Air Quality Calculations

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SCAQMD Data

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2006 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

2006

Source/Receptor Area No.	Location	Station No.	Carbon Monoxide [a]			Ozone [b]									Nitrogen Dioxide [c]				Sulfur Dioxide [d]			
										No. Days Standard Exceeded											
									Health		Federal			State								
			No. Days of Data	Max. Conc. in ppm 1-hour	Max Conc. in ppm 8-hour	No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 8-hour	Fourth High Conc. ppm 8-hour	Advisory ≥ 0.15 ppm 1-hour	> 0.12 ppm 1-hour	> 0.08 ppm 8-hour	> 0.09 ppm 1-hour	> 0.07 ppm 8-hour	No. Days of Data	Max Conc. in ppm 1-hour	Max Conc. in ppm 24-hour	Annual Average AAM Conc. ppm	No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 24-hour	Annual Average AAM Conc. ppm
LOS ANGELES COUNTY																						
1	Central LA	087	362	3	2.6	362	0.11	0.079	0.077	0	0	0	8	4	360	0.11	0.06	0.0288	365	0.03	0.006	0.0019
2	Northwest Coastal LA County	091	365	3	2.0	365	0.10	0.074	0.069	0	0	0	3	0	365	0.08	0.05	0.0173	--	--	--	--
3	Southwest Coastal LA County	820	363	3	2.3	360	0.08	0.066	0.062	0	0	0	0	0	351	0.10	0.05	0.0155	363	0.02	0.006	0.0020
4	South Coastal LA County 1	072	360	4	3.4	364	0.08	0.058	0.058	0	0	0	0	0	357	0.10	0.05	0.0215	364	0.03	0.010	0.0012
4	South Coastal LA County 2	077	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6	West San Fernando Valley	074	365	5	3.4	361	0.16	0.108	0.105	1	6	17	32	39	363	0.07	0.04	0.0174	--	--	--	--
7	East San Fernando Valley	069	365	4	3.5	365	0.17	0.128	0.099	2	6	12	25	23	365	0.10	0.05	0.0274	360	0.01	0.004	0.0006
8	West San Gabriel Valley	088	360	4	2.8	365	0.15	0.117	0.095	1	5	7	25	24	365	0.12	0.06	0.0245	--	--	--	--
9	East San Gabriel Valley 1	060	365	2	1.7	364	0.17	0.120	0.091	2	7	10	23	19	365	0.11	0.07	0.0258	--	--	--	--
9	East San Gabriel Valley 2	591	363	2	2.0	363	0.18	0.128	0.107	2	10	15	37	31	362	0.10	0.06	0.0206	--	--	--	--
10	Pomona/Walnut Valley	075	365	3	2.1	365	0.15	0.128	0.109	2	9	16	32	30	365	0.10	0.06	0.0307	--	--	--	--
11	South San Gabriel Valley	085	232*	3*	2.7*	250*	0.13*	0.095*	0.080*	0*	1*	3*	9*	5*	204*	0.10*	0.06*	0.0283*	--	--	--	--
12	South Central LA County	084	365	8	6.4	365	0.09	0.066	0.064	0	0	0	0	0	363	0.14	0.08	0.0306	--	--	--	--
13	Santa Clarita Valley	090	363	2	1.3	359	0.16	0.120	0.112	1	20	40	62	64	359	0.08	0.04	0.0184	--	--	--	--
ORANGE COUNTY																						
16	North Orange County	3177	362	6	3.0	362	0.15	0.114	0.092	1	3	4	8	9	361	0.09	0.05	0.0224	--	--	--	--
17	Central Orange County	3176	365	5	3.0	365	0.11	0.088	0.072	0	0	1	5	3	343	0.11	0.06	0.0197	--	--	--	--
18	North Coastal Orange County	3195	365	4	3.0	365	0.07	0.064	0.062	0	0	0	0	0	361	0.10	0.05	0.0145	353	0.01	0.004	0.0013
19	Saddleback Valley	3812	365	2	1.8	356	0.12	0.105	0.092	0	0	6	13	17	--	--	--	--	--	--	--	--
RIVERSIDE COUNTY																						
22	Norco/Corona	4155	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23	Metropolitan Riverside County 1	4144	365	3	2.1	365	0.15	0.116	0.113	1	8	30	45	59	365	0.08	0.05	0.0199	365	0.01	0.004	0.0013
23	Metropolitan Riverside County 2	4146	365	4	2.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23	Mira Loma	5214	364	4	2.7	364	0.16	0.119	0.107	1	4	25	39	48	332	0.08	0.05	0.0194	--	--	--	--
24	Perris Valley	4149	--	--	--	351	0.17	0.122	0.114	3	12	53	76	84	--	--	--	--	--	--	--	--
25	Lake Elsinore	4158	362	1	1.0	362	0.14	0.109	0.102	0	3	24	40	58	352	0.07	0.05	0.0151	--	--	--	--
29	Banning Airport	4164	--	--	--	357	0.14	0.115	0.104	0	8	44	57	78	355	0.11	0.04	0.0161	--	--	--	--
30	Coachella Valley 1**	4137	365	2	1.0	361	0.13	0.109	0.101	0	2	23	37	67	359	0.09	0.05	0.0103	--	--	--	--
30	Coachella Valley 2**	4157	--	--	--	364	0.10	0.089	0.087	0	0	7	4	29	--	--	--	--	--	--	--	--
SAN BERNARDINO COUNTY																						
32	Northwest San Bernardino Valley	5175	360	3	1.8	365	0.17	0.130	0.114	2	14	25	50	54	337	0.10	0.07	0.0310	--	--	--	--
33	Southwest San Bernardino Valley	5817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
34	Central San Bernardino Valley 1	5197	365	3	2.0	361	0.16	0.123	0.116	1	12	29	47	49	362	0.09	0.06	0.0270	365	0.01	0.003	0.0019
34	Central San Bernardino Valley 2	5203	364	3	2.3	362	0.15	0.127	0.119	3	10	29	52	57	362	0.09	0.05	0.0252	--	--	--	--
35	East San Bernardino Valley	5204	--	--	--	365	0.16	0.135	0.125	5	11	36	60	64	--	--	--	--	--	--	--	--
37	Central San Bernardino Mountains	5181	--	--	--	365	0.16	0.142	0.112	2	9	59	71	96	--	--	--	--	--	--	--	--
38	East San Bernardino Mountains	5818	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DISTRICT MAXIMUM				8	6.4		0.18	0.142	0.125	5	20	59	76	96		0.14	0.08	0.0310		0.03	0.010	0.0020
SOUTH COAST AIR BASIN				8	6.4		0.18	0.142	0.125	10	35	86	102	121		0.14	0.08	0.0310		0.03	0.010	0.0020

ppm - Parts Per Million parts of air, by volume. AAM = Annual Arithmetic Mean -- - Pollutant not monitored.

* Less than 12 full months of data. May not be representative. ** Salton Sea Air Basin.

a) - The federal 8-hour standard (8-hour average CO > 9 ppm) and state 8-hour standard (8-hour average CO > 9.0 ppm) were not exceeded. The federal and state 1-hour standards (35 ppm and 20 ppm) were not exceeded, either.

b) - The federal 1-hour ozone standard was revoked and replaced by the 8-hour average ozone standard effective June 15, 2005. The 8-hour average California ozone standard of 0.07 ppm was established effective May 17, 2006.

c) - The state standard is 1-hour average NO_2 > 0.25 ppm. The federal standard is annual arithmetic mean NO_2 > 0.0534 ppm. Air Resources Board has approved to lower the NO_2 1-hour standard to 0.18 ppm and establish a new annual standard of 0.030 ppm. The revisions are expected to become effective later in 2007.

d) - The state standards are 1-hour average SO_2 > 0.25 ppm and 24-hour average SO_2 > 0.04 ppm. The federal standards are annual arithmetic mean SO_2 > 0.03 ppm, 24-hour average > 0.14 ppm, and 3-hour average > 0.50 ppm. The federal and state SO_2 standards were not exceeded.

South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4182
www.aqmd.gov

The map showing the locations of source/receptor areas can be accessed via the Internet at http://www.aqmd.gov/telemweb/areamap.aspx. Locations of source/receptor areas are shown on the "South Coast Air Quality Management District Air Monitoring Areas" map available free of charge from SCAQMD Public Information.

2006 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

2006

Source/Receptor Area No.	Location	Station No.	Suspended Particulates PM10 [e]					Fine Particulates PM2.5 [f]						Particulates TSP [g]			Lead [g]		Sulfate [g]	
			No. Days of Data	Max. Conc. in µg/m³ 24-hour	No. (%) Samples Exceeding Standard Federal > 150 µg/m³ 24-hour	No. (%) Samples Exceeding Standard State > 50 µg/m³ 24-hour	Annual Average AAM [h] Conc. µg/m³	No. Days of Data	Max. Conc. in µg/m³ 24-hour	98th Percentile Conc. in µg/m³ 24-hour	No. (%) Samples Exceeding Standard Federal [i] > 35 µg/m³ 24-hour	No. (%) Samples Exceeding Standard Federal [i] > 65 µg/m³ 24-hour	Annual Averages AAM [j] Conc. µg/m³	No. Days of Data	Max. Conc. in µg/m³ 24-hour	Annual Average AAM Conc. µg/m³	Max. Monthly Average Conc. [k] µg/m³	Max. Quarterly Average Conc. [k] µg/m³	Max. Conc. in µg/m³ 24-hour	No. (%) Samples Exceeding Standard State ≥ 25 µg/m³ 24-hour
LOS ANGELES COUNTY																				
1	Central LA	087	59	59	0	3(5.1)	30.3	330	56.2	38.9	11(3.3)	0	15.6	59	109	63.3	0.02	0.01	18.2	0
2	Northwest Coastal LA County	091	--	--	--	--	--	--	--	--	--	--	--	56	76	40.2	--	--	12.2	0
3	Southwest Coastal LA County	820	51	45	0	0	26.5	--	--	--	--	--	--	56	84	43.1	0.01	0.01	13.6	0
4	South Coastal LA County 1	072	61	78	0	6(9.8)	31.1	290*	58.5*	34.9*	5(1.7)*	0*	14.2*	62	157	62.9	0.01	0.01	17.8	0
4	South Coastal LA County 2	077	58	117	0	19(32.7)	45.0	320	53.6	35.3	6(1.9)	0	14.5	59	192	71.1	0.01	0.01	18.8	0
6	West San Fernando Valley	074	--	--	--	--	--	92	44.1	32.0	1(1.1)	0	12.9	--	--	--	--	--	--	--
7	East San Fernando Valley	069	54	71	0	10(18.5)	35.6	104	50.7	43.4	6(5.8)	0	16.6	--	--	--	--	--	--	--
8	West San Gabriel Valley	088	--	--	--	--	--	113	45.9	32.1	1(0.9)	0	13.4	60	123	42.8	--	--	28.7	1(1.7)
9	East San Gabriel Valley 1	060	58	81	0	7(12.1)	31.9	278*	52.8*	38.5*	8(2.9)*	0*	15.5*	59	142	68.4	--	--	20.8	0
9	East San Gabriel Valley 2	591	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10	Pomona/Walnut Valley	075	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11	South San Gabriel Valley	085	--	--	--	--	--	116	72.2	43.1	7(6)	1(0.9)	16.7	58	768	79.3	0.03	0.02	28.6	1(1.7)
12	South Central LA County	084	--	--	--	--	--	107	55.0	44.5	4(3.7)	0	16.7	58	147	68.4	0.02	0.02	24.1	0
13	Santa Clarita Valley	090	58	53	0	1(1.7)	23.4	--	--	--	--	--	--	--	--	--	--	--	--	--
ORANGE COUNTY																				
16	North Orange County	3177	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
17	Central Orange County	3176	56	104	0	7(12.5)	33.4	330	56.2	40.5	8(2.4)	0	14.1	--	--	--	--	--	--	--
18	North Coastal Orange County	3195	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
19	Saddleback Valley	3812	50	57	0	1(2.0)	22.8	106	47.0	25.7	1(0.9)	0	11.0	--	--	--	--	--	--	--
RIVERSIDE COUNTY																				
22	Norco/Corona	4155	57	74	0	10(17.5)	36.5	--	--	--	--	--	--	--	--	--	--	--	--	--
23	Metropolitan Riverside County 1	4144	118	109	0	71(60.2)	54.4	300	68.5	53.7	32(10.7)	1(0.3)	19.0	59	169	91.2	0.01	0.01	10.8	0
23	Metropolitan Riverside County 2	4146	--	--	--	--	--	105	55.3	47.7	9(8.6)	0	17.0	59	131	72.9	0.01	0.01	9.9	0
23	Mira Loma	5214	59	124	0	41(69.5)	64.0	113	63.0	52.5	14(12.4)	0	20.6	--	--	--	--	--	--	--
24	Perris Valley	4149	54	125	0	19(35.2)	45.0	--	--	--	--	--	--	--	--	--	--	--	--	--
25	Lake Elsinore	4158	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29	Banning Airport	4164	55	75	0	8(14.6)	31.1	--	--	--	--	--	--	--	--	--	--	--	--	--
30	Coachella Valley 1**	4137	57	73+	0+	2(3.5)+	24.5+	111	24.8	15.9	0	0	7.7	--	--	--	--	--	--	--
30	Coachella Valley 2**	4157	115	122+	0+	57(49.6)+	52.7+	107	24.3	19.1	0	0	9.5	--	--	--	--	--	--	--
SAN BERNARDINO COUNTY																				
32	Northwest San Bernardino Valley	5175	--	--	--	--	--	--	--	--	--	--	--	58	105	54.6	0.01	0.01	9.1	0
33	Southwest San Bernardino Valley	5817	62	78	0	17(27.4)	42.3	107	53.7	41.5	7(6.5)	0	18.5	--	--	--	--	--	--	--
34	Central San Bernardino Valley 1	5197	60	142	0	31(51.7)	53.5	112	52.6	43.8	7(6.3)	0	17.6	59	190	101.0	--	--	10.3	0
34	Central San Bernardino Valley 2	5203	57	92	0	24(42.1)	46.0	102	55.0	48.4	8(7.8)	0	17.8	54	174	87.0	0.02	0.01	11.0	0
35	East San Bernardino Valley	5204	60	103	0	12(20.0)	36.2	--	--	--	--	--	--	--	--	--	--	--	--	--
37	Central San Bernardino Mountains	5181	58	63	0	1(1.7)	26.2	--	--	--	--	--	--	--	--	--	--	--	--	--
38	East San Bernardino Mountains	5818	--	--	--	--	--	42*	40.1*	40.1*	1(2.4)*	0*	11.2*	--	--	--	--	--	--	--
DISTRICT MAXIMUM				142+	0+	71	64.0		72.2	53.7	32	1	20.6		768	101.0	0.03	0.02	28.7	1
SOUTH COAST AIR BASIN				142+	0+	75	64.0		72.2	53.7	32	1	20.6		768	101.0	0.03	0.02	28.7	1

µg/m³ - Micrograms per cubic meter of air AAM - Annual Arithmetic Mean -- - Pollutant not monitored

* Less than 12 full months of data. May not be representative. ** Salton Sea Air Basin.

e) - PM10 samples were collected every 6 days at all sites except for Station Numbers 4144 and 4157 where samples were collected every 3 days.

f) - PM2.5 samples were collected every 3 days at all sites except for the following sites: Station Numbers 060, 072, 077, 087, 3176, and 4144 where samples were taken every day, and Station Number 5818 where samples were taken every 6 days.

g) - Total suspended particulates, lead, and sulfate were determined from samples collected every 6 days by the high volume sampler method, on glass fiber filter media.

h) - Federal annual PM10 standard (AAM > 50 µg/m³) was revoked effective December 17, 2006. State standard is annual average (AAM) > 20 µg/m³.

i) - U.S. EPA has revised the federal 24-hour PM2.5 standard from 65 µg/m³ to 35 µg/m³; effective December 17, 2006.

j) - Federal PM2.5 standard is annual average (AAM) > 15 µg/m³. State standard is annual average (AAM) > 12 µg/m³.

k) - Federal lead standard is quarterly average > 1.5 µg/m³; and state standard is monthly average ≥ 1.5 µg/m³. No location exceeded lead standards. Maximum monthly and quarterly lead concentrations at special monitoring sites immediately downwind of stationary lead sources were 0.24 µg/m³ and 0.22 µg/m³, respectively, both recorded at Central Los Angeles.

\+ - The data for the samples collected on a high-wind day (July 16, 2006) at Palm Springs and Indio (226 µg/m³ and 313 µg/m³, respectively) were excluded in accordance with EPA's Natural Events Policy.

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2007 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

2007

Source/Receptor Area		Station No.		Carbon Monoxide [a]			Ozone										Nitrogen Dioxide [d]			Sulfur Dioxide [e]			
											No. Days Standard Exceeded												
											Health Advisory	Federal [b]			State [c]								
No.	Location	State Code	District Code	No. Days of Data	Max. Conc. in ppm 1-hour	Max Conc. in ppm 8-hour	No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 8-hour	Fourth High Conc. ppm 8-hour	≥ 0.15 ppm 1-hour	> 0.12 ppm 1-hour	> 0.08 ppm 8-hour	> 0.075 ppm 8-hour	> 0.09 ppm 1-hour	> 0.070 ppm 8-hour	No. Days of Data	Max Conc. in ppm 1-hour	Annual Average AAM Conc. ppm	No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 24-hour	Annual Average AAM Conc. ppm
LOS ANGELES COUNTY																							
1	Central LA	70087	087	359	3	2.2	355	0.115	0.102	0.072	0	0	2	3	3	6	360	0.10	0.0299	351	0.01	0.003	0.0009
2	Northwest Coastal LA County	70091	091	365	3	1.9	360	0.117	0.087	0.067	0	0	1	2	2	2	353	0.08	0.0200	--	--	--	--
3	Southwest Coastal LA County	70111	820	361	3	2.4	361	0.087	0.074	0.066	0	0	0	0	0	1	331*	0.08	0.0140	361	0.02	0.009	0.0028
4	South Coastal LA County 1	70072	072	347*	3	2.6	365	0.099	0.073	0.056	0	0	0	0	1	1	365	0.11	0.0207	365	0.11	0.011	0.0027
4	South Coastal LA County 2	70110	077	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6	West San Fernando Valley	70074	074	358	4	2.8	358	0.129	0.104	0.092	0	1	8	28	21	43	358	0.08	0.0186	--	--	--	--
7	East San Fernando Valley	70069	069	365	4	2.8	365	0.116	0.096	0.088	0	0	6	13	13	19	363	0.09	0.0289	365	0.01	0.003	0.0010
8	West San Gabriel Valley	70088	088	365	3	2.4	365	0.149	0.100	0.089	0	3	6	11	13	21	365	0.09	0.0246	--	--	--	--
9	East San Gabriel Valley 1	70060	060	365	3	2.0	365	0.158	0.112	0.096	1	3	13	20	22	28	365	0.12	0.0253	--	--	--	--
9	East San Gabriel Valley 2	70591	591	365	2	2.0	364	0.147	0.116	0.104	0	3	14	26	25	40	365	0.11	0.0227	--	--	--	--
10	Pomona/Walnut Valley	70075	075	365	3	2.1	365	0.153	0.108	0.102	1	2	10	18	19	25	365	0.10	0.0318	--	--	--	--
11	South San Gabriel Valley	70185	085	365	5	2.9	364	0.135	0.100	0.079	0	2	2	5	6	9	361	0.11	0.0249	--	--	--	--
12	South Central LA County	70084	084	365	8	5.1	365	0.102	0.077	0.056	0	0	0	1	1	2	365	0.10	0.0291	--	--	--	--
13	Santa Clarita Valley	70090	090	361	2	1.2	357	0.135	0.110	0.101	0	2	16	44	31	64	339*	0.08	0.0196	--	--	--	--
ORANGE COUNTY																							
16	North Orange County	30177	3177	360	6	3.3	365	0.152	0.107	0.082	1	1	2	8	7	9	365	0.08	0.0219	--	--	--	--
17	Central Orange County	30178	3176	346*	4	2.9	365	0.127	0.099	0.073	0	1	1	1	2	7	359	0.10	0.0208	--	--	--	--
18	North Coastal Orange County	30195	3195	362	5	3.1	362	0.082	0.072	0.065	0	0	0	0	0	2	362	0.07	0.0132	358	0.01	0.004	0.0010
19	Saddleback Valley	30002	3812	364	3	2.1	365	0.108	0.089	0.080	0	0	2	5	5	10	--	--	--	--	--	--	
RIVERSIDE COUNTY																							
22	Norco/Corona	33155	4155	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
23	Metropolitan Riverside County 1	33144	4144	364	4	2.9	365	0.131	0.111	0.099	0	2	15	46	31	69	364	0.07	0.0206	323*	0.02	0.002	0.0017
23	Metropolitan Riverside County 2	33146	4146	365	4	2.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23	Mira Loma	33165	5214	359	3	2.1	360	0.118	0.104	0.092	0	0	10	23	16	48	349*	0.07	0.0181	--	--	--	--
24	Perris Valley	33149	4149	--	--	--	365	0.139	0.116	0.103	0	4	37	73	66	88	--	--	--	--	--	--	--
25	Lake Elsinore	33158	4158	365	2	2.3	359	0.130	0.108	0.097	0	3	19	35	26	55	358	0.06	0.0174	--	--	--	--
29	Banning Airport	33164	4164	--	--	--	365	0.129	0.113	0.095	0	1	12	43	28	63	363	0.08	0.0147	--	--	--	--
30	Coachella Valley 1**	33137	4137	365	2	1.0	365	0.126	0.101	0.097	0	1	20	58	29	83	365	0.06	0.0103	--	--	--	--
30	Coachella Valley 2**	33155	4157	--	--	--	365	0.106	0.094	0.087	0	0	6	29	8	48	--	--	--	--	--	--	--
SAN BERNARDINO COUNTY																							
32	Northwest San Bernardino Valley	36175	5175	365	2	1.6	365	0.145	0.115	0.112	0	7	18	35	32	55	327*	0.10	0.0276	--	--	--	--
33	Southwest San Bernardino Valley	36025	5817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
34	Central San Bernardino Valley 1	36197	5197	359	3	1.8	359	0.144	0.122	0.112	0	9	19	43	40	60	358	0.09	0.0239	359	0.01	0.004	0.0019
34	Central San Bernardino Valley 2	36203	5203	365	4	2.3	365	0.153	0.121	0.117	1	8	24	51	48	74	351	0.08	0.0245	--	--	--	--
35	East San Bernardino Valley	36204	5204	--	--	--	365	0.149	0.124	0.112	0	7	25	58	54	79	--	--	--	--	--	--	--
37	Central San Bernardino Mountains	36181	5181	--	--	--	365	0.171	0.137	0.126	4	13	59	93	67	115	--	--	--	--	--	--	--
38	East San Bernardino Mountains	36001	5818	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DISTRICT MAXIMUM					8	5.1		0.171	0.137	0.126	4	13	59	93	67	115		0.12	0.0318		0.11	0.011	0.0028
SOUTH COAST AIR BASIN					8	5.1		0.171	0.137	0.126	5	18	79	108	96	128		0.12	0.0318		0.11	0.011	0.0028

ppm - Parts Per Million parts of air, by volume. AAM = Annual Arithmetic Mean -- - Pollutant not monitored.

* Less than 12 full months of data; may not be representative. ** Salton Sea Air Basin.

a) - The federal 8-hour standard (8-hour average CO > 9 ppm) and state 8-hour standard (8-hour average CO > 9.0 ppm) were not exceeded. The federal and state 1-hour standards (35 ppm and 20 ppm) were not exceeded, either.

b) - The federal 1-hour ozone standard was revoked and replaced by the 8-hour average ozone standard effective June 15, 2005. U.S. EPA has revised the federal 8-hour ozone standard from 0.084 ppm to 0.075 ppm, effective May 27, 2008.

c) - The 8-hour average California ozone standard of 0.070 ppm was established effective May 17, 2006.

d) - The federal standard is annual arithmetic mean NO_2 > 0.0534 ppm. California Air Resources Board has revised the NO_2 1-hour state standard from 0.25 ppm to 0.18 ppm and has established a new annual standard of 0.030 ppm, effective March 20, 2008.

e) - The state standards are 1-hour average SO_2 > 0.25 ppm and 24-hour average SO_2 > 0.04 ppm. The federal standards are annual arithmetic mean SO_2 > 0.03 ppm, 24-hour average > 0.14 ppm, and 3-hour average > 0.50 ppm. The federal and state SO_2 standards were not exceeded.

South Coast Air Quality Management District
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The map showing the locations of source/receptor areas can be accessed via the Internet at http://www.aqmd.gov/telemweb/areamap.aspx. Locations of source/receptor areas are shown on the "South Coast Air Quality Management District Air Monitoring Areas" map available free of charge from SCAQMD Public Information.

Due to technical difficulties, lead and sulfate data are not available and will be provided at a later time.

2007 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

2007

Source/Receptor Area No.	Location	Station No. State Code	Station No. District Code	Suspended Particulates PM10 [f] No. Days of Data	Max. Conc. in µg/m³ 24-hour	No. (%) Samples Exceeding Standards: Federal > 150 µg/m³ 24-hour	No. (%) Samples Exceeding Standards: State > 50 µg/m³ 24-hour	Annual Average Conc. [i] (AAM) µg/m³	Fine Particulates PM2.5 [g] No. Days of Data	Max. Conc. in µg/m³ 24-hour	98th Percentile Conc. in µg/m³ 24-hour	No. (%) Samples Exceeding Federal Standard: Current > 35 [j] µg/m³ 24-hour	No. (%) Samples Exceeding Federal Standard: Old > 65 [j] µg/m³ 24-hour	Annual Average Conc. [k] (AAM) µg/m³	Particulates [h] No. Days of Data	Max. Conc. in µg/m³ 24-hour	Annual Average Conc. (AAM) µg/m³	Lead [h] Max. Monthly Average Conc. [l] µg/m³	Lead [h] Max. Quarterly Average Conc. [l] µg/m³	Sulfate [h] Max. Conc. [l] in µg/m³ 24-hour	Sulfate [h] %Samples Exceeding State Standard ≥ 25 µg/m³ 24-hour
LOS ANGELES COUNTY																					
1	Central LA	70087	087	57	78	0	5(9)	33.3	324	64.2	51.2	20(0.6)	0	16.8	58	194	73.5				
2	Northwest Coastal LA County	70091	091	--	--	--	--	--	--	--	--	--	--	--	57	180	57.6				
3	Southwest Coastal LA County	70111	820	56	96	0	2(4)	27.7	--	--	--	--	--	--	55	286	51.8				
4	South Coastal LA County 1	70072	072	58	75+	0+	5(9)+	30.2+	332	82.9	40.8	12(3.6)	1(0.3)	14.6	59	732	76.5				
4	South Coastal LA County 2	70110	077	57	123+	0+	17(30)+	41.7+	326	68.0	33.7	6(1.8)	1(0.3)	13.7	58	694	79.4				
6	West San Fernando Valley	70074	074	--	--	--	--	--	95	43.3	33.4	1(1.1)	0	13.1	--	--	--				
7	East San Fernando Valley	70069	069	55	109	0	11(20)	40.0	98	56.5	47.7	9(9.2)	0	16.8	--	--	--				
8	West San Gabriel Valley	70088	088	--	--	--	--	--	108	68.9	45.4	3(2.8)	1(0.9)	14.3	56	123	46.3				
9	East San Gabriel Valley 1	70060	060	57	83+	0+	11(19)+	35.6+	292*	63.8	49.3	19(6.5)	0	15.9	58	243	77.8				
9	East San Gabriel Valley 2	70591	591	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
10	Pomona/Walnut Valley	70075	075	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
11	South San Gabriel Valley	70185	085	--	--	--	--	--	101	63.6	49.5	5(5.0)	0	16.7	55	196	76.0				
12	South Central LA County	70084	084	--	--	--	--	--	106	49.0	46.1	4(3.8)	0	15.9	59	327	78.8				
13	Santa Clarita Valley	70090	090	58	131+	0+	5(9)+	29.9+	--	--	--	--	--	--	--	--	--				
ORANGE COUNTY																					
16	North Orange County	30177	3177	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
17	Central Orange County	30178	3176	59	75+	0+	5(9)+	31.0+	336	79.4	46.5	14(4.2)	1(0.3)	14.5	--	--	--				
18	North Coastal Orange County	30195	3195	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
19	Saddleback Valley	30002	3812	58	74	0	3(5)	23.0	98	46.9	35.0	2(2.0)	0	11.3	--	--	--				
RIVERSIDE COUNTY																					
22	Norco/Corona	33155	4155	59	93+	0+	10(17)+	39.6+	--	--	--	--	--	--	--	--	--				
23	Metropolitan Riverside County 1	33144	4144	116	118+	0+	66(51)+	54.7+	295*	75.7	54.3	33(11.2)	3(1.0)	19.1	57	237	111.0				
23	Metropolitan Riverside County 2	33146	4146	--	--	--	--	--	101	68.6	57.3	8(7.9)	1(1.0)	18.1	60	674	88.9				
23	Mira Loma	33165	5214	56	142	0	41(73)	68.5	110	69.7	60.1	13(11.8)	1(0.9)	21.0	--	--	--				
24	Perris Valley	33149	4149	59	120+	0+	32(54)+	54.8+	--	--	--	--	--	--	--	--	--				
25	Lake Elsinore	33158	4158	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
29	Banning Airport	33164	4164	49*	78	0	7(14)	33.3	--	--	--	--	--	--	--	--	--				
30	Coachella Valley 1**	33137	4137	55	83	0	6(11)	30.5	104	32.5	20.5	0	0	8.7	--	--	--				
30	Coachella Valley 2**	33155	4157	87*	146+	0+	51(59)+	53.5+	97	26.8	26.5	0	0	9.8	--	--	--				
SAN BERNARDINO COUNTY																					
32	Northwest San Bernardino Valley	36175	5175	--	--	--	--	--	--	--	--	--	--	--	60	206	63.5				
33	Southwest San Bernardino Valley	36025	5817	58	115+	0+	14(24)+	43.4+	102	72.8	53.0	6(5.9)	1(1.0)	17.9	--	--	--				
34	Central San Bernardino Valley 1	36197	5197	58	111+	0+	33(57)+	54.9+	107	77.5	64.9	10(9.3)	2(1.9)	19.0	58	242	96.2				
34	Central San Bernardino Valley 2	36203	5203	58	136+	0+	28(48)+	51.4+	99	72.1	68.4	11(11.1)	3(3.0)	18.3	59	536	106.9				
35	East San Bernardino Valley	36204	5204	60	97	0	19(32)	39.7	--	--	--	--	--	--	--	--	--				
37	Central San Bernardino Mountains	36181	5181	54	89	0	2(4)	27.2	--	--	--	--	--	--	--	--	--				
38	East San Bernardino Mountains	36001	5818	--	--	--	--	--	54	45.4	34.0	1(1.9)	0	10.4	--	--	--				
DISTRICT MAXIMUM					146+	0+	66+	68.5+		82.9	68.4	33	3	21.0		732	111.0				
SOUTH COAST AIR BASIN					142+	0+	79+	68.5+		82.9	68.4	48	8	21.0		732	111.0				

µg/m³ - Micrograms per cubic meter of air. AAM = Annual Arithmetic Mean -- - Pollutant not monitored.

* Less than 12 full months of data; may not be representative. ** Salton Sea Air Basin.

f) - PM10 samples were collected every 6 days at all sites except for Station Numbers 4144 and 4157 where samples were collected every 3 days.

g) - PM2.5 samples were collected every 3 days at all sites except for the following sites: Station Numbers 060, 072, 077, 087, 3176, and 4144 where samples were taken every day, and Station Number 5818 where samples were taken every 6 days.

h) - Total suspended particulates, lead, and sulfate were determined from samples collected every 6 days by the high volume sampler method, on glass fiber filter media.

i) - Federal annual PM10 standard (AAM > 50 µg/m³) was revoked effective December 17, 2006. State standard is annual average (AAM) > 20 µg/m³.

j) - U.S. EPA has revised the federal 24-hour PM2.5 standard from 65 µg/m³ to 35 µg/m³; effective December 17, 2006.

k) - Federal PM2.5 standard is annual average (AAM) > 15 µg/m³. State standard is annual average (AAM) > 12 µg/m³.

l) - Federal lead standard is quarterly average > 1.5 µg/m³; and state standard is monthly average ≥ 1.5 µg/m³. Lead and sulfate data analysis is incomplete and data is not available at this time.

\+ - The following PM10 data samples were excluded from compliance consideration in accordance with the EPA Exceptional Event Regulation: 210 and 157 ug/m3 on March 22 and April 6, respectively, at Coachella Valley 2 (high wind events); 167 ug/m3 on April 12 at Perris Valley (high wind event); 165 and 155 ug/m3 on July 5 at East San Gabriel 1 and Central San Bernardino Valley 1, respectively (fireworks displays); and high concentration throughout the District on October 21, with a maximum concentration of 559 ug/m3 at Metropolitan Riverside County 1 (high wind and wildfire event).

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2008 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

2008

Source/Receptor Area No.	Location	Station No. State Code	Station No. District Code	Carbon Monoxide [a] No. Days of Data	CO Max. Conc. in ppm 1-hour	CO Max Conc. in ppm 8-hour	Ozone No. Days of Data	O3 Max. Conc. in ppm 1-hour	O3 Max. Conc. in ppm 8-hour	O3 Fourth High Conc. ppm 8-hour	O3 No. Days Standard Exceeded: Health Advisory ≥ 0.150 ppm 1-hour	Federal [b] > 0.12 ppm 1-hour	Federal [b] > 0.08 ppm 8-hour	Federal [b] > 0.075 ppm 8-hour	State [c] > 0.09 ppm 1-hour	State [c] > 0.070 ppm 8-hour	Nitrogen Dioxide [d] No. Days of Data	NO2 Max Conc. in ppm 1-hour	NO2 Annual Average AAM Conc. ppm	Sulfur Dioxide [e] No. Days of Data	SO2 Max. Conc. in ppm 1-hour	SO2 Max. Conc. in ppm 24-hour	SO2 Annual Average AAM Conc. ppm
LOS ANGELES COUNTY																							
1	Central LA	70087	087	366	3	2.1	356	0.109	0.090	0.073	0	0	1	3	3	7	343	0.12	0.0275	366	0.01	0.002	0.0003
2	Northwest Coastal LA County	70091	091	366	3	2.0	366	0.11	0.097	0.073	0	0	1	2	3	8	364	0.09	0.0184	--	--	--	--
3	Southwest Coastal LA County	70111	820	358	4	2.5	360	0.086	0.075	0.065	0	0	0	0	0	1	359	0.10	0.0143	357	0.02	0.005	0.0014
4	South Coastal LA County 1	70072	072	366	3	2.6	366	0.093	0.074	0.064	0	0	0	0	0	1	366	0.13	0.0208	366	0.09	0.012	0.0022
4	South Coastal LA County 2	70110	077	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6	West San Fernando Valley	70074	074	366	4	2.9	366	0.123	0.103	0.095	0	0	14	25	23	40	366	0.09	0.0180	--	--	--	--
7	East San Fernando Valley	70069	069	366	3	2.6	366	0.133	0.109	0.092	0	1	8	17	20	35	364	0.11	0.0285	366	0.01	0.003	0.0008
8	West San Gabriel Valley	70088	088	366	3	2.1	366	0.122	0.100	0.091	0	0	6	16	16	26	365	0.11	0.0235	--	--	--	--
9	East San Gabriel Valley 1	70060	060	366	2	1.6	366	0.135	0.111	0.101	0	7	14	28	34	39	366	0.10	0.0230	--	--	--	--
9	East San Gabriel Valley 2	70591	591	366	3	3.0	366	0.156	0.118	0.112	2	12	25	45	48	61	366	0.10	0.0182	--	--	--	--
10	Pomona/Walnut Valley	70075	075	366	3	2.0	366	0.141	0.110	0.100	0	5	19	35	32	47	366	0.11	0.0302	--	--	--	--
11	South San Gabriel Valley	70185	085	357	3	2.1	366	0.107	0.093	0.077	0	0	1	5	7	13	341	0.10	0.0263	--	--	--	--
12	South Central LA County	70084	084	310*	6*	4.3*	310*	0.078*	0.060*	0.055*	0*	0*	0*	0*	0*	0*	305*	0.12*	0.0301*	--	--	--	--
13	Santa Clarita Valley	70090	090	363	2	1.1	363	0.160	0.131	0.108	2	8	35	60	54	81	363	0.07	0.0165	--	--	--	--
ORANGE COUNTY																							
16	North Orange County	30177	3177	366	5	2.9	366	0.104	0.084	0.078	0	0	0	5	7	15	361	0.09	0.0206	--	--	--	--
17	Central Orange County	30178	3176	366	4	3.6	366	0.105	0.086	0.076	0	0	1	4	2	10	366	0.09	0.0203	--	--	--	--
18	North Coastal Orange County	30195	3195	366	3	2.0	366	0.094	0.079	0.075	0	0	0	3	0	6	365	0.08	0.0132	366	0.01	0.003	0.0011
19	Saddleback Valley	30002	3812	365	2	1.1	365	0.118	0.104	0.092	0	0	6	15	9	25	--	--	--	--	--	--	--
RIVERSIDE COUNTY																							
22	Norco/Corona	33155	4155	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23	Metropolitan Riverside County 1	33144	4144	366	3	2.0	366	0.146	0.116	0.111	0	8	38	64	54	88	366	0.09	0.0192	366	0.01	0.003	0.0009
23	Metropolitan Riverside County 2	33146	4146	366	7	2.0	--	--	--	--	--	--	--	--	--	--	70*	0.09*	0.0258*	--	--	--	--
23	Mira Loma	33165	5214	366	3	1.9	366	0.135	0.107	0.104	0	4	23	47	38	62	366	0.10	0.0174	--	--	--	--
24	Perris Valley	33149	4149	--	--	--	366	0.142	0.114	0.106	0	4	41	77	65	94	--	--	--	--	--	--	--
25	Lake Elsinore	33158	4158	365	1	1.0	365	0.139	0.118	0.108	0	6	32	69	49	92	362	0.06	0.0129	--	--	--	--
29	Banning Airport	33164	4164	--	--	--	365	0.149	0.120	0.108	0	10	45	74	57	95	366	0.08	0.0128	--	--	--	--
30	Coachella Valley 1**	33137	4137	366	1	0.6	366	0.11	0.101	0.098	0	0	20	51	26	70	366	0.05	0.0093	--	--	--	--
30	Coachella Valley 2**	33155	4157	--	--	--	355	0.12	0.092	0.090	0	0	11	27	11	44	--	--	--	--	--	--	--
SAN BERNARDINO COUNTY																							
32	Northwest San Bernardino Valley	36175	5175	365	2	1.6	365	0.155	0.122	0.111	2	9	30	50	51	65	365	0.09	0.0235	--	--	--	--
33	Southwest San Bernardino Valley	36025	5817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
34	Central San Bernardino Valley 1	36197	5197	363	2	1.9	364	0.162	0.124	0.111	1	8	35	58	55	82	364	0.10	0.0207	364	0.01	0.003	0.0018
34	Central San Bernardino Valley 2	36203	5203	366	2	1.8	366	0.157	0.122	0.113	2	11	43	62	62	90	366	0.09	0.0217	--	--	--	--
35	East San Bernardino Valley	36204	5204	--	--	--	366	0.154	0.120	0.112	1	12	50	75	72	100	--	--	--	--	--	--	--
37	Central San Bernardino Mountains	36181	5181	--	--	--	362	0.176	0.126	0.120	2	16	67	97	78	115	--	--	--	--	--	--	--
38	East San Bernardino Mountains	36001	5818	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DISTRICT MAXIMUM				366	7	4.3	366	0.176	0.131	0.120	2	17	75	97	79	115		0.13	0.0302		0.09	0.012	0.0022
SOUTH COAST AIR BASIN					7	4.3		0.176	0.131	0.120	7	28	80	120	102	140		0.13	0.0302		0.09	0.012	0.0022

ppm - Parts Per Million parts of air, by volume. AAM = Annual Arithmetic Mean -- - Pollutant not monitored.

* Less than 12 full months of data; may not be representative. ** Salton Sea Air Basin.

a) - The federal 8-hour standard (8-hour average CO > 9 ppm) and state 8-hour standard (8-hour average CO > 9.0 ppm) were not exceeded. The federal and state 1-hour standards (35 ppm and 20 ppm) were not exceeded, either.

b) - The federal 1-hour ozone standard was revoked and replaced by the 8-hour average ozone standard effective June 15, 2005. U.S. EPA has revised the federal 8-hour ozone standard from 0.084 ppm to 0.075 ppm, effective May 27, 2008.

c) - The 8-hour average California ozone standard of 0.070 ppm was established effective May 17, 2006.

d) - The federal standard is annual arithmetic mean NO_2 > 0.0534 ppm. California Air Resources Board has revised the NO_2 1-hour state standard from 0.25 ppm to 0.18 ppm and has established a new annual standard of 0.030 ppm, effective March 20, 2008.

e) - The state standards are 1-hour average SO_2 > 0.25 ppm and 24-hour average SO_2 > 0.04 ppm. The federal standards are annual arithmetic mean SO_2 > 0.03 ppm, 24-hour average > 0.14 ppm, and 3-hour average > 0.50 ppm. The federal and state SO_2 standards were not exceeded.

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The map showing the locations of source/receptor areas can be accessed via the Internet at http://www.aqmd.gov/telemweb/areamap.aspx. Locations of source/receptor areas are shown on the "South Coast Air Quality Management District Air Monitoring Areas" map available free of charge from SCAQMD Public Information.

PRELIMINARY DATA

2008 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

2008

Source/Receptor Area No.	Location	Station No. State Code	Station No. District Code	Suspended Particulates PM10 [f] No. Days of Data	Max. Conc. in µg/m³ 24-hour	No. (%) Samples Exceeding Standards Federal > 150 µg/m³ 24-hour	No. (%) Samples Exceeding Standards State > 50 µg/m³ 24-hour	Annual Average Conc. [i] (AAM) µg/m³	Fine Particulates PM2.5 [g] No. Days of Data	Max. Conc. in µg/m³ 24-hour	98th Percentile Conc. in µg/m³ 24-hour	No. (%) Samples Exceeding Federal Standard Current > 35 [j] µg/m³ 24-hour	No. (%) Samples Exceeding Federal Standard Old > 65 [j] µg/m³ 24-hour	Annual Average Conc. [k] (AAM) µg/m³	Particulates TSP [h] No. Days of Data	Max. Conc. in µg/m³ 24-hour	Annual Average Conc. (AAM) µg/m³	Lead [h] Max. Monthly Average Conc. [l] µg/m³	Lead [h] Max. Quarterly Average Conc. [l] µg/m³	Sulfate [h] Max. Conc. in µg/m³ 24-hour	Sulfate [h] %Samples Exceeding State Standard ≥ 25 µg/m³ 24-hour
LOS ANGELES COUNTY																					
1	Central LA	70087	087	42*	66*	0*	3(7%)*	32.2*	337	78.3	40.4	10(3.0)	1(0.3)	15.7							
2	Northwest Coastal LA County	70091	091	--	--	--	--	--	--	--	--	--	--	--							
3	Southwest Coastal LA County	70111	820	60	50	0	0(0%)	25.6	--	--	--	--	--	--							
4	South Coastal LA County 1	70072	072	57	62	0	1(2%)	29.1	346	57.2	38.9	8(2.3)	0	14.2							
4	South Coastal LA County 2	70110	077	58	81	0	9(16%)	35.8	349	60.9	36.4	7(2.0)	0	13.7							
6	West San Fernando Valley	70074	074	--	--	--	--	--	113	50.5	26.2	2(1.8)	0	11.9							
7	East San Fernando Valley	70069	069	54	66	0	7(13%)	35.6	116	57.5	34.6	2(1.7)	0	14.1							
8	West San Gabriel Valley	70088	088	--	--	--	--	--	118	66.0	32.1	2(1.7)	1(0.9)	12.9							
9	East San Gabriel Valley 1	70060	060	49	98	0	13(27%)	35.3	321	53.1	34.8	5(1.6)	0	14.1							
9	East San Gabriel Valley 2	70591	591	--	--	--	--	--	--	--	--	--	--	--							
10	Pomona/Walnut Valley	70075	075	--	--	--	--	--	--	--	--	--	--	--							
11	South San Gabriel Valley	70185	085	--	--	--	--	--	114.	47.3	38.0	4(3.5)	0	15.0							
12	South Central LA County	70084	084	--	--	--	--	--	118	44.2	36.5	3(2.5)	0	15.5							
13	Santa Clarita Valley	70090	090	57	91	0	2(4%)	25.8	--	--	--	--	--	--							
ORANGE COUNTY																					
16	North Orange County	30177	3177	--	--	--	--	--	--	--	--	--	--	--							
17	Central Orange County	30178	3176	58	61	0	3(5%)	28.6	336	67.9	39.4	13(3.9)	1(0.3)	13.7							
18	North Coastal Orange County	30195	3195	--	--	--	--	--	--	--	--	--	--	--							
19	Saddleback Valley	30002	3812	55	42	0	0(0%)	22.6	120	32.6	27.1	0	0	10.4							
RIVERSIDE COUNTY																					
22	Norco/Corona	33155	4155	61	86	0	9(15%)	34.4	--	--	--	--	--	--							
23	Metropolitan Riverside County 1	33144	4144	119	115	0	49(41%)	47.0	348	57.7	41.5	14(4.0)	0	16.4							
23	Metropolitan Riverside County 2	33146	4146	61	135	0	35(57%)	57.4	116	43.0	39.1	4(3.4)	0	13.4							
23	Mira Loma	33165	5214	--	--	--	--	--	111	50.9	47.1	10(9.0)	0	18.2							
24	Perris Valley	33149	4149	45*	85*	0*	12(27%)*	38.3*	--	--	--	--	--	--							
25	Lake Elsinore	33158	4158	--	--	--	--	--	--	--	--	--	--	--							
29	Banning Airport	33164	4164	56	51	0	1(2%)	26.1	--	--	--	--	--	--							
30	Coachella Valley 1**	33137	4137	52	75	0	4(8%)	24.0	110	18.1	17.1	0	0	7.2							
30	Coachella Valley 2**	33157	4157	114	128	0	27(24%)	39.9	113	21.6	18.8	0	0	8.4							
SAN BERNARDINO COUNTY																					
32	Northwest San Bernardino Valley	36175	5175	--	--	--	--	--	--	--	--	--	--	--							
33	Southwest San Bernardino Valley	36025	5817	62	90	0	15(24%)	38.8	113	54.2	45.0	6(5.3)	0	15.8							
34	Central San Bernardino Valley 1	36197	5197	60	75	0	14(23%)	40.3	112	49.0	47.1	6(5.4)	0	15.4							
34	Central San Bernardino Valley 2	36203	5203	60	76	0	19(32%)	42.7	110	43.5	40.1	3(2.7)	0	13.5							
35	East San Bernardino Valley	36204	5204	61	58	0	4(7%)	29.0	--	--	--	--	--	--							
37	Central San Bernardino Mountains	36181	5181	46	46	0	0(0%)	25.0	--	--	--	--	--	--							
38	East San Bernardino Mountains	36001	5818	--	--	--	--	--	58	36.8	33.3	1(1.7)	0	9.2							
DISTRICT MAXIMUM					135	0	59	57.4		78.3	47.1	14	1	18.2							
SOUTH COAST AIR BASIN					135	0	68	57.4		78.3	47.1	28	2	18.2							

µg/m³ - Micrograms per cubic meter of air. AAM = Annual Arithmetic Mean -- - Pollutant not monitored.

* Less than 12 full months of data; may not be representative. ** Salton Sea Air Basin.

f) - PM10 samples were collected every 6 days at all sites except for Station Numbers 4144 and 4157 where samples were collected every 3 days.

g) - PM2.5 samples were collected every 3 days at all sites except for the following sites: Station Numbers 060, 072, 077, 087, 3176, and 4144 where samples were taken every day, and Station Number 5818 where samples were taken every 6 days.

h) - Total suspended particulates, lead, and sulfate were determined from samples collected every 6 days by the high volume sampler method, on glass fiber filter media.

i) - Federal annual PM10 standard (AAM > 50 µg/m³) was revoked effective December 17, 2006. State standard is annual average (AAM) > 20 µg/m³.

j) - U.S. EPA has revised the federal 24-hour PM2.5 standard from 65 µg/m³ to 35 µg/m³; effective December 17, 2006.

k) - Federal PM2.5 standard is annual average (AAM) > 15 µg/m³. State standard is annual average (AAM) > 12 µg/m³.

l) - Federal lead standard is quarterly average > 1.5 µg/m³; and state standard is monthly average ≥ 1.5 µg/m³. U.S. EPA has established the federal standard of 0.15 ug/m3, rolling 3-month average, as of October 15, 2008.

PRELIMINARY DATA

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Carbon Monoxide Modeling

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Title : BURDEN 2008 & 2030
Version : Emfac2007 V2.3 Nov 1 2006
Run Date : 2008/09/16 10:48:07
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Los Angeles County Average
I/M Stat : Enhanced Interim (2005) -- Using I/M schedule for area 59 Los Angeles (SC)
Emissions: Tons Per Day

	Light Duty Passenger Cars				Light Duty Trucks				Medium Duty Trucks				Heavy Duty Trucks - Gasoline Trucks			Heavy Duty Trucks - Diesel Trucks	Heavy Duty Trucks - Total HD Trucks	Urban Buses	Motor-cycles	All Vehicles
	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Total					
Vehicles	53488.	3319590.	10057.	3383130.	28066.	1711100.	13597.	1752760.	9384.	660504.	23882.	693770.	5831.	53389.	59220.	73865.	133086.	4283.	135702.	6102740.
VMT/1000	878.	114657.	222.	115757.	665.	63801.	439.	64905.	211.	26031.	1266.	27508.	56.	1395.	1451.	7774.	9225.	467.	1001.	218863.
Trips	216127.	21008800.	55414.	21280400.	115372.	10857700.	83427.	11056500.	84436.	6489850.	287862.	6862150.	102177.	714404.	816581.	1324740.	2141330.	17131.	271376.	41628900.
Total Organic Gas Emissions																				
Run Exh	6.67	12.96	0.06	19.69	5.21	9.32	0.06	14.59	1.79	6.81	0.26	8.85	0.46	1.66	2.13	10.09	12.22	0.67	4.24	60.26
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.13	0.00	0.04	0.05	0.71	0.76	0.00	0.00	0.89
Start Ex	1.32	12.64	0.00	13.97	0.71	7.09	0.00	7.80	0.62	6.33	0.00	6.95	1.39	1.37	2.77	0.00	2.77	0.02	0.78	32.29
Total Ex	7.99	25.60	0.06	33.65	5.92	16.41	0.06	22.39	2.41	13.27	0.26	15.94	1.86	3.08	4.94	10.80	15.75	0.69	5.03	93.45
Diurnal	0.34	2.78	0.00	3.13	0.18	1.30	0.00	1.48	0.02	0.47	0.00	0.49	0.00	0.01	0.01	0.00	0.01	0.00	0.29	5.40
Hot Soak	0.71	3.94	0.00	4.65	0.38	1.82	0.00	2.20	0.08	0.78	0.00	0.86	0.05	0.02	0.08	0.00	0.08	0.00	0.15	7.94
Running	4.28	12.13	0.00	16.41	1.48	9.50	0.00	10.98	0.31	5.30	0.00	5.60	0.54	0.37	0.91	0.00	0.91	0.01	0.88	34.79
Resting	0.25	1.71	0.00	1.96	0.13	0.83	0.00	0.96	0.01	0.31	0.00	0.32	0.00	0.00	0.01	0.00	0.01	0.00	0.17	3.42
Total	13.58	46.16	0.06	59.79	8.10	29.86	0.06	38.02	2.83	20.12	0.26	23.21	2.46	3.49	5.95	10.80	16.75	0.71	6.51	144.99
Carbon Monoxide Emissions																				
Run Exh	73.94	304.04	0.22	378.20	55.86	233.97	0.34	290.16	29.54	118.86	1.20	149.60	12.97	27.46	40.42	38.03	78.46	4.46	49.72	950.60
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.73	0.02	0.77	0.03	0.23	0.26	2.37	2.64	0.00	0.00	3.40
Start Ex	7.13	131.90	0.00	139.03	3.87	82.23	0.00	86.10	4.39	70.33	0.00	74.72	12.80	20.96	33.76	0.00	33.76	0.27	2.81	336.69
Total Ex	81.07	435.93	0.22	517.23	59.73	316.20	0.34	376.26	33.94	189.92	1.22	225.09	25.79	48.65	74.44	40.41	114.85	4.73	52.53	1290.69
Oxides of Nitrogen Emissions																				
Run Exh	4.17	29.33	0.36	33.86	3.12	30.24	0.71	34.08	1.37	20.13	8.53	30.03	0.37	6.14	6.51	130.64	137.15	9.33	1.39	245.83
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.07	0.00	0.00	0.00	5.19	5.19	0.00	0.00	5.26
Start Ex	0.34	8.75	0.00	9.09	0.18	7.13	0.00	7.31	0.12	9.61	0.00	9.73	0.20	2.69	2.89	0.00	2.89	0.03	0.09	29.15
Total Ex	4.51	38.08	0.36	42.94	3.30	37.38	0.71	41.39	1.50	29.74	8.59	39.83	0.57	8.83	9.41	135.83	145.24	9.35	1.48	280.25
Carbon Dioxide Emissions (000)																				
Run Exh	0.53	50.77	0.09	51.38	0.40	34.97	0.17	35.54	0.16	19.61	0.72	20.49	0.04	1.04	1.08	14.77	15.85	1.21	0.15	124.62
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.03	0.00	0.01	0.01	0.32	0.33	0.00	0.00	0.36
Start Ex	0.05	1.69	0.00	1.74	0.03	1.08	0.00	1.10	0.02	0.62	0.00	0.64	0.02	0.03	0.05	0.00	0.05	0.00	0.02	3.55
Total Ex	0.57	52.46	0.09	53.12	0.42	36.05	0.17	36.64	0.18	20.25	0.73	21.16	0.07	1.08	1.14	15.08	16.23	1.21	0.16	128.53
PM10 Emissions																				
Run Exh	0.03	1.40	0.04	1.47	0.03	1.56	0.03	1.62	0.01	0.65	0.06	0.72	0.00	0.01	0.02	5.72	5.74	0.15	0.05	9.74
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.00	0.00	0.10
Start Ex	0.00	0.13	0.00	0.13	0.00	0.13	0.00	0.13	0.00	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.33
Total Ex	0.04	1.53	0.04	1.61	0.03	1.69	0.03	1.75	0.01	0.71	0.06	0.78	0.00	0.02	0.02	5.82	5.84	0.15	0.05	10.18
TireWear	0.01	1.01	0.00	1.02	0.01	0.56	0.00	0.57	0.00	0.25	0.02	0.27	0.00	0.02	0.02	0.23	0.25	0.00	0.00	2.11
BrakeWr	0.01	1.59	0.00	1.60	0.01	0.88	0.01	0.90	0.00	0.36	0.02	0.38	0.00	0.02	0.02	0.19	0.21	0.01	0.01	3.10
Total	0.06	4.13	0.04	4.23	0.04	3.13	0.04	3.22	0.01	1.31	0.10	1.42	0.00	0.06	0.06	6.24	6.30	0.16	0.06	15.40
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOx	0.01	0.51	0.00	0.52	0.01	0.35	0.00	0.36	0.00	0.20	0.01	0.21	0.00	0.01	0.01	0.14	0.16	0.01	0.00	1.25
Fuel Consumption (000 gallons)																				
Gasoline	74.16	5448.59	0.00	5522.75	54.59	3746.68	0.00	3801.28	24.55	2107.61	0.00	2132.17	11.42	119.25	130.67	0.00	130.67	9.70	26.55	11623.12
Diesel	0.00	0.00	8.03	8.03	0.00	0.00	15.19	15.19	0.00	0.00	65.40	65.40	0.00	0.00	0.00	1357.64	1357.64	101.16	0.00	1547.41

Title : BURDEN 2008 & 2030
Version : Emfac2007 V2.3 Nov 1 2006
Run Date : 2008/09/16 10:48:07
Scen Year: 2030 -- All model years in the range 1986 to 2030 selected
Season : Annual
Area : Los Angeles County Average
I/M Stat : Enhanced Interim (2005) -- Using I/M schedule for area 59 Los Angeles (SC)
Emissions: Tons Per Day

	Light Duty Passenger Cars				Light Duty Trucks				Medium Duty Trucks				Heavy Duty Trucks - Gasoline Trucks			Heavy Duty Trucks - Diesel Trucks	Heavy Duty Trucks - Total HD Trucks	Urban Buses	Motor-cycles	All Vehicles
	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Total					
Vehicles	0.	4001890.	254.	4002150.	0.	2217610.	1718.	2219330.	0.	890264.	39215.	929479.	0.	85967.	85967.	111390.	197357.	5439.	178673.	7532420.
VMT/1000	0.	127668.	5.	127673.	0.	76242.	43.	76285.	0.	31776.	1859.	33634.	0.	1765.	1765.	11757.	13522.	594.	1307.	253015.
Trips	0.	24723600.	1198.	24724800.	0.	13511000.	8091.	13519100.	0.	8715590.	490349.	9205940.	0.	836623.	836623.	1996980.	2833610.	21758.	357311.	50662400.
Total Organic Gas Emissions																				
Run Exh	0.00	2.78	0.00	2.78	0.00	3.17	0.00	3.18	0.00	1.68	0.18	1.86	0.00	0.16	0.16	3.24	3.39	0.33	4.25	15.79
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.01	0.16	0.00	0.04	0.04	0.60	0.64	0.00	0.00	0.81
Start Ex	0.00	1.79	0.00	1.79	0.00	1.86	0.00	1.86	0.00	2.11	0.00	2.11	0.00	0.51	0.51	0.00	0.51	0.03	0.87	7.17
Total Ex	0.00	4.57	0.00	4.57	0.00	5.03	0.00	5.03	0.00	3.95	0.18	4.13	0.00	0.71	0.71	3.83	4.55	0.36	5.12	23.76
Diurnal	0.00	0.91	0.00	0.91	0.00	1.02	0.00	1.02	0.00	0.42	0.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.34	2.69
Hot Soak	0.00	2.39	0.00	2.39	0.00	2.03	0.00	2.03	0.00	0.92	0.00	0.92	0.00	0.02	0.02	0.00	0.02	0.00	0.12	5.48
Running	0.00	5.73	0.00	5.73	0.00	7.60	0.00	7.60	0.00	4.50	0.00	4.50	0.00	0.28	0.28	0.00	0.28	0.02	0.44	18.57
Resting	0.00	0.93	0.00	0.93	0.00	1.10	0.00	1.10	0.00	0.46	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.18	2.67
Total	0.00	14.52	0.00	14.52	0.00	16.78	0.00	16.78	0.00	10.25	0.18	10.43	0.00	1.02	1.02	3.83	4.86	0.39	6.20	53.17
Carbon Monoxide Emissions																				
Run Exh	0.00	84.99	0.00	85.00	0.00	92.75	0.03	92.78	0.00	44.93	1.52	46.45	0.00	4.28	4.28	18.43	22.71	2.62	32.67	282.23
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.04	0.98	0.00	0.26	0.26	2.92	3.18	0.00	0.00	4.15
Start Ex	0.00	27.47	0.00	27.47	0.00	27.47	0.00	27.47	0.00	26.79	0.00	26.79	0.00	8.08	8.08	0.00	8.08	0.33	4.09	94.23
Total Ex	0.00	112.46	0.00	112.47	0.00	120.22	0.03	120.25	0.00	72.65	1.56	74.21	0.00	12.62	12.62	21.34	33.97	2.96	36.77	380.62
Oxides of Nitrogen Emissions																				
Run Exh	0.00	6.20	0.01	6.21	0.00	7.97	0.07	8.04	0.00	4.84	3.04	7.87	0.00	0.90	0.90	32.24	33.13	5.12	1.59	61.97
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.11	0.12	0.00	0.00	0.00	8.60	8.60	0.00	0.00	8.72
Start Ex	0.00	1.40	0.00	1.40	0.00	1.79	0.00	1.79	0.00	7.09	0.00	7.09	0.00	1.13	1.13	0.00	1.13	0.05	0.12	11.58
Total Ex	0.00	7.60	0.01	7.60	0.00	9.76	0.07	9.83	0.00	11.94	3.15	15.09	0.00	2.03	2.03	40.84	42.87	5.17	1.72	82.27
Carbon Dioxide Emissions (000)																				
Run Exh	0.00	55.83	0.00	55.83	0.00	42.67	0.02	42.69	0.00	24.46	1.06	25.52	0.00	1.37	1.37	22.51	23.88	1.17	0.25	149.34
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.04	0.00	0.01	0.01	0.46	0.47	0.00	0.00	0.51
Start Ex	0.00	1.91	0.00	1.91	0.00	1.33	0.00	1.33	0.00	0.83	0.00	0.83	0.00	0.03	0.03	0.00	0.03	0.00	0.02	4.12
Total Ex	0.00	57.73	0.00	57.74	0.00	44.01	0.02	44.02	0.00	25.32	1.07	26.39	0.00	1.41	1.41	22.97	24.38	1.18	0.27	153.97
PM10 Emissions																				
Run Exh	0.00	1.95	0.00	1.95	0.00	2.71	0.00	2.71	0.00	1.11	0.04	1.15	0.00	0.01	0.01	1.72	1.74	0.10	0.03	7.68
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.02
Start Ex	0.00	0.17	0.00	0.17	0.00	0.20	0.00	0.20	0.00	0.10	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48
Total Ex	0.00	2.12	0.00	2.12	0.00	2.91	0.00	2.91	0.00	1.21	0.04	1.25	0.00	0.02	0.02	1.74	1.76	0.10	0.03	8.18
TireWear	0.00	1.13	0.00	1.13	0.00	0.67	0.00	0.67	0.00	0.31	0.02	0.33	0.00	0.02	0.02	0.35	0.38	0.01	0.01	2.52
BrakeWr	0.00	1.77	0.00	1.77	0.00	1.05	0.00	1.05	0.00	0.44	0.03	0.47	0.00	0.03	0.03	0.29	0.32	0.01	0.01	3.62
Total	0.00	5.02	0.00	5.02	0.00	4.64	0.00	4.64	0.00	1.95	0.09	2.05	0.00	0.07	0.07	2.39	2.46	0.11	0.05	14.32
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOx	0.00	0.56	0.00	0.56	0.00	0.42	0.00	0.42	0.00	0.24	0.01	0.25	0.00	0.01	0.01	0.22	0.23	0.01	0.00	1.48
Fuel Consumption (000 gallons)																				
Gasoline	0.00	5929.99	0.00	5929.99	0.00	4525.98	0.00	4525.98	0.00	2604.83	0.00	2604.83	0.00	146.55	146.55	0.00	146.55	20.51	34.87	13262.73
Diesel	0.00	0.00	0.16	0.16	0.00	0.00	1.47	1.47	0.00	0.00	96.16	96.16	0.00	0.00	0.00	2067.46	2067.46	88.10	0.00	2253.36

Title   : EMFAC 2008 & 2030
Version : Emfac2007 V2.3 Nov 1 2006
Run Date : 2008/09/16 10:48:07
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season   : Annual
Area   : Los Angeles
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006

County Average Los Angeles County Average

Table 1: Running Exhaust Emissions (grams/mile; grams/idle-hour)

Pollutant Name: Carbon Monoxide Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
0	0.000	0.000	23.201	45.489	0.000	0.000	5.129
20	3.749	4.697	5.694	11.048	10.245	24.978	4.746

Title   : EMFAC 2008 & 2030
Version : Emfac2007 V2.3 Nov 1 2006
Run Date : 2008/09/16 10:48:07
Scen Year: 2030 -- All model years in the range 1986 to 2030 selected
Season   : Annual
Area   : Los Angeles
****

Year: 2030 -- Model Years 1986 to 2030 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006

County Average | Los Angeles | County Average

Table 1: Running Exhaust Emissions (grams/mile; grams/idle-hour)

Pollutant Name: Carbon Monoxide Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
0	0.000	0.000	23.690	39.598	0.000	0.000	5.472
20	0.752	1.305	1.474	1.700	4.726	15.975	1.166

Title : Crenshaw-Prairie Transit
Version : Emfac2007 V2.3 Nov 1 2006
Run Date : 2008/01/30 15:29:19
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : January
Area : Los Angeles County Average
I/M Stat : Enhanced Interim (2005) -- Using I/M schedule for area 59 Los Angeles (SC)
Emissions: Tons Per Day

	Light Duty Passenger Cars				Light Duty Trucks				Medium Duty Trucks				Heavy Duty Trucks - Gasoline Trucks			Heavy Duty Trucks - Diesel Trucks	Total HD Trucks	Urban Buses	Motor-cycles	All Vehicles
	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Total					
Vehicles	53488.	3319590.	10057.	3383130.	28066.	1711100.	13597.	1752760.	9384.	660504.	23882.	693770.	5831.	53389.	59220.	73865.	133086.	4283.	135702.	6102740.
VMT/1000	878.	114657.	222.	115757.	665.	63801.	439.	64905.	211.	26031.	1266.	27508.	56.	1395.	1451.	7774.	9225.	467.	1001.	218863.
Trips	216127.	21008800.	55414.	21280400.	115372.	10857700.	83427.	11056500.	84436.	6489850.	287862.	6862150.	102177.	714404.	816581.	1324740.	2141330.	17131.	271376.	41628900.
Total Organic Gas Emissions																				
Run Exh	7.33	12.61	0.06	19.99	5.75	9.11	0.06	14.91	1.97	6.63	0.26	8.85	0.51	1.61	2.12	10.09	12.21	0.66	4.59	61.22
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.13	0.00	0.04	0.05	0.77	0.82	0.00	0.00	0.95
Start Ex	1.61	15.11	0.00	16.72	0.86	8.47	0.00	9.33	0.78	7.61	0.00	8.39	1.79	1.65	3.45	0.00	3.45	0.02	0.96	38.86
Total Ex	8.93	27.72	0.06	36.71	6.61	17.57	0.06	24.24	2.75	14.37	0.26	17.38	2.31	3.30	5.61	10.86	16.48	0.69	5.55	101.03
Diurnal	0.14	1.24	0.00	1.38	0.07	0.58	0.00	0.65	0.01	0.21	0.00	0.22	0.00	0.01	0.01	0.00	0.01	0.00	0.11	2.37
Hot Soak	0.95	4.40	0.00	5.36	0.52	2.04	0.00	2.55	0.11	0.88	0.00	0.99	0.07	0.03	0.10	0.00	0.10	0.00	0.20	9.20
Running	4.83	14.57	0.00	19.40	1.69	11.97	0.00	13.66	0.34	6.33	0.00	6.67	0.57	0.40	0.98	0.00	0.98	0.02	1.03	41.76
Resting	0.09	0.78	0.00	0.87	0.05	0.37	0.00	0.42	0.01	0.14	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.06	1.50
Total	14.95	48.71	0.06	63.72	8.94	32.53	0.06	41.53	3.21	21.93	0.26	25.39	2.96	3.74	6.70	10.86	17.56	0.71	6.95	155.86
Carbon Monoxide Emissions																				
Run Exh	82.73	295.04	0.22	377.99	62.91	228.13	0.34	291.37	33.28	116.02	1.20	150.50	14.80	26.59	41.39	38.03	79.42	4.50	55.27	959.06
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.73	0.02	0.77	0.03	0.23	0.26	3.21	3.47	0.00	0.00	4.24
Start Ex	7.50	166.27	0.00	173.77	4.07	103.63	0.00	107.70	4.52	91.52	0.00	96.03	12.89	27.88	40.77	0.00	40.77	0.33	3.21	421.82
Total Ex	90.22	461.32	0.22	551.76	66.98	331.76	0.34	399.07	37.81	208.27	1.22	247.30	27.72	54.71	82.42	41.24	123.66	4.83	58.48	1385.11
Oxides of Nitrogen Emissions																				
Run Exh	4.71	33.76	0.37	38.85	3.54	34.84	0.74	39.12	1.55	23.02	8.91	33.48	0.42	6.91	7.33	136.64	143.97	9.78	1.58	266.78
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.07	0.00	0.00	0.00	4.96	4.96	0.00	0.00	5.03
Start Ex	0.36	9.49	0.00	9.86	0.19	7.74	0.00	7.93	0.13	10.25	0.00	10.38	0.22	2.85	3.06	0.00	3.06	0.03	0.10	31.37
Total Ex	5.07	43.26	0.37	48.70	3.73	42.58	0.74	47.05	1.69	33.28	8.97	43.94	0.64	9.76	10.40	141.60	152.00	9.81	1.68	303.18
Carbon Dioxide Emissions (000)																				
Run Exh	0.52	49.54	0.09	50.15	0.39	34.16	0.17	34.73	0.16	19.22	0.72	20.10	0.04	1.04	1.08	14.77	15.85	1.21	0.15	122.19
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.03	0.00	0.01	0.01	0.30	0.30	0.00	0.00	0.33
Start Ex	0.05	1.69	0.00	1.74	0.03	1.08	0.00	1.10	0.02	0.62	0.00	0.64	0.02	0.03	0.05	0.00	0.05	0.00	0.02	3.55
Total Ex	0.57	51.23	0.09	51.89	0.42	35.24	0.17	35.83	0.18	19.86	0.73	20.77	0.07	1.08	1.14	15.06	16.21	1.21	0.16	126.07
PM10 Emissions																				
Run Exh	0.03	1.40	0.04	1.47	0.03	1.56	0.03	1.62	0.01	0.65	0.06	0.72	0.00	0.01	0.02	5.72	5.74	0.15	0.05	9.74
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.12	0.00	0.00	0.12
Start Ex	0.00	0.13	0.00	0.13	0.00	0.13	0.00	0.13	0.00	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.33
Total Ex	0.04	1.53	0.04	1.61	0.03	1.69	0.03	1.75	0.01	0.71	0.06	0.78	0.00	0.02	0.02	5.85	5.86	0.15	0.05	10.20
TireWear	0.01	1.01	0.00	1.02	0.01	0.56	0.00	0.57	0.00	0.25	0.02	0.27	0.00	0.02	0.02	0.23	0.25	0.00	0.00	2.11
BrakeWr	0.01	1.59	0.00	1.60	0.01	0.88	0.01	0.90	0.00	0.36	0.02	0.38	0.00	0.02	0.02	0.19	0.21	0.01	0.01	3.10
Total	0.06	4.13	0.04	4.23	0.04	3.13	0.04	3.22	0.01	1.31	0.10	1.42	0.00	0.06	0.06	6.26	6.32	0.16	0.06	15.42
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOx	0.01	0.50	0.00	0.51	0.01	0.34	0.00	0.35	0.00	0.19	0.01	0.20	0.00	0.01	0.01	0.14	0.16	0.01	0.00	1.23
Fuel Consumption (000 gallons)																				
Gasoline	75.47	5327.65	0.00	5403.13	55.79	3666.61	0.00	3722.39	25.21	2071.53	0.00	2096.75	11.87	120.29	132.16	0.00	132.16	9.71	27.67	11391.81
Diesel	0.00	0.00	8.03	8.03	0.00	0.00	15.19	15.19	0.00	0.00	65.40	65.40	0.00	0.00	0.00	1355.56	1355.56	101.16	0.00	1545.34

Title : Crenshaw-Prairie Transit
Version : Emfac2007 V2.3 Nov 1 2006
Run Date : 2008/01/30 15:29:19
Scen Year: 2030 -- All model years in the range 1986 to 2030 selected
Season : January

Area : Los Angeles County Average
I/M Stat : Enhanced Interim (2005) -- Using I/M schedule for area 59 Los Angeles (SC)
Emissions: Tons Per Day

	Light Duty Passenger Cars				Light Duty Trucks				Medium Duty Trucks				Heavy Duty Trucks - Gasoline Trucks			Diesel Trucks	Total HD Trucks	Urban Buses	Motor-cycles	All Vehicles
	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Total					
Vehicles	0.	4001890.	254.	4002150.	0.	2217610.	1718.	2219330.	0.	890264.	39215.	929479.	0.	85967.	85967.	111390.	197357.	5439.	178673.	7532420.
VMT/1000	0.	127668.	5.	127673.	0.	76242.	43.	76285.	0.	31776.	1859.	33634.	0.	1765.	1765.	11757.	13522.	594.	1307.	253015.
Trips	0.	24723600.	1198.	24724800.	0.	13511000.	8091.	13519100.	0.	8715590.	490349.	9205940.	0.	836623.	836623.	1996980.	2833610.	21758.	357311.	50662400.
Total Organic Gas Emissions																				
Run Exh	0.00	2.68	0.00	2.68	0.00	3.06	0.00	3.07	0.00	1.62	0.18	1.80	0.00	0.15	0.15	3.24	3.39	0.33	4.40	15.66
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.01	0.16	0.00	0.04	0.04	0.65	0.69	0.00	0.00	0.85
Start Ex	0.00	2.14	0.00	2.14	0.00	2.21	0.00	2.21	0.00	2.49	0.00	2.49	0.00	0.60	0.60	0.00	0.60	0.03	1.02	8.49
Total Ex	0.00	4.82	0.00	4.82	0.00	5.27	0.00	5.28	0.00	4.27	0.18	4.45	0.00	0.79	0.79	3.88	4.68	0.37	5.42	25.01
Diurnal	0.00	0.54	0.00	0.54	0.00	0.55	0.00	0.55	0.00	0.22	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.14	1.45
Hot Soak	0.00	2.46	0.00	2.46	0.00	2.08	0.00	2.08	0.00	0.95	0.00	0.95	0.00	0.02	0.02	0.00	0.02	0.00	0.14	5.65
Running	0.00	6.84	0.00	6.84	0.00	9.33	0.00	9.33	0.00	5.36	0.00	5.36	0.00	0.31	0.31	0.00	0.31	0.03	0.56	22.43
Resting	0.00	0.59	0.00	0.59	0.00	0.65	0.00	0.65	0.00	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.07	1.58
Total	0.00	15.24	0.00	15.24	0.00	17.88	0.00	17.89	0.00	11.07	0.18	11.25	0.00	1.13	1.13	3.88	5.01	0.39	6.32	56.11
Carbon Monoxide Emissions																				
Run Exh	0.00	82.03	0.00	82.03	0.00	89.66	0.03	89.70	0.00	43.44	1.52	44.96	0.00	4.17	4.17	18.43	22.60	2.58	35.44	277.30
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.04	0.98	0.00	0.26	0.26	3.92	4.18	0.00	0.00	5.16
Start Ex	0.00	34.63	0.00	34.63	0.00	34.62	0.00	34.62	0.00	34.27	0.00	34.27	0.00	10.47	10.47	0.00	10.47	0.41	4.92	119.33
Total Ex	0.00	116.66	0.00	116.66	0.00	124.29	0.03	124.32	0.00	78.65	1.56	80.21	0.00	14.91	14.91	22.35	37.26	2.99	40.36	401.79
Oxides of Nitrogen Emissions																				
Run Exh	0.00	7.13	0.01	7.13	0.00	9.17	0.07	9.24	0.00	5.53	3.17	8.70	0.00	1.01	1.01	33.72	34.73	5.38	1.80	66.99
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.11	0.12	0.00	0.00	0.00	8.21	8.22	0.00	0.00	8.34
Start Ex	0.00	1.52	0.00	1.52	0.00	1.94	0.00	1.94	0.00	7.52	0.00	7.52	0.00	1.19	1.19	0.00	1.19	0.06	0.13	12.35
Total Ex	0.00	8.64	0.01	8.65	0.00	11.11	0.07	11.18	0.00	13.06	3.28	16.34	0.00	2.20	2.20	41.94	44.14	5.44	1.93	87.68
Carbon Dioxide Emissions (000)																				
Run Exh	0.00	54.45	0.00	54.45	0.00	41.66	0.02	41.68	0.00	23.98	1.06	25.05	0.00	1.37	1.37	22.51	23.88	1.17	0.25	146.47
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.04	0.00	0.01	0.01	0.43	0.44	0.00	0.00	0.48
Start Ex	0.00	1.91	0.00	1.91	0.00	1.33	0.00	1.33	0.00	0.83	0.00	0.83	0.00	0.03	0.03	0.00	0.03	0.00	0.02	4.12
Total Ex	0.00	56.35	0.00	56.36	0.00	42.99	0.02	43.01	0.00	24.85	1.07	25.91	0.00	1.41	1.41	22.94	24.35	1.18	0.27	151.07
PM10 Emissions																				
Run Exh	0.00	1.95	0.00	1.95	0.00	2.71	0.00	2.71	0.00	1.11	0.04	1.15	0.00	0.01	0.01	1.72	1.74	0.10	0.03	7.68
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.02
Start Ex	0.00	0.17	0.00	0.17	0.00	0.20	0.00	0.20	0.00	0.10	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48
Total Ex	0.00	2.12	0.00	2.12	0.00	2.91	0.00	2.91	0.00	1.21	0.04	1.25	0.00	0.02	0.02	1.74	1.76	0.10	0.03	8.18
TireWear	0.00	1.13	0.00	1.13	0.00	0.67	0.00	0.67	0.00	0.31	0.02	0.33	0.00	0.02	0.02	0.35	0.38	0.01	0.01	2.52
BrakeWr	0.00	1.77	0.00	1.77	0.00	1.05	0.00	1.05	0.00	0.44	0.03	0.47	0.00	0.03	0.03	0.29	0.32	0.01	0.01	3.62
Total	0.00	5.02	0.00	5.02	0.00	4.64	0.00	4.64	0.00	1.95	0.09	2.05	0.00	0.07	0.07	2.39	2.46	0.11	0.05	14.32
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOx	0.00	0.54	0.00	0.54	0.00	0.41	0.00	0.41	0.00	0.24	0.01	0.25	0.00	0.01	0.01	0.22	0.23	0.01	0.00	1.45
Fuel Consumption (000 gallons)																				
Gasoline	0.00	5789.53	0.00	5789.53	0.00	4422.97	0.00	4422.97	0.00	2557.54	0.00	2557.54	0.00	146.95	146.95	0.00	146.95	20.52	35.54	12973.04
Diesel	0.00	0.00	0.16	0.16	0.00	0.00	1.47	1.47	0.00	0.00	96.16	96.16	0.00	0.00	0.00	2064.45	2064.45	88.10	0.00	2250.35

TAHA AIR QUALITY ASSUMPTIONS & INPUTS

Project:	Crenshaw Prairie Transit
Project Number:	2006-126
Existing Year:	2008
Analysis Year:	2030
Existing VMT (from EMFAC2007):	218,863,000
Project VMT (from EMFAC2007):	253,015,000
EMFAC Model:	EMFAC2002
Existing CO Emissions:	1,290.690
Project Year CO Emissions:	380.620
Persistence Factor:	0.7
Existing 8-Hr Ambient CO Concentration (ppm):	3.10
Existing 1-Hr Ambient CO Concentration (ppm):	4.00

EMFAC Assumptions	
Season/Month:	Annual
Temperature:	63^{o}F
Speed:	20 mph

Source: Transportation Project-Level Carbon Monoxide Protocol, 12/1997

CAL3QHC INPUTS			
Project Scenario:	Existing	Future Pre-Project	Future Project
Project Year:	2008	2030	2030
Average Time (seconds):	60	60	60
Surface Roughness Factor:	100	100	100
Emissions Factor - Free Flow Link (g/veh-mile):	4.746	1.166	1.166
Emissions Factor - Idle (g/veh-hr):	5.129	5.472	5.472
Saturation Flow Rate (veh/hr):	1600	1600	1600
Receptor Height (Z-Coordinate) (feet):	5.4	5.4	5.4
Wind Speed (m/s):	1	1	1
Stability Class:	F	F	F
Ambient 1-Hr CO Concentration (ppm):	4.00	1.36	1.36
Ambient 8-Hr CO Concentration (ppm):	3.10	1.06	1.06

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - Existing 2008

DATE : 9/16/ 8
TIME : 13:58:48

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	1319.	4.8	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	978.	4.8	.0	44.0		
3. nbq	524.0	440.0	524.0	377.0	63.	180.	AG	32.	100.0	.0	48.0	.62	3.2
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	692.	4.8	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	764.	4.8	.0	44.0		
6. sbq	476.0	560.0	476.0	526.9	33.	180.	AG	32.	100.0	.0	48.0	.32	1.7
7. eba	.0	470.0	500.0	470.0	500.	90.	AG	1276.	4.8	.0	80.0		
8. ebd	500.0	470.0	1000.0	470.0	500.	90.	AG	1091.	4.8	.0	68.0		
9. ebq	452.0	470.0	421.3	470.0	31.	270.	AG	25.	100.0	.0	80.0	.29	1.6
10. wba	1000.0	530.0	500.0	530.0	500.	270.	AG	1867.	4.8	.0	80.0		
11. wbd	500.0	530.0	.0	530.0	500.	270.	AG	2321.	4.8	.0	68.0		
12. wbq	548.0	530.0	592.9	530.0	45.	90.	AG	25.	100.0	.0	60.0	.42	2.3

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - Existing 2008

DATE : 9/16/ 8
TIME : 13:58:48

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	35	3.0	1319	1600	5.13	3	3
6. sbq	60	35	3.0	692	1600	5.13	3	3
9. ebq	60	22	3.0	1276	1600	5.13	3	3
12. wbq	60	22	3.0	1867	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	570.0	5.4
2. ne	558.0	570.0	5.4
3. sw	442.0	430.0	5.4
4. se	558.0	430.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - Existing 2008

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.2	.1	.6	.7
10.	.4	.0	.8	.3
20.	.4	.0	.8	.3
30.	.3	.0	.7	.4
40.	.2	.0	.5	.4
50.	.2	.0	.7	.4
60.	.2	.0	.6	.4
70.	.2	.0	.8	.6
80.	.2	.1	.8	.5
90.	.5	.4	.6	.2
100.	.9	.7	.3	.0
110.	1.0	.7	.3	.0
120.	.8	.5	.3	.0
130.	.9	.4	.3	.0
140.	.8	.4	.3	.0
150.	1.0	.5	.4	.0
160.	.8	.5	.4	.0
170.	.9	.4	.3	.1
180.	.6	.8	.1	.3
190.	.4	.9	.0	.6
200.	.4	.8	.0	.6
210.	.4	.8	.0	.5
220.	.5	.8	.0	.5
230.	.5	.6	.0	.4
240.	.7	.9	.0	.4
250.	.8	1.1	.0	.4
260.	.9	1.2	.1	.4
270.	.3	.7	.3	.6
280.	.0	.2	.6	1.1
290.	.0	.2	.6	.9
300.	.0	.2	.6	.8
310.	.0	.3	.5	.7
320.	.0	.3	.4	.6
330.	.0	.3	.4	.8
340.	.0	.4	.5	.8
350.	.0	.4	.5	.9
360.	.2	.1	.6	.7
MAX	1.0	1.2	.8	1.1
DEGR.	110	260	10	280

THE HIGHEST CONCENTRATION OF 1.20 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - No Build 2030

DATE : 9/16/ 8
TIME : 14: 2:17

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	1717.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	1139.	1.2	.0	44.0		
3. nbq	524.0	440.0	524.0	332.8	107.	180.	AG	35.	100.0	.0	48.0	.85	5.4
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	883.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	896.	1.2	.0	44.0		
6. sbq	476.0	560.0	476.0	516.7	43.	180.	AG	35.	100.0	.0	48.0	.43	2.2
7. eba	.0	470.0	500.0	470.0	500.	90.	AG	1703.	1.2	.0	80.0		
8. ebd	500.0	470.0	1000.0	470.0	500.	90.	AG	1525.	1.2	.0	68.0		
9. ebq	452.0	470.0	413.0	470.0	39.	270.	AG	26.	100.0	.0	80.0	.38	2.0
10. wba	1000.0	530.0	500.0	530.0	500.	270.	AG	2643.	1.2	.0	80.0		
11. wbd	500.0	530.0	.0	530.0	500.	270.	AG	3386.	1.2	.0	68.0		
12. wbq	548.0	530.0	608.6	530.0	61.	90.	AG	26.	100.0	.0	60.0	.58	3.1

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - No Build 2030

DATE : 9/16/ 8
TIME : 14: 2:17

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	36	3.0	1717	1600	5.47	3	3
6. sbq	60	36	3.0	883	1600	5.47	3	3
9. ebq	60	21	3.0	1703	1600	5.47	3	3
12. wbq	60	21	3.0	2643	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	570.0	5.4
2. ne	558.0	570.0	5.4
3. sw	442.0	430.0	5.4
4. se	558.0	430.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - No Build 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.0	.3	.2
10.	.1	.0	.4	.2
20.	.1	.0	.3	.2
30.	.0	.0	.1	.2
40.	.0	.0	.2	.2
50.	.0	.0	.2	.2
60.	.0	.0	.1	.2
70.	.0	.0	.2	.2
80.	.0	.0	.2	.1
90.	.1	.1	.2	.1
100.	.2	.2	.1	.0
110.	.4	.3	.1	.0
120.	.3	.1	.1	.0
130.	.2	.2	.1	.0
140.	.2	.2	.1	.0
150.	.4	.2	.1	.0
160.	.4	.2	.2	.0
170.	.3	.2	.1	.0
180.	.1	.3	.0	.1
190.	.1	.3	.0	.3
200.	.1	.2	.0	.2
210.	.1	.1	.0	.2
220.	.1	.1	.0	.2
230.	.1	.1	.0	.2
240.	.3	.4	.0	.2
250.	.3	.5	.0	.2
260.	.3	.3	.0	.2
270.	.1	.1	.1	.3
280.	.0	.0	.2	.4
290.	.0	.0	.2	.3
300.	.0	.0	.2	.2
310.	.0	.0	.2	.2
320.	.0	.1	.2	.2
330.	.0	.1	.3	.2
340.	.0	.1	.3	.3
350.	.0	.1	.3	.4
360.	.1	.0	.3	.2
MAX	.4	.5	.4	.4
DEGR.	110	250	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - BRT 2030

DATE : 9/16/ 8
TIME : 14: 4:10

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	1724.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	1143.	1.2	.0	44.0		
3. nbq	524.0	440.0	524.0	331.4	109.	180.	AG	35.	100.0	.0	48.0	.85	5.5
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	889.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	905.	1.2	.0	44.0		
6. sbq	476.0	560.0	476.0	516.3	44.	180.	AG	35.	100.0	.0	48.0	.44	2.2
7. eba	.0	470.0	500.0	470.0	500.	90.	AG	1705.	1.2	.0	80.0		
8. ebd	500.0	470.0	1000.0	470.0	500.	90.	AG	1524.	1.2	.0	68.0		
9. ebq	452.0	470.0	412.8	470.0	39.	270.	AG	26.	100.0	.0	80.0	.38	2.0
10. wba	1000.0	530.0	500.0	530.0	500.	270.	AG	2656.	1.2	.0	80.0		
11. wbd	500.0	530.0	.0	530.0	500.	270.	AG	3402.	1.2	.0	68.0		
12. wbq	548.0	530.0	609.0	530.0	61.	90.	AG	26.	100.0	.0	60.0	.59	3.1

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - BRT 2030

DATE : 9/16/ 8
TIME : 14: 4:10

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	36	3.0	1724	1600	5.47	3	3
6. sbq	60	36	3.0	889	1600	5.47	3	3
9. ebq	60	21	3.0	1705	1600	5.47	3	3
12. wbq	60	21	3.0	2656	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	570.0	5.4
2. ne	558.0	570.0	5.4
3. sw	442.0	430.0	5.4
4. se	558.0	430.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - BRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.0	.3	.2
10.	.1	.0	.4	.2
20.	.1	.0	.3	.2
30.	.0	.0	.1	.2
40.	.0	.0	.2	.2
50.	.0	.0	.2	.2
60.	.0	.0	.1	.2
70.	.0	.0	.2	.2
80.	.0	.0	.2	.1
90.	.1	.1	.2	.1
100.	.2	.2	.1	.0
110.	.4	.3	.1	.0
120.	.3	.1	.1	.0
130.	.2	.2	.1	.0
140.	.2	.2	.1	.0
150.	.4	.2	.1	.0
160.	.4	.2	.2	.0
170.	.3	.2	.1	.0
180.	.1	.3	.0	.1
190.	.1	.3	.0	.3
200.	.1	.2	.0	.2
210.	.1	.1	.0	.2
220.	.1	.1	.0	.2
230.	.1	.1	.0	.2
240.	.3	.4	.0	.2
250.	.3	.5	.0	.2
260.	.3	.3	.0	.2
270.	.1	.1	.1	.3
280.	.0	.0	.2	.4
290.	.0	.0	.2	.3
300.	.0	.0	.2	.2
310.	.0	.0	.2	.2
320.	.0	.1	.2	.2
330.	.0	.1	.3	.2
340.	.0	.1	.3	.3
350.	.0	.1	.3	.4
360.	.1	.0	.3	.2
MAX	.4	.5	.4	.4
DEGR.	110	250	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - TSM 2030

DATE : 9/16/ 8
TIME : 14: 6:15

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	1715.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	1142.	1.2	.0	44.0		
3. nbq	524.0	440.0	524.0	333.5	106.	180.	AG	35.	100.0	.0	48.0	.85	5.4
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	880.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	895.	1.2	.0	44.0		
6. sbq	476.0	560.0	476.0	516.7	43.	180.	AG	35.	100.0	.0	48.0	.43	2.2
7. eba	.0	470.0	500.0	470.0	500.	90.	AG	1699.	1.2	.0	80.0		
8. ebd	500.0	470.0	1000.0	470.0	500.	90.	AG	1519.	1.2	.0	68.0		
9. ebq	452.0	470.0	413.1	470.0	39.	270.	AG	26.	100.0	.0	80.0	.37	2.0
10. wba	1000.0	530.0	500.0	530.0	500.	270.	AG	2635.	1.2	.0	80.0		
11. wbd	500.0	530.0	.0	530.0	500.	270.	AG	3373.	1.2	.0	68.0		
12. wbq	548.0	530.0	608.5	530.0	61.	90.	AG	26.	100.0	.0	60.0	.58	3.1

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - TSM 2030

DATE : 9/16/ 8
TIME : 14: 6:15

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	36	3.0	1715	1600	5.47	3	3
6. sbq	60	36	3.0	880	1600	5.47	3	3
9. ebq	60	21	3.0	1699	1600	5.47	3	3
12. wbq	60	21	3.0	2635	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	570.0	5.4
2. ne	558.0	570.0	5.4
3. sw	442.0	430.0	5.4
4. se	558.0	430.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - TSM 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.0	.3	.2
10.	.1	.0	.4	.1
20.	.1	.0	.3	.2
30.	.0	.0	.1	.2
40.	.0	.0	.2	.2
50.	.0	.0	.2	.2
60.	.0	.0	.1	.2
70.	.0	.0	.2	.2
80.	.0	.0	.2	.1
90.	.1	.1	.2	.1
100.	.2	.2	.1	.0
110.	.4	.3	.1	.0
120.	.3	.1	.1	.0
130.	.2	.2	.1	.0
140.	.2	.2	.1	.0
150.	.4	.2	.1	.0
160.	.4	.2	.2	.0
170.	.3	.2	.1	.0
180.	.1	.3	.0	.1
190.	.1	.3	.0	.3
200.	.1	.2	.0	.2
210.	.1	.1	.0	.2
220.	.1	.1	.0	.2
230.	.1	.1	.0	.2
240.	.3	.4	.0	.2
250.	.3	.5	.0	.2
260.	.3	.3	.0	.2
270.	.1	.1	.1	.3
280.	.0	.0	.2	.4
290.	.0	.0	.2	.3
300.	.0	.0	.2	.2
310.	.0	.0	.2	.2
320.	.0	.1	.2	.2
330.	.0	.1	.3	.2
340.	.0	.1	.3	.3
350.	.0	.1	.3	.4
360.	.1	.0	.3	.2
MAX	.4	.5	.4	.4
DEGR.	110	250	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - LRT 2030

DATE : 9/17/ 8
TIME : 11:12:42

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	1712.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	1137.	1.2	.0	44.0		
3. nbq	524.0	440.0	524.0	333.5	106.	180.	AG	35.	100.0	.0	48.0	.85	5.4
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	878.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	890.	1.2	.0	44.0		
6. sbq	476.0	560.0	476.0	516.9	43.	180.	AG	35.	100.0	.0	48.0	.43	2.2
7. eba	.0	470.0	500.0	470.0	500.	90.	AG	1691.	1.2	.0	80.0		
8. ebd	500.0	470.0	1000.0	470.0	500.	90.	AG	1513.	1.2	.0	68.0		
9. ebq	452.0	470.0	413.2	470.0	39.	270.	AG	26.	100.0	.0	80.0	.37	2.0
10. wba	1000.0	530.0	500.0	530.0	500.	270.	AG	2637.	1.2	.0	80.0		
11. wbd	500.0	530.0	.0	530.0	500.	270.	AG	3378.	1.2	.0	68.0		
12. wbq	548.0	530.0	608.5	530.0	61.	90.	AG	26.	100.0	.0	60.0	.58	3.1

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - LRT 2030

DATE : 9/17/ 8
TIME : 11:12:42

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	36	3.0	1712	1600	5.47	3	3
6. sbq	60	36	3.0	878	1600	5.47	3	3
9. ebq	60	21	3.0	1691	1600	5.47	3	3
12. wbq	60	21	3.0	2637	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	570.0	5.4
2. ne	558.0	570.0	5.4
3. sw	442.0	430.0	5.4
4. se	558.0	430.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - LRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.0	.3	.2
10.	.1	.0	.4	.1
20.	.1	.0	.3	.2
30.	.0	.0	.1	.2
40.	.0	.0	.2	.2
50.	.0	.0	.2	.2
60.	.0	.0	.1	.2
70.	.0	.0	.2	.2
80.	.0	.0	.2	.1
90.	.1	.1	.2	.1
100.	.2	.2	.1	.0
110.	.4	.3	.1	.0
120.	.3	.1	.1	.0
130.	.2	.2	.1	.0
140.	.2	.2	.1	.0
150.	.4	.2	.1	.0
160.	.4	.2	.2	.0
170.	.3	.2	.1	.0
180.	.1	.3	.0	.1
190.	.1	.3	.0	.3
200.	.1	.2	.0	.2
210.	.1	.1	.0	.2
220.	.1	.1	.0	.2
230.	.1	.1	.0	.2
240.	.3	.4	.0	.2
250.	.3	.5	.0	.2
260.	.3	.3	.0	.2
270.	.1	.1	.1	.3
280.	.0	.0	.2	.4
290.	.0	.0	.2	.3
300.	.0	.0	.2	.2
310.	.0	.0	.2	.2
320.	.0	.1	.2	.2
330.	.0	.1	.3	.2
340.	.0	.1	.3	.3
350.	.0	.1	.3	.4
360.	.1	.0	.3	.2
MAX	.4	.5	.4	.4
DEGR.	110	250	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - Existing 2008

DATE : 9/16/ 8
TIME : 14:20: 6

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2355.	4.8	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2352.	4.8	.0	56.0		
3. nbq	524.0	464.0	524.0	402.9	61.	180.	AG	17.	100.0	.0	48.0	.61	3.1
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1476.	4.8	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1321.	4.5	.0	56.0		
6. sbq	476.0	536.0	476.0	574.3	38.	360.	AG	17.	100.0	.0	48.0	.38	1.9
7. eba	.0	482.0	500.0	482.0	500.	90.	AG	732.	4.8	.0	56.0		
8. ebd	500.0	482.0	1000.0	482.0	500.	90.	AG	660.	4.8	.0	44.0		
9. ebq	452.0	482.0	401.3	482.0	51.	270.	AG	26.	100.0	.0	36.0	.54	2.6
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	1258.	4.8	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	1488.	4.8	.0	44.0		
12. wbq	548.0	518.0	685.9	518.0	138.	90.	AG	26.	100.0	.0	36.0	.92	7.0

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - Existing 2008

DATE : 9/16/ 8
TIME : 14:20: 6

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	19	3.0	2355	1600	5.13	1	3
6. sbq	60	19	3.0	1476	1600	5.13	3	3
9. ebq	60	38	3.0	732	1600	5.13	3	3
12. wbq	60	38	3.0	1258	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	558.0	546.0	5.4
3. sw	442.0	454.0	5.4
4. se	558.0	454.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - Existing 2008

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.4	.4	.8	.8
10.	.9	.0	1.3	.3
20.	.8	.0	1.1	.3
30.	.6	.0	.9	.4
40.	.6	.0	.8	.4
50.	.5	.0	.8	.4
60.	.5	.0	.8	.5
70.	.6	.0	.9	.4
80.	.5	.1	.9	.5
90.	.8	.4	.7	.1
100.	1.1	.7	.4	.0
110.	.9	.6	.4	.0
120.	.8	.5	.5	.0
130.	.8	.5	.5	.0
140.	1.0	.4	.5	.0
150.	1.0	.4	.6	.0
160.	1.1	.4	.8	.0
170.	1.1	.5	.7	.1
180.	.8	.9	.2	.6
190.	.4	1.4	.0	1.0
200.	.4	1.2	.0	.9
210.	.3	1.0	.0	.7
220.	.4	.9	.0	.7
230.	.4	.8	.0	.6
240.	.4	1.0	.0	.6
250.	.6	1.0	.0	.5
260.	.7	1.2	.0	.5
270.	.3	.9	.2	.9
280.	.0	.4	.5	1.0
290.	.0	.5	.5	.9
300.	.0	.6	.5	1.0
310.	.0	.6	.4	.9
320.	.0	.6	.4	1.0
330.	.0	.7	.4	1.0
340.	.0	.9	.4	1.2
350.	.1	1.0	.4	1.4
360.	.4	.4	.8	.8
MAX	1.1	1.4	1.3	1.4
DEGR.	100	190	10	350

THE HIGHEST CONCENTRATION OF 1.40 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - No Build 2030

DATE : 9/16/ 8
TIME : 15: 4:28

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2769.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2700.	1.2	.0	56.0		
3. nbq	524.0	464.0	524.0	388.3	76.	180.	AG	20.	100.0	.0	48.0	.74	3.8
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1856.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1616.	1.2	.0	56.0		
6. sbq	476.0	536.0	476.0	586.7	51.	360.	AG	20.	100.0	.0	48.0	.50	2.6
7. eba	.0	482.0	500.0	482.0	500.	90.	AG	903.	1.2	.0	56.0		
8. ebd	500.0	482.0	1000.0	482.0	500.	90.	AG	839.	1.2	.0	44.0		
9. ebq	452.0	482.0	391.1	482.0	61.	270.	AG	27.	100.0	.0	36.0	.63	3.1
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	1686.	1.2	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	2059.	1.2	.0	44.0		
12. wbq	548.0	518.0	1604.3	518.0	1056.	90.	AG	27.	100.0	.0	36.0	1.17	53.7

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - No Build 2030

DATE : 9/16/ 8
TIME : 15: 4:28

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	20	3.0	2769	1600	5.47	1	3
6. sbq	60	20	3.0	1856	1600	5.47	3	3
9. ebq	60	37	3.0	903	1600	5.47	3	3
12. wbq	60	37	3.0	1686	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	558.0	546.0	5.4
3. sw	442.0	454.0	5.4
4. se	558.0	454.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - No Build 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.3	.2
10.	.3	.0	.4	.1
20.	.2	.0	.3	.1
30.	.2	.0	.3	.2
40.	.2	.0	.1	.2
50.	.3	.0	.2	.2
60.	.3	.0	.2	.2
70.	.3	.0	.4	.3
80.	.3	.0	.5	.3
90.	.6	.3	.3	.1
100.	.5	.4	.2	.0
110.	.4	.3	.2	.0
120.	.2	.2	.2	.0
130.	.3	.2	.2	.0
140.	.3	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.2	.2	.0
170.	.3	.2	.2	.0
180.	.3	.3	.1	.2
190.	.2	.5	.0	.3
200.	.2	.4	.0	.3
210.	.2	.4	.0	.4
220.	.1	.3	.0	.2
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.2	.3	.0	.2
260.	.2	.4	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.2	.3
290.	.0	.1	.3	.2
300.	.0	.2	.3	.2
310.	.0	.2	.2	.2
320.	.0	.2	.2	.2
330.	.0	.2	.2	.3
340.	.0	.3	.2	.3
350.	.0	.3	.2	.4
360.	.1	.1	.3	.2
MAX	.6	.5	.5	.4
DEGR.	90	190	80	210

THE HIGHEST CONCENTRATION OF .60 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - BRT 2030

DATE : 9/16/ 8
TIME : 15: 6:20

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2711.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2650.	1.2	.0	56.0		
3. nbq	524.0	464.0	524.0	390.0	74.	180.	AG	20.	100.0	.0	48.0	.73	3.8
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1813.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1588.	1.2	.0	56.0		
6. sbq	476.0	536.0	476.0	585.5	50.	360.	AG	20.	100.0	.0	48.0	.49	2.5
7. eba	.0	482.0	500.0	482.0	500.	90.	AG	895.	1.2	.0	56.0		
8. ebd	500.0	482.0	1000.0	482.0	500.	90.	AG	835.	1.2	.0	44.0		
9. ebq	452.0	482.0	391.7	482.0	60.	270.	AG	27.	100.0	.0	36.0	.62	3.1
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	1618.	1.2	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	1964.	1.2	.0	44.0		
12. wbq	548.0	518.0	1368.1	518.0	820.	90.	AG	27.	100.0	.0	36.0	1.13	41.7

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - BRT 2030

DATE : 9/16/ 8
TIME : 15: 6:20

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	20	3.0	2711	1600	5.47	1	3
6. sbq	60	20	3.0	1813	1600	5.47	3	3
9. ebq	60	37	3.0	895	1600	5.47	3	3
12. wbq	60	37	3.0	1618	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	558.0	546.0	5.4
3. sw	442.0	454.0	5.4
4. se	558.0	454.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - BRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.3	.2
10.	.3	.0	.4	.1
20.	.2	.0	.3	.1
30.	.2	.0	.3	.2
40.	.2	.0	.1	.2
50.	.3	.0	.2	.2
60.	.3	.0	.2	.2
70.	.3	.0	.4	.3
80.	.3	.0	.5	.3
90.	.5	.2	.2	.0
100.	.5	.4	.2	.0
110.	.4	.3	.2	.0
120.	.2	.2	.2	.0
130.	.3	.2	.2	.0
140.	.3	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.2	.2	.0
170.	.3	.2	.2	.0
180.	.3	.3	.1	.2
190.	.2	.5	.0	.3
200.	.2	.4	.0	.3
210.	.2	.4	.0	.3
220.	.1	.3	.0	.2
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.2	.4	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.2	.3
290.	.0	.1	.2	.2
300.	.0	.2	.3	.2
310.	.0	.2	.2	.1
320.	.0	.2	.2	.2
330.	.0	.2	.2	.3
340.	.0	.3	.2	.3
350.	.0	.3	.2	.4
360.	.1	.1	.3	.2
MAX	.5	.5	.5	.4
DEGR.	90	190	80	350

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - TSM 2030

DATE : 9/16/ 8
TIME : 15: 8:35

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2740.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2670.	1.2	.0	56.0		
3. nbq	524.0	464.0	524.0	389.1	75.	180.	AG	20.	100.0	.0	48.0	.73	3.8
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1838.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1602.	1.2	.0	56.0		
6. sbq	476.0	536.0	476.0	586.2	50.	360.	AG	20.	100.0	.0	48.0	.49	2.5
7. eba	.0	482.0	500.0	482.0	500.	90.	AG	899.	1.2	.0	56.0		
8. ebd	500.0	482.0	1000.0	482.0	500.	90.	AG	837.	1.2	.0	44.0		
9. ebq	452.0	482.0	391.5	482.0	60.	270.	AG	27.	100.0	.0	36.0	.62	3.1
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	1667.	1.2	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	2035.	1.2	.0	44.0		
12. wbq	548.0	518.0	1532.4	518.0	984.	90.	AG	27.	100.0	.0	36.0	1.16	50.0

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - TSM 2030

DATE : 9/16/ 8
TIME : 15: 8:35

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	20	3.0	2740	1600	5.47	1	3
6. sbq	60	20	3.0	1838	1600	5.47	3	3
9. ebq	60	37	3.0	899	1600	5.47	3	3
12. wbq	60	37	3.0	1667	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	558.0	546.0	5.4
3. sw	442.0	454.0	5.4
4. se	558.0	454.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - TSM 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.3	.2
10.	.3	.0	.4	.1
20.	.2	.0	.3	.1
30.	.2	.0	.3	.2
40.	.2	.0	.1	.2
50.	.3	.0	.2	.2
60.	.3	.0	.2	.2
70.	.3	.0	.4	.3
80.	.3	.0	.5	.3
90.	.5	.3	.3	.1
100.	.5	.4	.2	.0
110.	.4	.3	.2	.0
120.	.2	.2	.2	.0
130.	.3	.2	.2	.0
140.	.3	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.2	.2	.0
170.	.3	.2	.2	.0
180.	.3	.3	.1	.2
190.	.2	.5	.0	.3
200.	.2	.4	.0	.3
210.	.2	.4	.0	.3
220.	.1	.3	.0	.2
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.2	.3	.0	.2
260.	.2	.4	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.2	.3
290.	.0	.1	.2	.2
300.	.0	.2	.3	.2
310.	.0	.2	.2	.2
320.	.0	.2	.2	.2
330.	.0	.2	.2	.3
340.	.0	.3	.2	.3
350.	.0	.3	.2	.4
360.	.1	.1	.3	.2
MAX	.5	.5	.5	.4
DEGR.	90	190	80	350

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams -LRT 2030

DATE : 9/17/ 8
TIME : 11:14:46

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2741.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2686.	1.2	.0	56.0		
3. nbq	524.0	464.0	524.0	389.1	75.	180.	AG	20.	100.0	.0	48.0	.73	3.8
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1842.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1640.	1.2	.0	56.0		
6. sbq	476.0	536.0	476.0	586.3	50.	360.	AG	20.	100.0	.0	48.0	.49	2.6
7. eba	.0	482.0	500.0	482.0	500.	90.	AG	916.	1.2	.0	56.0		
8. ebd	500.0	482.0	1000.0	482.0	500.	90.	AG	831.	1.2	.0	44.0		
9. ebq	452.0	482.0	390.3	482.0	62.	270.	AG	27.	100.0	.0	36.0	.64	3.1
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	1618.	1.2	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	1960.	1.2	.0	44.0		
12. wbq	548.0	518.0	1368.1	518.0	820.	90.	AG	27.	100.0	.0	36.0	1.13	41.7

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams -LRT 2030

DATE : 9/17/ 8
TIME : 11:14:46

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	20	3.0	2741	1600	5.47	1	3
6. sbq	60	20	3.0	1842	1600	5.47	3	3
9. ebq	60	37	3.0	916	1600	5.47	3	3
12. wbq	60	37	3.0	1618	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	558.0	546.0	5.4
3. sw	442.0	454.0	5.4
4. se	558.0	454.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams -LRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.3	.2
10.	.3	.0	.4	.1
20.	.2	.0	.3	.1
30.	.2	.0	.3	.2
40.	.2	.0	.1	.2
50.	.3	.0	.2	.2
60.	.3	.0	.2	.2
70.	.3	.0	.4	.3
80.	.3	.0	.5	.3
90.	.5	.2	.2	.0
100.	.5	.4	.2	.0
110.	.4	.3	.2	.0
120.	.2	.2	.2	.0
130.	.3	.2	.2	.0
140.	.3	.2	.2	.0
150.	.3	.2	.2	.0
160.	.3	.2	.2	.0
170.	.3	.2	.2	.0
180.	.3	.3	.1	.2
190.	.2	.5	.0	.3
200.	.2	.4	.0	.3
210.	.2	.4	.0	.3
220.	.1	.3	.0	.3
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.2	.4	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.2	.3
290.	.0	.1	.3	.2
300.	.0	.2	.3	.2
310.	.0	.2	.2	.1
320.	.0	.2	.2	.2
330.	.0	.2	.2	.3
340.	.0	.3	.2	.3
350.	.0	.3	.2	.4
360.	.1	.1	.3	.2
MAX	.5	.5	.5	.4
DEGR.	90	190	80	350

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - Existing 2008

DATE : 9/16/ 8
TIME : 15:22:12

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2231.	4.8	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2075.	4.8	.0	56.0		
3. nbq	524.0	464.0	524.0	421.4	43.	180.	AG	13.	100.0	.0	48.0	.51	2.2
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1895.	4.8	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1925.	4.8	.0	56.0		
6. sbq	476.0	536.0	476.0	572.2	36.	360.	AG	13.	100.0	.0	48.0	.43	1.8
7. eba	.0	482.0	500.0	482.0	500.	90.	AG	553.	4.8	.0	56.0		
8. ebd	500.0	482.0	1000.0	482.0	500.	90.	AG	630.	4.8	.0	44.0		
9. ebq	452.0	482.0	408.7	482.0	43.	270.	AG	30.	100.0	.0	36.0	.58	2.2
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	742.	4.8	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	791.	4.8	.0	44.0		
12. wbq	548.0	518.0	616.8	518.0	69.	90.	AG	30.	100.0	.0	36.0	.77	3.5

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - Existing 2008

DATE : 9/16/ 8
TIME : 15:22:12

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	14	3.0	2231	1600	5.13	3	3
6. sbq	60	14	3.0	1895	1600	5.13	3	3
9. ebq	60	43	3.0	553	1600	5.13	3	3
12. wbq	60	43	3.0	742	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	558.0	546.0	5.4
3. sw	442.0	454.0	5.4
4. se	558.0	454.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - Existing 2008

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.5	.4	.7	.8
10.	.9	.0	1.3	.3
20.	.8	.0	1.1	.3
30.	.7	.0	.9	.3
40.	.7	.0	.7	.2
50.	.5	.0	.9	.2
60.	.5	.0	.8	.2
70.	.5	.0	.8	.3
80.	.5	.0	.9	.3
90.	.7	.2	.6	.1
100.	1.0	.4	.5	.0
110.	.8	.4	.5	.0
120.	.8	.4	.6	.0
130.	.8	.3	.6	.0
140.	.7	.3	.7	.0
150.	.9	.3	.7	.0
160.	1.2	.3	1.0	.0
170.	1.3	.4	1.0	.1
180.	.9	.8	.3	.6
190.	.3	1.4	.0	1.0
200.	.3	1.1	.0	.9
210.	.2	1.0	.0	.8
220.	.2	.7	.0	.6
230.	.3	.8	.0	.6
240.	.3	.8	.0	.5
250.	.3	.8	.0	.5
260.	.4	1.0	.0	.5
270.	.2	.8	.2	.6
280.	.0	.5	.3	.8
290.	.0	.5	.3	.8
300.	.0	.5	.2	.7
310.	.0	.5	.3	.8
320.	.0	.6	.3	.8
330.	.0	.8	.3	1.0
340.	.0	.9	.3	1.1
350.	.1	.9	.4	1.4
360.	.5	.4	.7	.8
MAX	1.3	1.4	1.3	1.4
DEGR.	170	190	10	350

THE HIGHEST CONCENTRATION OF 1.40 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - No Build 2030

DATE : 9/16/ 8
TIME : 15:25:28

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2676.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2469.	1.2	.0	56.0		
3. nbq	524.0	464.0	524.0	412.8	51.	180.	AG	14.	100.0	.0	48.0	.61	2.6
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	2218.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	2242.	1.2	.0	56.0		
6. sbq	476.0	536.0	476.0	578.4	42.	360.	AG	14.	100.0	.0	48.0	.51	2.2
7. eba	.0	482.0	500.0	482.0	500.	90.	AG	686.	1.2	.0	56.0		
8. ebd	500.0	482.0	1000.0	482.0	500.	90.	AG	789.	1.2	.0	44.0		
9. ebq	452.0	482.0	393.2	482.0	59.	270.	AG	32.	100.0	.0	36.0	.71	3.0
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	929.	1.2	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	1008.	1.2	.0	44.0		
12. wbq	548.0	518.0	688.0	518.0	140.	90.	AG	32.	100.0	.0	36.0	.97	7.1

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - No Build 2030

DATE : 9/16/ 8
TIME : 15:25:28

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	14	3.0	2676	1600	5.47	3	3
6. sbq	60	14	3.0	2218	1600	5.47	3	3
9. ebq	60	43	3.0	685	1600	5.47	3	3
12. wbq	60	43	3.0	929	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	558.0	546.0	5.4
3. sw	442.0	454.0	5.4
4. se	558.0	454.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - No Build 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.2	.2
10.	.3	.0	.4	.1
20.	.3	.0	.3	.1
30.	.2	.0	.3	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.1
60.	.2	.0	.2	.1
70.	.2	.0	.3	.1
80.	.2	.0	.3	.1
90.	.3	.1	.2	.0
100.	.4	.2	.2	.0
110.	.2	.3	.2	.0
120.	.1	.2	.2	.0
130.	.2	.1	.2	.0
140.	.2	.1	.2	.0
150.	.3	.1	.2	.0
160.	.3	.1	.3	.0
170.	.3	.1	.3	.0
180.	.2	.2	.1	.2
190.	.1	.4	.0	.3
200.	.1	.3	.0	.3
210.	.1	.3	.0	.2
220.	.0	.3	.0	.2
230.	.0	.1	.0	.2
240.	.1	.1	.0	.2
250.	.1	.1	.0	.2
260.	.1	.3	.0	.2
270.	.0	.3	.0	.2
280.	.0	.2	.1	.4
290.	.0	.2	.2	.2
300.	.0	.2	.1	.1
310.	.0	.2	.1	.1
320.	.0	.2	.1	.2
330.	.0	.2	.1	.3
340.	.0	.3	.1	.3
350.	.0	.3	.1	.4
360.	.1	.1	.2	.2
MAX	.4	.4	.4	.4
DEGR.	100	190	10	280

THE HIGHEST CONCENTRATION OF .40 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - BRT 2030

DATE : 9/16/ 8
TIME : 15:27:55

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2654.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2455.	1.2	.0	56.0		
3. nbq	524.0	464.0	524.0	413.2	51.	180.	AG	14.	100.0	.0	48.0	.61	2.6
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	2187.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	2211.	1.2	.0	56.0		
6. sbq	476.0	536.0	476.0	577.8	42.	360.	AG	14.	100.0	.0	48.0	.50	2.1
7. eba	.0	482.0	500.0	482.0	500.	90.	AG	682.	1.2	.0	56.0		
8. ebd	500.0	482.0	1000.0	482.0	500.	90.	AG	787.	1.2	.0	44.0		
9. ebq	452.0	482.0	393.7	482.0	58.	270.	AG	32.	100.0	.0	36.0	.71	3.0
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	895.	1.2	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	965.	1.2	.0	44.0		
12. wbq	548.0	518.0	668.1	518.0	120.	90.	AG	32.	100.0	.0	36.0	.93	6.1

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - BRT 2030

DATE : 9/16/ 8
TIME : 15:27:55

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	14	3.0	2654	1600	5.47	3	3
6. sbq	60	14	3.0	2187	1600	5.47	3	3
9. ebq	60	43	3.0	682	1600	5.47	3	3
12. wbq	60	43	3.0	895	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	558.0	546.0	5.4
3. sw	442.0	454.0	5.4
4. se	558.0	454.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - BRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.2	.2
10.	.3	.0	.4	.1
20.	.3	.0	.3	.1
30.	.2	.0	.3	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.1
60.	.2	.0	.2	.1
70.	.2	.0	.3	.1
80.	.2	.0	.3	.1
90.	.3	.1	.2	.0
100.	.4	.2	.2	.0
110.	.2	.2	.2	.0
120.	.1	.2	.2	.0
130.	.2	.1	.2	.0
140.	.2	.1	.2	.0
150.	.3	.1	.2	.0
160.	.3	.1	.3	.0
170.	.3	.1	.3	.0
180.	.2	.2	.1	.2
190.	.1	.4	.0	.3
200.	.1	.2	.0	.3
210.	.1	.3	.0	.2
220.	.0	.3	.0	.2
230.	.0	.1	.0	.2
240.	.1	.1	.0	.2
250.	.1	.1	.0	.2
260.	.1	.3	.0	.2
270.	.0	.3	.0	.2
280.	.0	.2	.1	.4
290.	.0	.2	.2	.1
300.	.0	.2	.1	.1
310.	.0	.2	.1	.1
320.	.0	.2	.1	.2
330.	.0	.2	.1	.3
340.	.0	.3	.1	.3
350.	.0	.3	.1	.4
360.	.1	.1	.2	.2
MAX	.4	.4	.4	.4
DEGR.	100	190	10	280

THE HIGHEST CONCENTRATION OF .40 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - TSM 2030

DATE : 9/16/ 8
TIME : 15:32:47

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2665.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2457.	1.2	.0	56.0		
3. nbq	524.0	464.0	524.0	413.0	51.	180.	AG	14.	100.0	.0	48.0	.61	2.6
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	2219.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	2242.	1.2	.0	56.0		
6. sbq	476.0	536.0	476.0	578.4	42.	360.	AG	14.	100.0	.0	48.0	.51	2.2
7. eba	.0	482.0	500.0	482.0	500.	90.	AG	686.	1.2	.0	56.0		
8. ebd	500.0	482.0	1000.0	482.0	500.	90.	AG	792.	1.2	.0	44.0		
9. ebq	452.0	482.0	393.2	482.0	59.	270.	AG	32.	100.0	.0	36.0	.71	3.0
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	924.	1.2	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	1003.	1.2	.0	44.0		
12. wbq	548.0	518.0	686.0	518.0	138.	90.	AG	32.	100.0	.0	36.0	.97	7.0

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - TSM 2030

DATE : 9/16/ 8
TIME : 15:32:47

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	14	3.0	2665	1600	5.47	3	3
6. sbq	60	14	3.0	2219	1600	5.47	3	3
9. ebq	60	43	3.0	686	1600	5.47	3	3
12. wbq	60	43	3.0	924	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	558.0	546.0	5.4
3. sw	442.0	454.0	5.4
4. se	558.0	454.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - TSM 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.2	.2
10.	.3	.0	.4	.1
20.	.3	.0	.3	.1
30.	.2	.0	.3	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.1
60.	.2	.0	.2	.1
70.	.2	.0	.3	.1
80.	.2	.0	.3	.1
90.	.3	.1	.2	.0
100.	.4	.2	.2	.0
110.	.2	.3	.2	.0
120.	.1	.2	.2	.0
130.	.2	.1	.2	.0
140.	.2	.1	.2	.0
150.	.3	.1	.2	.0
160.	.3	.1	.3	.0
170.	.3	.1	.3	.0
180.	.2	.2	.1	.2
190.	.1	.4	.0	.3
200.	.1	.3	.0	.3
210.	.1	.3	.0	.2
220.	.0	.3	.0	.2
230.	.0	.1	.0	.2
240.	.1	.1	.0	.2
250.	.1	.1	.0	.2
260.	.1	.3	.0	.2
270.	.0	.3	.0	.2
280.	.0	.2	.1	.4
290.	.0	.2	.2	.2
300.	.0	.2	.1	.1
310.	.0	.2	.1	.1
320.	.0	.2	.1	.2
330.	.0	.2	.1	.3
340.	.0	.3	.1	.3
350.	.0	.3	.1	.4
360.	.1	.1	.2	.2
MAX	.4	.4	.4	.4
DEGR.	100	190	10	280

THE HIGHEST CONCENTRATION OF .40 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - LRT 2030

DATE : 9/17/ 8
TIME : 11:17:47

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2727.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2494.	1.2	.0	56.0		
3. nbq	524.0	464.0	524.0	411.9	52.	180.	AG	14.	100.0	.0	48.0	.62	2.6
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	2207.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	2232.	1.2	.0	56.0		
6. sbq	476.0	536.0	476.0	578.2	42.	360.	AG	14.	100.0	.0	48.0	.50	2.1
7. eba	.0	482.0	500.0	482.0	500.	90.	AG	690.	1.2	.0	56.0		
8. ebd	500.0	482.0	1000.0	482.0	500.	90.	AG	808.	1.2	.0	44.0		
9. ebq	452.0	482.0	392.3	482.0	60.	270.	AG	32.	100.0	.0	36.0	.72	3.0
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	897.	1.2	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	987.	1.2	.0	44.0		
12. wbq	548.0	518.0	669.7	518.0	122.	90.	AG	32.	100.0	.0	36.0	.94	6.2

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - LRT 2030

DATE : 9/17/ 8
TIME : 11:17:47

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	14	3.0	2727	1600	5.47	3	3
6. sbq	60	14	3.0	2207	1600	5.47	3	3
9. ebq	60	43	3.0	690	1600	5.47	3	3
12. wbq	60	43	3.0	897	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	558.0	546.0	5.4
3. sw	442.0	454.0	5.4
4. se	558.0	454.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - LRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.2	.2
10.	.3	.0	.4	.1
20.	.3	.0	.2	.1
30.	.2	.0	.3	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.1
60.	.2	.0	.2	.1
70.	.2	.0	.3	.1
80.	.2	.0	.3	.1
90.	.3	.1	.2	.0
100.	.4	.2	.2	.0
110.	.2	.2	.2	.0
120.	.1	.2	.2	.0
130.	.2	.1	.2	.0
140.	.2	.1	.2	.0
150.	.3	.1	.2	.0
160.	.3	.1	.3	.0
170.	.3	.1	.3	.0
180.	.2	.2	.1	.2
190.	.1	.4	.0	.4
200.	.1	.3	.0	.3
210.	.1	.3	.0	.2
220.	.0	.3	.0	.2
230.	.0	.1	.0	.2
240.	.1	.1	.0	.2
250.	.1	.1	.0	.2
260.	.1	.3	.0	.2
270.	.0	.3	.0	.2
280.	.0	.2	.1	.4
290.	.0	.2	.2	.2
300.	.0	.2	.1	.1
310.	.0	.2	.1	.1
320.	.0	.2	.1	.2
330.	.0	.2	.1	.3
340.	.0	.3	.1	.3
350.	.0	.3	.1	.4
360.	.1	.1	.2	.2
MAX	.4	.4	.4	.4
DEGR.	100	190	10	190

THE HIGHEST CONCENTRATION OF .40 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - Existing 2008

DATE : 9/16/ 8
TIME : 16:23:50

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	530.0	.0	530.0	500.0	500.	360.	AG	1802.	4.8	.0	80.0		
2. nbd	530.0	500.0	530.0	1000.0	500.	360.	AG	1733.	4.8	.0	56.0		
3. nbq	530.0	464.0	530.0	422.7	41.	180.	AG	24.	100.0	.0	60.0	.40	2.1
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1413.	4.8	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1218.	4.8	.0	56.0		
6. sbq	476.0	536.0	476.0	576.5	41.	360.	AG	19.	100.0	.0	48.0	.39	2.1
7. eba	.0	482.0	500.0	482.0	500.	90.	AG	814.	4.8	.0	56.0		
8. ebd	500.0	482.0	1000.0	482.0	500.	90.	AG	891.	4.8	.0	44.0		
9. ebq	452.0	482.0	398.7	482.0	53.	270.	AG	25.	100.0	.0	36.0	.54	2.7
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	1064.	4.8	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	1251.	4.8	.0	44.0		
12. wbq	560.0	518.0	630.9	518.0	71.	90.	AG	25.	100.0	.0	36.0	.70	3.6

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - Existing 2008

DATE : 9/16/ 8
TIME : 16:23:50

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	21	3.0	1802	1600	5.13	3	3
6. sbq	60	21	3.0	1413	1600	5.13	3	3
9. ebq	60	36	3.0	814	1600	5.13	3	3
12. wbq	60	36	3.0	1064	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	570.0	546.0	5.4
3. sw	442.0	454.0	5.4
4. se	570.0	454.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - Existing 2008

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.4	.2	.6	.5
10.	.7	.0	1.0	.3
20.	.7	.0	.9	.3
30.	.5	.0	.7	.3
40.	.5	.0	.7	.3
50.	.4	.0	.7	.3
60.	.5	.0	.8	.4
70.	.5	.0	.9	.5
80.	.5	.1	1.0	.5
90.	.8	.3	.8	.2
100.	1.0	.5	.4	.0
110.	.9	.6	.4	.0
120.	.8	.5	.4	.0
130.	.7	.4	.4	.0
140.	.8	.4	.4	.0
150.	1.0	.4	.6	.0
160.	1.0	.4	.7	.0
170.	1.0	.4	.6	.1
180.	.6	.7	.2	.4
190.	.4	1.0	.0	.7
200.	.4	1.0	.0	.7
210.	.3	.8	.0	.6
220.	.3	.8	.0	.4
230.	.3	.8	.0	.4
240.	.4	.8	.0	.5
250.	.6	.9	.0	.4
260.	.6	1.1	.0	.4
270.	.3	.7	.2	.8
280.	.0	.3	.5	.8
290.	.0	.3	.5	.8
300.	.0	.5	.5	.7
310.	.0	.4	.5	.8
320.	.0	.5	.3	.8
330.	.0	.6	.3	.8
340.	.0	.7	.3	1.0
350.	.1	.6	.3	1.0
360.	.4	.2	.6	.5
MAX	1.0	1.1	1.0	1.0
DEGR.	160	260	10	340

THE HIGHEST CONCENTRATION OF 1.10 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - No Build 2030

DATE : 9/16/ 8
TIME : 16:46:15

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	530.0	.0	530.0	500.0	500.	360.	AG	2083.	1.2	.0	80.0		
2. nbd	530.0	500.0	530.0	1000.0	500.	360.	AG	1957.	1.2	.0	56.0		
3. nbq	530.0	464.0	530.0	414.0	50.	180.	AG	27.	100.0	.0	60.0	.47	2.5
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1773.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1518.	1.2	.0	56.0		
6. sbq	476.0	536.0	476.0	589.3	53.	360.	AG	22.	100.0	.0	48.0	.50	2.7
7. eba	.0	482.0	500.0	482.0	500.	90.	AG	1012.	1.2	.0	56.0		
8. ebd	500.0	482.0	1000.0	482.0	500.	90.	AG	1127.	1.2	.0	44.0		
9. ebq	452.0	482.0	387.5	482.0	64.	270.	AG	26.	100.0	.0	36.0	.63	3.3
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	1341.	1.2	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	1607.	1.2	.0	44.0		
12. wbq	560.0	518.0	665.8	518.0	106.	90.	AG	26.	100.0	.0	36.0	.84	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - No Build 2030

DATE : 9/16/ 8
TIME : 16:46:15

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	22	3.0	2083	1600	5.47	3	3
6. sbq	60	22	3.0	1773	1600	5.47	3	3
9. ebq	60	35	3.0	1012	1600	5.47	3	3
12. wbq	60	35	3.0	1341	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	570.0	546.0	5.4
3. sw	442.0	454.0	5.4
4. se	570.0	454.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - No Build 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.2	.1
10.	.2	.0	.3	.1
20.	.2	.0	.2	.1
30.	.2	.0	.2	.1
40.	.3	.0	.1	.1
50.	.2	.0	.1	.2
60.	.3	.0	.1	.2
70.	.3	.0	.3	.2
80.	.2	.0	.4	.2
90.	.3	.1	.3	.1
100.	.4	.2	.3	.0
110.	.4	.3	.2	.0
120.	.2	.2	.2	.0
130.	.2	.2	.2	.0
140.	.3	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.1	.2	.0
170.	.3	.1	.2	.0
180.	.2	.3	.1	.1
190.	.2	.2	.0	.2
200.	.2	.2	.0	.2
210.	.2	.2	.0	.1
220.	.1	.1	.0	.1
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.2	.2	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.2	.4
290.	.0	.1	.3	.2
300.	.0	.1	.3	.3
310.	.0	.1	.3	.2
320.	.0	.2	.1	.2
330.	.0	.2	.1	.2
340.	.0	.2	.1	.2
350.	.0	.1	.1	.1
360.	.1	.1	.2	.1
MAX	.4	.3	.4	.4
DEGR.	100	110	80	280

THE HIGHEST CONCENTRATION OF .40 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - BRT 2030

DATE : 9/16/ 8
TIME : 16:51:33

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	530.0	.0	530.0	500.0	500.	360.	AG	1996.	1.2	.0	80.0		
2. nbd	530.0	500.0	530.0	1000.0	500.	360.	AG	1853.	1.2	.0	56.0		
3. nbq	530.0	464.0	530.0	416.0	48.	180.	AG	27.	100.0	.0	60.0	.45	2.4
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1709.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1441.	1.2	.0	56.0		
6. sbq	476.0	536.0	476.0	587.4	51.	360.	AG	22.	100.0	.0	48.0	.49	2.6
7. eba	.0	482.0	500.0	482.0	500.	90.	AG	996.	1.2	.0	56.0		
8. ebd	500.0	482.0	1000.0	482.0	500.	90.	AG	1124.	1.2	.0	44.0		
9. ebq	452.0	482.0	388.5	482.0	64.	270.	AG	26.	100.0	.0	36.0	.62	3.2
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	1330.	1.2	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	1613.	1.2	.0	44.0		
12. wbq	560.0	518.0	663.2	518.0	103.	90.	AG	26.	100.0	.0	36.0	.83	5.2

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - BRT 2030

DATE : 9/16/ 8
TIME : 16:51:33

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	22	3.0	1996	1600	5.47	3	3
6. sbq	60	22	3.0	1709	1600	5.47	3	3
9. ebq	60	35	3.0	996	1600	5.47	3	3
12. wbq	60	35	3.0	1330	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	570.0	546.0	5.4
3. sw	442.0	454.0	5.4
4. se	570.0	454.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - BRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.2	.1
10.	.2	.0	.3	.1
20.	.2	.0	.2	.1
30.	.2	.0	.2	.1
40.	.2	.0	.1	.1
50.	.2	.0	.0	.2
60.	.2	.0	.1	.2
70.	.2	.0	.3	.2
80.	.2	.0	.3	.2
90.	.3	.1	.2	.1
100.	.4	.2	.1	.0
110.	.4	.3	.2	.0
120.	.2	.2	.2	.0
130.	.2	.2	.2	.0
140.	.3	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.1	.2	.0
170.	.3	.1	.2	.0
180.	.2	.3	.1	.1
190.	.2	.2	.0	.2
200.	.2	.2	.0	.2
210.	.2	.2	.0	.1
220.	.1	.1	.0	.1
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.2	.2	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.2	.4
290.	.0	.1	.3	.2
300.	.0	.1	.3	.3
310.	.0	.1	.2	.2
320.	.0	.2	.1	.1
330.	.0	.2	.1	.2
340.	.0	.2	.1	.2
350.	.0	.1	.1	.1
360.	.1	.1	.2	.1
MAX	.4	.3	.3	.4
DEGR.	100	110	10	280

THE HIGHEST CONCENTRATION OF .40 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - TSM 2030

DATE : 9/16/ 8
TIME : 17:10:23

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	530.0	.0	530.0	500.0	500.	360.	AG	2062.	1.2	.0	80.0		
2. nbd	530.0	500.0	530.0	1000.0	500.	360.	AG	1931.	1.2	.0	56.0		
3. nbq	530.0	464.0	530.0	414.4	50.	180.	AG	27.	100.0	.0	60.0	.47	2.5
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1766.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1508.	1.2	.0	56.0		
6. sbq	476.0	536.0	476.0	589.1	53.	360.	AG	22.	100.0	.0	48.0	.50	2.7
7. eba	.0	482.0	500.0	482.0	500.	90.	AG	1006.	1.2	.0	56.0		
8. ebd	500.0	482.0	1000.0	482.0	500.	90.	AG	1123.	1.2	.0	44.0		
9. ebq	452.0	482.0	387.9	482.0	64.	270.	AG	26.	100.0	.0	36.0	.63	3.3
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	1340.	1.2	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	1612.	1.2	.0	44.0		
12. wbq	560.0	518.0	665.1	518.0	105.	90.	AG	26.	100.0	.0	36.0	.84	5.3

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - TSM 2030

DATE : 9/16/ 8
TIME : 17:10:23

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	22	3.0	2062	1600	5.47	3	3
6. sbq	60	22	3.0	1766	1600	5.47	3	3
9. ebq	60	35	3.0	1006	1600	5.47	3	3
12. wbq	60	35	3.0	1340	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	570.0	546.0	5.4
3. sw	442.0	454.0	5.4
4. se	570.0	454.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - TSM 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.2	.1
10.	.2	.0	.3	.1
20.	.2	.0	.2	.1
30.	.2	.0	.2	.1
40.	.3	.0	.1	.1
50.	.2	.0	.1	.2
60.	.2	.0	.1	.2
70.	.2	.0	.3	.2
80.	.2	.0	.3	.2
90.	.3	.1	.3	.1
100.	.4	.2	.2	.0
110.	.4	.3	.2	.0
120.	.2	.2	.2	.0
130.	.2	.2	.2	.0
140.	.3	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.1	.2	.0
170.	.3	.1	.2	.0
180.	.2	.3	.1	.1
190.	.2	.2	.0	.2
200.	.2	.2	.0	.2
210.	.2	.2	.0	.1
220.	.1	.1	.0	.1
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.2	.2	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.2	.4
290.	.0	.1	.3	.2
300.	.0	.1	.3	.3
310.	.0	.1	.2	.2
320.	.0	.2	.1	.1
330.	.0	.2	.1	.2
340.	.0	.2	.1	.2
350.	.0	.1	.1	.1
360.	.1	.1	.2	.1
MAX	.4	.3	.3	.4
DEGR.	100	110	10	280

THE HIGHEST CONCENTRATION OF .40 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - LRT 2030

DATE : 9/17/ 8
TIME : 11:20:54

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	530.0	.0	530.0	500.0	500.	360.	AG	2074.	1.2	.0	80.0		
2. nbd	530.0	500.0	530.0	1000.0	500.	360.	AG	1947.	1.2	.0	56.0		
3. nbq	530.0	464.0	530.0	416.5	48.	180.	AG	26.	100.0	.0	60.0	.46	2.4
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1810.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1553.	1.2	.0	56.0		
6. sbq	476.0	536.0	476.0	587.9	52.	360.	AG	21.	100.0	.0	48.0	.50	2.6
7. eba	.0	482.0	500.0	482.0	500.	90.	AG	1005.	1.2	.0	56.0		
8. ebd	500.0	482.0	1000.0	482.0	500.	90.	AG	1119.	1.2	.0	44.0		
9. ebq	452.0	482.0	386.1	482.0	66.	270.	AG	26.	100.0	.0	36.0	.66	3.3
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	1343.	1.2	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	1613.	1.2	.0	44.0		
12. wbq	560.0	518.0	681.7	518.0	122.	90.	AG	26.	100.0	.0	36.0	.88	6.2

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - LRT 2030

DATE : 9/17/ 8
TIME : 11:20:54

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	21	3.0	2074	1600	5.47	3	3
6. sbq	60	21	3.0	1810	1600	5.47	3	3
9. ebq	60	36	3.0	1005	1600	5.47	3	3
12. wbq	60	36	3.0	1343	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	570.0	546.0	5.4
3. sw	442.0	454.0	5.4
4. se	570.0	454.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - LRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.2	.2
10.	.2	.0	.3	.1
20.	.2	.0	.2	.1
30.	.2	.0	.2	.1
40.	.2	.0	.1	.1
50.	.2	.0	.1	.2
60.	.3	.0	.1	.2
70.	.2	.0	.3	.2
80.	.2	.0	.4	.2
90.	.3	.1	.3	.1
100.	.4	.2	.1	.0
110.	.4	.3	.2	.0
120.	.2	.2	.2	.0
130.	.2	.2	.2	.0
140.	.3	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.1	.2	.0
170.	.3	.1	.2	.0
180.	.3	.3	.1	.1
190.	.2	.2	.0	.2
200.	.2	.2	.0	.2
210.	.2	.3	.0	.2
220.	.1	.1	.0	.1
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.2	.2	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.2	.3
290.	.0	.1	.3	.2
300.	.0	.1	.3	.3
310.	.0	.1	.2	.2
320.	.0	.2	.1	.2
330.	.0	.2	.1	.2
340.	.0	.2	.1	.2
350.	.0	.1	.1	.1
360.	.1	.1	.2	.2
MAX	.4	.3	.4	.3
DEGR.	100	110	80	270

THE HIGHEST CONCENTRATION OF .40 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - Existing 2008

DATE : 9/16/ 8
TIME : 17:21:19

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	1780.	4.8	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2027.	4.8	.0	56.0		
3. nbq	524.0	452.0	524.0	413.1	39.	180.	AG	15.	100.0	.0	48.0	.43	2.0
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1913.	4.8	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1817.	4.8	.0	56.0		
6. sbq	476.0	536.0	476.0	577.8	42.	360.	AG	15.	100.0	.0	48.0	.46	2.1
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	986.	4.8	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	387.	4.8	.0	44.0		
9. ebq	452.0	476.0	395.7	476.0	56.	270.	AG	38.	100.0	.0	48.0	.66	2.9
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	468.	4.8	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	916.	4.8	.0	44.0		
12. wbq	548.0	518.0	583.0	518.0	35.	90.	AG	28.	100.0	.0	36.0	.42	1.8

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - Existing 2008

DATE : 9/16/ 8
TIME : 17:21:19

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	16	3.0	1780	1600	5.13	3	3
6. sbq	60	16	3.0	1913	1600	5.13	3	3
9. ebq	60	41	3.0	986	1600	5.13	3	3
12. wbq	60	41	3.0	468	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	558.0	546.0	5.4
3. sw	442.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - Existing 2008

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.5	.4	.7	.6
10.	.9	.0	1.3	.1
20.	.9	.0	1.0	.2
30.	.7	.0	1.0	.2
40.	.7	.0	.7	.2
50.	.5	.0	.7	.2
60.	.5	.0	.7	.2
70.	.5	.0	.8	.2
80.	.5	.0	.8	.2
90.	.6	.1	.7	.1
100.	.8	.3	.5	.0
110.	.8	.2	.5	.0
120.	.7	.2	.5	.0
130.	.8	.2	.5	.0
140.	.8	.2	.5	.0
150.	.9	.2	.7	.0
160.	1.1	.2	.8	.0
170.	1.3	.2	.8	.1
180.	.7	.6	.3	.4
190.	.3	1.1	.0	.9
200.	.3	1.0	.0	.8
210.	.3	.8	.0	.7
220.	.3	.7	.0	.5
230.	.3	.8	.0	.5
240.	.4	.9	.0	.5
250.	.5	1.0	.0	.5
260.	.5	1.1	.0	.4
270.	.2	.7	.2	.7
280.	.0	.5	.5	1.0
290.	.0	.5	.6	1.0
300.	.0	.5	.4	.7
310.	.0	.5	.4	.8
320.	.0	.6	.4	.8
330.	.0	.7	.3	.8
340.	.0	.9	.3	1.0
350.	.1	.9	.4	1.2
360.	.5	.4	.7	.6
MAX	1.3	1.1	1.3	1.2
DEGR.	170	190	10	350

THE HIGHEST CONCENTRATION OF 1.30 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - No Build 2030

DATE : 9/16/ 8
TIME : 17:23:47

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2150.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2438.	1.2	.0	56.0		
3. nbq	524.0	452.0	524.0	405.0	47.	180.	AG	16.	100.0	.0	48.0	.52	2.4
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	2237.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	2094.	1.2	.0	56.0		
6. sbq	476.0	536.0	476.0	584.9	49.	360.	AG	16.	100.0	.0	48.0	.54	2.5
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	1197.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	488.	1.2	.0	44.0		
9. ebq	452.0	476.0	370.9	476.0	81.	270.	AG	40.	100.0	.0	48.0	.80	4.1
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	576.	1.2	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	1140.	1.2	.0	44.0		
12. wbq	548.0	518.0	591.0	518.0	43.	90.	AG	30.	100.0	.0	36.0	.51	2.2

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - No Build 2030

DATE : 9/16/ 8
TIME : 17:23:47

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	16	3.0	2150	1600	5.47	3	3
6. sbq	60	16	3.0	2237	1600	5.47	3	3
9. ebq	60	41	3.0	1197	1600	5.47	3	3
12. wbq	60	41	3.0	576	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	558.0	546.0	5.4
3. sw	442.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - No Build 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.2	.2
10.	.3	.0	.4	.1
20.	.3	.0	.3	.0
30.	.2	.0	.3	.0
40.	.2	.0	.2	.0
50.	.2	.0	.1	.0
60.	.2	.0	.1	.0
70.	.2	.0	.2	.0
80.	.2	.0	.2	.0
90.	.2	.0	.2	.0
100.	.2	.1	.2	.0
110.	.2	.0	.2	.0
120.	.1	.0	.2	.0
130.	.2	.1	.2	.0
140.	.2	.1	.2	.0
150.	.3	.1	.2	.0
160.	.3	.1	.2	.0
170.	.3	.1	.3	.0
180.	.2	.2	.1	.1
190.	.1	.4	.0	.3
200.	.1	.2	.0	.3
210.	.1	.3	.0	.2
220.	.1	.2	.0	.2
230.	.1	.1	.0	.2
240.	.1	.2	.0	.2
250.	.2	.5	.0	.2
260.	.1	.4	.0	.2
270.	.1	.3	.1	.3
280.	.0	.2	.1	.4
290.	.0	.2	.2	.4
300.	.0	.2	.2	.1
310.	.0	.2	.2	.1
320.	.0	.2	.1	.2
330.	.0	.2	.1	.3
340.	.0	.3	.1	.3
350.	.0	.3	.1	.4
360.	.1	.1	.2	.2
MAX	.3	.5	.4	.4
DEGR.	10	250	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - BRT 2030

DATE : 9/17/ 8
TIME : 11:23:41

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2145.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2431.	1.2	.0	56.0		
3. nbq	524.0	452.0	524.0	405.1	47.	180.	AG	16.	100.0	.0	48.0	.52	2.4
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	2260.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	2115.	1.2	.0	56.0		
6. sbq	476.0	536.0	476.0	585.4	49.	360.	AG	16.	100.0	.0	48.0	.54	2.5
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	1193.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	486.	1.2	.0	44.0		
9. ebq	452.0	476.0	371.5	476.0	80.	270.	AG	40.	100.0	.0	48.0	.80	4.1
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	574.	1.2	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	1140.	1.2	.0	44.0		
12. wbq	548.0	518.0	590.8	518.0	43.	90.	AG	30.	100.0	.0	36.0	.51	2.2

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - BRT 2030

DATE : 9/17/ 8
TIME : 11:23:41

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	16	3.0	2145	1600	5.47	3	3
6. sbq	60	16	3.0	2260	1600	5.47	3	3
9. ebq	60	41	3.0	1193	1600	5.47	3	3
12. wbq	60	41	3.0	574	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	558.0	546.0	5.4
3. sw	442.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - BRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.2	.2
10.	.3	.0	.4	.1
20.	.3	.0	.3	.0
30.	.2	.0	.3	.0
40.	.2	.0	.2	.0
50.	.2	.0	.1	.0
60.	.2	.0	.1	.0
70.	.2	.0	.2	.0
80.	.2	.0	.2	.0
90.	.2	.0	.2	.0
100.	.2	.1	.2	.0
110.	.2	.0	.2	.0
120.	.1	.0	.2	.0
130.	.2	.1	.2	.0
140.	.2	.1	.2	.0
150.	.3	.1	.2	.0
160.	.3	.1	.3	.0
170.	.3	.1	.3	.0
180.	.2	.2	.1	.1
190.	.1	.4	.0	.3
200.	.1	.2	.0	.3
210.	.1	.3	.0	.2
220.	.1	.2	.0	.2
230.	.1	.1	.0	.2
240.	.1	.2	.0	.2
250.	.2	.5	.0	.2
260.	.1	.4	.0	.2
270.	.1	.3	.1	.3
280.	.0	.2	.1	.4
290.	.0	.2	.2	.4
300.	.0	.2	.2	.1
310.	.0	.2	.2	.1
320.	.0	.2	.1	.2
330.	.0	.2	.1	.3
340.	.0	.3	.1	.3
350.	.0	.3	.1	.4
360.	.1	.1	.2	.2
MAX	.3	.5	.4	.4
DEGR.	10	250	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - TSM 2030

DATE : 9/16/ 8
TIME : 17:29:46

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2143.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2428.	1.2	.0	56.0		
3. nbq	524.0	452.0	524.0	405.2	47.	180.	AG	16.	100.0	.0	48.0	.51	2.4
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	2231.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	2087.	1.2	.0	56.0		
6. sbq	476.0	536.0	476.0	584.7	49.	360.	AG	16.	100.0	.0	48.0	.54	2.5
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	1193.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	487.	1.2	.0	44.0		
9. ebq	452.0	476.0	371.5	476.0	80.	270.	AG	40.	100.0	.0	48.0	.80	4.1
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	575.	1.2	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	1140.	1.2	.0	44.0		
12. wbq	548.0	518.0	590.8	518.0	43.	90.	AG	30.	100.0	.0	36.0	.51	2.2

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - TSM 2030

DATE : 9/16/ 8
TIME : 17:29:46

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	16	3.0	2143	1600	5.47	3	3
6. sbq	60	16	3.0	2231	1600	5.47	3	3
9. ebq	60	41	3.0	1193	1600	5.47	3	3
12. wbq	60	41	3.0	575	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	558.0	546.0	5.4
3. sw	442.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - TSM 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.2	.2
10.	.3	.0	.4	.1
20.	.3	.0	.3	.0
30.	.2	.0	.3	.0
40.	.2	.0	.2	.0
50.	.2	.0	.1	.0
60.	.2	.0	.1	.0
70.	.2	.0	.2	.0
80.	.2	.0	.2	.0
90.	.2	.0	.2	.0
100.	.2	.1	.2	.0
110.	.2	.0	.2	.0
120.	.1	.0	.2	.0
130.	.2	.1	.2	.0
140.	.2	.1	.2	.0
150.	.3	.1	.2	.0
160.	.3	.1	.2	.0
170.	.3	.1	.3	.0
180.	.2	.2	.1	.1
190.	.1	.4	.0	.3
200.	.1	.2	.0	.3
210.	.1	.3	.0	.2
220.	.1	.2	.0	.2
230.	.1	.1	.0	.2
240.	.1	.2	.0	.2
250.	.2	.5	.0	.2
260.	.1	.4	.0	.2
270.	.1	.3	.1	.3
280.	.0	.2	.1	.4
290.	.0	.2	.2	.4
300.	.0	.2	.2	.1
310.	.0	.2	.2	.1
320.	.0	.2	.1	.2
330.	.0	.2	.1	.3
340.	.0	.3	.1	.3
350.	.0	.3	.1	.4
360.	.1	.1	.2	.2
MAX	.3	.5	.4	.4
DEGR.	10	250	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - LRT 2030

DATE : 9/17/ 8
TIME : 11:23:17

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2145.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2431.	1.2	.0	56.0		
3. nbq	524.0	452.0	524.0	405.1	47.	180.	AG	16.	100.0	.0	48.0	.52	2.4
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	2260.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	2115.	1.2	.0	56.0		
6. sbq	476.0	536.0	476.0	585.4	49.	360.	AG	16.	100.0	.0	48.0	.54	2.5
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	1193.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	486.	1.2	.0	44.0		
9. ebq	452.0	476.0	371.5	476.0	80.	270.	AG	40.	100.0	.0	48.0	.80	4.1
10. wba	1000.0	518.0	500.0	518.0	500.	270.	AG	574.	1.2	.0	56.0		
11. wbd	500.0	518.0	.0	518.0	500.	270.	AG	1140.	1.2	.0	44.0		
12. wbq	548.0	518.0	590.8	518.0	43.	90.	AG	30.	100.0	.0	36.0	.51	2.2

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - LRT 2030

DATE : 9/17/ 8
TIME : 11:23:17

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	16	3.0	2145	1600	5.47	3	3
6. sbq	60	16	3.0	2260	1600	5.47	3	3
9. ebq	60	41	3.0	1193	1600	5.47	3	3
12. wbq	60	41	3.0	574	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	546.0	5.4
2. ne	558.0	546.0	5.4
3. sw	442.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - LRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.2	.2
10.	.3	.0	.4	.1
20.	.3	.0	.3	.0
30.	.2	.0	.3	.0
40.	.2	.0	.2	.0
50.	.2	.0	.1	.0
60.	.2	.0	.1	.0
70.	.2	.0	.2	.0
80.	.2	.0	.2	.0
90.	.2	.0	.2	.0
100.	.2	.1	.2	.0
110.	.2	.0	.2	.0
120.	.1	.0	.2	.0
130.	.2	.1	.2	.0
140.	.2	.1	.2	.0
150.	.3	.1	.2	.0
160.	.3	.1	.3	.0
170.	.3	.1	.3	.0
180.	.2	.2	.1	.1
190.	.1	.4	.0	.3
200.	.1	.2	.0	.3
210.	.1	.3	.0	.2
220.	.1	.2	.0	.2
230.	.1	.1	.0	.2
240.	.1	.2	.0	.2
250.	.2	.5	.0	.2
260.	.1	.4	.0	.2
270.	.1	.3	.1	.3
280.	.0	.2	.1	.4
290.	.0	.2	.2	.4
300.	.0	.2	.2	.1
310.	.0	.2	.2	.1
320.	.0	.2	.1	.2
330.	.0	.2	.1	.3
340.	.0	.3	.1	.3
350.	.0	.3	.1	.4
360.	.1	.1	.2	.2
MAX	.3	.5	.4	.4
DEGR.	10	250	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Washington - Existing 2008

DATE : 9/16/ 8
TIME : 17:53: 1

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2180.	4.8	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2035.	4.8	.0	44.0		
3. nbq	524.0	452.0	524.0	380.5	72.	180.	AG	22.	100.0	.0	48.0	.66	3.6
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	946.	4.8	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1130.	4.8	.0	44.0		
6. sbq	476.0	548.0	476.0	590.6	43.	360.	AG	30.	100.0	.0	48.0	.40	2.2
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	932.	4.8	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	910.	4.8	.0	44.0		
9. ebq	452.0	476.0	410.0	476.0	42.	270.	AG	30.	100.0	.0	48.0	.40	2.1
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1372.	4.8	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1355.	4.8	.0	44.0		
12. wbq	548.0	524.0	609.9	524.0	62.	90.	AG	30.	100.0	.0	48.0	.59	3.1

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Washington - Existing 2008

DATE : 9/16/ 8
TIME : 17:53: 1

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	24	3.0	2180	1600	5.13	3	3
6. sbq	60	33	3.0	946	1600	5.13	3	3
9. ebq	60	33	3.0	932	1600	5.13	3	3
12. wbq	60	33	3.0	1372	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	558.0	5.4
2. ne	558.0	558.0	5.4
3. sw	442.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Washington - Existing 2008

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.2	.3	.5	.7
10.	.6	.0	.9	.3
20.	.6	.0	.8	.3
30.	.5	.0	.7	.3
40.	.5	.0	.6	.4
50.	.5	.0	.6	.4
60.	.4	.0	.9	.4
70.	.4	.0	.9	.4
80.	.4	.1	1.0	.5
90.	.7	.3	.7	.1
100.	.9	.6	.4	.0
110.	.7	.5	.4	.0
120.	.8	.5	.5	.0
130.	.8	.5	.5	.0
140.	.6	.4	.5	.0
150.	.8	.4	.5	.0
160.	1.0	.4	.7	.0
170.	1.1	.5	.6	.1
180.	.8	.9	.2	.5
190.	.4	1.2	.0	.9
200.	.3	1.1	.0	.8
210.	.3	1.0	.0	.8
220.	.3	.8	.0	.6
230.	.4	.8	.0	.6
240.	.4	.8	.0	.5
250.	.6	1.1	.0	.5
260.	.5	1.0	.0	.5
270.	.2	.8	.2	.7
280.	.0	.5	.4	.9
290.	.0	.4	.5	.9
300.	.0	.4	.4	.8
310.	.0	.4	.4	.7
320.	.0	.5	.4	.8
330.	.0	.5	.3	.8
340.	.0	.7	.3	1.1
350.	.0	.7	.3	1.1
360.	.2	.3	.5	.7
MAX	1.1	1.2	1.0	1.1
DEGR.	170	190	80	340

THE HIGHEST CONCENTRATION OF 1.20 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Washington - No Build 2030

DATE : 9/16/ 8
TIME : 17:55:14

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2552.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2336.	1.2	.0	44.0		
3. nbq	524.0	452.0	524.0	346.9	105.	180.	AG	25.	100.0	.0	48.0	.83	5.3
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1172.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1382.	1.2	.0	44.0		
6. sbq	476.0	548.0	476.0	589.7	42.	360.	AG	25.	100.0	.0	48.0	.38	2.1
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	1165.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	1155.	1.2	.0	44.0		
9. ebq	452.0	476.0	402.7	476.0	49.	270.	AG	30.	100.0	.0	48.0	.46	2.5
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1859.	1.2	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1875.	1.2	.0	44.0		
12. wbq	548.0	524.0	627.7	524.0	80.	90.	AG	30.	100.0	.0	48.0	.73	4.0

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Washington - No Build 2030

DATE : 9/16/ 8
TIME : 17:55:14

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	26	3.0	2552	1600	5.47	3	3
6. sbq	60	26	3.0	1172	1600	5.47	3	3
9. ebq	60	31	3.0	1165	1600	5.47	3	3
12. wbq	60	31	3.0	1859	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	558.0	5.4
2. ne	558.0	558.0	5.4
3. sw	442.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Washington - No Build 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.2	.2
10.	.2	.0	.3	.1
20.	.2	.0	.2	.1
30.	.2	.0	.1	.2
40.	.2	.0	.2	.1
50.	.2	.0	.1	.2
60.	.2	.0	.4	.2
70.	.2	.0	.3	.2
80.	.2	.0	.3	.2
90.	.3	.1	.1	.0
100.	.4	.2	.2	.0
110.	.2	.2	.2	.0
120.	.1	.2	.3	.0
130.	.1	.2	.3	.0
140.	.2	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.2	.2	.0
170.	.3	.2	.2	.0
180.	.3	.3	.0	.2
190.	.2	.5	.0	.2
200.	.1	.3	.0	.4
210.	.1	.3	.0	.2
220.	.1	.2	.0	.2
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.1	.2	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.1	.4
290.	.0	.1	.2	.3
300.	.0	.1	.2	.2
310.	.0	.1	.3	.2
320.	.0	.1	.1	.1
330.	.0	.1	.1	.2
340.	.0	.2	.1	.3
350.	.0	.2	.1	.3
360.	.1	.1	.2	.2
MAX	.4	.5	.4	.4
DEGR.	100	190	60	200

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Washington - BRT 2030

DATE : 9/16/ 8
TIME : 17:56:58

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2504.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2294.	1.2	.0	44.0		
3. nbq	524.0	452.0	524.0	360.9	91.	180.	AG	24.	100.0	.0	48.0	.78	4.6
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1149.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1357.	1.2	.0	44.0		
6. sbq	476.0	548.0	476.0	587.2	39.	360.	AG	24.	100.0	.0	48.0	.36	2.0
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	1158.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	1153.	1.2	.0	44.0		
9. ebq	452.0	476.0	401.4	476.0	51.	270.	AG	31.	100.0	.0	48.0	.47	2.6
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1781.	1.2	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1788.	1.2	.0	44.0		
12. wbq	548.0	524.0	627.4	524.0	79.	90.	AG	31.	100.0	.0	48.0	.73	4.0

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Washington - BRT 2030

DATE : 9/16/ 8
TIME : 17:56:58

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	25	3.0	2504	1600	5.47	3	3
6. sbq	60	25	3.0	1149	1600	5.47	3	3
9. ebq	60	32	3.0	1158	1600	5.47	3	3
12. wbq	60	32	3.0	1781	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	558.0	5.4
2. ne	558.0	558.0	5.4
3. sw	442.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Washington - BRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.2	.2
10.	.2	.0	.3	.1
20.	.2	.0	.2	.1
30.	.2	.0	.1	.2
40.	.2	.0	.2	.1
50.	.1	.0	.1	.2
60.	.2	.0	.3	.2
70.	.2	.0	.3	.2
80.	.2	.0	.3	.1
90.	.3	.1	.1	.0
100.	.4	.2	.1	.0
110.	.3	.2	.2	.0
120.	.1	.2	.3	.0
130.	.1	.2	.2	.0
140.	.2	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.2	.2	.0
170.	.3	.2	.2	.0
180.	.3	.3	.0	.2
190.	.2	.5	.0	.2
200.	.2	.3	.0	.4
210.	.1	.3	.0	.2
220.	.1	.2	.0	.2
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.1	.2	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.1	.4
290.	.0	.1	.2	.3
300.	.0	.1	.3	.2
310.	.0	.1	.3	.1
320.	.0	.1	.1	.1
330.	.0	.1	.1	.2
340.	.0	.2	.1	.2
350.	.0	.2	.1	.3
360.	.1	.1	.2	.2
MAX	.4	.5	.3	.4
DEGR.	100	190	10	200

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Washington - TSM 2030

DATE : 9/16/ 8
TIME : 18: 4:35

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2526.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2310.	1.2	.0	44.0		
3. nbq	524.0	452.0	524.0	350.0	102.	180.	AG	25.	100.0	.0	48.0	.82	5.2
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1161.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1370.	1.2	.0	44.0		
6. sbq	476.0	548.0	476.0	589.2	41.	360.	AG	25.	100.0	.0	48.0	.38	2.1
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	1161.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	1154.	1.2	.0	44.0		
9. ebq	452.0	476.0	402.8	476.0	49.	270.	AG	30.	100.0	.0	48.0	.45	2.5
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1839.	1.2	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1853.	1.2	.0	44.0		
12. wbq	548.0	524.0	626.1	524.0	78.	90.	AG	30.	100.0	.0	48.0	.72	4.0

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Washington - TSM 2030

DATE : 9/16/ 8
TIME : 18: 4:35

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	26	3.0	2526	1600	5.47	3	3
6. sbq	60	26	3.0	1161	1600	5.47	3	3
9. ebq	60	31	3.0	1161	1600	5.47	3	3
12. wbq	60	31	3.0	1839	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	558.0	5.4
2. ne	558.0	558.0	5.4
3. sw	442.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Washington - TSM 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.2	.2
10.	.2	.0	.3	.1
20.	.2	.0	.2	.1
30.	.2	.0	.1	.2
40.	.2	.0	.2	.1
50.	.2	.0	.1	.2
60.	.2	.0	.4	.2
70.	.2	.0	.3	.2
80.	.2	.0	.3	.1
90.	.3	.1	.1	.0
100.	.4	.2	.2	.0
110.	.2	.2	.2	.0
120.	.1	.2	.3	.0
130.	.1	.2	.3	.0
140.	.2	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.2	.2	.0
170.	.3	.2	.2	.0
180.	.3	.3	.0	.2
190.	.2	.5	.0	.2
200.	.1	.3	.0	.4
210.	.1	.3	.0	.2
220.	.1	.2	.0	.2
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.1	.2	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.1	.4
290.	.0	.1	.2	.3
300.	.0	.1	.2	.2
310.	.0	.1	.3	.2
320.	.0	.1	.1	.1
330.	.0	.1	.1	.2
340.	.0	.2	.1	.2
350.	.0	.2	.1	.3
360.	.1	.1	.2	.2
MAX	.4	.5	.4	.4
DEGR.	100	190	60	200

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Washington - LRT 2030

DATE : 9/17/ 8
TIME : 11:26:57

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2531.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2325.	1.2	.0	44.0		
3. nbq	524.0	452.0	524.0	358.8	93.	180.	AG	24.	100.0	.0	48.0	.79	4.7
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1176.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1388.	1.2	.0	44.0		
6. sbq	476.0	548.0	476.0	588.2	40.	360.	AG	24.	100.0	.0	48.0	.37	2.0
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	1155.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	1145.	1.2	.0	44.0		
9. ebq	452.0	476.0	401.6	476.0	50.	270.	AG	31.	100.0	.0	48.0	.47	2.6
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1781.	1.2	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1785.	1.2	.0	44.0		
12. wbq	548.0	524.0	627.4	524.0	79.	90.	AG	31.	100.0	.0	48.0	.73	4.0

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Washington - LRT 2030

DATE : 9/17/ 8
TIME : 11:26:57

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	25	3.0	2531	1600	5.47	3	3
6. sbq	60	25	3.0	1176	1600	5.47	3	3
9. ebq	60	32	3.0	1155	1600	5.47	3	3
12. wbq	60	32	3.0	1781	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	558.0	5.4
2. ne	558.0	558.0	5.4
3. sw	442.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Washington - LRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.2	.2
10.	.2	.0	.3	.1
20.	.2	.0	.2	.1
30.	.2	.0	.1	.2
40.	.2	.0	.2	.1
50.	.1	.0	.1	.2
60.	.2	.0	.4	.2
70.	.2	.0	.3	.2
80.	.2	.0	.3	.1
90.	.3	.1	.1	.0
100.	.4	.2	.1	.0
110.	.3	.2	.2	.0
120.	.1	.2	.3	.0
130.	.1	.2	.2	.0
140.	.2	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.2	.2	.0
170.	.3	.2	.2	.0
180.	.3	.3	.0	.2
190.	.2	.5	.0	.2
200.	.2	.3	.0	.4
210.	.1	.3	.0	.2
220.	.1	.2	.0	.2
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.1	.2	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.1	.4
290.	.0	.1	.2	.3
300.	.0	.1	.3	.2
310.	.0	.1	.3	.1
320.	.0	.1	.1	.1
330.	.0	.1	.1	.2
340.	.0	.2	.1	.3
350.	.0	.2	.1	.3
360.	.1	.1	.2	.2
MAX	.4	.5	.4	.4
DEGR.	100	190	60	200

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - Existing 2008

DATE : 9/16/ 8
TIME : 18:12:57

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	1719.2	.0	1719.2	1640.4	1640.	360.	AG	2013.	4.8	.0	****		
2. nbd	1719.2	1640.4	1719.2	3280.8	1640.	360.	AG	1829.	4.8	.0	****		
3. nbq	1719.2	1482.9	1719.2	1430.7	52.	180.	AG	17.	100.0	.0	****	.52	2.7
4. sba	1561.7	3280.8	1561.7	1640.4	1640.	180.	AG	2285.	4.8	.0	****		
5. sbd	1561.7	1640.4	1561.7	.0	1640.	180.	AG	2629.	4.8	.0	****		
6. sbq	1561.7	1758.5	1561.7	1817.9	59.	360.	AG	17.	100.0	.0	****	.60	3.0
7. eba	.0	1561.7	1640.4	1561.7	1640.	90.	AG	1415.	4.8	.0	****		
8. ebd	1640.4	1561.7	3280.8	1561.7	1640.	90.	AG	1166.	4.8	.0	****		
9. ebq	1482.9	1561.7	1399.5	1561.7	83.	270.	AG	35.	100.0	.0	****	.78	4.2
10. wba	3280.8	1699.5	1640.4	1699.5	1640.	270.	AG	669.	4.8	.0	****		
11. wbd	1640.4	1699.5	.0	1699.5	1640.	270.	AG	758.	4.8	.0	****		
12. wbq	1797.9	1699.5	1844.2	1699.5	46.	90.	AG	26.	100.0	.0	****	.49	2.4

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - Existing 2008

DATE : 9/16/ 8
TIME : 18:12:57

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	19	3.0	2013	1600	5.13	3	3
6. sbq	60	19	3.0	2285	1600	5.13	3	3
9. ebq	60	38	3.0	1415	1600	5.13	3	3
12. wbq	60	38	3.0	669	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	1450.1	1791.3	17.7
2. ne	1830.7	1791.3	17.7
3. sw	1450.1	1450.1	17.7
4. se	1830.7	1450.1	17.7

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - Existing 2008

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.3	.2	.3	.4
10.	.5	.0	.7	.1
20.	.5	.0	.6	.1
30.	.3	.0	.4	.1
40.	.3	.0	.5	.1
50.	.3	.0	.4	.1
60.	.3	.0	.6	.2
70.	.2	.0	.6	.3
80.	.2	.0	.7	.2
90.	.3	.1	.4	.1
100.	.4	.2	.3	.0
110.	.4	.2	.3	.0
120.	.4	.2	.3	.0
130.	.4	.2	.3	.0
140.	.4	.2	.3	.0
150.	.6	.1	.4	.0
160.	.7	.1	.6	.0
170.	.9	.1	.6	.0
180.	.4	.3	.2	.2
190.	.1	.6	.0	.6
200.	.1	.6	.0	.5
210.	.2	.5	.0	.4
220.	.2	.5	.0	.4
230.	.2	.4	.0	.3
240.	.2	.4	.0	.2
250.	.2	.4	.0	.2
260.	.3	.4	.0	.2
270.	.1	.3	.2	.4
280.	.0	.2	.4	.5
290.	.0	.2	.3	.4
300.	.0	.2	.2	.5
310.	.0	.2	.2	.4
320.	.0	.3	.1	.3
330.	.0	.4	.1	.5
340.	.0	.5	.1	.6
350.	.0	.5	.1	.7
360.	.3	.2	.3	.4
MAX	.9	.6	.7	.7
DEGR.	170	190	10	350

THE HIGHEST CONCENTRATION OF .90 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - No Build 2030

DATE : 9/16/ 8
TIME : 18:15:19

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	1719.2	.0	1719.2	1640.4	1640.	360.	AG	2419.	1.2	.0	****		
2. nbd	1719.2	1640.4	1719.2	3280.8	1640.	360.	AG	2176.	1.2	.0	****		
3. nbq	1719.2	1482.9	1719.2	1420.2	63.	180.	AG	19.	100.0	.0	****	.63	3.2
4. sba	1561.7	3280.8	1561.7	1640.4	1640.	180.	AG	2677.	1.2	.0	****		
5. sbd	1561.7	1640.4	1561.7	.0	1640.	180.	AG	3061.	1.2	.0	****		
6. sbq	1561.7	1758.5	1561.7	1828.0	70.	360.	AG	19.	100.0	.0	****	.70	3.5
7. eba	.0	1561.7	1640.4	1561.7	1640.	90.	AG	1728.	1.2	.0	****		
8. ebd	1640.4	1561.7	3280.8	1561.7	1640.	90.	AG	1460.	1.2	.0	****		
9. ebq	1482.9	1561.7	1325.8	1561.7	157.	270.	AG	37.	100.0	.0	****	.95	8.0
10. wba	3280.8	1699.5	1640.4	1699.5	1640.	270.	AG	839.	1.2	.0	****		
11. wbd	1640.4	1699.5	.0	1699.5	1640.	270.	AG	966.	1.2	.0	****		
12. wbq	1797.9	1699.5	1855.9	1699.5	58.	90.	AG	28.	100.0	.0	****	.62	2.9

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - No Build 2030

DATE : 9/16/ 8
TIME : 18:15:19

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	19	3.0	2419	1600	5.47	3	3
6. sbq	60	19	3.0	2677	1600	5.47	3	3
9. ebq	60	38	3.0	1728	1600	5.47	3	3
12. wbq	60	38	3.0	839	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	1450.1	1791.3	17.7
2. ne	1830.7	1791.3	17.7
3. sw	1450.1	1450.1	17.7
4. se	1830.7	1450.1	17.7

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - No Build 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.0	.1	.1
10.	.1	.0	.1	.0
20.	.1	.0	.1	.0
30.	.1	.0	.0	.0
40.	.1	.0	.0	.0
50.	.0	.0	.1	.0
60.	.0	.0	.1	.0
70.	.0	.0	.0	.1
80.	.0	.0	.1	.1
90.	.0	.0	.0	.0
100.	.0	.0	.0	.0
110.	.0	.0	.0	.0
120.	.0	.0	.1	.0
130.	.0	.0	.1	.0
140.	.0	.0	.1	.0
150.	.0	.0	.1	.0
160.	.2	.0	.2	.0
170.	.1	.0	.1	.0
180.	.1	.1	.1	.1
190.	.0	.2	.0	.1
200.	.0	.2	.0	.2
210.	.0	.1	.0	.2
220.	.0	.0	.0	.1
230.	.0	.0	.0	.0
240.	.0	.0	.0	.0
250.	.0	.0	.0	.0
260.	.1	.0	.0	.0
270.	.0	.0	.1	.0
280.	.0	.0	.1	.1
290.	.0	.0	.1	.0
300.	.0	.0	.0	.0
310.	.0	.0	.0	.0
320.	.0	.0	.0	.0
330.	.0	.1	.1	.0
340.	.0	.2	.1	.2
350.	.0	.1	.0	.2
360.	.1	.0	.1	.1
MAX	.2	.2	.2	.2
DEGR.	160	190	160	200

THE HIGHEST CONCENTRATION OF .20 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - BRT 2030

DATE : 9/16/ 8
TIME : 18:16:53

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	1719.2	.0	1719.2	1640.4	1640.	360.	AG	2400.	1.2	.0	****		
2. nbd	1719.2	1640.4	1719.2	3280.8	1640.	360.	AG	2163.	1.2	.0	****		
3. nbq	1719.2	1482.9	1719.2	1420.6	62.	180.	AG	19.	100.0	.0	****	.63	3.2
4. sba	1561.7	3280.8	1561.7	1640.4	1640.	180.	AG	2640.	1.2	.0	****		
5. sbd	1561.7	1640.4	1561.7	.0	1640.	180.	AG	3021.	1.2	.0	****		
6. sbq	1561.7	1758.5	1561.7	1827.1	69.	360.	AG	19.	100.0	.0	****	.69	3.5
7. eba	.0	1561.7	1640.4	1561.7	1640.	90.	AG	1719.	1.2	.0	****		
8. ebd	1640.4	1561.7	3280.8	1561.7	1640.	90.	AG	1458.	1.2	.0	****		
9. ebq	1482.9	1561.7	1330.6	1561.7	152.	270.	AG	37.	100.0	.0	****	.95	7.7
10. wba	3280.8	1699.5	1640.4	1699.5	1640.	270.	AG	808.	1.2	.0	****		
11. wbd	1640.4	1699.5	.0	1699.5	1640.	270.	AG	925.	1.2	.0	****		
12. wbq	1797.9	1699.5	1853.8	1699.5	56.	90.	AG	28.	100.0	.0	****	.59	2.8

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - BRT 2030

DATE : 9/16/ 8
TIME : 18:16:53

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	19	3.0	2400	1600	5.47	3	3
6. sbq	60	19	3.0	2640	1600	5.47	3	3
9. ebq	60	38	3.0	1719	1600	5.47	3	3
12. wbq	60	38	3.0	808	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	1450.1	1791.3	17.7
2. ne	1830.7	1791.3	17.7
3. sw	1450.1	1450.1	17.7
4. se	1830.7	1450.1	17.7

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - BRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.0	.1	.1
10.	.1	.0	.1	.0
20.	.1	.0	.1	.0
30.	.1	.0	.0	.0
40.	.1	.0	.0	.0
50.	.0	.0	.1	.0
60.	.0	.0	.1	.0
70.	.0	.0	.0	.1
80.	.0	.0	.1	.1
90.	.0	.0	.0	.0
100.	.0	.0	.0	.0
110.	.0	.0	.0	.0
120.	.0	.0	.1	.0
130.	.0	.0	.1	.0
140.	.0	.0	.1	.0
150.	.0	.0	.1	.0
160.	.2	.0	.2	.0
170.	.1	.0	.1	.0
180.	.1	.1	.1	.1
190.	.0	.2	.0	.1
200.	.0	.2	.0	.2
210.	.0	.1	.0	.2
220.	.0	.0	.0	.1
230.	.0	.0	.0	.0
240.	.0	.0	.0	.0
250.	.0	.0	.0	.0
260.	.0	.0	.0	.0
270.	.0	.0	.1	.0
280.	.0	.0	.1	.1
290.	.0	.0	.1	.0
300.	.0	.0	.0	.0
310.	.0	.0	.0	.0
320.	.0	.0	.0	.0
330.	.0	.1	.1	.0
340.	.0	.2	.1	.2
350.	.0	.1	.0	.2
360.	.1	.0	.1	.1
MAX	.2	.2	.2	.2
DEGR.	160	190	160	200

THE HIGHEST CONCENTRATION OF .20 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - TSM 2030

DATE : 9/16/ 8
TIME : 18:18:26

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	1719.2	.0	1719.2	1640.4	1640.	360.	AG	2410.	1.2	.0	****		
2. nbd	1719.2	1640.4	1719.2	3280.8	1640.	360.	AG	2165.	1.2	.0	****		
3. nbq	1719.2	1482.9	1719.2	1420.4	63.	180.	AG	19.	100.0	.0	****	.63	3.2
4. sba	1561.7	3280.8	1561.7	1640.4	1640.	180.	AG	2677.	1.2	.0	****		
5. sbd	1561.7	1640.4	1561.7	.0	1640.	180.	AG	3061.	1.2	.0	****		
6. sbq	1561.7	1758.5	1561.7	1828.0	70.	360.	AG	19.	100.0	.0	****	.70	3.5
7. eba	.0	1561.7	1640.4	1561.7	1640.	90.	AG	1731.	1.2	.0	****		
8. ebd	1640.4	1561.7	3280.8	1561.7	1640.	90.	AG	1466.	1.2	.0	****		
9. ebq	1482.9	1561.7	1325.8	1561.7	157.	270.	AG	37.	100.0	.0	****	.95	8.0
10. wba	3280.8	1699.5	1640.4	1699.5	1640.	270.	AG	834.	1.2	.0	****		
11. wbd	1640.4	1699.5	.0	1699.5	1640.	270.	AG	960.	1.2	.0	****		
12. wbq	1797.9	1699.5	1855.7	1699.5	58.	90.	AG	28.	100.0	.0	****	.61	2.9

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - TSM 2030

DATE : 9/16/ 8
TIME : 18:18:26

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	19	3.0	2410	1600	5.47	3	3
6. sbq	60	19	3.0	2677	1600	5.47	3	3
9. ebq	60	38	3.0	1731	1600	5.47	3	3
12. wbq	60	38	3.0	834	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	1450.1	1791.3	17.7
2. ne	1830.7	1791.3	17.7
3. sw	1450.1	1450.1	17.7
4. se	1830.7	1450.1	17.7

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - TSM 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.0	.1	.1
10.	.1	.0	.1	.0
20.	.1	.0	.1	.0
30.	.1	.0	.0	.0
40.	.1	.0	.0	.0
50.	.0	.0	.1	.0
60.	.0	.0	.1	.0
70.	.0	.0	.0	.1
80.	.0	.0	.1	.1
90.	.0	.0	.0	.0
100.	.0	.0	.0	.0
110.	.0	.0	.0	.0
120.	.0	.0	.1	.0
130.	.0	.0	.1	.0
140.	.0	.0	.1	.0
150.	.0	.0	.1	.0
160.	.2	.0	.2	.0
170.	.1	.0	.1	.0
180.	.1	.1	.1	.1
190.	.0	.2	.0	.1
200.	.0	.2	.0	.2
210.	.0	.1	.0	.2
220.	.0	.0	.0	.1
230.	.0	.0	.0	.0
240.	.0	.0	.0	.0
250.	.0	.0	.0	.0
260.	.1	.0	.0	.0
270.	.0	.0	.1	.0
280.	.0	.0	.1	.1
290.	.0	.0	.1	.0
300.	.0	.0	.0	.0
310.	.0	.0	.0	.0
320.	.0	.0	.0	.0
330.	.0	.1	.1	.0
340.	.0	.2	.1	.2
350.	.0	.1	.0	.2
360.	.1	.0	.1	.1
MAX	.2	.2	.2	.2
DEGR.	160	190	160	200

THE HIGHEST CONCENTRATION OF .20 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - LRT 2030

DATE : 9/17/ 8
TIME : 11:28:52

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	1719.2	.0	1719.2	1640.4	1640.	360.	AG	2401.	1.2	.0	****		
2. nbd	1719.2	1640.4	1719.2	3280.8	1640.	360.	AG	2162.	1.2	.0	****		
3. nbq	1719.2	1482.9	1719.2	1420.6	62.	180.	AG	19.	100.0	.0	****	.63	3.2
4. sba	1561.7	3280.8	1561.7	1640.4	1640.	180.	AG	2663.	1.2	.0	****		
5. sbd	1561.7	1640.4	1561.7	.0	1640.	180.	AG	3048.	1.2	.0	****		
6. sbq	1561.7	1758.5	1561.7	1827.6	69.	360.	AG	19.	100.0	.0	****	.69	3.5
7. eba	.0	1561.7	1640.4	1561.7	1640.	90.	AG	1736.	1.2	.0	****		
8. ebd	1640.4	1561.7	3280.8	1561.7	1640.	90.	AG	1474.	1.2	.0	****		
9. ebq	1482.9	1561.7	1322.5	1561.7	160.	270.	AG	37.	100.0	.0	****	.96	8.2
10. wba	3280.8	1699.5	1640.4	1699.5	1640.	270.	AG	810.	1.2	.0	****		
11. wbd	1640.4	1699.5	.0	1699.5	1640.	270.	AG	926.	1.2	.0	****		
12. wbq	1797.9	1699.5	1854.0	1699.5	56.	90.	AG	28.	100.0	.0	****	.60	2.9

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - LRT 2030

DATE : 9/17/ 8
TIME : 11:28:52

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	19	3.0	2401	1600	5.47	3	3
6. sbq	60	19	3.0	2663	1600	5.47	3	3
9. ebq	60	38	3.0	1736	1600	5.47	3	3
12. wbq	60	38	3.0	810	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	1450.1	1791.3	17.7
2. ne	1830.7	1791.3	17.7
3. sw	1450.1	1450.1	17.7
4. se	1830.7	1450.1	17.7

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - LRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.0	.1	.1
10.	.1	.0	.1	.0
20.	.1	.0	.1	.0
30.	.1	.0	.0	.0
40.	.1	.0	.0	.0
50.	.0	.0	.1	.0
60.	.0	.0	.1	.0
70.	.0	.0	.0	.1
80.	.0	.0	.1	.1
90.	.0	.0	.0	.0
100.	.0	.0	.0	.0
110.	.0	.0	.0	.0
120.	.0	.0	.1	.0
130.	.0	.0	.1	.0
140.	.0	.0	.1	.0
150.	.0	.0	.1	.0
160.	.2	.0	.2	.0
170.	.1	.0	.1	.0
180.	.1	.1	.1	.1
190.	.0	.2	.0	.1
200.	.0	.2	.0	.2
210.	.0	.1	.0	.2
220.	.0	.0	.0	.1
230.	.0	.0	.0	.0
240.	.0	.0	.0	.0
250.	.0	.0	.0	.0
260.	.0	.0	.0	.0
270.	.0	.0	.1	.0
280.	.0	.0	.1	.1
290.	.0	.0	.1	.0
300.	.0	.0	.0	.0
310.	.0	.0	.0	.0
320.	.0	.0	.0	.0
330.	.0	.1	.1	.0
340.	.0	.2	.1	.2
350.	.0	.1	.0	.2
360.	.1	.0	.1	.1
MAX	.2	.2	.2	.2
DEGR.	160	190	160	200

THE HIGHEST CONCENTRATION OF .20 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - Existing 2008

DATE : 9/17/ 8
TIME : 9:38: 0

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	1789.	4.8	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2055.	4.8	.0	56.0		
3. nbq	524.0	452.0	524.0	398.2	54.	180.	AG	20.	100.0	.0	48.0	.51	2.7
4. sba	470.0	1000.0	470.0	500.0	500.	180.	AG	2571.	4.8	.0	80.0		
5. sbd	470.0	500.0	470.0	.0	500.	180.	AG	2310.	4.8	.0	56.0		
6. sbq	470.0	548.0	470.0	609.8	62.	360.	AG	25.	100.0	.0	60.0	.58	3.1
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	1362.	4.8	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	1544.	4.8	.0	44.0		
9. ebq	440.0	476.0	374.9	476.0	65.	270.	AG	32.	100.0	.0	48.0	.64	3.3
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1286.	4.8	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1099.	4.8	.0	44.0		
12. wbq	548.0	524.0	609.4	524.0	61.	90.	AG	32.	100.0	.0	48.0	.60	3.1

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - Existing 2008

DATE : 9/17/ 8
TIME : 9:38: 0

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	22	3.0	1789	1600	5.13	3	3
6. sbq	60	22	3.0	2571	1600	5.13	3	3
9. ebq	60	35	3.0	1362	1600	5.13	3	3
12. wbq	60	35	3.0	1286	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	430.0	558.0	5.4
2. ne	558.0	558.0	5.4
3. sw	430.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - Existing 2008

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.5	.4	.9	1.0
10.	1.1	.0	1.3	.4
20.	1.0	.0	1.3	.4
30.	.8	.0	1.1	.3
40.	.8	.0	1.1	.4
50.	.7	.0	.9	.5
60.	.7	.0	1.0	.5
70.	.6	.0	1.2	.6
80.	.6	.1	1.4	.6
90.	1.0	.3	.9	.2
100.	1.1	.7	.5	.0
110.	1.2	.7	.5	.0
120.	1.1	.6	.5	.0
130.	.9	.5	.6	.0
140.	1.0	.5	.6	.0
150.	1.1	.5	.7	.0
160.	1.4	.5	.9	.0
170.	1.3	.4	.8	.1
180.	.9	.8	.3	.4
190.	.3	1.3	.0	.9
200.	.4	1.3	.0	.9
210.	.5	1.1	.0	.7
220.	.4	1.1	.0	.6
230.	.4	.9	.0	.6
240.	.4	1.1	.0	.6
250.	.5	1.2	.0	.6
260.	.4	1.2	.1	.6
270.	.1	.9	.3	.9
280.	.0	.7	.6	1.1
290.	.0	.6	.7	1.0
300.	.0	.6	.6	1.0
310.	.0	.6	.5	1.0
320.	.0	.7	.4	1.1
330.	.0	.9	.4	1.1
340.	.0	1.0	.4	1.3
350.	.1	1.0	.5	1.4
360.	.5	.4	.9	1.0
MAX	1.4	1.3	1.4	1.4
DEGR.	160	190	80	350

THE HIGHEST CONCENTRATION OF 1.40 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - No Build 2030

DATE : 9/17/ 8
TIME : 9:45: 3

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2161.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2471.	1.2	.0	56.0		
3. nbq	524.0	452.0	524.0	387.0	65.	180.	AG	22.	100.0	.0	48.0	.61	3.3
4. sba	470.0	1000.0	470.0	500.0	500.	180.	AG	3017.	1.2	.0	80.0		
5. sbd	470.0	500.0	470.0	.0	500.	180.	AG	2662.	1.2	.0	56.0		
6. sbq	470.0	548.0	470.0	620.5	73.	360.	AG	27.	100.0	.0	60.0	.69	3.7
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	1697.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	1946.	1.2	.0	44.0		
9. ebq	440.0	476.0	347.4	476.0	93.	270.	AG	34.	100.0	.0	48.0	.80	4.7
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1571.	1.2	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1367.	1.2	.0	44.0		
12. wbq	548.0	524.0	626.8	524.0	79.	90.	AG	34.	100.0	.0	48.0	.74	4.0

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - No Build 2030

DATE : 9/17/ 8
TIME : 9:45: 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	22	3.0	2161	1600	5.47	3	3
6. sbq	60	22	3.0	3017	1600	5.47	3	3
9. ebq	60	35	3.0	1697	1600	5.47	3	3
12. wbq	60	35	3.0	1571	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	430.0	558.0	5.4
2. ne	558.0	558.0	5.4
3. sw	430.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - No Build 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.2	.1	.3	.3
10.	.3	.0	.5	.2
20.	.3	.0	.3	.2
30.	.4	.0	.4	.2
40.	.3	.0	.3	.1
50.	.3	.0	.2	.1
60.	.3	.0	.4	.2
70.	.3	.0	.4	.2
80.	.3	.0	.4	.1
90.	.4	.1	.3	.1
100.	.6	.1	.1	.0
110.	.4	.3	.2	.0
120.	.3	.3	.2	.0
130.	.2	.3	.2	.0
140.	.3	.2	.2	.0
150.	.4	.2	.2	.0
160.	.3	.2	.3	.0
170.	.4	.2	.2	.0
180.	.2	.3	.1	.1
190.	.1	.5	.0	.3
200.	.1	.4	.0	.3
210.	.2	.4	.0	.3
220.	.2	.3	.0	.3
230.	.2	.2	.0	.3
240.	.2	.4	.0	.3
250.	.2	.4	.0	.3
260.	.1	.4	.0	.3
270.	.0	.3	.1	.4
280.	.0	.3	.2	.4
290.	.0	.3	.3	.4
300.	.0	.2	.2	.2
310.	.0	.2	.2	.3
320.	.0	.2	.2	.3
330.	.0	.2	.2	.4
340.	.0	.3	.2	.4
350.	.0	.3	.2	.5
360.	.2	.1	.3	.3
MAX	.6	.5	.5	.5
DEGR.	100	190	10	350

THE HIGHEST CONCENTRATION OF .60 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - BRT 2030

DATE : 9/17/ 8
TIME : 9:52:40

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2099.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2387.	1.2	.0	56.0		
3. nbq	524.0	452.0	524.0	389.0	63.	180.	AG	22.	100.0	.0	48.0	.60	3.2
4. sba	470.0	1000.0	470.0	500.0	500.	180.	AG	2932.	1.2	.0	80.0		
5. sbd	470.0	500.0	470.0	.0	500.	180.	AG	2565.	1.2	.0	56.0		
6. sbq	470.0	548.0	470.0	618.5	70.	360.	AG	27.	100.0	.0	60.0	.67	3.6
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	1686.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	1948.	1.2	.0	44.0		
9. ebq	440.0	476.0	348.8	476.0	91.	270.	AG	34.	100.0	.0	48.0	.79	4.6
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1557.	1.2	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1374.	1.2	.0	44.0		
12. wbq	548.0	524.0	625.7	524.0	78.	90.	AG	34.	100.0	.0	48.0	.73	3.9

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - BRT 2030

DATE : 9/17/ 8
TIME : 9:52:40

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	22	3.0	2099	1600	5.47	3	3
6. sbq	60	22	3.0	2932	1600	5.47	3	3
9. ebq	60	35	3.0	1686	1600	5.47	3	3
12. wbq	60	35	3.0	1557	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	430.0	558.0	5.4
2. ne	558.0	558.0	5.4
3. sw	430.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - BRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.2	.1	.3	.3
10.	.2	.0	.5	.2
20.	.3	.0	.3	.2
30.	.3	.0	.4	.2
40.	.3	.0	.3	.1
50.	.3	.0	.2	.1
60.	.3	.0	.4	.2
70.	.3	.0	.4	.2
80.	.3	.0	.3	.1
90.	.4	.1	.2	.1
100.	.6	.1	.1	.0
110.	.4	.3	.2	.0
120.	.3	.3	.2	.0
130.	.2	.3	.2	.0
140.	.3	.3	.2	.0
150.	.4	.2	.2	.0
160.	.3	.2	.3	.0
170.	.4	.2	.2	.0
180.	.2	.3	.1	.1
190.	.1	.5	.0	.3
200.	.1	.4	.0	.2
210.	.2	.3	.0	.3
220.	.2	.3	.0	.3
230.	.2	.2	.0	.3
240.	.2	.4	.0	.3
250.	.2	.4	.0	.3
260.	.1	.4	.0	.3
270.	.0	.3	.1	.4
280.	.0	.3	.2	.4
290.	.0	.3	.3	.4
300.	.0	.2	.2	.2
310.	.0	.2	.2	.3
320.	.0	.2	.2	.3
330.	.0	.2	.2	.4
340.	.0	.3	.2	.4
350.	.0	.3	.2	.5
360.	.2	.1	.3	.3
MAX	.6	.5	.5	.5
DEGR.	100	190	10	350

THE HIGHEST CONCENTRATION OF .60 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - TSM 2030

DATE : 9/17/ 8
TIME : 9:56:39

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2154.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2461.	1.2	.0	56.0		
3. nbq	524.0	452.0	524.0	387.3	65.	180.	AG	22.	100.0	.0	48.0	.61	3.3
4. sba	470.0	1000.0	470.0	500.0	500.	180.	AG	3008.	1.2	.0	80.0		
5. sbd	470.0	500.0	470.0	.0	500.	180.	AG	2653.	1.2	.0	56.0		
6. sbq	470.0	548.0	470.0	620.3	72.	360.	AG	27.	100.0	.0	60.0	.68	3.7
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	1694.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	1943.	1.2	.0	44.0		
9. ebq	440.0	476.0	347.9	476.0	92.	270.	AG	34.	100.0	.0	48.0	.79	4.7
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1568.	1.2	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1367.	1.2	.0	44.0		
12. wbq	548.0	524.0	626.8	524.0	79.	90.	AG	34.	100.0	.0	48.0	.74	4.0

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - TSM 2030

DATE : 9/17/ 8
TIME : 9:56:39

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	22	3.0	2154	1600	5.47	3	3
6. sbq	60	22	3.0	3008	1600	5.47	3	3
9. ebq	60	35	3.0	1694	1600	5.47	3	3
12. wbq	60	35	3.0	1568	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	430.0	558.0	5.4
2. ne	558.0	558.0	5.4
3. sw	430.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - TSM 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.2	.1	.3	.3
10.	.2	.0	.5	.2
20.	.3	.0	.3	.2
30.	.4	.0	.4	.2
40.	.3	.0	.3	.1
50.	.3	.0	.2	.1
60.	.3	.0	.4	.2
70.	.3	.0	.4	.2
80.	.3	.0	.3	.1
90.	.4	.1	.3	.1
100.	.6	.1	.1	.0
110.	.4	.3	.2	.0
120.	.3	.3	.2	.0
130.	.2	.3	.2	.0
140.	.3	.2	.2	.0
150.	.4	.2	.2	.0
160.	.3	.2	.3	.0
170.	.4	.2	.2	.0
180.	.2	.3	.1	.1
190.	.1	.5	.0	.3
200.	.1	.4	.0	.3
210.	.2	.4	.0	.3
220.	.2	.3	.0	.3
230.	.2	.2	.0	.3
240.	.2	.4	.0	.3
250.	.2	.4	.0	.3
260.	.1	.4	.0	.3
270.	.0	.3	.1	.4
280.	.0	.3	.2	.4
290.	.0	.3	.3	.4
300.	.0	.2	.2	.2
310.	.0	.2	.2	.3
320.	.0	.2	.2	.3
330.	.0	.2	.2	.4
340.	.0	.3	.2	.4
350.	.0	.3	.2	.5
360.	.2	.1	.3	.3
MAX	.6	.5	.5	.5
DEGR.	100	190	10	350

THE HIGHEST CONCENTRATION OF .60 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - LRT 2030

DATE : 9/17/ 8
TIME : 11:30:49

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	2157.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	2465.	1.2	.0	56.0		
3. nbq	524.0	452.0	524.0	387.2	65.	180.	AG	22.	100.0	.0	48.0	.61	3.3
4. sba	470.0	1000.0	470.0	500.0	500.	180.	AG	3002.	1.2	.0	80.0		
5. sbd	470.0	500.0	470.0	.0	500.	180.	AG	2648.	1.2	.0	56.0		
6. sbq	470.0	548.0	470.0	620.2	72.	360.	AG	27.	100.0	.0	60.0	.68	3.7
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	1691.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	1939.	1.2	.0	44.0		
9. ebq	440.0	476.0	348.3	476.0	92.	270.	AG	34.	100.0	.0	48.0	.79	4.7
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1570.	1.2	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1368.	1.2	.0	44.0		
12. wbq	548.0	524.0	626.8	524.0	79.	90.	AG	34.	100.0	.0	48.0	.74	4.0

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - LRT 2030

DATE : 9/17/ 8
TIME : 11:30:49

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	22	3.0	2157	1600	5.47	3	3
6. sbq	60	22	3.0	3002	1600	5.47	3	3
9. ebq	60	35	3.0	1691	1600	5.47	3	3
12. wbq	60	35	3.0	1570	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	430.0	558.0	5.4
2. ne	558.0	558.0	5.4
3. sw	430.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - LRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.2	.1	.3	.3
10.	.2	.0	.5	.2
20.	.3	.0	.3	.2
30.	.4	.0	.4	.2
40.	.3	.0	.3	.1
50.	.3	.0	.2	.1
60.	.3	.0	.4	.2
70.	.3	.0	.4	.2
80.	.3	.0	.4	.1
90.	.4	.1	.3	.1
100.	.6	.1	.1	.0
110.	.4	.3	.2	.0
120.	.3	.3	.2	.0
130.	.2	.3	.2	.0
140.	.3	.2	.2	.0
150.	.4	.2	.2	.0
160.	.3	.2	.3	.0
170.	.4	.2	.2	.0
180.	.2	.3	.1	.1
190.	.1	.5	.0	.3
200.	.1	.4	.0	.3
210.	.2	.4	.0	.3
220.	.2	.3	.0	.3
230.	.2	.2	.0	.3
240.	.2	.4	.0	.3
250.	.2	.4	.0	.3
260.	.1	.4	.0	.3
270.	.0	.3	.1	.4
280.	.0	.3	.2	.4
290.	.0	.3	.3	.4
300.	.0	.2	.2	.2
310.	.0	.2	.2	.3
320.	.0	.2	.2	.3
330.	.0	.2	.2	.4
340.	.0	.3	.2	.4
350.	.0	.3	.2	.5
360.	.2	.1	.3	.3
MAX	.6	.5	.5	.5
DEGR.	100	190	10	350

THE HIGHEST CONCENTRATION OF .60 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - Existing 2008

DATE : 9/17/ 8
TIME : 10:34:15

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	1269.	4.8	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	1271.	4.8	.0	56.0		
3. nbq	524.0	452.0	524.0	398.3	54.	180.	AG	28.	100.0	.0	48.0	.50	2.7
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1320.	4.8	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1264.	4.8	.0	44.0		
6. sbq	476.0	548.0	476.0	603.9	56.	360.	AG	28.	100.0	.0	48.0	.52	2.8
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	1883.	4.8	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	1771.	4.8	.0	56.0		
9. ebq	452.0	476.0	385.2	476.0	67.	270.	AG	24.	100.0	.0	48.0	.61	3.4
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1170.	4.8	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1336.	4.8	.0	56.0		
12. wbq	548.0	524.0	589.5	524.0	42.	90.	AG	24.	100.0	.0	48.0	.38	2.1

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - Existing 2008

DATE : 9/17/ 8
TIME : 10:34:15

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	31	3.0	1269	1600	5.13	3	3
6. sbq	60	31	3.0	1320	1600	5.13	3	3
9. ebq	60	26	3.0	1883	1600	5.13	3	3
12. wbq	60	26	3.0	1170	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	558.0	5.4
2. ne	558.0	558.0	5.4
3. sw	442.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - Existing 2008

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.3	.2	.8	.7
10.	.6	.0	1.1	.3
20.	.6	.0	.9	.3
30.	.6	.0	.9	.4
40.	.5	.0	.9	.4
50.	.4	.0	.9	.4
60.	.4	.0	.9	.6
70.	.4	.0	1.0	.7
80.	.4	.1	1.2	.7
90.	.6	.3	.7	.3
100.	1.0	.6	.4	.0
110.	.9	.6	.4	.0
120.	.9	.6	.3	.0
130.	.9	.4	.3	.0
140.	.7	.5	.4	.0
150.	1.0	.5	.5	.0
160.	1.0	.5	.5	.0
170.	1.1	.5	.5	.1
180.	.7	.8	.2	.3
190.	.4	1.2	.0	.6
200.	.5	.9	.0	.6
210.	.4	.9	.0	.6
220.	.4	.8	.0	.5
230.	.4	.9	.0	.4
240.	.6	.9	.0	.4
250.	.7	.9	.0	.4
260.	.7	1.1	.1	.4
270.	.2	.7	.5	.8
280.	.0	.4	.8	1.3
290.	.0	.4	.7	1.0
300.	.0	.4	.7	.9
310.	.0	.4	.7	.9
320.	.0	.4	.5	.9
330.	.0	.5	.5	.9
340.	.0	.6	.5	.8
350.	.1	.5	.5	1.0
360.	.3	.2	.8	.7
MAX	1.1	1.2	1.2	1.3
DEGR.	170	190	80	280

THE HIGHEST CONCENTRATION OF 1.30 PPM OCCURRED AT RECEPTOR REC4 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - No Build 2030

DATE : 9/17/ 8
TIME : 10:36:52

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	1539.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	1529.	1.2	.0	56.0		
3. nbq	524.0	452.0	524.0	386.9	65.	180.	AG	30.	100.0	.0	48.0	.60	3.3
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1551.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1457.	1.2	.0	44.0		
6. sbq	476.0	548.0	476.0	613.6	66.	360.	AG	30.	100.0	.0	48.0	.61	3.3
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	2350.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	2231.	1.2	.0	56.0		
9. ebq	452.0	476.0	366.1	476.0	86.	270.	AG	25.	100.0	.0	48.0	.76	4.4
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1440.	1.2	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1663.	1.2	.0	56.0		
12. wbq	548.0	524.0	599.2	524.0	51.	90.	AG	25.	100.0	.0	48.0	.47	2.6

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - No Build 2030

DATE : 9/17/ 8
TIME : 10:36:52

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	31	3.0	1539	1600	5.47	3	3
6. sbq	60	31	3.0	1551	1600	5.47	3	3
9. ebq	60	26	3.0	2350	1600	5.47	3	3
12. wbq	60	26	3.0	1440	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	558.0	5.4
2. ne	558.0	558.0	5.4
3. sw	442.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - No Build 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.3	.2
10.	.1	.0	.5	.2
20.	.3	.0	.3	.1
30.	.3	.0	.2	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.1
60.	.2	.0	.4	.2
70.	.2	.0	.3	.3
80.	.2	.0	.4	.2
90.	.3	.1	.3	.1
100.	.4	.2	.1	.0
110.	.3	.2	.1	.0
120.	.3	.2	.1	.0
130.	.3	.3	.1	.0
140.	.2	.3	.1	.0
150.	.2	.3	.2	.0
160.	.4	.3	.2	.0
170.	.4	.2	.1	.0
180.	.3	.4	.0	.1
190.	.3	.5	.0	.1
200.	.3	.4	.0	.3
210.	.3	.1	.0	.2
220.	.2	.2	.0	.2
230.	.2	.3	.0	.2
240.	.2	.2	.0	.2
250.	.2	.3	.0	.2
260.	.2	.3	.0	.2
270.	.1	.3	.1	.3
280.	.0	.2	.2	.6
290.	.0	.2	.4	.4
300.	.0	.1	.3	.4
310.	.0	.1	.3	.2
320.	.0	.1	.2	.2
330.	.0	.2	.2	.2
340.	.0	.2	.2	.3
350.	.0	.1	.2	.3
360.	.1	.1	.3	.2
MAX	.4	.5	.5	.6
DEGR.	100	190	10	280

THE HIGHEST CONCENTRATION OF .60 PPM OCCURRED AT RECEPTOR REC4 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - BRT 2030

DATE : 9/17/ 8
TIME : 10:39: 2

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	1500.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	1476.	1.2	.0	56.0		
3. nbq	524.0	452.0	524.0	386.4	66.	180.	AG	31.	100.0	.0	48.0	.61	3.3
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1509.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1403.	1.2	.0	44.0		
6. sbq	476.0	548.0	476.0	614.0	66.	360.	AG	31.	100.0	.0	48.0	.62	3.4
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	2338.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	2234.	1.2	.0	56.0		
9. ebq	452.0	476.0	372.2	476.0	80.	270.	AG	24.	100.0	.0	48.0	.73	4.1
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1436.	1.2	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1670.	1.2	.0	56.0		
12. wbq	548.0	524.0	597.1	524.0	49.	90.	AG	24.	100.0	.0	48.0	.45	2.5

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - BRT 2030

DATE : 9/17/ 8
TIME : 10:39: 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	32	3.0	1500	1600	5.47	3	3
6. sbq	60	32	3.0	1509	1600	5.47	3	3
9. ebq	60	25	3.0	2338	1600	5.47	3	3
12. wbq	60	25	3.0	1436	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	558.0	5.4
2. ne	558.0	558.0	5.4
3. sw	442.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - BRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.3	.2
10.	.1	.0	.5	.1
20.	.3	.0	.3	.1
30.	.3	.0	.2	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.1
60.	.2	.0	.4	.2
70.	.2	.0	.3	.3
80.	.2	.0	.4	.2
90.	.3	.1	.2	.1
100.	.4	.2	.1	.0
110.	.3	.2	.1	.0
120.	.3	.2	.2	.0
130.	.3	.3	.1	.0
140.	.2	.3	.1	.0
150.	.2	.3	.2	.0
160.	.4	.3	.2	.0
170.	.4	.2	.1	.0
180.	.3	.4	.0	.1
190.	.2	.4	.0	.1
200.	.3	.4	.0	.3
210.	.3	.1	.0	.2
220.	.2	.2	.0	.2
230.	.2	.3	.0	.2
240.	.2	.2	.0	.2
250.	.2	.3	.0	.2
260.	.2	.3	.0	.2
270.	.1	.3	.1	.3
280.	.0	.2	.2	.5
290.	.0	.2	.4	.4
300.	.0	.2	.3	.4
310.	.0	.1	.3	.2
320.	.0	.1	.2	.2
330.	.0	.2	.2	.2
340.	.0	.2	.2	.3
350.	.0	.1	.2	.3
360.	.1	.1	.3	.2
MAX	.4	.4	.5	.5
DEGR.	100	180	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - TSM 2030

DATE : 9/17/ 8
TIME : 10:40:45

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	1534.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	1522.	1.2	.0	56.0		
3. nbq	524.0	452.0	524.0	387.1	65.	180.	AG	30.	100.0	.0	48.0	.60	3.3
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1546.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1451.	1.2	.0	44.0		
6. sbq	476.0	548.0	476.0	613.4	65.	360.	AG	30.	100.0	.0	48.0	.60	3.3
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	2346.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	2229.	1.2	.0	56.0		
9. ebq	452.0	476.0	366.4	476.0	86.	270.	AG	25.	100.0	.0	48.0	.76	4.3
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1437.	1.2	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1661.	1.2	.0	56.0		
12. wbq	548.0	524.0	599.0	524.0	51.	90.	AG	25.	100.0	.0	48.0	.46	2.6

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - TSM 2030

DATE : 9/17/ 8
TIME : 10:40:45

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	31	3.0	1534	1600	5.47	3	3
6. sbq	60	31	3.0	1546	1600	5.47	3	3
9. ebq	60	26	3.0	2346	1600	5.47	3	3
12. wbq	60	26	3.0	1437	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	558.0	5.4
2. ne	558.0	558.0	5.4
3. sw	442.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - TSM 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.3	.2
10.	.1	.0	.5	.2
20.	.3	.0	.3	.1
30.	.3	.0	.2	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.1
60.	.2	.0	.4	.2
70.	.2	.0	.3	.3
80.	.2	.0	.4	.2
90.	.3	.1	.3	.1
100.	.4	.2	.1	.0
110.	.3	.2	.1	.0
120.	.3	.2	.1	.0
130.	.3	.3	.1	.0
140.	.2	.3	.1	.0
150.	.2	.3	.2	.0
160.	.4	.3	.2	.0
170.	.4	.2	.1	.0
180.	.3	.4	.0	.1
190.	.3	.5	.0	.1
200.	.3	.4	.0	.3
210.	.3	.1	.0	.2
220.	.2	.2	.0	.2
230.	.2	.3	.0	.2
240.	.2	.2	.0	.2
250.	.2	.3	.0	.2
260.	.2	.3	.0	.2
270.	.1	.3	.1	.3
280.	.0	.2	.2	.6
290.	.0	.2	.4	.4
300.	.0	.1	.3	.4
310.	.0	.1	.3	.2
320.	.0	.1	.2	.2
330.	.0	.2	.2	.2
340.	.0	.2	.2	.3
350.	.0	.1	.2	.3
360.	.1	.1	.3	.2
MAX	.4	.5	.5	.6
DEGR.	100	190	10	280

THE HIGHEST CONCENTRATION OF .60 PPM OCCURRED AT RECEPTOR REC4 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - LRT 2030

DATE : 9/17/ 8
TIME : 11:33:45

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	524.0	.0	524.0	500.0	500.	360.	AG	1583.	1.2	.0	68.0		
2. nbd	524.0	500.0	524.0	1000.0	500.	360.	AG	1572.	1.2	.0	56.0		
3. nbq	524.0	452.0	524.0	385.0	67.	180.	AG	30.	100.0	.0	48.0	.62	3.4
4. sba	476.0	1000.0	476.0	500.0	500.	180.	AG	1545.	1.2	.0	68.0		
5. sbd	476.0	500.0	476.0	.0	500.	180.	AG	1449.	1.2	.0	44.0		
6. sbq	476.0	548.0	476.0	613.4	65.	360.	AG	30.	100.0	.0	48.0	.60	3.3
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	2341.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	2224.	1.2	.0	56.0		
9. ebq	452.0	476.0	366.8	476.0	85.	270.	AG	25.	100.0	.0	48.0	.76	4.3
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1439.	1.2	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1663.	1.2	.0	56.0		
12. wbq	548.0	524.0	599.0	524.0	51.	90.	AG	25.	100.0	.0	48.0	.46	2.6

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - LRT 2030

DATE : 9/17/ 8
TIME : 11:33:45

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	31	3.0	1583	1600	5.47	3	3
6. sbq	60	31	3.0	1545	1600	5.47	3	3
9. ebq	60	26	3.0	2341	1600	5.47	3	3
12. wbq	60	26	3.0	1439	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	442.0	558.0	5.4
2. ne	558.0	558.0	5.4
3. sw	442.0	442.0	5.4
4. se	558.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - LRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.3	.2
10.	.1	.0	.5	.2
20.	.3	.0	.3	.1
30.	.3	.0	.2	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.1
60.	.2	.0	.4	.2
70.	.2	.0	.3	.3
80.	.2	.0	.4	.2
90.	.3	.1	.3	.1
100.	.4	.2	.1	.0
110.	.3	.2	.1	.0
120.	.3	.2	.2	.0
130.	.3	.3	.1	.0
140.	.2	.3	.1	.0
150.	.2	.3	.2	.0
160.	.4	.3	.2	.0
170.	.4	.2	.1	.0
180.	.3	.4	.0	.1
190.	.3	.5	.0	.1
200.	.3	.4	.0	.3
210.	.3	.1	.0	.2
220.	.2	.2	.0	.2
230.	.2	.3	.0	.2
240.	.2	.2	.0	.2
250.	.2	.3	.0	.2
260.	.2	.3	.0	.2
270.	.1	.3	.1	.3
280.	.0	.2	.2	.6
290.	.0	.2	.4	.4
300.	.0	.1	.3	.4
310.	.0	.1	.3	.2
320.	.0	.1	.2	.2
330.	.0	.2	.2	.2
340.	.0	.2	.2	.3
350.	.0	.1	.2	.3
360.	.1	.1	.3	.2
MAX	.4	.5	.5	.6
DEGR.	100	190	10	280

THE HIGHEST CONCENTRATION OF .60 PPM OCCURRED AT RECEPTOR REC4 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - Existing 2008

DATE : 9/17/ 8
TIME : 10:48: 7

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	518.0	.0	518.0	500.0	500.	360.	AG	904.	4.8	.0	56.0		
2. nbd	518.0	500.0	518.0	1000.0	500.	360.	AG	961.	4.8	.0	44.0		
3. nbq	518.0	452.0	518.0	397.7	54.	180.	AG	23.	100.0	.0	36.0	.51	2.8
4. sba	482.0	1000.0	482.0	500.0	500.	180.	AG	1324.	4.8	.0	56.0		
5. sbd	482.0	500.0	482.0	.0	500.	180.	AG	1390.	4.8	.0	44.0		
6. sbq	482.0	548.0	482.0	632.3	84.	360.	AG	23.	100.0	.0	36.0	.75	4.3
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	1841.	4.8	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	1698.	4.8	.0	56.0		
9. ebq	464.0	476.0	403.6	476.0	60.	270.	AG	22.	100.0	.0	48.0	.56	3.1
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1334.	4.8	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1354.	4.8	.0	56.0		
12. wbq	536.0	524.0	579.7	524.0	44.	90.	AG	22.	100.0	.0	48.0	.40	2.2

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - Existing 2008

DATE : 9/17/ 8
TIME : 10:48: 7

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	33	3.0	904	1600	5.13	3	3
6. sbq	60	33	3.0	1324	1600	5.13	3	3
9. ebq	60	24	3.0	1841	1600	5.13	3	3
12. wbq	60	24	3.0	1334	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	454.0	558.0	5.4
2. ne	546.0	558.0	5.4
3. sw	454.0	442.0	5.4
4. se	546.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - Existing 2008

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.4	.2	.8	.7
10.	.7	.0	1.2	.3
20.	.7	.0	1.0	.3
30.	.5	.0	.9	.5
40.	.5	.0	.8	.5
50.	.4	.0	.8	.5
60.	.4	.0	.9	.6
70.	.4	.0	1.1	.7
80.	.4	.1	1.2	.8
90.	.7	.3	.7	.3
100.	1.1	.7	.3	.0
110.	1.0	.7	.4	.0
120.	.8	.5	.3	.0
130.	.8	.5	.3	.0
140.	.7	.5	.4	.0
150.	.8	.5	.4	.0
160.	1.0	.5	.6	.0
170.	1.3	.5	.6	.1
180.	.8	.8	.3	.3
190.	.4	1.1	.0	.6
200.	.4	1.0	.0	.6
210.	.4	.9	.0	.5
220.	.4	.8	.0	.5
230.	.4	.9	.0	.5
240.	.6	.9	.0	.4
250.	.7	.9	.0	.4
260.	.7	1.0	.1	.4
270.	.2	.6	.5	.8
280.	.0	.2	.8	1.2
290.	.0	.4	.7	1.0
300.	.0	.5	.6	.9
310.	.0	.4	.6	.9
320.	.0	.4	.5	.7
330.	.0	.4	.5	.9
340.	.0	.6	.5	.9
350.	.1	.6	.5	1.0
360.	.4	.2	.8	.7
MAX	1.3	1.1	1.2	1.2
DEGR.	170	190	10	280

THE HIGHEST CONCENTRATION OF 1.30 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - No Build 2030

DATE : 9/17/ 8
TIME : 10:50:45

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	518.0	.0	518.0	500.0	500.	360.	AG	1063.	1.2	.0	56.0		
2. nbd	518.0	500.0	518.0	1000.0	500.	360.	AG	1104.	1.2	.0	44.0		
3. nbq	518.0	452.0	518.0	386.2	66.	180.	AG	25.	100.0	.0	36.0	.63	3.3
4. sba	482.0	1000.0	482.0	500.0	500.	180.	AG	1637.	1.2	.0	56.0		
5. sbd	482.0	500.0	482.0	.0	500.	180.	AG	1700.	1.2	.0	44.0		
6. sbq	482.0	548.0	482.0	739.4	191.	360.	AG	25.	100.0	.0	36.0	.97	9.7
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	2317.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	2156.	1.2	.0	56.0		
9. ebq	464.0	476.0	391.2	476.0	73.	270.	AG	22.	100.0	.0	48.0	.68	3.7
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1817.	1.2	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1874.	1.2	.0	56.0		
12. wbq	536.0	524.0	593.1	524.0	57.	90.	AG	22.	100.0	.0	48.0	.53	2.9

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - No Build 2030

DATE : 9/17/ 8
TIME : 10:50:45

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	34	3.0	1063	1600	5.47	3	3
6. sbq	60	34	3.0	1637	1600	5.47	3	3
9. ebq	60	23	3.0	2317	1600	5.47	3	3
12. wbq	60	23	3.0	1817	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	454.0	558.0	5.4
2. ne	546.0	558.0	5.4
3. sw	454.0	442.0	5.4
4. se	546.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - No Build 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.4	.2
10.	.3	.0	.5	.1
20.	.3	.0	.4	.1
30.	.2	.0	.2	.2
40.	.2	.0	.2	.2
50.	.2	.0	.3	.2
60.	.2	.0	.4	.2
70.	.2	.0	.4	.3
80.	.2	.0	.5	.3
90.	.3	.1	.2	.1
100.	.4	.3	.2	.0
110.	.3	.2	.2	.0
120.	.3	.2	.2	.0
130.	.3	.3	.1	.0
140.	.2	.3	.1	.0
150.	.2	.3	.1	.0
160.	.5	.3	.2	.0
170.	.5	.3	.2	.0
180.	.3	.4	.1	.1
190.	.2	.5	.0	.2
200.	.2	.2	.0	.3
210.	.2	.2	.0	.3
220.	.2	.2	.0	.3
230.	.2	.2	.0	.1
240.	.2	.2	.0	.2
250.	.2	.2	.0	.1
260.	.3	.2	.0	.1
270.	.1	.1	.1	.2
280.	.0	.1	.3	.4
290.	.0	.1	.3	.2
300.	.0	.2	.3	.3
310.	.0	.2	.3	.2
320.	.0	.3	.2	.1
330.	.0	.3	.3	.2
340.	.0	.3	.2	.3
350.	.0	.2	.2	.3
360.	.1	.1	.4	.2
MAX	.5	.5	.5	.4
DEGR.	160	190	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - BRT 2030

DATE : 9/17/ 8
TIME : 10:52:31

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	518.0	.0	518.0	500.0	500.	360.	AG	1041.	1.2	.0	56.0		
2. nbd	518.0	500.0	518.0	1000.0	500.	360.	AG	1082.	1.2	.0	44.0		
3. nbq	518.0	452.0	518.0	387.5	65.	180.	AG	25.	100.0	.0	36.0	.62	3.3
4. sba	482.0	1000.0	482.0	500.0	500.	180.	AG	1605.	1.2	.0	56.0		
5. sbd	482.0	500.0	482.0	.0	500.	180.	AG	1671.	1.2	.0	44.0		
6. sbq	482.0	548.0	482.0	722.5	174.	360.	AG	25.	100.0	.0	36.0	.96	8.9
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	2307.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	2151.	1.2	.0	56.0		
9. ebq	464.0	476.0	391.6	476.0	72.	270.	AG	22.	100.0	.0	48.0	.68	3.7
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1738.	1.2	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1787.	1.2	.0	56.0		
12. wbq	536.0	524.0	590.6	524.0	55.	90.	AG	22.	100.0	.0	48.0	.51	2.8

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - BRT 2030

DATE : 9/17/ 8
TIME : 10:52:31

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	34	3.0	1041	1600	5.47	3	3
6. sbq	60	34	3.0	1605	1600	5.47	3	3
9. ebq	60	23	3.0	2307	1600	5.47	3	3
12. wbq	60	23	3.0	1738	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	454.0	558.0	5.4
2. ne	546.0	558.0	5.4
3. sw	454.0	442.0	5.4
4. se	546.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - BRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.3	.2
10.	.3	.0	.4	.1
20.	.2	.0	.3	.1
30.	.2	.0	.2	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.2
60.	.2	.0	.4	.2
70.	.2	.0	.4	.3
80.	.2	.0	.5	.2
90.	.3	.1	.2	.1
100.	.4	.3	.2	.0
110.	.3	.2	.2	.0
120.	.3	.2	.2	.0
130.	.3	.3	.1	.0
140.	.2	.3	.1	.0
150.	.2	.3	.1	.0
160.	.4	.3	.1	.0
170.	.4	.3	.2	.0
180.	.3	.4	.1	.1
190.	.2	.5	.0	.2
200.	.2	.2	.0	.3
210.	.2	.2	.0	.3
220.	.2	.2	.0	.3
230.	.2	.2	.0	.1
240.	.2	.2	.0	.1
250.	.2	.2	.0	.1
260.	.3	.2	.0	.1
270.	.1	.1	.1	.2
280.	.0	.1	.2	.4
290.	.0	.1	.3	.2
300.	.0	.1	.3	.3
310.	.0	.2	.3	.2
320.	.0	.3	.2	.1
330.	.0	.3	.2	.2
340.	.0	.2	.2	.3
350.	.0	.2	.2	.3
360.	.1	.1	.3	.2
MAX	.4	.5	.5	.4
DEGR.	100	190	80	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - TSM 2030

DATE : 9/17/ 8
TIME : 10:54: 4

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	518.0	.0	518.0	500.0	500.	360.	AG	1052.	1.2	.0	56.0		
2. nbd	518.0	500.0	518.0	1000.0	500.	360.	AG	1091.	1.2	.0	44.0		
3. nbq	518.0	452.0	518.0	385.0	67.	180.	AG	26.	100.0	.0	36.0	.66	3.4
4. sba	482.0	1000.0	482.0	500.0	500.	180.	AG	1622.	1.2	.0	56.0		
5. sbd	482.0	500.0	482.0	.0	500.	180.	AG	1685.	1.2	.0	44.0		
6. sbq	482.0	548.0	482.0	834.7	287.	360.	AG	26.	100.0	.0	36.0	1.01	14.6
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	2312.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	2154.	1.2	.0	56.0		
9. ebq	464.0	476.0	394.5	476.0	70.	270.	AG	22.	100.0	.0	48.0	.66	3.5
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1796.	1.2	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1852.	1.2	.0	56.0		
12. wbq	536.0	524.0	590.0	524.0	54.	90.	AG	22.	100.0	.0	48.0	.51	2.7

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - TSM 2030

DATE : 9/17/ 8
TIME : 10:54: 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	35	3.0	1052	1600	5.47	3	3
6. sbq	60	35	3.0	1622	1600	5.47	3	3
9. ebq	60	22	3.0	2312	1600	5.47	3	3
12. wbq	60	22	3.0	1796	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	454.0	558.0	5.4
2. ne	546.0	558.0	5.4
3. sw	454.0	442.0	5.4
4. se	546.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - TSM 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.2	.1	.4	.2
10.	.4	.0	.4	.1
20.	.3	.0	.4	.1
30.	.2	.0	.2	.2
40.	.2	.0	.2	.2
50.	.2	.0	.3	.2
60.	.2	.0	.4	.2
70.	.2	.0	.4	.3
80.	.2	.0	.5	.3
90.	.3	.1	.2	.1
100.	.4	.3	.2	.0
110.	.3	.2	.2	.0
120.	.3	.2	.2	.0
130.	.3	.3	.1	.0
140.	.2	.3	.1	.0
150.	.2	.3	.1	.0
160.	.5	.3	.1	.0
170.	.5	.3	.2	.0
180.	.3	.4	.1	.1
190.	.2	.5	.0	.2
200.	.2	.2	.0	.3
210.	.2	.2	.0	.3
220.	.2	.2	.0	.3
230.	.2	.2	.0	.1
240.	.2	.2	.0	.1
250.	.2	.2	.0	.1
260.	.3	.2	.0	.1
270.	.1	.1	.1	.2
280.	.0	.1	.2	.4
290.	.0	.1	.3	.2
300.	.0	.2	.3	.3
310.	.0	.2	.3	.2
320.	.0	.3	.2	.1
330.	.0	.3	.3	.2
340.	.0	.3	.2	.3
350.	.0	.2	.2	.4
360.	.2	.1	.4	.2
MAX	.5	.5	.5	.4
DEGR.	160	190	80	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - LRT 2030

DATE : 9/17/ 8
TIME : 11:35:56

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	518.0	.0	518.0	500.0	500.	360.	AG	1053.	1.2	.0	56.0		
2. nbd	518.0	500.0	518.0	1000.0	500.	360.	AG	1097.	1.2	.0	44.0		
3. nbq	518.0	452.0	518.0	386.7	65.	180.	AG	25.	100.0	.0	36.0	.63	3.3
4. sba	482.0	1000.0	482.0	500.0	500.	180.	AG	1614.	1.2	.0	56.0		
5. sbd	482.0	500.0	482.0	.0	500.	180.	AG	1682.	1.2	.0	44.0		
6. sbq	482.0	548.0	482.0	727.3	179.	360.	AG	25.	100.0	.0	36.0	.96	9.1
7. eba	.0	476.0	500.0	476.0	500.	90.	AG	2297.	1.2	.0	68.0		
8. ebd	500.0	476.0	1000.0	476.0	500.	90.	AG	2138.	1.2	.0	56.0		
9. ebq	464.0	476.0	391.8	476.0	72.	270.	AG	22.	100.0	.0	48.0	.67	3.7
10. wba	1000.0	524.0	500.0	524.0	500.	270.	AG	1737.	1.2	.0	68.0		
11. wbd	500.0	524.0	.0	524.0	500.	270.	AG	1784.	1.2	.0	56.0		
12. wbq	536.0	524.0	590.6	524.0	55.	90.	AG	22.	100.0	.0	48.0	.51	2.8

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - LRT 2030

DATE : 9/17/ 8
TIME : 11:35:56

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	60	34	3.0	1053	1600	5.47	3	3
6. sbq	60	34	3.0	1614	1600	5.47	3	3
9. ebq	60	23	3.0	2297	1600	5.47	3	3
12. wbq	60	23	3.0	1737	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. nw	454.0	558.0	5.4
2. ne	546.0	558.0	5.4
3. sw	454.0	442.0	5.4
4. se	546.0	442.0	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - LRT 2030

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	REC2	REC3	REC4
0.	.1	.1	.3	.2
10.	.3	.0	.5	.1
20.	.2	.0	.4	.1
30.	.2	.0	.2	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.2
60.	.2	.0	.4	.2
70.	.2	.0	.4	.3
80.	.2	.0	.4	.2
90.	.3	.1	.2	.1
100.	.4	.3	.2	.0
110.	.3	.2	.2	.0
120.	.3	.2	.2	.0
130.	.3	.3	.1	.0
140.	.2	.3	.1	.0
150.	.2	.3	.1	.0
160.	.5	.3	.1	.0
170.	.5	.3	.2	.0
180.	.3	.4	.1	.1
190.	.2	.5	.0	.2
200.	.2	.2	.0	.3
210.	.2	.2	.0	.3
220.	.2	.2	.0	.3
230.	.2	.2	.0	.1
240.	.2	.2	.0	.1
250.	.2	.2	.0	.1
260.	.3	.2	.0	.1
270.	.1	.1	.1	.2
280.	.0	.1	.2	.4
290.	.0	.1	.3	.2
300.	.0	.2	.3	.3
310.	.0	.2	.3	.2
320.	.0	.3	.2	.1
330.	.0	.3	.2	.2
340.	.0	.2	.2	.3
350.	.0	.2	.2	.3
360.	.1	.1	.3	.2
MAX	.5	.5	.5	.4
DEGR.	160	190	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC3 .

Concentrations of CO for Project

Existing 2008

	1-Hour Bckgrnd Conc.	8-Hour Bckgrnd Conc.	Model RESULTS	Parts Per Million	
Intersection			1-hour	1-hour	8-hour
Aviation Blvd/Century Blvd	4.00	3.10	1.2	5.2	3.8
Crenshaw Blvd/Adams Blvd	4.00	3.10	1.4	5.4	3.9
Crenshaw Blvd/Jefferson Blvd	4.00	3.10	1.4	5.4	3.9
Crenshaw Blvd/Slauson Ave	4.00	3.10	1.1	5.1	3.8
Crenshaw Blvd/Stocker St	4.00	3.10	1.3	5.3	3.9
Crenshaw Blvd/Washington Blvd	4.00	3.10	1.2	5.2	3.8
La Brea Ave/Jefferson Blvd	4.00	3.10	0.9	4.9	3.6
La Brea Ave/Rodeo Rd	4.00	3.10	1.4	5.4	3.9
La Brea Ave/Slauson Ave	4.00	3.10	1.3	5.3	3.9
Wilton Pl/Wilshire Blvd	4.00	3.10	1.3	5.3	3.9

No Build 2030

	1-Hour Bckgrnd Conc.	8-Hour Bckgrnd Conc.	Model RESULTS	Parts Per Million	
Intersection			1-hour	1-hour	8-hour
Aviation Blvd/Century Blvd	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Adams Blvd	1.36	1.06	0.6	2.0	1.4
Crenshaw Blvd/Jefferson Blvd	1.36	1.06	0.4	1.8	1.3
Crenshaw Blvd/Slauson Ave	1.36	1.06	0.4	1.8	1.3
Crenshaw Blvd/Stocker St	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Washington Blvd	1.36	1.06	0.5	1.9	1.4
La Brea Ave/Jefferson Blvd	1.36	1.06	0.2	1.6	1.2
La Brea Ave/Rodeo Rd	1.36	1.06	0.6	2.0	1.4
La Brea Ave/Slauson Ave	1.36	1.06	0.6	2.0	1.4
Wilton Pl/Wilshire Blvd	1.36	1.06	0.5	1.9	1.4

BRT 2030

	1-Hour Bckgrnd Conc.	8-Hour Bckgrnd Conc.	Model RESULTS	Parts Per Million	
Intersection			1-hour	1-hour	8-hour
Aviation Blvd/Century Blvd	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Adams Blvd	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Jefferson Blvd	1.36	1.06	0.4	1.8	1.3
Crenshaw Blvd/Slauson Ave	1.36	1.06	0.4	1.8	1.3
Crenshaw Blvd/Stocker St	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Washington Blvd	1.36	1.06	0.5	1.9	1.4
La Brea Ave/Jefferson Blvd	1.36	1.06	0.2	1.6	1.2
La Brea Ave/Rodeo Rd	1.36	1.06	0.6	2.0	1.4
La Brea Ave/Slauson Ave	1.36	1.06	0.5	1.9	1.4
Wilton Pl/Wilshire Blvd	1.36	1.06	0.5	1.9	1.4

TSM 2030

Intersection	1-Hour Bckgrnd Conc.	8-Hour Bckgrnd Conc.	Model RESULTS	Parts Per Million	
			1-hour	1-hour	8-hour
Aviation Blvd/Century Blvd	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Adams Blvd	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Jefferson Blvd	1.36	1.06	0.4	1.8	1.3
Crenshaw Blvd/Slauson Ave	1.36	1.06	0.4	1.8	1.3
Crenshaw Blvd/Stocker St	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Washington Blvd	1.36	1.06	0.5	1.9	1.4
La Brea Ave/Jefferson Blvd	1.36	1.06	0.2	1.6	1.2
La Brea Ave/Rodeo Rd	1.36	1.06	0.6	2.0	1.4
La Brea Ave/Slauson Ave	1.36	1.06	0.6	2.0	1.4
Wilton Pl/Wilshire Blvd	1.36	1.06	0.5	1.9	1.4

LRT 2030

Intersection	1-Hour Bckgrnd Conc.	8-Hour Bckgrnd Conc.	Model RESULTS	Parts Per Million	
			1-hour	1-hour	8-hour
Aviation Blvd/Century Blvd	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Adams Blvd	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Jefferson Blvd	1.36	1.06	0.4	1.8	1.3
Crenshaw Blvd/Slauson Ave	1.36	1.06	0.4	1.8	1.3
Crenshaw Blvd/Stocker St	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Washington Blvd	1.36	1.06	0.5	1.9	1.4
La Brea Ave/Jefferson Blvd	1.36	1.06	0.2	1.6	1.2
La Brea Ave/Rodeo Rd	1.36	1.06	0.6	2.0	1.4
La Brea Ave/Slauson Ave	1.36	1.06	0.6	2.0	1.4
Wilton Pl/Wilshire Blvd	1.36	1.06	0.5	1.9	1.4

State Standard				20	9.0

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Construction Emission Calculations

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EMFAC2007 RATES (grams per mile)							
Vehicle Type	**ROG**	**CO**	**NOX**	**SOX**	**PM10**	**PM2.5**	**CO2**
Year 2016							
Haul Truck @ 30 MPH	0.546	3.156	5.75	0.015	0.258	0.237	1620.544
Water Truck @ 5 MPH	4.755	13.04	13.489	0.028	0.779	0.717	2946.429
Worker Vehicle @30 MPH	0.044	1.337	0.113	0.003	0.032	0.029	336.11
Light-Duty Trucks @ 30MPH	0.073	2.158	0.238	0.004	0.044	0.040	424.027
Assumptions:							
Construction Year	2018						
Season	Annual						
Temperature	63^{o}F						

EQUIPMENT EMISSION FACTORS (pounds per hour)							
YEAR 2016							
	ROG	**CO**	**NOX**	**SOX**	**PM10**	**PM2.5**	**CO2**
Excavator	0.0988	0.5213	0.6603	0.0013	0.0332	0.0306	120.0
Grader	0.1197	0.5883	0.8866	0.0015	0.0441	0.0406	133.0
Loader	0.0983	0.4557	0.7114	0.0012	0.0375	0.0345	109.0
Other Equipment	0.0720	0.3602	0.5680	0.0013	0.0234	0.0215	123.0
SOURCE: OFFROAD 2007							

Regional Construction Emissions (Sites 14, 15, and 17) - Unmitigated

EQUIPMENT		Equipment Emissions (ppd)						
	# Equipment	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
Excavator	2	1.98	10.43	13.21	0.03	0.66	0.61	2,400.00
Grader	4	4.79	23.53	35.46	0.06	1.76	1.62	5,320.00
Loader	2	1.97	9.11	14.23	0.02	0.75	0.69	2,180.00
TOTAL	***8***	***8.73***	***43.07***	***62.90***	***0.11***	***3.18***	***2.92***	***9,900.00***

WORKER VEHICLES			Worker Vehicle Emissions (ppd)							
	# of Workers	Total VMT/Day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	30	**798.00**	**0.10**	**3.07**	**0.31**	**0.006**	**0.067**	**0.061**	**668.0**
Cars	*15.0*	*399.00*	*0.04*	*1.18*	*0.10*	*0.00*	*0.03*	*0.03*	*295.39*
Trucks	*15.0*	*399.00*	*0.06*	*1.90*	*0.21*	*0.00*	*0.04*	*0.04*	*372.66*

HEAVY-DUTY TRUCK TRIPS				Heavy-duty Truck Emissions (ppd)							
	Trips per Day	Round Trip Length	VMT/day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	75	20	1,500	1.80	10.43	19.00	0.05	0.85	0.78	5,354.22

WATER TRUCK USAGE [1]				Heavy-duty Truck Emissions (ppd)							
	# of Water Trucks	Hours of Operation	VMT/day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	3	1.00	15.00	0.16	0.43	0.45	0.00	0.03	0.02	97.35

FUGITIVE DUST							
.	Max Daily Grading (acres)	PM10	PM2.5				
Grading [2]	10.00	149.0	31.0				
Stockpiling Parameters [3]	**Silt Content**	**Precipitation Days**	**Mean Wind Speed Percent**	**TSP Fraction**	**Area (acres)**	**PM10**	**PM2.5**
	6.9	10	100	0.5	0.42	6.450	1.342

ARCHITECTURAL COATING [4]						
	Months of Arch Coating	Total SQ FT	Interior SQ FT	Exterior SQ FT	ROG per SQ FT	ROG (ppd)
Non-Residential	1	130,353	195,530	65,177	0.011579	137.22

TOTAL EMISSIONS	Emissions (ppd)					
	ROG	CO	NOX	SOX	PM10	PM2.5
	148	**57**	**82**	**0**	**160**	**36**
On-Site	146	44	63	0	159	35
Off-Site	2	13	19	0	1	1
Regional Daily Maximum	**148**	**57**	**82**	**0**	**160**	**36**
THRESHOLD	**75**	**550**	**100**	**150**	**150**	**55**
IMPACT?	YES	NO	NO	NO	YES	NO

Greenhouse Gas Emissions Calculation		
CO2 (ppd)	Days	CO2 (Tons)
16,019.62	313	1,706

[1] Assumed water trucks would operate on site three hours each day during Grading phase at a rate of 5 mph (compliance with Rule 403).

[2] Used UREBEMIS2007's rate for grading dust of 38.2 pounds per acre, and applied 61% reduction based on Rule 403 compliance.

[3] Used SCAQMD's Sample 5-Acre Project Site calculation formulas for stockpiling and multplied by 2 to represent 10 acres.

Regional Construction Emissions (Sites 14, 15, and 17) - Mitigated

EQUIPMENT		Equipment Emissions (ppd)						
	# Equipment	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
Excavator	2	1.98	10.43	13.21	0.03	0.66	0.61	2,400.00
Grader	4	4.79	23.53	35.46	0.06	1.76	1.62	5,320.00
Loader	2	1.97	9.11	14.23	0.02	0.75	0.69	2,180.00
TOTAL	***8***	***8.73***	***43.07***	***62.90***	***0.11***	***3.18***	***2.92***	***9,900.00***

WORKER VEHICLES			Worker Vehicle Emissions (ppd)							
	# of Workers	Total VMT/Day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	30	**798.00**	**0.10**	**3.07**	**0.31**	**0.006**	**0.067**	**0.061**	**668.0**
Cars	*15.0*	*399.00*	*0.04*	*1.18*	*0.10*	*0.00*	*0.03*	*0.03*	*295.39*
Trucks	*15.0*	*399.00*	*0.06*	*1.90*	*0.21*	*0.00*	*0.04*	*0.04*	*372.66*

HEAVY-DUTY TRUCK TRIPS				Heavy-duty Truck Emissions (ppd)							
	Trips per Day	Round Trip Length	VMT/day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	75	20	1,500	1.80	10.43	19.00	0.05	0.85	0.78	5,354.22

WATER TRUCK USAGE [1]				Heavy-duty Truck Emissions (ppd)							
	# of Water Trucks	Hours of Operation	VMT/day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	3	1.00	15.00	0.16	0.43	0.45	0.00	0.03	0.02	97.35

FUGITIVE DUST							
.	Max Daily Grading (acres)	PM10	PM2.5				
Grading [2]	10.00	149.0	31.0				
Stockpiling Parameters [3]	**Silt Content**	**Precipitation Days**	**Mean Wind Speed Percent**	**TSP Fraction**	**Area (acres)**	**PM10**	**PM2.5**
	6.9	10	100	0.5	0.42	6.450	1.342

ARCHITECTURAL COATING [4]						
	Months of Arch Coating	Total SQ FT	Interior SQ FT	Exterior SQ FT	ROG per SQ FT	ROG (ppd)
Non-Residential	1	130,353	195,530	65,177	0.011579	5.49

TOTAL EMISSIONS	Emissions (ppd)					
	ROG	CO	NOX	SOX	PM10	PM2.5
	16	**57**	**82**	**0**	**160**	**36**
On-Site	14	44	63	0	159	35
Off-Site	2	13	19	0	1	1
Regional Daily Maximum	**16**	**57**	**82**	**0**	**160**	**36**
THRESHOLD	**75**	**550**	**100**	**150**	**150**	**55**
IMPACT?	NO	NO	NO	NO	YES	NO

Greenhouse Gas Emissions Calculation		
CO2 (ppd)	Days	CO2 (Tons)
16,019.62	313	1,706

[1] Assumed water trucks would operate on site three hours each day during Grading phase at a rate of 5 mph (compliance with Rule 403).

[2] Used UREBEMIS2007's rate for grading dust of 38.2 pounds per acre, and applied 61% reduction based on Rule 403 compliance.

[3] Used SCAQMD's Sample 5-Acre Project Site calculation formulas for stockpiling and multplied by 2 to represent 10 acres.

Fugitive Dust Emissions - Inputs for ISC-AERMOD (Sites 14, 15, and 17)			
		Weight Conv. [a]	Time Adjustment [b]
		453.59	36,000
Project Phase	lb/day [c]	g/s	
PM10			
	155.4	1.96E+00	
PM2.5			
	32.3	4.07E-01	

[a] Weight conversion is the amount of grams per pound.

[b] Time adjustment is the number of seconds in 8 hours (1 day of grading).

[c] Pounds per day emissions rate from construction emissions developed using Offroad 2007 and EMFAC 2007 emissions factors.

Off-Road Equipment Emissions				
Daily Emissions (ppd)	CO	NO2 [1]	PM2.5	PM10
	44	6	2.9	3.2
Conversion to Grams/Second		NO2	PM2.5	PM10
	0.5481	0.0798	0.0372	0.0404

[1] Used 10% of NOX as NO2 value for input into AERMOD

Regional Construction Emissions (Division 22 Expansion) - Unmitigated

EQUIPMENT		Equipment Emissions (ppd)						
	# Equipment	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
Excavator	2	1.98	10.43	13.21	0.03	0.66	0.61	2,400.00
Grader	4	4.79	23.53	35.46	0.06	1.76	1.62	5,320.00
Loader	2	1.97	9.11	14.23	0.02	0.75	0.69	2,180.00
TOTAL	***8***	***8.73***	***43.07***	***62.90***	***0.11***	***3.18***	***2.92***	***9,900.00***

WORKER VEHICLES			Worker Vehicle Emissions (ppd)						
	# of Workers	Total VMT/Day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	30	**798.00**	**0.10**	**3.07**	**0.31**	**0.006**	**0.067**	**0.061**	**668.0**
Cars	*15.0*	*399.00*	*0.04*	*1.18*	*0.10*	*0.00*	*0.03*	*0.03*	*295.39*
Trucks	*15.0*	*399.00*	*0.06*	*1.90*	*0.21*	*0.00*	*0.04*	*0.04*	*372.66*

HEAVY-DUTY TRUCK TRIPS				Heavy-duty Truck Emissions (ppd)						
	Trips per Day	Round Trip Length	VMT/day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	35	20	700	0.84	4.87	8.87	0.02	0.40	0.37	2,498.64

WATER TRUCK USAGE [1]				Heavy-duty Truck Emissions (ppd)						
	# of Water Trucks	Hours of Operation	VMT/day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	1	1.00	5.00	0.05	0.14	0.15	0.00	0.01	0.01	32.45

FUGITIVE DUST							
.	Max Daily Grading (acres)	PM10	PM2.5				
Grading [2]	3.50	52.1	10.8				
Stockpiling Parameters [3]	**Silt Content**	**Precipitation Days**	**Mean Wind Speed Percent**	**TSP Fraction**	**Area (acres)**	**PM10**	**PM2.5**
	6.9	10	100	0.5	0.16	2.460	0.512

ARCHITECTURAL COATING [4]						
	Months of Arch Coating	Total SQ FT	Interior SQ FT	Exterior SQ FT	ROG per SQ FT	ROG (ppd)
Non-Residential	1	43,451	65,177	21,726	0.011579	45.74

TOTAL EMISSIONS	Emissions (ppd)					
	ROG	CO	NOX	SOX	PM10	PM2.5
	56	**51**	**72**	**0**	**58**	**14**
On-Site	55	43	63	0	58	14
Off-Site	1	8	9	0	0	0
Regional Daily Maximum	**56**	**51**	**72**	**0**	**58**	**14**
THRESHOLD	**75**	**550**	**100**	**150**	**150**	**55**
IMPACT?	NO	NO	NO	NO	NO	NO

Greenhouse Gas Emissions Calculation		
CO2 (ppd)	Days	CO2 (Tons)
13,099.14	313	1,666

[1] Assumed water trucks would operate on site three hours each day during Grading phase at a rate of 5 mph (compliance with Rule 403).

[2] Used UREBEMIS2007's rate for grading dust of 38.2 pounds per acre, and applied 61% reduction based on Rule 403 compliance.

[3] Used SCAQMD's Sample 5-Acre Project Site calculation formulas for stockpiling and multplied by 2 to represent 10 acres.

Regional Construction Emissions (Division 22 Expansion) - Mitigated

EQUIPMENT		Equipment Emissions (ppd)						
	# Equipment	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
Excavator	2	1.98	10.43	13.21	0.03	0.66	0.61	2,400.00
Grader	4	4.79	23.53	35.46	0.06	1.76	1.62	5,320.00
Loader	2	1.97	9.11	14.23	0.02	0.75	0.69	2,180.00
TOTAL	***8***	***8.73***	***43.07***	***62.90***	***0.11***	***3.18***	***2.92***	***9,900.00***

WORKER VEHICLES			Worker Vehicle Emissions (ppd)							
	# of Workers	Total VMT/Day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	30	**798.00**	**0.10**	**3.07**	**0.31**	**0.006**	**0.067**	**0.061**	**668.0**
Cars	*15.0*	*399.00*	*0.04*	*1.18*	*0.10*	*0.00*	*0.03*	*0.03*	*295.39*
Trucks	*15.0*	*399.00*	*0.06*	*1.90*	*0.21*	*0.00*	*0.04*	*0.04*	*372.66*

HEAVY-DUTY TRUCK TRIPS				Heavy-duty Truck Emissions (ppd)							
	Trips per Day	Round Trip Length	VMT/day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	35	20	700	0.84	4.87	8.87	0.02	0.40	0.37	2,498.64

WATER TRUCK USAGE [1]				Heavy-duty Truck Emissions (ppd)							
	# of Water Trucks	Hours of Operation	VMT/day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	1	1.00	5.00	0.05	0.14	0.15	0.00	0.01	0.01	32.45

FUGITIVE DUST							
.	Max Daily Grading (acres)	PM10	PM2.5				
Grading [2]	3.50	52.1	10.8				
Stockpiling Parameters [3]	**Silt Content**	**Precipitation Days**	**Mean Wind Speed Percent**	**TSP Fraction**	**Area (acres)**	**PM10**	**PM2.5**
	6.9	10	100	0.5	0.16	2.460	0.512

ARCHITECTURAL COATING [4]						
	Months of Arch Coating	Total SQ FT	Interior SQ FT	Exterior SQ FT	ROG per SQ FT	ROG (ppd)
Non-Residential	1	43,451	65,177	21,726	0.011579	45.74

TOTAL EMISSIONS	Emissions (ppd)					
	ROG	CO	NOX	SOX	PM10	PM2.5
	56	**51**	**72**	**0**	**58**	**14**
On-Site	55	43	63	0	58	14
Off-Site	1	8	9	0	0	0
Regional Daily Maximum	**56**	**51**	**72**	**0**	**58**	**14**
THRESHOLD	**75**	**550**	**100**	**150**	**150**	**55**
IMPACT?	NO	NO	NO	NO	NO	NO

Greenhouse Gas Emissions Calculation		
CO2 (ppd)	Days	CO2 (Tons)
13,099.14	313	1,666

[1] Assumed water trucks would operate on site three hours each day during Grading phase at a rate of 5 mph (compliance with Rule 403).

[2] Used UREBEMIS2007's rate for grading dust of 38.2 pounds per acre, and applied 61% reduction based on Rule 403 compliance.

[3] Used SCAQMD's Sample 5-Acre Project Site calculation formulas for stockpiling and multplied by 2 to represent 10 acres.

Fugitive Dust Emissions - Inputs for ISC-AERMOD (Division 22 Expansion)			
		Weight Conv. [a]	Time Adjustment [b]
		453.59	36,000
Project Phase	lb/day [c]	g/s	
PM10			
	54.6	6.88E-01	
PM2.5			
	11.4	1.43E-01	

[a] Weight conversion is the amount of grams per pound.

[b] Time adjustment is the number of seconds in 8 hours (1 day of grading).

[c] Pounds per day emissions rate from construction emissions developed using Offroad 2007 and EMFAC 2007 emissions factors.

Off-Road Equipment Emissions				
Daily Emissions (ppd)	CO	NO2 [1]	PM2.5	PM10
	9	6	2.9	3.2
Conversion to Grams/Second		NO2	PM2.5	PM10
	0.1118	0.0794	0.0370	0.0402

[1] Used 10% of NOX as NO2 value for input into AERMOD

8/28/2008 12:47:14 PM

Urbemis 2007 Version 9.2.4

Combined Winter Emissions Reports (Pounds/Day)

File Name:

Project Name: Crenshaw Construction Paving Emissions

Project Location: Los Angeles County

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

Summary Report:

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
2013 TOTALS (lbs/day unmitigated)	5.06	24.01	13.13	0.01	0.04	1.59	1.63	0.01	1.46	1.47	3,061.97

8/28/2008 12:47:15 PM

Construction Unmitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Winter Pounds Per Day, Unmitigated

	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
Time Slice 8/1/2013-8/1/2013 Active Days: 1	**5.06**	**24.01**	**13.13**	**0.01**	**0.04**	**1.59**	**1.63**	**0.01**	**1.46**	**1.47**	**3,061.97**
Asphalt 08/01/2013-08/01/2013	5.06	24.01	13.13	0.01	0.04	1.59	1.63	0.01	1.46	1.47	3,061.97
Paving Off-Gas	1.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	2.74	18.34	9.97	0.00	0.00	1.36	1.36	0.00	1.25	1.25	1,887.90
Paving On Road Diesel	0.49	5.62	2.28	0.01	0.03	0.22	0.26	0.01	0.21	0.22	1,049.80
Paving Worker Trips	0.03	0.05	0.88	0.00	0.01	0.00	0.01	0.00	0.00	0.00	124.28

Phase Assumptions

Phase: Paving 8/1/2013 - 8/1/2013 - Default Paving Description

Acres to be Paved: 0.69

Off-Road Equipment:

1 Other Equipment (190 hp) operating at a 0.62 load factor for 8 hours per day

3 Pavers (100 hp) operating at a 0.62 load factor for 8 hours per day

Site #14 – Localized CO Concentrations

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 14\CO.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Site 14 - CO
   MODELOPT  CONC NODRYDPLT NOWETDPLT FLAT
   AVERTIME 1 8
   URBANOPT 9862049 Los_Angeles_County
   POLLUTID CO
   RUNORNOT RUN
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1 VOLUME 372476.979 3757462.373 0.0
** DESCRSRC Equipment
** Source Parameters **
   SRCPARAM VOL1 0.5481 4.100 46.783 1.163
   URBANSRC VOL1
   CONCUNIT 873.2 GRAMS/SEC PPM
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                  XYINC 371696.85 50 30.00 3756641.16 50 30.00
   GRIDCART UCART1 END
** DESCRREC "" ""
   DISCCART    372149.67   3757202.57
   DISCCART    372200.97   3757196.42
   DISCCART    372734.43   3757083.57
   DISCCART    372746.74   3757147.17
   DISCCART    372767.26   3757192.31
   DISCCART    372894.46   3757118.45
   DISCCART    372371.27   3757725.77
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
   PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   PROFBASE 10 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST CO.AD\01H1GALL.PLT
   PLOTFILE 8 ALL 1ST CO.AD\08H1GALL.PLT
OU FINISHED

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

 *** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                    ***        10/26/10
                                   ***                                                                 ***        14:37:09
                                                                                                               PAGE   1
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for     1 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9862049.0 ;  Urban Roughness Length =  1.000 m
```

Site #14 – Localized CO Concentrations

```
**Model Allows User-Specified Options:
       1. Stack-tip Downwash.
       2. Model Assumes Receptors on FLAT Terrain.
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.
       6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

**This Run Includes:      1 Source(s);       1 Source Group(s); and    2507 Receptor(s)

**The Model Assumes A Pollutant Type of:  CO

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

**Output Options Selected:
        Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
        Model Outputs External File(s) of High Values for Plotting (PLOTFILE 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) =    10.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                           ;  Emission Rate Unit Factor =    873.20
                 Output Units   = PPM

**Approximate Storage Requirements of Model =      3.9 MB of RAM.

*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                          ***        10/26/10
                                  ***                                                                       ***        14:37:09
                                                                                                                       PAGE   2
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                                *** VOLUME SOURCE DATA ***

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

  VOL1          0   0.54810E+00  372477.0 3757462.4    10.0     4.10    46.78     1.16     YES
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                          ***        10/26/10
                                  ***                                                                       ***        14:37:09
                                                                                                                       PAGE   3
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                             *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                              SOURCE IDs



 ALL       VOL1    ,
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                          ***        10/26/10
                                  ***                                                                       ***        14:37:09
                                                                                                                       PAGE   4
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                         *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                           *** X-COORDINATES OF GRID ***
                                                    (METERS)

      371696.8,  371726.8,  371756.8,  371786.8,  371816.8,  371846.8,  371876.8,  371906.8,  371936.8,  371966.8,
      371996.8,  372026.8,  372056.8,  372086.8,  372116.8,  372146.8,  372176.8,  372206.8,  372236.8,  372266.8,
      372296.8,  372326.8,  372356.8,  372386.8,  372416.8,  372446.8,  372476.8,  372506.8,  372536.8,  372566.8,
      372596.8,  372626.8,  372656.8,  372686.8,  372716.8,  372746.8,  372776.8,  372806.8,  372836.8,  372866.8,
      372896.8,  372926.8,  372956.8,  372986.8,  373016.8,  373046.8,  373076.8,  373106.8,  373136.8,  373166.8,


                                           *** Y-COORDINATES OF GRID ***
                                                    (METERS)

     3756641.2, 3756671.2, 3756701.2, 3756731.2, 3756761.2, 3756791.2, 3756821.2, 3756851.2, 3756881.2, 3756911.2,
     3756941.2, 3756971.2, 3757001.2, 3757031.2, 3757061.2, 3757091.2, 3757121.2, 3757151.2, 3757181.2, 3757211.2,
     3757241.2, 3757271.2, 3757301.2, 3757331.2, 3757361.2, 3757391.2, 3757421.2, 3757451.2, 3757481.2, 3757511.2,
     3757541.2, 3757571.2, 3757601.2, 3757631.2, 3757661.2, 3757691.2, 3757721.2, 3757751.2, 3757781.2, 3757811.2,
     3757841.2, 3757871.2, 3757901.2, 3757931.2, 3757961.2, 3757991.2, 3758021.2, 3758051.2, 3758081.2, 3758111.2,

*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                          ***        10/26/10
                                  ***                                                                       ***        14:37:09
                                                                                                                       PAGE   5
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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

    ( 372149.7, 3757202.6,      10.0,      10.0,       0.0);        ( 372201.0, 3757196.4,      10.0,      10.0,       0.0);
    ( 372734.4, 3757083.6,      10.0,      10.0,       0.0);        ( 372746.7, 3757147.2,      10.0,      10.0,       0.0);
    ( 372767.3, 3757192.3,      10.0,      10.0,       0.0);        ( 372894.5, 3757118.4,      10.0,      10.0,       0.0);
    ( 372371.3, 3757725.8,      10.0,      10.0,       0.0);
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                          ***        10/26/10
                                  ***                                                                       ***        14:37:09
                                                                                                                       PAGE   6
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
VOL1	372476.8	3757361.2	0.63
VOL1	372416.8	3757391.2	-7.38
VOL1	372446.8	3757391.2	-23.26
VOL1	372476.8	3757391.2	-29.37
VOL1	372506.8	3757391.2	-23.36
VOL1	372536.8	3757391.2	-7.55
VOL1	372386.8	3757421.2	-1.48
VOL1	372416.8	3757421.2	-27.69
VOL1	372446.8	3757421.2	-49.53
VOL1	372476.8	3757421.2	-59.37
VOL1	372506.8	3757421.2	-49.68
VOL1	372536.8	3757421.2	-27.90
VOL1	372566.8	3757421.2	-1.71
VOL1	372386.8	3757451.2	-9.76
VOL1	372416.8	3757451.2	-39.42
VOL1	372446.8	3757451.2	-68.44
VOL1	372476.8	3757451.2	-89.37
VOL1	372506.8	3757451.2	-68.68
VOL1	372536.8	3757451.2	-39.67
VOL1	372566.8	3757451.2	-10.02
VOL1	372386.8	3757481.2	-8.52
VOL1	372416.8	3757481.2	-37.59
VOL1	372446.8	3757481.2	-65.08
VOL1	372476.8	3757481.2	-81.80
VOL1	372506.8	3757481.2	-65.30
VOL1	372536.8	3757481.2	-37.83
VOL1	372566.8	3757481.2	-8.77
VOL1	372416.8	3757511.2	-23.15
VOL1	372446.8	3757511.2	-43.24
VOL1	372476.8	3757511.2	-51.80
VOL1	372506.8	3757511.2	-43.38
VOL1	372536.8	3757511.2	-23.35
VOL1	372416.8	3757541.2	-1.47
VOL1	372446.8	3757541.2	-16.23
VOL1	372476.8	3757541.2	-21.80
VOL1	372506.8	3757541.2	-16.32
VOL1	372536.8	3757541.2	-1.63

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
05 01 01 01    5.5 0 -999.  -99.00   282.6   99.0  -99.00  -99.00
05 01 01 01    9.1 1   52.    1.10  -999.0   99.0  -99.00  -99.00

F indicates top of profile (=1) or below (=0)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                    ***        10/26/10
                                  ***                                                                 ***        14:37:09
                                                                                                               PAGE   9
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                  **

 Y-COORD  |                                                X-COORD (METERS)
 (METERS) |       371696.85              371726.85              371756.85              371786.85              371816.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758111.2 |      0.04254 (05010409)      0.04261 (05010409)      0.04092 (05010409)      0.03754 (05010409)      0.03280 (05010409)
3758081.2 |      0.04130 (05010409)      0.04343 (05010409)      0.04386 (05010409)      0.04238 (05010409)      0.03906 (05010409)
3758051.2 |      0.04504 (07090907)      0.04169 (05010409)      0.04430 (05010409)      0.04512 (05010409)      0.04391 (05010409)
3758021.2 |      0.05241 (07090907)      0.04847 (07090907)      0.04332 (07090907)      0.04511 (05010409)      0.04639 (05010409)
3757991.2 |      0.05738 (07090907)      0.05552 (07090907)      0.05201 (07090907)      0.04704 (07090907)      0.04587 (05010409)
3757961.2 |      0.05887 (07090907)      0.05960 (07090907)      0.05854 (07090907)      0.05562 (07090907)      0.05097 (07090907)
3757931.2 |      0.05640 (07090907)      0.05972 (07090907)      0.06148 (07090907)      0.06137 (07090907)      0.05922 (07090907)
3757901.2 |      0.05025 (07090907)      0.05563 (07090907)      0.06000 (07090907)      0.06291 (07090907)      0.06391 (07090907)
3757871.2 |      0.04149 (07090907)      0.04797 (07090907)      0.05418 (07090907)      0.05962 (07090907)      0.06375 (07090907)
3757841.2 |      0.03162 (07090907)      0.03814 (07090907)      0.04505 (07090907)      0.05200 (07090907)      0.05848 (07090907)
3757811.2 |      0.02654 (06090102)      0.02785 (07090907)      0.03436 (07090907)      0.04154 (07090907)      0.04908 (07090907)
3757781.2 |      0.02721 (06090102)      0.02856 (06090102)      0.02947 (06090102)      0.03026 (07090907)      0.03750 (07090907)
3757751.2 |      0.02532 (06090102)      0.02767 (06090102)      0.02981 (06090102)      0.03160 (06090102)      0.03292 (06090102)
3757721.2 |      0.02588 (06120524)      0.02585 (06120524)      0.02713 (06090102)      0.03003 (06090102)      0.03276 (06090102)
3757691.2 |      0.02814 (06120524)      0.02909 (06120524)      0.02981 (06120524)      0.03024 (06120524)      0.03036 (06120524)
3757661.2 |      0.02974 (06100301)      0.03083 (06100301)      0.03175 (06100301)      0.03267 (06120524)      0.03406 (06120524)
3757631.2 |      0.02944 (07091603)      0.03078 (06100301)      0.03268 (06100301)      0.03450 (06100301)      0.03621 (06100301)
3757601.2 |      0.02994 (07091603)      0.03155 (07091603)      0.03316 (07091603)      0.03475 (07091603)      0.03628 (07091603)
3757571.2 |      0.02912 (05042101)      0.03027 (05042101)      0.03144 (05042101)      0.03352 (07091603)      0.03589 (07091603)
3757541.2 |      0.03005 (07081605)      0.03147 (07081605)      0.03295 (07081605)      0.03450 (07081605)      0.03611 (07081605)
3757511.2 |      0.03088 (07110908)      0.03138 (07110908)      0.03190 (07110908)      0.03317 (07081605)      0.03526 (07081605)
3757481.2 |      0.03606 (07110908)      0.03683 (07110908)      0.03763 (07110908)      0.03848 (07110908)      0.03936 (07110908)
3757451.2 |      0.03817 (07110908)      0.03900 (07110908)      0.03988 (07110908)      0.04080 (07110908)      0.04177 (07110908)
3757421.2 |      0.03661 (07110908)      0.03728 (07110908)      0.03797 (07110908)      0.03869 (07110908)      0.03943 (07110908)
3757391.2 |      0.03183 (07110908)      0.03217 (07110908)      0.03360 (06070206)      0.03528 (06070206)      0.03699 (06070206)
3757361.2 |      0.03581 (06070206)      0.03701 (06070206)      0.03821 (06070206)      0.03936 (06070206)      0.04043 (06070206)
3757331.2 |      0.03689 (06070206)      0.03733 (06070206)      0.03770 (06070206)      0.03847 (07082903)      0.04090 (07082903)
3757301.2 |      0.03394 (07082903)      0.03549 (07082903)      0.03692 (07082903)      0.03819 (07082903)      0.03925 (07082903)
3757271.2 |      0.03208 (07082903)      0.03250 (07082903)      0.03269 (07082903)      0.03389 (05101822)      0.03566 (05101822)
3757241.2 |      0.02933 (05101822)      0.03056 (05101822)      0.03158 (05101822)      0.03233 (05101822)      0.03493 (07030608)
3757211.2 |      0.02968 (07030608)      0.03210 (07030608)      0.03440 (07030608)      0.03648 (07030608)      0.03823 (07030608)
3757181.2 |      0.03368 (07030608)      0.03536 (07030608)      0.03670 (07030608)      0.03761 (07030608)      0.03798 (07030608)
3757151.2 |      0.03518 (07030608)      0.03577 (07030608)      0.03587 (07030608)      0.03543 (07030608)      0.03440 (07030608)
3757121.2 |      0.03392 (07030608)      0.03334 (07030608)      0.03225 (07030608)      0.03064 (07030608)      0.03248 (06111722)
3757091.2 |      0.03032 (07030608)      0.02875 (07030608)      0.02926 (06111722)      0.03063 (06111722)      0.03123 (06111722)
3757061.2 |      0.02654 (06111722)      0.02778 (06111722)      0.02838 (06111722)      0.03271 (06053107)      0.03716 (06053107)
3757031.2 |      0.02593 (06111722)      0.02967 (06053107)      0.03391 (06053107)      0.03780 (06053107)      0.04411 (07070106)
3757001.2 |      0.03096 (06053107)      0.03477 (06053107)      0.03810 (06053107)      0.04538 (07070106)      0.05408 (07070106)
3756971.2 |      0.03532 (06053107)      0.03861 (07070106)      0.04644 (07070106)      0.05464 (07070106)      0.06267 (07070106)
3756941.2 |      0.03981 (07070106)      0.04731 (07070106)      0.05500 (07070106)      0.06239 (07070106)      0.06887 (07070106)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                    ***        10/26/10
                                  ***                                                                 ***        14:37:09
                                                                                                               PAGE  10
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                  **

 Y-COORD  |                                                X-COORD (METERS)
 (METERS) |       371696.85              371726.85              371756.85              371786.85              371816.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756911.2 |      0.04801 (07070106)      0.05520 (07070106)      0.06198 (07070106)      0.06778 (07070106)      0.07199 (07070106)
3756881.2 |      0.05526 (07070106)      0.06146 (07070106)      0.06664 (07070106)      0.07026 (07070106)      0.07184 (07070106)
3756851.2 |      0.06085 (07070106)      0.06547 (07070106)      0.06856 (07070106)      0.06972 (07070106)      0.06867 (07070106)
3756821.2 |      0.06427 (07070106)      0.06689 (07070106)      0.06768 (07070106)      0.06642 (07070106)      0.06307 (07070106)
3756791.2 |      0.06527 (07070106)      0.06574 (07070106)      0.06431 (07070106)      0.06095 (07070106)      0.05584 (07070106)
3756761.2 |      0.06388 (07070106)      0.06230 (07070106)      0.05896 (07070106)      0.05402 (07070106)      0.04781 (07070106)
3756731.2 |      0.06041 (07070106)      0.05709 (07070106)      0.05231 (07070106)      0.04637 (07070106)      0.04269 (06090207)
3756701.2 |      0.05532 (07070106)      0.05070 (07070106)      0.04502 (07070106)      0.04182 (06090207)      0.03981 (06090207)
3756671.2 |      0.04918 (07070106)      0.04374 (07070106)      0.04098 (06090207)      0.03924 (06090207)      0.03563 (06090207)
3756641.2 |      0.04253 (07070106)      0.04017 (06090207)      0.03866 (06090207)      0.03538 (06090207)      0.03068 (06090207)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                    ***        10/26/10
                                  ***                                                                 ***        14:37:09
                                                                                                               PAGE  11
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                  **

 Y-COORD  |                                                X-COORD (METERS)
 (METERS) |       371846.85              371876.85              371906.85              371936.85              371966.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758111.2 |      0.04156 (06090407)      0.05009 (06090407)      0.05719 (06090407)      0.06160 (06090407)      0.06231 (06090407)
3758081.2 |      0.03437 (06090407)      0.04360 (06090407)      0.05245 (06090407)      0.05958 (06090407)      0.06361 (06090407)
3758051.2 |      0.04067 (05010409)      0.03609 (06090407)      0.04581 (06090407)      0.05497 (06090407)      0.06207 (06090407)
3758021.2 |      0.04549 (05010409)      0.04237 (05010409)      0.03793 (06090407)      0.04818 (06090407)      0.05765 (06090407)
3757991.2 |      0.04766 (05010409)      0.04713 (05010409)      0.04418 (05010409)      0.03994 (06090407)      0.05073 (06090407)
3757961.2 |      0.04654 (05010409)      0.04891 (05010409)      0.04882 (05010409)      0.04608 (05010409)      0.04211 (06090407)
3757931.2 |      0.05507 (07090907)      0.04917 (07090907)      0.05013 (05010409)      0.05056 (05010409)      0.04809 (05010409)
3757901.2 |      0.06273 (07090907)      0.05927 (07090907)      0.05371 (07090907)      0.05130 (05010409)      0.05233 (05010409)
3757871.2 |      0.06603 (07090907)      0.06602 (07090907)      0.06349 (07090907)      0.05849 (07090907)      0.05238 (05010409)
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3757841.2 |      0.06388 (07090907)      0.06757 (07090907)      0.06895 (07090907)      0.06761 (07090907)      0.06344 (07090907)
3757811.2 |      0.05650 (07090907)      0.06317 (07090907)      0.06837 (07090907)      0.07134 (07090907)      0.07149 (07090907)
3757781.2 |      0.04542 (07090907)      0.05362 (07090907)      0.06149 (07090907)      0.06824 (07090907)      0.07299 (07090907)
3757751.2 |      0.03363 (06090102)      0.04110 (07090907)      0.04986 (07090907)      0.05877 (07090907)      0.06703 (07090907)
3757721.2 |      0.03515 (06090102)      0.03702 (06090102)      0.03820 (06090102)      0.04525 (07090907)      0.05496 (07090907)
3757691.2 |      0.03267 (06090102)      0.03615 (06090102)      0.03932 (06090102)      0.04195 (06090102)      0.04380 (06090102)
3757661.2 |      0.03518 (06120524)      0.03596 (06120524)      0.03632 (06120524)      0.04005 (06090102)      0.04428 (06090102)
3757631.2 |      0.03774 (06100301)      0.03904 (06100301)      0.04057 (06120524)      0.04234 (06120524)      0.04369 (06120524)
3757601.2 |      0.03772 (07091603)      0.04035 (06100301)      0.04299 (06100301)      0.04550 (06100301)      0.04780 (06100301)
3757571.2 |      0.03834 (07091603)      0.04086 (07091603)      0.04343 (07091603)      0.04600 (07091603)      0.04855 (07091603)
3757541.2 |      0.03797 (05042101)      0.04006 (05042101)      0.04225 (05042101)      0.04456 (05042101)      0.04769 (07091603)
3757511.2 |      0.03750 (07081605)      0.03993 (07081605)      0.04255 (07081605)      0.04539 (07081605)      0.04847 (07081605)
3757481.2 |      0.04029 (07110908)      0.04149 (07091605)      0.04392 (07091605)      0.04661 (07091605)      0.04958 (07091605)
3757451.2 |      0.04279 (07110908)      0.04386 (07110908)      0.04498 (07110908)      0.04720 (06111920)      0.05027 (06111920)
3757421.2 |      0.04019 (07110908)      0.04098 (07110908)      0.04179 (07110908)      0.04294 (06111920)      0.04586 (07091002)
3757391.2 |      0.03873 (06070206)      0.04091 (07091002)      0.04365 (07091002)      0.04655 (07091002)      0.04964 (07091002)
3757361.2 |      0.04142 (06070206)      0.04319 (07082903)      0.04681 (07082903)      0.05054 (07082903)      0.05432 (07082903)
3757331.2 |      0.04327 (07082903)      0.04554 (07082903)      0.04764 (07082903)      0.04951 (07082903)      0.05110 (07082903)
3757301.2 |      0.04007 (07082903)      0.04060 (07082903)      0.04229 (05101822)      0.04461 (05101822)      0.04655 (05101822)
3757271.2 |      0.03718 (05101822)      0.03838 (05101822)      0.03922 (07031304)      0.04295 (07031304)      0.04629 (07031304)
3757241.2 |      0.03748 (07030608)      0.03973 (07030608)      0.04151 (07030608)      0.04314 (06060203)      0.04570 (06060203)
3757211.2 |      0.03953 (07030608)      0.04025 (07030608)      0.04027 (07030608)      0.04169 (07012320)      0.04338 (07012320)
3757181.2 |      0.03773 (07030608)      0.03689 (07012320)      0.03811 (07012320)      0.04105 (06111722)      0.04298 (06111722)
3757151.2 |      0.03383 (07012320)      0.03635 (06111722)      0.03806 (06111722)      0.03939 (05043001)      0.04752 (07070106)
3757121.2 |      0.03401 (06111722)      0.03466 (06053107)      0.03992 (06053107)      0.04942 (07070106)      0.06103 (07070106)
3757091.2 |      0.03612 (06053107)      0.04089 (07070106)      0.05100 (07070106)      0.06188 (07070106)      0.07270 (07070106)
3757061.2 |      0.04262 (07070106)      0.05229 (07070106)      0.06244 (07070106)      0.07226 (07070106)      0.08070 (07070106)
3757031.2 |      0.05330 (07070106)      0.06273 (07070106)      0.07161 (07070106)      0.07901 (07070106)      0.08390 (07070106)
3757001.2 |      0.06279 (07070106)      0.07081 (07070106)      0.07727 (07070106)      0.08130 (07070106)      0.08214 (07070106)
3756971.2 |      0.06988 (07070106)      0.07551 (07070106)      0.07879 (07070106)      0.07910 (07070106)      0.07611 (07070106)
3756941.2 |      0.07374 (07070106)      0.07638 (07070106)      0.07625 (07070106)      0.07312 (07070106)      0.06710 (07070106)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                          ***       10/26/10
                                  ***                                                                       ***       14:37:09
                                                                                                                      PAGE  12

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       371846.85             371876.85             371906.85             371936.85             371966.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756911.2 |      0.07406 (07070106)      0.07357 (07070106)      0.07034 (07070106)      0.06451 (07070106)      0.05656 (07070106)
3756881.2 |      0.07105 (07070106)      0.06775 (07070106)      0.06211 (07070106)      0.05456 (07070106)      0.04733 (06090207)
3756851.2 |      0.06533 (07070106)      0.05987 (07070106)      0.05270 (07070106)      0.04637 (06090207)      0.04250 (06090207)
3756821.2 |      0.05779 (07070106)      0.05096 (07070106)      0.04541 (06090207)      0.04201 (06090207)      0.03627 (06090207)
3756791.2 |      0.04934 (07070106)      0.04448 (06090207)      0.04148 (06090207)      0.03625 (06090207)      0.02954 (06090207)
3756761.2 |      0.04357 (06090207)      0.04094 (06090207)      0.03616 (06090207)      0.02991 (06090207)      0.02474 (05050324)
3756731.2 |      0.04038 (06090207)      0.03603 (06090207)      0.03020 (06090207)      0.02369 (06090207)      0.02570 (07070203)
3756701.2 |      0.03585 (06090207)      0.03042 (06090207)      0.02424 (06090207)      0.02343 (05050324)      0.02710 (07070203)
3756671.2 |      0.03058 (06090207)      0.02472 (06090207)      0.02167 (05050324)      0.02467 (07070203)      0.02966 (06090107)
3756641.2 |      0.02514 (06090207)      0.01995 (05050324)      0.02231 (07070203)      0.02723 (06090107)      0.03153 (06090107)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                          ***       10/26/10
                                  ***                                                                       ***       14:37:09
                                                                                                                      PAGE  13

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       371996.85             372026.85             372056.85             372086.85             372116.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758111.2 |      0.05892 (06090407)      0.05184 (06090407)      0.04224 (06090407)      0.04722 (06042607)      0.05020 (06042607)
3758081.2 |      0.06353 (06090407)      0.05905 (06090407)      0.05083 (06090407)      0.04455 (06042607)      0.05022 (06042607)
3758051.2 |      0.06561 (06090407)      0.06460 (06090407)      0.05891 (06090407)      0.04949 (06090407)      0.04855 (06042607)
3758021.2 |      0.06465 (06090407)      0.06758 (06090407)      0.06547 (06090407)      0.05845 (06090407)      0.04779 (06090407)
3757991.2 |      0.06049 (06090407)      0.06730 (06090407)      0.06947 (06090407)      0.06610 (06090407)      0.05762 (06090407)
3757961.2 |      0.05349 (06090407)      0.06350 (06090407)      0.07002 (06090407)      0.07124 (06090407)      0.06643 (06090407)
3757931.2 |      0.04448 (06090407)      0.05647 (06090407)      0.06670 (06090407)      0.07278 (06090407)      0.07285 (06090407)
3757901.2 |      0.05021 (05010409)      0.04707 (06090407)      0.05970 (06090407)      0.07007 (06090407)      0.07555 (06090407)
3757871.2 |      0.05412 (05010409)      0.05243 (05010409)      0.04989 (06090407)      0.06318 (06090407)      0.07362 (06090407)
3757841.2 |      0.05668 (07090907)      0.05599 (05010409)      0.05497 (05010409)      0.05299 (06090407)      0.06694 (06090407)
3757811.2 |      0.06845 (07090907)      0.06232 (07090907)      0.05798 (05010409)      0.05767 (05010409)      0.05639 (06090407)
3757781.2 |      0.07490 (07090907)      0.07337 (07090907)      0.06822 (07090907)      0.06000 (05010409)      0.06055 (05010409)
3757751.2 |      0.07366 (07090907)      0.07761 (07090907)      0.07797 (07090907)      0.07425 (07090907)      0.06664 (07090907)
3757721.2 |      0.06459 (07090907)      0.07312 (07090907)      0.07932 (07090907)      0.08197 (07090907)      0.08032 (07090907)
3757691.2 |      0.05009 (07090907)      0.06082 (07090907)      0.07115 (07090907)      0.07980 (07090907)      0.08525 (07090907)
3757661.2 |      0.04797 (06090102)      0.05080 (06090102)      0.05579 (07090907)      0.06786 (07090907)      0.07894 (07090907)
3757631.2 |      0.04460 (06090102)      0.05026 (06090102)      0.05546 (06090102)      0.05977 (06090102)      0.06321 (07090907)
3757601.2 |      0.04978 (06100301)      0.05227 (06120524)      0.05465 (06120524)      0.05762 (06090102)      0.06503 (06090102)
3757571.2 |      0.05174 (06100301)      0.05585 (06100301)      0.05986 (06100301)      0.06363 (06100301)      0.06704 (06100301)
3757541.2 |      0.05180 (07091603)      0.05615 (07091603)      0.06072 (07091603)      0.06547 (07091603)      0.07038 (07091603)
3757511.2 |      0.05182 (07081605)      0.05548 (07081605)      0.05978 (05042101)      0.06468 (05042101)      0.07011 (05042101)
3757481.2 |      0.05291 (07091605)      0.05664 (07091605)      0.06086 (07091605)      0.06566 (07091605)      0.07119 (07091605)
3757451.2 |      0.05371 (06111920)      0.05757 (06111920)      0.06194 (06111920)      0.06693 (06111920)      0.07267 (06111920)
3757421.2 |      0.04995 (07091002)      0.05450 (07091002)      0.05956 (07091002)      0.06520 (07091002)      0.07151 (07091002)
3757391.2 |      0.05334 (07102602)      0.05873 (07082903)      0.06479 (07082903)      0.07120 (07082903)      0.07795 (07082903)
3757361.2 |      0.05808 (07082903)      0.06175 (07082903)      0.06523 (07082903)      0.06845 (07082903)      0.07130 (07082903)
3757331.2 |      0.05232 (07082903)      0.05482 (05101822)      0.05806 (05101822)      0.06087 (07031304)      0.06744 (07031304)
3757301.2 |      0.04809 (07031304)      0.05292 (07031304)      0.05717 (07031304)      0.06172 (06060203)      0.06596 (06060203)
3757271.2 |      0.04903 (06060203)      0.05276 (06060203)      0.05538 (06060203)      0.05860 (07012320)      0.06389 (06111722)
3757241.2 |      0.04765 (07012320)      0.05002 (07012320)      0.05425 (06111722)      0.05685 (06111722)      0.06997 (07070106)
3757211.2 |      0.04687 (06111722)      0.04909 (06111722)      0.05620 (07070106)      0.07140 (07070106)      0.08689 (07070106)
3757181.2 |      0.04529 (07070106)      0.05823 (07070106)      0.07231 (07070106)      0.08615 (07070106)      0.09775 (07070106)
3757151.2 |      0.05982 (07070106)      0.07279 (07070106)      0.08509 (07070106)      0.09495 (07070106)      0.10046 (07070106)
3757121.2 |      0.07290 (07070106)      0.08379 (07070106)      0.09214 (07070106)      0.09634 (07070106)      0.09516 (07070106)
3757091.2 |      0.08230 (07070106)      0.08933 (07070106)      0.09246 (07070106)      0.09070 (07070106)      0.08381 (07070106)
3757061.2 |      0.08658 (07070106)      0.08880 (07070106)      0.08660 (07070106)      0.07986 (07070106)      0.06922 (07070106)
3757031.2 |      0.08537 (07070106)      0.08283 (07070106)      0.07625 (07070106)      0.06625 (07070106)      0.05405 (07070106)
3757001.2 |      0.07934 (07070106)      0.07294 (07070106)      0.06352 (07070106)      0.05217 (07070106)      0.04434 (06090207)
3756971.2 |      0.06990 (07070106)      0.06102 (07070106)      0.05041 (07070106)      0.04399 (06090207)      0.03850 (05083004)
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3756941.2 |      0.05870 (07070106)      0.04930 (06090207)      0.04372 (06090207)      0.03649 (05083004)      0.04056 (07070203)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                          ***        10/26/10
                                  ***                                                                       ***        14:37:09
                                                                                                                       PAGE  14
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       371996.85              372026.85              372056.85              372086.85              372116.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756911.2 |      0.04831 (06090207)      0.04337 (06090207)      0.03586 (06090207)      0.03577 (07070203)      0.04143 (07070203)
3756881.2 |      0.04296 (06090207)      0.03609 (06090207)      0.03159 (05050324)      0.03755 (07070203)      0.04034 (07070203)
3756851.2 |      0.03622 (06090207)      0.02943 (05083004)      0.03372 (07070203)      0.03761 (07070203)      0.03910 (06090107)
3756821.2 |      0.02909 (06090207)      0.03004 (07070203)      0.03466 (07070203)      0.03719 (06090107)      0.03825 (06090107)
3756791.2 |      0.02699 (05050324)      0.03163 (07070203)      0.03490 (06090107)      0.03739 (06090107)      0.03616 (06090107)
3756761.2 |      0.02861 (07070203)      0.03238 (06090107)      0.03601 (06090107)      0.03637 (06090107)      0.03469 (05102108)
3756731.2 |      0.02970 (06090107)      0.03417 (06090107)      0.03590 (06090107)      0.03428 (06090107)      0.03573 (05102108)
3756701.2 |      0.03201 (06090107)      0.03486 (06090107)      0.03469 (06090107)      0.03323 (05102108)      0.03588 (05102108)
3756671.2 |      0.03336 (06090107)      0.03447 (06090107)      0.03257 (06090107)      0.03424 (05102108)      0.03524 (07032008)
3756641.2 |      0.03370 (06090107)      0.03311 (06090107)      0.03188 (05102108)      0.03447 (05102108)      0.03475 (07032008)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                          ***        10/26/10
                                  ***                                                                       ***        14:37:09
                                                                                                                       PAGE  15
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372146.85              372176.85              372206.85              372236.85              372266.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758111.2 |      0.05112 (06090607)      0.06212 (06090607)      0.06804 (06090607)      0.06682 (06090607)      0.05854 (06090607)
3758081.2 |      0.05109 (06042607)      0.05908 (06090607)      0.06792 (06090607)      0.06983 (06090607)      0.06384 (06090607)
3758051.2 |      0.05249 (06042607)      0.05485 (06090607)      0.06641 (06090607)      0.07172 (06090607)      0.06865 (06090607)
3758021.2 |      0.05211 (06042607)      0.05375 (06042607)      0.06345 (06090607)      0.07223 (06090607)      0.07265 (06090607)
3757991.2 |      0.04980 (06042607)      0.05492 (06042607)      0.05906 (06090607)      0.07115 (06090607)      0.07549 (06090607)
3757961.2 |      0.05636 (06090407)      0.05415 (06042607)      0.05683 (06042607)      0.06836 (06090607)      0.07683 (06090607)
3757931.2 |      0.06638 (06090407)      0.05464 (06090407)      0.05784 (06042607)      0.06385 (06090607)      0.07636 (06090607)
3757901.2 |      0.07422 (06090407)      0.06589 (06090407)      0.05648 (06042607)      0.06041 (06042607)      0.07387 (06090607)
3757871.2 |      0.07827 (06090407)      0.07526 (06090407)      0.06486 (06090407)      0.06107 (06042607)      0.06937 (06090607)
3757841.2 |      0.07732 (06090407)      0.08088 (06090407)      0.07589 (06090407)      0.06344 (06090407)      0.06459 (06042607)
3757811.2 |      0.07100 (06090407)      0.08116 (06090407)      0.08343 (06090407)      0.07634 (06090407)      0.06490 (06042607)
3757781.2 |      0.06024 (06090407)      0.07559 (06090407)      0.08535 (06090407)      0.08591 (06090407)      0.07635 (06090407)
3757751.2 |      0.06366 (05010409)      0.06481 (06090407)      0.08068 (06090407)      0.08973 (06090407)      0.08824 (06090407)
3757721.2 |      0.07413 (07090907)      0.06979 (06071402)      0.06993 (06090407)      0.08632 (06090407)      0.09444 (06090407)
3757691.2 |      0.08617 (07090907)      0.08192 (07090907)      0.07845 (06071402)      0.07906 (06071402)      0.09288 (06090407)
3757661.2 |      0.08735 (07090907)      0.09141 (07090907)      0.08994 (07090907)      0.08895 (06071402)      0.09192 (06071402)
3757631.2 |      0.07645 (07090907)      0.08801 (07090907)      0.09591 (07090907)      0.09839 (07090907)      0.10201 (06071402)
3757601.2 |      0.07162 (06090102)      0.07673 (06090102)      0.08725 (07090907)      0.09992 (07090907)      0.10820 (07090907)
3757571.2 |      0.07121 (06120524)      0.07775 (06090102)      0.08806 (06090102)      0.09704 (06090102)      0.10895 (07062723)
3757541.2 |      0.07738 (06100301)      0.08468 (06100301)      0.09204 (06100301)      0.09932 (06100301)      0.11264 (06090102)
3757511.2 |      0.07648 (07091603)      0.08541 (07091603)      0.09541 (07091603)      0.10670 (07091603)      0.12072 (06100301)
3757481.2 |      0.07761 (07091605)      0.08518 (07091605)      0.09424 (07091605)      0.10530 (07091605)      0.12017 (05042101)
3757451.2 |      0.07937 (06111920)      0.08726 (06111920)      0.09673 (06111920)      0.10831 (06111920)      0.12283 (06111920)
3757421.2 |      0.07862 (07091002)      0.08838 (07082903)      0.10070 (07082903)      0.11476 (07082903)      0.13097 (07082903)
3757391.2 |      0.08495 (07082903)      0.09217 (07082903)      0.09957 (07082903)      0.10717 (07082903)      0.11555 (07031304)
3757361.2 |      0.07534 (05101822)      0.08070 (07031304)      0.09043 (07031304)      0.10094 (06060203)      0.11066 (06111722)
3757331.2 |      0.07345 (06060203)      0.08031 (06060203)      0.08623 (07012320)      0.09575 (06111722)      0.10875 (07070106)
3757301.2 |      0.07009 (07012320)      0.07696 (06111722)      0.08619 (07070106)      0.10728 (07070106)      0.12428 (07070106)
3757271.2 |      0.06795 (07070106)      0.08702 (07070106)      0.10534 (07070106)      0.11918 (07070106)      0.12447 (07070106)
3757241.2 |      0.08721 (07070106)      0.10303 (07070106)      0.11420 (07070106)      0.11750 (07070106)      0.11092 (07070106)
3757211.2 |      0.10047 (07070106)      0.10941 (07070106)      0.11114 (07070106)      0.10425 (07070106)      0.08937 (07070106)
3757181.2 |      0.10482 (07070106)      0.10533 (07070106)      0.09830 (07070106)      0.08442 (07070106)      0.07340 (05083004)
3757151.2 |      0.10002 (07070106)      0.09297 (07070106)      0.08001 (07070106)      0.06610 (05083004)      0.07459 (07070203)
3757121.2 |      0.08816 (07070106)      0.07605 (07070106)      0.06066 (07070106)      0.06438 (07070203)      0.07138 (07070203)
3757091.2 |      0.07247 (07070106)      0.05827 (07070106)      0.05508 (07070203)      0.06423 (07070203)      0.06608 (06041124)
3757061.2 |      0.05608 (07070106)      0.04964 (05083004)      0.05706 (07070203)      0.06039 (07070203)      0.06139 (06041124)
3757031.2 |      0.04612 (05083004)      0.05013 (07070203)      0.05575 (07070203)      0.05685 (06041124)      0.05745 (07072705)
3757001.2 |      0.04365 (07070203)      0.05073 (07070203)      0.05161 (07070203)      0.05274 (06041124)      0.05316 (07072705)
3756971.2 |      0.04560 (07070203)      0.04867 (07070203)      0.04960 (06041124)      0.04995 (07072705)      0.05059 (06090606)
3756941.2 |      0.04520 (07070203)      0.04552 (06041124)      0.04594 (06041124)      0.04664 (07072705)      0.04848 (06090606)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                          ***        10/26/10
                                  ***                                                                       ***        14:37:09
                                                                                                                       PAGE  16
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372146.85              372176.85              372206.85              372236.85              372266.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756911.2 |      0.04268 (07070203)      0.04375 (06041124)      0.04400 (07072705)      0.04390 (06090606)      0.04537 (06090606)
3756881.2 |      0.04069 (06041124)      0.04047 (06041124)      0.04139 (07072705)      0.04275 (06090606)      0.04156 (06090606)
3756851.2 |      0.03894 (06041124)      0.03944 (05102108)      0.04045 (07032008)      0.04067 (06090606)      0.03822 (06090204)
3756821.2 |      0.03647 (05102108)      0.03926 (05102108)      0.03898 (07032008)      0.03790 (06090606)      0.03559 (05042905)
3756791.2 |      0.03742 (05102108)      0.03848 (07032008)      0.03673 (07032008)      0.03467 (06090606)      0.03433 (05042905)
3756761.2 |      0.03741 (05102108)      0.03739 (07032008)      0.03460 (06090606)      0.03247 (06090204)      0.03277 (05042905)
3756731.2 |      0.03676 (07032008)      0.03561 (07032008)      0.03214 (06090606)      0.03063 (06061607)      0.03148 (06041123)
3756701.2 |      0.03604 (07032008)      0.03328 (07032008)      0.02989 (06061607)      0.02957 (06061607)      0.02999 (06041123)
3756671.2 |      0.03462 (07032008)      0.03057 (07032008)      0.02937 (06061607)      0.02838 (05042905)      0.02837 (06041123)
3756641.2 |      0.03265 (07032008)      0.02828 (06061607)      0.02863 (06061607)      0.02732 (06041123)      0.02665 (06041123)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                          ***        10/26/10
                                  ***                                                                       ***        14:37:09
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Site #14 – Localized CO Concentrations

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372296.85	372326.85	372356.85	372386.85	372416.85
3758111.2	0.04554 (06090607)	0.03134 (06090607)	0.03562 (05052102)	0.03777 (07072704)	0.03792 (07090806)
3758081.2	0.05163 (06090607)	0.03678 (06090607)	0.03697 (05052102)	0.03953 (07072704)	0.04014 (07090806)
3758051.2	0.05791 (06090607)	0.04283 (06090607)	0.03826 (05052102)	0.04135 (07072704)	0.04253 (07090806)
3758021.2	0.06415 (06090607)	0.04944 (06090607)	0.03948 (05052102)	0.04342 (05052102)	0.04509 (07090806)
3757991.2	0.07004 (06090607)	0.05647 (06090607)	0.04058 (05052102)	0.04596 (05052102)	0.04809 (07072704)
3757961.2	0.07522 (06090607)	0.06369 (06090607)	0.04635 (06090607)	0.04857 (05052102)	0.05135 (07072704)
3757931.2	0.07924 (06090607)	0.07079 (06090607)	0.05404 (06090607)	0.05122 (05052102)	0.05486 (07072704)
3757901.2	0.08165 (06090607)	0.07734 (06090607)	0.06238 (06090607)	0.05388 (05052102)	0.05865 (07072704)
3757871.2	0.08213 (06090607)	0.08298 (06090607)	0.07100 (06090607)	0.05655 (05052102)	0.06273 (07072704)
3757841.2	0.08039 (06090607)	0.08698 (06090607)	0.07934 (06090607)	0.06056 (06090607)	0.06715 (07072704)
3757811.2	0.07628 (06090607)	0.08884 (06090607)	0.08683 (06090607)	0.07063 (06090607)	0.07195 (07072704)
3757781.2	0.07001 (06042607)	0.08816 (06090607)	0.09288 (06090607)	0.08099 (06090607)	0.07798 (05052102)
3757751.2	0.07963 (05082505)	0.08478 (06090607)	0.09692 (06090607)	0.09121 (06090607)	0.08461 (05052102)
3757721.2	0.09060 (06090407)	0.08718 (05082505)	0.09853 (06090607)	0.10089 (06090607)	0.09287 (06070502)
3757691.2	0.10002 (06090407)	0.10031 (05082505)	0.10127 (06100302)	0.11111 (07062501)	0.10854 (06070502)
3757661.2	0.10141 (06090407)	0.10787 (06090407)	0.11524 (05082505)	0.12296 (07062501)	0.12562 (06070502)
3757631.2	0.10860 (06071402)	0.11510 (05082506)	0.13027 (05082505)	0.13479 (06100302)	0.14832 (07062501)
3757601.2	0.11891 (06071402)	0.13122 (06071402)	0.13960 (05082506)	0.16086 (05082505)	0.17440 (07062501)
3757571.2	0.12350 (07062723)	0.14209 (06071402)	0.16407 (06071402)	0.18112 (05082505)	0.20572 (05082505)
3757541.2	0.12929 (06090102)	0.15047 (07062723)	0.17687 (06071402)	0.21727 (06071402)	0.00000 (00000000)
3757511.2	0.13830 (06100301)	0.15900 (06100301)	0.19007 (06090102)	0.24593 (07090907)	0.00000 (00000000)
3757481.2	0.13958 (05042101)	0.16531 (07091603)	0.20387 (07091603)	0.00000 (00000000)	0.00000 (00000000)
3757451.2	0.14165 (06111920)	0.17056 (07082903)	0.21494 (07082903)	0.00000 (00000000)	0.00000 (00000000)
3757421.2	0.15010 (07082903)	0.17353 (07082903)	0.20409 (07082903)	0.00000 (00000000)	0.00000 (00000000)
3757391.2	0.13355 (06060203)	0.15344 (06060203)	0.17951 (05043001)	0.22259 (07081202)	0.00000 (00000000)
3757361.2	0.12524 (06111722)	0.13967 (05043001)	0.16789 (07091205)	0.19323 (06090101)	0.22516 (07070203)
3757331.2	0.12963 (07070106)	0.14136 (07070106)	0.15074 (06090101)	0.17057 (07070203)	0.18310 (07072705)
3757301.2	0.13215 (07070106)	0.12720 (07070106)	0.13335 (07070203)	0.14833 (06041124)	0.15564 (06090606)
3757271.2	0.11844 (07070106)	0.10791 (05083004)	0.12458 (07070203)	0.12884 (07072705)	0.13067 (06090606)
3757241.2	0.09496 (07070106)	0.10475 (07070203)	0.11112 (06041124)	0.11498 (06090606)	0.11297 (07081701)
3757211.2	0.08771 (07070203)	0.09700 (07070203)	0.09925 (07072705)	0.10186 (06090606)	0.10373 (07081701)
3757181.2	0.08554 (07070203)	0.08832 (06041124)	0.09024 (06090606)	0.08797 (06090606)	0.09540 (07081701)
3757151.2	0.07824 (06041124)	0.08037 (07072705)	0.08296 (06090606)	0.08034 (06041123)	0.08775 (07081701)
3757121.2	0.07275 (06041124)	0.07331 (06090606)	0.07420 (06090606)	0.07317 (06041123)	0.08065 (07081701)
3757091.2	0.06719 (07072705)	0.06929 (06090606)	0.06580 (05042905)	0.06794 (07081701)	0.07403 (07081701)
3757061.2	0.06150 (07072705)	0.06372 (06090606)	0.06142 (06041123)	0.06492 (07081701)	0.06787 (07081701)
3757031.2	0.05885 (06090606)	0.05715 (06090606)	0.05728 (06041123)	0.06178 (07081701)	0.06214 (07081701)
3757001.2	0.05535 (06090606)	0.05197 (05042905)	0.05287 (06041123)	0.05856 (07081701)	0.05683 (07081701)
3756971.2	0.05080 (06090606)	0.04917 (05042905)	0.04860 (07081701)	0.05531 (07081701)	0.05191 (07081701)
3756941.2	0.04592 (06090204)	0.04647 (06041123)	0.04748 (07081701)	0.05206 (07081701)	0.04828 (07042623)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372296.85	372326.85	372356.85	372386.85	372416.85
3756911.2	0.04248 (05042905)	0.04362 (06041123)	0.04614 (07081701)	0.04886 (07081701)	0.04523 (07042623)
3756881.2	0.04063 (05042905)	0.04058 (06041123)	0.04462 (07081701)	0.04574 (07081701)	0.04240 (07042623)
3756851.2	0.03865 (06041123)	0.03746 (06041123)	0.04296 (07081701)	0.04272 (07081701)	0.04000 (05083003)
3756821.2	0.03676 (06041123)	0.03630 (07081701)	0.04119 (07081701)	0.03982 (07081701)	0.03878 (06082207)
3756791.2	0.03465 (06041123)	0.03578 (07081701)	0.03936 (07081701)	0.03705 (07081701)	0.03822 (06082207)
3756761.2	0.03242 (06041123)	0.03510 (07081701)	0.03748 (07081701)	0.03442 (07081701)	0.03766 (06082207)
3756731.2	0.03012 (06041123)	0.03426 (07081701)	0.03559 (07081701)	0.03278 (07042623)	0.03710 (06082207)
3756701.2	0.02864 (07081701)	0.03331 (07081701)	0.03371 (07081701)	0.03126 (07042623)	0.03655 (06082207)
3756671.2	0.02852 (07081701)	0.03226 (07081701)	0.03186 (07081701)	0.03098 (06082207)	0.03606 (06082207)
3756641.2	0.02827 (07081701)	0.03113 (07081701)	0.03004 (07081701)	0.03095 (06082207)	0.03559 (06082207)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372446.85	372476.85	372506.85	372536.85	372566.85
3758111.2	0.03708 (05082924)	0.03811 (07072603)	0.03743 (07072603)	0.03702 (07091802)	0.03649 (07040123)
3758081.2	0.03933 (05082924)	0.04026 (07072603)	0.03941 (07072603)	0.03900 (07091802)	0.03848 (07040123)
3758051.2	0.04178 (05082924)	0.04263 (07072603)	0.04157 (07072603)	0.04112 (07091802)	0.04054 (07040123)
3758021.2	0.04448 (05082924)	0.04524 (07072603)	0.04395 (07072603)	0.04340 (07091802)	0.04266 (07040123)
3757991.2	0.04745 (05082924)	0.04814 (07072603)	0.04657 (07072603)	0.04585 (07091802)	0.04484 (07040123)
3757961.2	0.05073 (05082924)	0.05137 (07072603)	0.04947 (07072603)	0.04880 (07040123)	0.04706 (07040123)
3757931.2	0.05439 (05082924)	0.05500 (07072603)	0.05284 (07091802)	0.05251 (07040123)	0.04931 (07040123)
3757901.2	0.05847 (05082924)	0.05909 (07072603)	0.05702 (07091802)	0.05652 (07040123)	0.05158 (07040123)
3757871.2	0.06306 (05082924)	0.06375 (07072603)	0.06171 (07091802)	0.06087 (07040123)	0.05384 (07040123)
3757841.2	0.06825 (05082924)	0.06909 (07072603)	0.06701 (07091802)	0.06557 (07040123)	0.05826 (07122005)
3757811.2	0.07457 (07090806)	0.07528 (07072603)	0.07305 (07091802)	0.07068 (07040123)	0.06405 (07122005)
3757781.2	0.08195 (07090806)	0.08253 (07072603)	0.08000 (07091802)	0.07626 (07040123)	0.07371 (07062524)
3757751.2	0.09065 (07072704)	0.09115 (07072603)	0.08808 (07091802)	0.08238 (07040123)	0.08469 (07062524)
3757721.2	0.10117 (07072704)	0.10158 (07072603)	0.09765 (07091802)	0.08920 (07040123)	0.09565 (07062524)
3757691.2	0.11372 (07072704)	0.11446 (07072603)	0.10970 (07040123)	0.10358 (07062524)	0.10599 (07062524)

3757661.2	0.12908 (07072704)	0.13082 (07072603)	0.12519 (07040123)	0.12282 (07062524)	0.11635 (07091723)
3757631.2	0.14856 (07072704)	0.15239 (07072603)	0.14476 (07040123)	0.14372 (07062524)	0.13260 (05082807)
3757601.2	0.17449 (07072704)	0.18228 (07072603)	0.17071 (07040123)	0.16623 (07062524)	0.15530 (07070124)
3757571.2	0.22311 (07062501)	0.22682 (07072603)	0.21631 (07062524)	0.20372 (05082807)	0.17506 (07070124)
3757541.2	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.22341 (05082707)
3757511.2	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.26626 (05082707)
3757481.2	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)
3757451.2	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)
3757421.2	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)
3757391.2	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.22537 (07062901)
3757361.2	0.24038 (06090606)	0.00000 (00000000)	0.24103 (06053105)	0.23259 (07090807)	0.19675 (05062305)
3757331.2	0.19510 (07081701)	0.18986 (06111620)	0.18482 (07051822)	0.18684 (06053105)	0.17733 (07090807)
3757301.2	0.16396 (07081701)	0.15688 (06111620)	0.15197 (07103023)	0.15655 (06053105)	0.15400 (07090807)
3757271.2	0.14052 (07081701)	0.13341 (06111620)	0.12846 (07103023)	0.13110 (07051822)	0.13148 (06053105)
3757241.2	0.12188 (07081701)	0.11606 (07081604)	0.11039 (05042102)	0.11103 (05091702)	0.11657 (06053105)
3757211.2	0.10651 (07081701)	0.10264 (07081604)	0.09869 (05042102)	0.09834 (07103023)	0.10077 (07051822)
3757181.2	0.09354 (07081701)	0.09186 (07081604)	0.08915 (05042102)	0.08891 (07103023)	0.08963 (07051822)
3757151.2	0.08376 (05083003)	0.08300 (07081604)	0.08119 (05042102)	0.08025 (07103023)	0.07847 (05091702)
3757121.2	0.07668 (05083003)	0.07558 (07081604)	0.07443 (05042102)	0.07230 (07103023)	0.07221 (05091702)
3757091.2	0.07054 (05083003)	0.06928 (07081604)	0.06860 (05042102)	0.06502 (07103023)	0.06588 (05091702)
3757061.2	0.06517 (05083003)	0.06386 (07081604)	0.06351 (05042102)	0.05838 (07103023)	0.06140 (07103023)
3757031.2	0.06043 (05083003)	0.05914 (07081604)	0.05904 (05042102)	0.05236 (07103023)	0.05715 (07103023)
3757001.2	0.05621 (05083003)	0.05501 (07081604)	0.05506 (05042102)	0.04829 (05042102)	0.05297 (07103023)
3756971.2	0.05244 (05083003)	0.05135 (07081604)	0.05151 (05042102)	0.04584 (05042102)	0.04891 (07103023)
3756941.2	0.04904 (05083003)	0.04810 (07081604)	0.04831 (05042102)	0.04358 (05042102)	0.04503 (07103023)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS)				
	372446.85	372476.85	372506.85	372536.85	372566.85
3756911.2	0.04600 (06111620)	0.04519 (07081604)	0.04542 (05042102)	0.04150 (05042102)	0.04134 (07103023)
3756881.2	0.04341 (06082207)	0.04257 (07081604)	0.04280 (05042102)	0.03957 (05042102)	0.03788 (07103023)
3756851.2	0.04231 (06082207)	0.04020 (07081604)	0.04042 (05042102)	0.03778 (05042102)	0.03465 (07103023)
3756821.2	0.04126 (06082207)	0.03804 (07081604)	0.03823 (05042102)	0.03610 (05042102)	0.03164 (07103023)
3756791.2	0.04026 (06082207)	0.03638 (06082207)	0.03623 (05042102)	0.03454 (05042102)	0.02887 (07103023)
3756761.2	0.03930 (06082207)	0.03535 (06082207)	0.03439 (05042102)	0.03307 (05042102)	0.02784 (05042102)
3756731.2	0.03838 (06082207)	0.03437 (06082207)	0.03269 (05042102)	0.03169 (05042102)	0.02702 (05042102)
3756701.2	0.03749 (06082207)	0.03344 (06082207)	0.03112 (05042102)	0.03040 (05042102)	0.02623 (05042102)
3756671.2	0.03669 (06082207)	0.03262 (06082207)	0.02966 (05042102)	0.02919 (05042102)	0.02547 (05042102)
3756641.2	0.03594 (06082207)	0.03187 (06082207)	0.02831 (05042102)	0.02804 (05042102)	0.02473 (05042102)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS)				
	372596.85	372626.85	372656.85	372686.85	372716.85
3758111.2	0.03400 (07040123)	0.03107 (07122005)	0.03183 (07122005)	0.03452 (07062524)	0.03552 (07062524)
3758081.2	0.03504 (07040123)	0.03345 (07122005)	0.03340 (07062524)	0.03737 (07062524)	0.03821 (05082807)
3758051.2	0.03602 (07040123)	0.03581 (07122005)	0.03730 (07062524)	0.03992 (07062524)	0.04595 (05082807)
3758021.2	0.03692 (07040123)	0.03806 (07122005)	0.04117 (07062524)	0.04200 (07062524)	0.05415 (05082807)
3757991.2	0.03944 (07122005)	0.04014 (07122005)	0.04484 (07062524)	0.04791 (05082807)	0.06236 (05082807)
3757961.2	0.04294 (07122005)	0.04518 (07062524)	0.04811 (07062524)	0.05701 (05082807)	0.06992 (05082807)
3757931.2	0.04644 (07122005)	0.05034 (07062524)	0.05074 (07062524)	0.06611 (05082807)	0.07604 (05082807)
3757901.2	0.04985 (07122005)	0.05526 (07062524)	0.06017 (05082807)	0.07443 (05082807)	0.07988 (05082807)
3757871.2	0.05643 (07062524)	0.05964 (07062524)	0.07050 (05082807)	0.08100 (05082807)	0.08064 (05082807)
3757841.2	0.06367 (07062524)	0.06438 (05082807)	0.07987 (05082807)	0.08488 (05082807)	0.07796 (05082807)
3757811.2	0.07066 (07062524)	0.07604 (05082807)	0.08704 (05082807)	0.08512 (05082807)	0.07181 (05082807)
3757781.2	0.07696 (07062524)	0.08653 (05082807)	0.09083 (05082807)	0.08128 (05082807)	0.06276 (07070124)
3757751.2	0.08317 (05082807)	0.09449 (05082807)	0.09035 (05082807)	0.07352 (05082807)	0.06488 (06090306)
3757721.2	0.09582 (05082807)	0.09861 (05082807)	0.08525 (05082807)	0.07259 (06090306)	0.07290 (06090306)
3757691.2	0.10614 (05082807)	0.09801 (05082807)	0.08572 (07070124)	0.08302 (06090306)	0.08706 (05082707)
3757661.2	0.11289 (05082807)	0.10337 (07070124)	0.09597 (06090306)	0.09887 (05082707)	0.11414 (05082707)
3757631.2	0.12571 (07070124)	0.11321 (06090306)	0.11275 (05082707)	0.12586 (05082707)	0.13005 (05082707)
3757601.2	0.13749 (06090306)	0.13120 (05082707)	0.13924 (05082707)	0.13762 (05082707)	0.12708 (05082707)
3757571.2	0.16238 (07062424)	0.15821 (05082707)	0.14618 (05082707)	0.12756 (05082707)	0.10526 (05082707)
3757541.2	0.19354 (05082707)	0.16099 (05082707)	0.12959 (07072804)	0.11337 (07112919)	0.09904 (07112919)
3757511.2	0.19331 (05082707)	0.15657 (07112919)	0.13404 (05071903)	0.11864 (05091722)	0.10638 (05091722)
3757481.2	0.20484 (05091722)	0.16752 (06061524)	0.14257 (06061524)	0.12394 (06061524)	0.10940 (06061524)
3757451.2	0.21314 (06112321)	0.17439 (06112321)	0.14778 (06112321)	0.12826 (06112321)	0.11324 (06112321)
3757421.2	0.19867 (07081802)	0.16293 (07081802)	0.13360 (07081802)	0.10903 (07081802)	0.09647 (05070723)
3757391.2	0.18701 (05041521)	0.15547 (05041521)	0.13349 (07081802)	0.11869 (07081802)	0.10404 (07081802)
3757361.2	0.16915 (07062901)	0.14387 (05041521)	0.13016 (05041521)	0.11259 (07082904)	0.10003 (07082904)
3757331.2	0.15383 (05062305)	0.13473 (07062901)	0.12024 (07062901)	0.10857 (05041521)	0.09922 (05041521)
3757301.2	0.15004 (07090807)	0.12642 (05062305)	0.11123 (05062305)	0.10326 (07062901)	0.08968 (05041521)
3757271.2	0.14258 (07090807)	0.13400 (07090807)	0.10745 (07090807)	0.09519 (05062305)	0.09002 (07062901)
3757241.2	0.12730 (07090807)	0.13481 (07090807)	0.12151 (07090807)	0.09448 (07090807)	0.08302 (05062305)
3757211.2	0.10711 (07090807)	0.12648 (07090807)	0.12716 (07090807)	0.11011 (07090807)	0.08320 (07090807)
3757181.2	0.09262 (06053105)	0.11140 (07090807)	0.12399 (07090807)	0.11889 (07090807)	0.09948 (07090807)
3757151.2	0.08211 (06053105)	0.09272 (07090807)	0.11348 (07090807)	0.11972 (07090807)	0.11022 (07090807)
3757121.2	0.07427 (07051822)	0.07639 (06053105)	0.09836 (07090807)	0.11336 (07090807)	0.11413 (07090807)
3757091.2	0.06721 (07051822)	0.06939 (06053105)	0.08139 (07090807)	0.10175 (07090807)	0.11134 (07090807)
3757061.2	0.05972 (07051822)	0.06235 (07051822)	0.06476 (07090807)	0.08723 (07090807)	0.10311 (07090807)
3757031.2	0.05609 (05091702)	0.05808 (07051822)	0.05980 (06053105)	0.07189 (07090807)	0.09127 (07090807)
3757001.2	0.05243 (05091702)	0.05309 (07051822)	0.05376 (06053105)	0.05901 (05102308)	0.07767 (07090807)
3756971.2	0.04859 (05091702)	0.04773 (07051822)	0.05038 (07051822)	0.05477 (05102308)	0.06391 (07090807)
3756941.2	0.04588 (07103023)	0.04510 (05091702)	0.04717 (07051822)	0.04941 (05102308)	0.05582 (05102308)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372596.85	372626.85	372656.85	372686.85	372716.85
3756911.2	0.04350 (07103023)	0.04290 (05091702)	0.04341 (07051822)	0.04382 (07051822)	0.05218 (05102308)
3756881.2	0.04105 (07103023)	0.04046 (05091702)	0.03937 (07051822)	0.04187 (07051822)	0.04761 (05102308)
3756851.2	0.03858 (07103023)	0.03788 (05091702)	0.03716 (05091702)	0.03933 (07051822)	0.04249 (05102308)
3756821.2	0.03613 (07103023)	0.03597 (07103023)	0.03583 (05091702)	0.03639 (07051822)	0.03715 (05102308)
3756791.2	0.03373 (07103023)	0.03454 (07103023)	0.03425 (05091702)	0.03322 (07051822)	0.03552 (07051822)
3756761.2	0.03141 (07103023)	0.03301 (07103023)	0.03251 (05091702)	0.03121 (05091702)	0.03346 (07051822)
3756731.2	0.02918 (07103023)	0.03142 (07103023)	0.03064 (05091702)	0.03040 (05091702)	0.03109 (07051822)
3756701.2	0.02706 (07103023)	0.02980 (07103023)	0.02917 (07103023)	0.02938 (05091702)	0.02854 (07051822)
3756671.2	0.02505 (07103023)	0.02817 (07103023)	0.02826 (07103023)	0.02819 (05091702)	0.02661 (05091702)
3756641.2	0.02317 (07103023)	0.02655 (07103023)	0.02726 (07103023)	0.02688 (05091702)	0.02614 (05091702)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372746.85	372776.85	372806.85	372836.85	372866.85
3758111.2	0.04414 (05082807)	0.05600 (05082807)	0.06407 (05082807)	0.06645 (05082807)	0.06281 (05082807)
3758081.2	0.05157 (05082807)	0.06231 (05082807)	0.06774 (05082807)	0.06666 (05082807)	0.05971 (05082807)
3758051.2	0.05901 (05082807)	0.06764 (05082807)	0.06964 (05082807)	0.06480 (05082807)	0.05483 (05082807)
3758021.2	0.06590 (05082807)	0.07142 (05082807)	0.06939 (05082807)	0.06084 (05082807)	0.04848 (05082807)
3757991.2	0.07162 (05082807)	0.07308 (05082807)	0.06675 (05082807)	0.05496 (05082807)	0.04110 (05082807)
3757961.2	0.07545 (05082807)	0.07220 (05082807)	0.06175 (05082807)	0.04757 (05082807)	0.03380 (07070124)
3757931.2	0.07676 (05082807)	0.06857 (05082807)	0.05468 (05082807)	0.03927 (05082807)	0.03647 (06090306)
3757901.2	0.07505 (05082807)	0.06231 (05082807)	0.04614 (05082807)	0.03899 (06090306)	0.04132 (06090306)
3757871.2	0.07017 (05082807)	0.05388 (05082807)	0.04182 (06090306)	0.04474 (06090306)	0.04374 (06090306)
3757841.2	0.06242 (05082807)	0.04691 (07070124)	0.04866 (06090306)	0.04779 (06090306)	0.04813 (05082707)
3757811.2	0.05428 (07070124)	0.05320 (06090306)	0.05252 (06090306)	0.05391 (05082707)	0.06789 (05082707)
3757781.2	0.05853 (06090306)	0.05810 (06090306)	0.06056 (05082707)	0.07543 (05082707)	0.08791 (05082707)
3757751.2	0.06478 (06090306)	0.06818 (05082707)	0.08383 (05082707)	0.09608 (05082707)	0.10340 (05082707)
3757721.2	0.07691 (05082707)	0.09309 (05082707)	0.10464 (05082707)	0.11013 (05082707)	0.10934 (05082707)
3757691.2	0.10317 (05082707)	0.11339 (05082707)	0.11632 (05082707)	0.11234 (05082707)	0.10293 (05082707)
3757661.2	0.12198 (05082707)	0.12152 (05082707)	0.11375 (05082707)	0.10088 (05082707)	0.08542 (05082707)
3757631.2	0.12520 (05082707)	0.11308 (05082707)	0.09669 (05082707)	0.07892 (05082707)	0.06196 (05082707)
3757601.2	0.11022 (05082707)	0.09041 (05082707)	0.07072 (05082707)	0.06583 (07112919)	0.06044 (07112919)
3757571.2	0.08759 (07112919)	0.07975 (07112919)	0.07106 (07112919)	0.06213 (07112919)	0.05877 (05071903)
3757541.2	0.08654 (05071903)	0.08081 (05071903)	0.07512 (05071903)	0.06952 (05071903)	0.06493 (05091722)
3757511.2	0.09574 (05091722)	0.08633 (05091722)	0.07795 (05091722)	0.07049 (06090106)	0.06475 (07072605)
3757481.2	0.09768 (06061524)	0.08800 (06061524)	0.07985 (06061524)	0.07289 (06061524)	0.06687 (06061524)
3757451.2	0.10129 (06112321)	0.09151 (06112321)	0.08334 (06112321)	0.07641 (06112321)	0.07044 (06112321)
3757421.2	0.08738 (05070723)	0.07993 (06112321)	0.07376 (06112321)	0.06848 (06112321)	0.06388 (06112321)
3757391.2	0.08993 (07081802)	0.07698 (07031508)	0.07328 (07031508)	0.06980 (07031508)	0.06637 (07031508)
3757361.2	0.09128 (07081802)	0.08376 (07081802)	0.07553 (07081802)	0.06706 (07081802)	0.06445 (07031508)
3757331.2	0.08778 (07082904)	0.08008 (07082904)	0.07225 (07081201)	0.06856 (07081802)	0.06390 (07081802)
3757301.2	0.08685 (05041521)	0.07939 (05041521)	0.07136 (07082904)	0.06633 (07082904)	0.06023 (07081201)
3757271.2	0.07885 (07062901)	0.07469 (05041521)	0.07184 (05041521)	0.06549 (05041521)	0.05968 (07082904)
3757241.2	0.07928 (07062901)	0.07168 (07062901)	0.06703 (07091107)	0.06456 (07091107)	0.06075 (05041521)
3757211.2	0.07345 (05062305)	0.07033 (07062901)	0.06540 (07062901)	0.06272 (07091107)	0.06257 (07091107)
3757181.2	0.07370 (07090807)	0.06592 (06081607)	0.06274 (07062901)	0.05983 (07062901)	0.05819 (07091107)
3757151.2	0.08969 (07090807)	0.06565 (05062305)	0.06305 (06081607)	0.05767 (06081607)	0.05483 (07062901)
3757121.2	0.10152 (07090807)	0.08075 (07090807)	0.06026 (06081607)	0.06057 (06081607)	0.05585 (06081607)
3757091.2	0.10771 (07090807)	0.09310 (07090807)	0.07267 (07090807)	0.05787 (06081607)	0.05834 (06081607)
3757061.2	0.10790 (07090807)	0.10089 (07090807)	0.08512 (07090807)	0.06543 (07090807)	0.05571 (06081607)
3757031.2	0.10276 (07090807)	0.10346 (07090807)	0.09397 (07090807)	0.07768 (07090807)	0.05896 (07090807)
3757001.2	0.09361 (07090807)	0.10102 (07090807)	0.09838 (07090807)	0.08717 (07090807)	0.07083 (07090807)
3756971.2	0.08203 (07090807)	0.09445 (07090807)	0.09822 (07090807)	0.09295 (07090807)	0.08061 (07090807)
3756941.2	0.06949 (07090807)	0.08499 (07090807)	0.09400 (07090807)	0.09466 (07090807)	0.08736 (07090807)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372746.85	372776.85	372806.85	372836.85	372866.85
3756911.2	0.05718 (07090807)	0.07395 (07090807)	0.08665 (07090807)	0.09252 (07090807)	0.09057 (07090807)
3756881.2	0.05315 (05102308)	0.06247 (07090807)	0.07725 (07090807)	0.08716 (07090807)	0.09021 (07090807)
3756851.2	0.05011 (05102308)	0.05232 (05102308)	0.06688 (07090807)	0.07946 (07090807)	0.08669 (07090807)
3756821.2	0.04613 (05102308)	0.05084 (05102308)	0.05641 (07090807)	0.07035 (07090807)	0.08066 (07090807)
3756791.2	0.04158 (05102308)	0.04820 (05102308)	0.04999 (05102308)	0.06069 (07090807)	0.07290 (07090807)
3756761.2	0.03677 (05102308)	0.04470 (05102308)	0.04872 (05102308)	0.05117 (07090807)	0.06421 (07090807)
3756731.2	0.03202 (07051822)	0.04064 (05102308)	0.04641 (05102308)	0.04786 (05102308)	0.05526 (07090807)
3756701.2	0.03063 (07051822)	0.03630 (05102308)	0.04332 (05102308)	0.04677 (05102308)	0.04660 (07090807)
3756671.2	0.02891 (07051822)	0.03191 (05102308)	0.03969 (05102308)	0.04474 (05102308)	0.04591 (05102308)
3756641.2	0.02696 (07051822)	0.02796 (07051822)	0.03576 (05102308)	0.04200 (05102308)	0.04497 (05102308)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

Site #14 – Localized CO Concentrations

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372896.85	372926.85	372956.85	372986.85	373016.85
3758111.2	0.05440 (05082807)	0.04340 (05082807)	0.03208 (05082807)	0.02306 (07070124)	0.02384 (06090306)
3758081.2	0.04896 (05082807)	0.03698 (05082807)	0.02589 (05082807)	0.02496 (06090306)	0.02707 (06090306)
3758051.2	0.04246 (05082807)	0.03028 (05082807)	0.02615 (06090306)	0.02861 (06090306)	0.02925 (06090306)
3758021.2	0.03534 (05082807)	0.02742 (06090306)	0.03030 (06090306)	0.03116 (06090306)	0.02994 (06090306)
3757991.2	0.02981 (07070124)	0.03216 (06090306)	0.03328 (06090306)	0.03207 (06090306)	0.03180 (06102522)
3757961.2	0.03420 (06090306)	0.03566 (06090306)	0.03446 (06090306)	0.03406 (06102522)	0.04086 (05082707)
3757931.2	0.03832 (06090306)	0.03716 (06090306)	0.03660 (06102522)	0.04508 (05082707)	0.05544 (05082707)
3757901.2	0.04023 (06090306)	0.03947 (06102522)	0.04982 (05082707)	0.06080 (05082707)	0.07059 (05082707)
3757871.2	0.04309 (05082707)	0.05516 (05082707)	0.06671 (05082707)	0.07657 (05082707)	0.08379 (05082707)
3757841.2	0.06116 (05082707)	0.07320 (05082707)	0.08293 (05082707)	0.08939 (05082707)	0.09212 (05082707)
3757811.2	0.08027 (05082707)	0.08960 (05082707)	0.09495 (05082707)	0.09606 (05082707)	0.09321 (05082707)
3757781.2	0.09647 (05082707)	0.10030 (05082707)	0.09939 (05082707)	0.09436 (05082707)	0.08626 (05082707)
3757751.2	0.10520 (05082707)	0.10185 (05082707)	0.09438 (05082707)	0.08415 (05082707)	0.07254 (05082707)
3757721.2	0.10314 (05082707)	0.09303 (05082707)	0.08070 (05082707)	0.06767 (05082707)	0.05512 (05082707)
3757691.2	0.09010 (05082707)	0.07583 (05082707)	0.06170 (05082707)	0.04880 (05082707)	0.04497 (06081407)
3757661.2	0.06954 (05082707)	0.05477 (05082707)	0.04731 (06081407)	0.04501 (07112919)	0.04234 (07112919)
3757631.2	0.05524 (07112919)	0.05195 (07112919)	0.04791 (07112919)	0.04343 (07112919)	0.03879 (07112919)
3757601.2	0.05442 (07112919)	0.04817 (07112919)	0.04438 (05071903)	0.04350 (05071903)	0.04232 (05071903)
3757571.2	0.05635 (05071903)	0.05368 (05071903)	0.05084 (05071903)	0.04789 (05071903)	0.04539 (05091722)
3757541.2	0.06072 (05091722)	0.05666 (05091722)	0.05276 (05091722)	0.04904 (05091722)	0.04552 (05091722)
3757511.2	0.06019 (07072605)	0.05606 (07072605)	0.05256 (06061524)	0.04953 (06061524)	0.04676 (06061524)
3757481.2	0.06161 (06061524)	0.05698 (06061524)	0.05288 (06061524)	0.04922 (06061524)	0.04594 (06061524)
3757451.2	0.06525 (06112321)	0.06069 (06112321)	0.05665 (06112321)	0.05305 (06112321)	0.04982 (06112321)
3757421.2	0.05984 (06112321)	0.05624 (06112321)	0.05302 (06112321)	0.05011 (06112321)	0.04747 (06112321)
3757391.2	0.06292 (07031508)	0.05942 (07031508)	0.05591 (07031508)	0.05240 (07031508)	0.04894 (07031508)
3757361.2	0.06372 (07031508)	0.06256 (07031508)	0.06100 (07031508)	0.05910 (07031508)	0.05692 (07031508)
3757331.2	0.05857 (07081802)	0.05492 (07031508)	0.05585 (07031508)	0.05625 (07031508)	0.05618 (07031508)
3757301.2	0.05669 (07081802)	0.05427 (07081802)	0.05107 (07081802)	0.04732 (07081802)	0.04723 (07031508)
3757271.2	0.05625 (07082904)	0.05147 (07082904)	0.04836 (07081201)	0.04624 (07081802)	0.04448 (07081802)
3757241.2	0.05518 (05041521)	0.05095 (07082904)	0.04855 (07082904)	0.04500 (07082904)	0.04218 (07081201)
3757211.2	0.05910 (07091107)	0.05312 (07091107)	0.04725 (05041521)	0.04419 (07082904)	0.04248 (07082904)
3757181.2	0.05986 (07091107)	0.05835 (07091107)	0.05414 (07091107)	0.04803 (07091107)	0.04097 (05041521)
3757151.2	0.05352 (07091107)	0.05660 (07091107)	0.05676 (07091107)	0.05422 (07091107)	0.04962 (07091107)
3757121.2	0.05032 (07062901)	0.04885 (07091107)	0.05297 (07091107)	0.05454 (07091107)	0.05362 (07091107)
3757091.2	0.05418 (06081607)	0.04665 (06081607)	0.04429 (07091107)	0.04924 (07091107)	0.05198 (07091107)
3757061.2	0.05630 (06081607)	0.05262 (06081607)	0.04583 (06081607)	0.04091 (07062901)	0.04553 (07091107)
3757031.2	0.05372 (06081607)	0.05448 (06081607)	0.05131 (06081607)	0.04515 (06081607)	0.03833 (07062901)
3757001.2	0.05321 (07090807)	0.05205 (06081607)	0.05288 (06081607)	0.05006 (06081607)	0.04445 (06081607)
3756971.2	0.06456 (07090807)	0.04810 (07090807)	0.05050 (06081607)	0.05136 (06081607)	0.04887 (06081607)
3756941.2	0.07439 (07090807)	0.05885 (07090807)	0.04497 (06081607)	0.04903 (06081607)	0.04992 (06081607)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO *** *** 10/26/10
*** 14:37:09
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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372896.85	372926.85	372956.85	372986.85	373016.85
3756911.2	0.08179 (07090807)	0.06856 (07090807)	0.05367 (07090807)	0.04382 (06081607)	0.04766 (06081607)
3756881.2	0.08615 (07090807)	0.07634 (07090807)	0.06313 (07090807)	0.04899 (07090807)	0.04274 (06081607)
3756851.2	0.08730 (07090807)	0.08157 (07090807)	0.07110 (07090807)	0.05810 (07090807)	0.04476 (07090807)
3756821.2	0.08541 (07090807)	0.08394 (07090807)	0.07695 (07090807)	0.06610 (07090807)	0.05347 (07090807)
3756791.2	0.08096 (07090807)	0.08349 (07090807)	0.08030 (07090807)	0.07237 (07090807)	0.06139 (07090807)
3756761.2	0.07458 (07090807)	0.08049 (07090807)	0.08106 (07090807)	0.07649 (07090807)	0.06791 (07090807)
3756731.2	0.06696 (07090807)	0.07546 (07090807)	0.07939 (07090807)	0.07827 (07090807)	0.07261 (07090807)
3756701.2	0.05875 (07090807)	0.06897 (07090807)	0.07563 (07090807)	0.07776 (07090807)	0.07522 (07090807)
3756671.2	0.05049 (07090807)	0.06160 (07090807)	0.07027 (07090807)	0.07519 (07090807)	0.07572 (07090807)
3756641.2	0.04407 (05102308)	0.05389 (07090807)	0.06381 (07090807)	0.07093 (07090807)	0.07422 (07090807)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO *** *** 10/26/10
*** 14:37:09
PAGE 27

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 373046.85	373076.85	373106.85	373136.85	373166.85
3758111.2	0.02565 (06090306)	0.02595 (06090306)	0.02477 (06090306)	0.02487 (06102522)	0.02637 (07043007)
3758081.2	0.02752 (06090306)	0.02632 (06090306)	0.02635 (06102522)	0.02812 (05082707)	0.03543 (05082707)
3758051.2	0.02803 (06090306)	0.02798 (06102522)	0.03078 (05082707)	0.03866 (05082707)	0.04666 (05082707)
3758021.2	0.02979 (06102522)	0.03376 (05082707)	0.04223 (05082707)	0.05068 (05082707)	0.05850 (05082707)
3757991.2	0.03711 (05082707)	0.04619 (05082707)	0.05506 (05082707)	0.06303 (05082707)	0.06949 (05082707)
3757961.2	0.05058 (05082707)	0.05984 (05082707)	0.06785 (05082707)	0.07401 (05082707)	0.07789 (05082707)
3757931.2	0.06501 (05082707)	0.07295 (05082707)	0.07862 (05082707)	0.08166 (05082707)	0.08202 (05082707)
3757901.2	0.07828 (05082707)	0.08324 (05082707)	0.08522 (05082707)	0.08428 (05082707)	0.08079 (05082707)
3757871.2	0.08779 (05082707)	0.08844 (05082707)	0.08600 (05082707)	0.08100 (05082707)	0.07412 (05082707)
3757841.2	0.09117 (05082707)	0.08701 (05082707)	0.08039 (05082707)	0.07214 (05082707)	0.06308 (05082707)
3757811.2	0.08716 (05082707)	0.07884 (05082707)	0.06926 (05082707)	0.05928 (05082707)	0.04959 (05082707)
3757781.2	0.07625 (05082707)	0.06545 (05082707)	0.05474 (05082707)	0.04477 (05082707)	0.03972 (06081407)
3757751.2	0.06071 (05082707)	0.04954 (05082707)	0.04174 (06081407)	0.04106 (06081407)	0.03958 (06081407)
3757721.2	0.04393 (06081407)	0.04293 (06081407)	0.04105 (06081407)	0.03848 (06081407)	0.03546 (06081407)
3757691.2	0.04252 (06081407)	0.03944 (06081407)	0.03591 (06081407)	0.03276 (07112919)	0.02998 (07112919)
3757661.2	0.03917 (07112919)	0.03569 (07112919)	0.03209 (07112919)	0.02853 (07112919)	0.02755 (05071903)
3757631.2	0.03445 (05071903)	0.03431 (05071903)	0.03392 (05071903)	0.03331 (05071903)	0.03251 (05071903)
3757601.2	0.04091 (05071903)	0.03930 (05071903)	0.03757 (05071903)	0.03574 (05071903)	0.03412 (05091722)
3757571.2	0.04326 (05091722)	0.04110 (05091722)	0.03895 (05091722)	0.03682 (05091722)	0.03474 (05091722)
3757541.2	0.04283 (06090106)	0.04035 (06090106)	0.03800 (06090106)	0.03620 (07072605)	0.03453 (07072605)
3757511.2	0.04422 (06061524)	0.04187 (06061524)	0.03970 (06061524)	0.03769 (06061524)	0.03582 (06061524)

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3757481.2 |      0.04298 (06061524)      0.04031 (06061524)      0.03788 (06061524)      0.03566 (06061524)      0.03364 (06061524)
3757451.2 |      0.04691 (06112321)      0.04427 (06112321)      0.04187 (06112321)      0.03968 (06112321)      0.03767 (06112321)
3757421.2 |      0.04506 (06112321)      0.04285 (06112321)      0.04081 (06112321)      0.03893 (06112321)      0.03719 (06112321)
3757391.2 |      0.04557 (07031508)      0.04230 (07031508)      0.03931 (07031508)      0.03651 (07031508)      0.03386 (07031508)
3757361.2 |      0.05453 (07031508)      0.05198 (07031508)      0.04948 (07031508)      0.04693 (07031508)      0.04437 (07031508)
3757331.2 |      0.05567 (07031508)      0.05480 (07031508)      0.05369 (07031508)      0.05229 (07031508)      0.05066 (07031508)
3757301.2 |      0.04865 (07031508)      0.04970 (07031508)      0.05039 (07031508)      0.05066 (07031508)      0.05055 (07031508)
3757271.2 |      0.04213 (07081802)      0.03935 (07081802)      0.04107 (07031508)      0.04283 (07031508)      0.04422 (07031508)
3757241.2 |      0.03980 (07081201)      0.03873 (07081802)      0.03737 (07081802)      0.03557 (07081802)      0.03404 (07031508)
3757211.2 |      0.03979 (07082904)      0.03708 (07081201)      0.03548 (07081201)      0.03375 (07081802)      0.03309 (07081802)
3757181.2 |      0.03882 (07082904)      0.03759 (07082904)      0.03553 (07082904)      0.03286 (07082904)      0.03178 (07081201)
3757151.2 |      0.04370 (07091107)      0.03715 (07091107)      0.03446 (07082904)      0.03357 (07082904)      0.03197 (07082904)
3757121.2 |      0.05047 (07091107)      0.04570 (07091107)      0.03995 (07091107)      0.03384 (07091107)      0.03087 (07082904)
3757091.2 |      0.05235 (07091107)      0.05052 (07091107)      0.04692 (07091107)      0.04209 (07091107)      0.03659 (07091107)
3757061.2 |      0.04908 (07091107)      0.05052 (07091107)      0.04988 (07091107)      0.04742 (07091107)      0.04356 (07091107)
3757031.2 |      0.04186 (07091107)      0.04598 (07091107)      0.04829 (07091107)      0.04869 (07091107)      0.04730 (07091107)
3757001.2 |      0.03721 (06081607)      0.03832 (07091107)      0.04282 (07091107)      0.04579 (07091107)      0.04706 (07091107)
3756971.2 |      0.04374 (06081607)      0.03702 (06081607)      0.03496 (07091107)      0.03967 (07091107)      0.04314 (07091107)
3756941.2 |      0.04771 (06081607)      0.04303 (06081607)      0.03679 (06081607)      0.03180 (07091107)      0.03660 (07091107)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                                ***       10/26/10
                                  ***                                                                             ***       14:37:09
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**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                      **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373046.85              373076.85              373106.85              373136.85              373166.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756911.2 |      0.04856 (06081607)      0.04661 (06081607)      0.04232 (06081607)      0.03652 (06081607)      0.03007 (06081607)
3756881.2 |      0.04636 (06081607)      0.04728 (06081607)      0.04554 (06081607)      0.04162 (06081607)      0.03622 (06081607)
3756851.2 |      0.04170 (06081607)      0.04513 (06081607)      0.04606 (06081607)      0.04452 (06081607)      0.04092 (06081607)
3756821.2 |      0.04094 (07090807)      0.04072 (06081607)      0.04397 (06081607)      0.04490 (06081607)      0.04354 (06081607)
3756791.2 |      0.04922 (07090807)      0.03749 (07090807)      0.03978 (06081607)      0.04287 (06081607)      0.04381 (06081607)
3756761.2 |      0.05696 (07090807)      0.04533 (07090807)      0.03438 (07090807)      0.03889 (06081607)      0.04183 (06081607)
3756731.2 |      0.06361 (07090807)      0.05283 (07090807)      0.04177 (07090807)      0.03364 (06081607)      0.03804 (06081607)
3756701.2 |      0.06872 (07090807)      0.05950 (07090807)      0.04900 (07090807)      0.03852 (07090807)      0.03305 (06081607)
3756671.2 |      0.07201 (07090807)      0.06489 (07090807)      0.05560 (07090807)      0.04544 (07090807)      0.03555 (07090807)
3756641.2 |      0.07336 (07090807)      0.06871 (07090807)      0.06117 (07090807)      0.05191 (07090807)      0.04214 (07090807)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                                ***       10/26/10
                                  ***                                                                             ***       14:37:09
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**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF CO       IN PPM                                      **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      372149.67   3757202.57        0.10357  (07070106)              372200.97   3757196.42        0.10701  (07070106)
      372734.43   3757083.57        0.11045  (07090807)              372746.74   3757147.17        0.09163  (07090807)
      372767.26   3757192.31        0.06782  (05062305)              372894.46   3757118.45        0.05023  (07062901)
      372371.27   3757725.77        0.10148  (06090607)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                                ***       10/26/10
                                  ***                                                                             ***       14:37:09
                                                                                                                            PAGE  30

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                      **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       371696.85              371726.85              371756.85              371786.85              371816.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758111.2 |      0.00539 (06110908)      0.00538 (05010416)      0.00518 (05010416)      0.00524 (07080508)      0.00544 (06053008)
3758081.2 |      0.00581 (07090908)      0.00559 (06110908)      0.00555 (06110908)      0.00541 (07080508)      0.00562 (07080508)
3758051.2 |      0.00698 (07090908)      0.00633 (07090908)      0.00581 (06110908)      0.00580 (06110908)      0.00582 (07080508)
3758021.2 |      0.00802 (07090908)      0.00753 (07090908)      0.00690 (07090908)      0.00615 (07090908)      0.00607 (06110908)
3757991.2 |      0.00876 (07090908)      0.00855 (07090908)      0.00812 (07090908)      0.00751 (07090908)      0.00675 (07090908)
3757961.2 |      0.00908 (07090908)      0.00919 (07090908)      0.00908 (07090908)      0.00873 (07090908)      0.00817 (07090908)
3757931.2 |      0.00889 (07090908)      0.00934 (07090908)      0.00960 (07090908)      0.00961 (07090908)      0.00937 (07090908)
3757901.2 |      0.00824 (07090908)      0.00896 (07090908)      0.00956 (07090908)      0.00997 (07090908)      0.01013 (07090908)
3757871.2 |      0.00725 (07090908)      0.00813 (07090908)      0.00897 (07090908)      0.00971 (07090908)      0.01029 (07090908)
3757841.2 |      0.00660 (06090808)      0.00700 (07090908)      0.00796 (07090908)      0.00891 (07090908)      0.00980 (07090908)
3757811.2 |      0.00669 (06090808)      0.00709 (06090808)      0.00752 (06090808)      0.00797 (06090808)      0.00878 (07090908)
3757781.2 |      0.00667 (06090808)      0.00712 (06090808)      0.00759 (06090808)      0.00810 (06090808)      0.00864 (06090808)
3757751.2 |      0.00653 (06060508)      0.00701 (06090808)      0.00754 (06090808)      0.00810 (06090808)      0.00871 (06090808)
3757721.2 |      0.00716 (06060508)      0.00736 (06060508)      0.00753 (06060508)      0.00793 (06090808)      0.00859 (06090808)
3757691.2 |      0.00759 (06060508)      0.00792 (06060508)      0.00823 (06060508)      0.00853 (06060508)      0.00880 (06060508)
3757661.2 |      0.00786 (06060508)      0.00827 (06060508)      0.00870 (06060508)      0.00915 (06060508)      0.00959 (06060508)
3757631.2 |      0.00826 (06061708)      0.00859 (06041108)      0.00904 (06041108)      0.00955 (06060508)      0.01013 (06060508)
3757601.2 |      0.00908 (05122608)      0.00944 (05122608)      0.00981 (05122608)      0.01021 (05122608)      0.01070 (06061708)
3757571.2 |      0.01004 (05122608)      0.01052 (05122608)      0.01103 (05122608)      0.01158 (05122608)      0.01216 (05122608)
3757541.2 |      0.01077 (05122608)      0.01135 (05122608)      0.01198 (05122608)      0.01266 (05122608)      0.01340 (05122608)
3757511.2 |      0.01119 (05122608)      0.01183 (05122608)      0.01254 (05122608)      0.01331 (05122608)      0.01417 (05122608)
3757481.2 |      0.01124 (05122608)      0.01191 (05122608)      0.01264 (05122608)      0.01345 (05122608)      0.01435 (05122608)
3757451.2 |      0.01091 (05122608)      0.01155 (05122608)      0.01225 (05122608)      0.01303 (05122608)      0.01389 (05122608)
3757421.2 |      0.01021 (05122608)      0.01078 (05122608)      0.01141 (07011108)      0.01213 (07011108)      0.01294 (07011108)
3757391.2 |      0.01004 (07011708)      0.01065 (07011708)      0.01131 (07011708)      0.01205 (07011708)      0.01286 (07011708)
3757361.2 |      0.01016 (07011708)      0.01074 (07011708)      0.01138 (07011708)      0.01208 (07011708)      0.01285 (07011708)
3757331.2 |      0.00999 (07011708)      0.01052 (07011708)      0.01110 (07011708)      0.01173 (07011708)      0.01241 (07011708)
3757301.2 |      0.00957 (07011708)      0.01010 (05083108)      0.01076 (05083108)      0.01145 (05083108)      0.01219 (05083108)
3757271.2 |      0.00970 (05083108)      0.01022 (05083108)      0.01076 (05083108)      0.01132 (05083108)      0.01213 (06103008)
3757241.2 |      0.00954 (05083108)      0.01017 (06103008)      0.01082 (06103008)      0.01151 (06103008)      0.01221 (06103008)
3757211.2 |      0.00969 (06103008)      0.01022 (06103008)      0.01074 (06103008)      0.01135 (07031308)      0.01218 (07031308)
3757181.2 |      0.00954 (07031308)      0.01020 (07031308)      0.01083 (07031308)      0.01178 (06122008)      0.01291 (06122008)
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3757151.2 |      0.00968 (07031308)      0.01056 (06122008)      0.01149 (06122008)      0.01245 (06122008)      0.01340 (06122008)
3757121.2 |      0.01032 (06122008)      0.01110 (06122008)      0.01189 (06122008)      0.01264 (06122008)      0.01335 (06122008)
3757091.2 |      0.01064 (06122008)      0.01127 (06122008)      0.01185 (06122008)      0.01237 (06122008)      0.01279 (06122008)
3757061.2 |      0.01062 (06122008)      0.01106 (06122008)      0.01142 (06122008)      0.01212 (06110508)      0.01269 (06110508)
3757031.2 |      0.01029 (06110508)      0.01093 (06110508)      0.01146 (06110508)      0.01184 (06110508)      0.01212 (06053108)
3757001.2 |      0.01042 (06110508)      0.01079 (06110508)      0.01101 (06110508)      0.01192 (06053108)      0.01340 (06053108)
3756971.2 |      0.01011 (06110508)      0.01036 (06053108)      0.01168 (06053108)      0.01298 (06053108)      0.01418 (06053108)
3756941.2 |      0.01024 (06053108)      0.01142 (06053108)      0.01255 (06053108)      0.01355 (06053108)      0.01434 (06053108)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                                ***       10/26/10
                                  ***                                                                             ***       14:37:09
                                                                                                                            PAGE  31

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |      371696.85              371726.85              371756.85              371786.85              371816.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756911.2 |      0.01113 (06053108)      0.01211 (06053108)      0.01295 (06053108)      0.01357 (06053108)      0.01388 (06053108)
3756881.2 |      0.01167 (06053108)      0.01237 (06053108)      0.01285 (06053108)      0.01304 (06053108)      0.01289 (06053108)
3756851.2 |      0.01181 (06053108)      0.01217 (06053108)      0.01227 (06053108)      0.01205 (06053108)      0.01178 (07070108)
3756821.2 |      0.01153 (06053108)      0.01155 (06053108)      0.01128 (06053108)      0.01129 (07070108)      0.01132 (07070108)
3756791.2 |      0.01089 (06053108)      0.01061 (07070108)      0.01083 (07070108)      0.01083 (07070108)      0.01059 (07070108)
3756761.2 |      0.01024 (07070108)      0.01041 (07070108)      0.01039 (07070108)      0.01014 (07070108)      0.00965 (07070108)
3756731.2 |      0.01002 (07070108)      0.00997 (07070108)      0.00972 (07070108)      0.00926 (07070108)      0.00874 (05122908)
3756701.2 |      0.00959 (07070108)      0.00933 (07070108)      0.00889 (07070108)      0.00826 (07070108)      0.00840 (05122908)
3756671.2 |      0.00897 (07070108)      0.00855 (07070108)      0.00795 (07070108)      0.00793 (05122908)      0.00798 (05122908)
3756641.2 |      0.00823 (07070108)      0.00767 (07070108)      0.00750 (05122908)      0.00756 (05122908)      0.00749 (05122908)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                                ***       10/26/10
                                  ***                                                                             ***       14:37:09
                                                                                                                            PAGE  32

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |      371846.85              371876.85              371906.85              371936.85              371966.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758111.2 |      0.00646 (06090408)      0.00754 (06090408)      0.00845 (06090408)      0.00904 (06090408)      0.00917 (06090408)
3758081.2 |      0.00582 (07080508)      0.00683 (06090408)      0.00795 (06090408)      0.00887 (06090408)      0.00941 (06090408)
3758051.2 |      0.00606 (07080508)      0.00628 (07080508)      0.00723 (06090408)      0.00840 (06090408)      0.00932 (06090408)
3758021.2 |      0.00629 (07080508)      0.00656 (07080508)      0.00681 (07080508)      0.00768 (06090408)      0.00888 (06090408)
3757991.2 |      0.00648 (07080508)      0.00682 (07080508)      0.00713 (07080508)      0.00741 (07080508)      0.00817 (06090408)
3757961.2 |      0.00742 (07090908)      0.00704 (07080508)      0.00742 (07080508)      0.00779 (07080508)      0.00811 (07080508)
3757931.2 |      0.00887 (07090908)      0.00815 (07090908)      0.00767 (07080508)      0.00812 (07080508)      0.00855 (07080508)
3757901.2 |      0.01002 (07090908)      0.00962 (07090908)      0.00895 (07090908)      0.00839 (07080508)      0.00893 (07080508)
3757871.2 |      0.01063 (07090908)      0.01068 (07090908)      0.01041 (07090908)      0.00982 (07090908)      0.00922 (07080508)
3757841.2 |      0.01056 (07090908)      0.01109 (07090908)      0.01134 (07090908)      0.01123 (07090908)      0.01077 (07090908)
3757811.2 |      0.00981 (07090908)      0.01075 (07090908)      0.01150 (07090908)      0.01197 (07090908)      0.01208 (07090908)
3757781.2 |      0.00922 (06090808)      0.00983 (06090808)      0.01087 (07090908)      0.01185 (07090908)      0.01258 (07090908)
3757751.2 |      0.00936 (06090808)      0.01006 (06090808)      0.01081 (06090808)      0.01161 (06090808)      0.01244 (06090808)
3757721.2 |      0.00931 (06090808)      0.01010 (06090808)      0.01096 (06090808)      0.01189 (06090808)      0.01289 (06090808)
3757691.2 |      0.00904 (06060508)      0.00988 (06090808)      0.01083 (06090808)      0.01188 (06090808)      0.01303 (06090808)
3757661.2 |      0.01003 (06060508)      0.01046 (06060508)      0.01086 (06060508)      0.01151 (06090808)      0.01278 (06090808)
3757631.2 |      0.01074 (06060508)      0.01138 (06060508)      0.01203 (06060508)      0.01269 (06060508)      0.01335 (06060508)
3757601.2 |      0.01123 (06061708)      0.01200 (06060508)      0.01286 (06060508)      0.01377 (06060508)      0.01475 (06060508)
3757571.2 |      0.01279 (05122608)      0.01345 (05122608)      0.01417 (05122608)      0.01493 (05122608)      0.01575 (05122608)
3757541.2 |      0.01421 (05122608)      0.01509 (05122608)      0.01606 (05122608)      0.01712 (05122608)      0.01830 (05122608)
3757511.2 |      0.01511 (05122608)      0.01615 (05122608)      0.01731 (05122608)      0.01861 (05122608)      0.02006 (05122608)
3757481.2 |      0.01534 (05122608)      0.01645 (05122608)      0.01769 (05122608)      0.01909 (05122608)      0.02068 (05122608)
3757451.2 |      0.01484 (05122608)      0.01591 (05122608)      0.01710 (05122608)      0.01845 (05122608)      0.01997 (05122608)
3757421.2 |      0.01383 (07011108)      0.01482 (07011108)      0.01593 (07011108)      0.01719 (07011108)      0.01860 (07011108)
3757391.2 |      0.01376 (07011708)      0.01477 (07011708)      0.01590 (07011708)      0.01716 (07011708)      0.01860 (07011708)
3757361.2 |      0.01369 (07011708)      0.01463 (07011708)      0.01566 (07011708)      0.01681 (07011708)      0.01808 (07011708)
3757331.2 |      0.01315 (07011708)      0.01395 (07011708)      0.01493 (05083108)      0.01609 (05083108)      0.01747 (06032008)
3757301.2 |      0.01297 (05083108)      0.01378 (05083108)      0.01484 (06103008)      0.01623 (07022008)      0.01775 (07022008)
3757271.2 |      0.01304 (06103008)      0.01401 (07022008)      0.01514 (07022008)      0.01635 (07022008)      0.01763 (07022008)
3757241.2 |      0.01304 (07022008)      0.01394 (07022008)      0.01504 (06122008)      0.01681 (06122008)      0.01867 (06122008)
3757211.2 |      0.01325 (06122008)      0.01465 (06122008)      0.01611 (06122008)      0.01759 (06122008)      0.01905 (06122008)
3757181.2 |      0.01408 (06122008)      0.01526 (06122008)      0.01641 (06122008)      0.01747 (06122008)      0.01840 (06122008)
3757151.2 |      0.01432 (06122008)      0.01518 (06122008)      0.01593 (06122008)      0.01652 (06122008)      0.01743 (06110508)
3757121.2 |      0.01397 (06122008)      0.01446 (06122008)      0.01528 (06110508)      0.01595 (06110508)      0.01736 (06053108)
3757091.2 |      0.01355 (06110508)      0.01416 (06110508)      0.01456 (06110508)      0.01674 (06053108)      0.01887 (06053108)
3757061.2 |      0.01308 (06110508)      0.01418 (06053108)      0.01610 (06053108)      0.01787 (06053108)      0.01928 (06053108)
3757031.2 |      0.01380 (06053108)      0.01545 (06053108)      0.01692 (06053108)      0.01802 (06053108)      0.01857 (06053108)
3757001.2 |      0.01481 (06053108)      0.01601 (06053108)      0.01686 (06053108)      0.01719 (06053108)      0.01691 (06053108)
3756971.2 |      0.01515 (06053108)      0.01578 (06053108)      0.01595 (06053108)      0.01557 (06053108)      0.01462 (06053108)
3756941.2 |      0.01479 (06053108)      0.01483 (06053108)      0.01438 (06053108)      0.01379 (07070108)      0.01361 (07070108)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                                ***       10/26/10
                                  ***                                                                             ***       14:37:09
                                                                                                                            PAGE  33

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |      371846.85              371876.85              371906.85              371936.85              371966.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756911.2 |      0.01381 (06053108)      0.01331 (06053108)      0.01308 (07070108)      0.01288 (07070108)      0.01281 (05122908)
3756881.2 |      0.01236 (06053108)      0.01244 (07070108)      0.01222 (07070108)      0.01185 (05122908)      0.01228 (05122908)
3756851.2 |      0.01185 (07070108)      0.01163 (07070108)      0.01107 (07070108)      0.01141 (05122908)      0.01157 (05122908)
3756821.2 |      0.01109 (07070108)      0.01056 (07070108)      0.01063 (05122908)      0.01080 (05122908)      0.01072 (05122908)
3756791.2 |      0.01009 (07070108)      0.00993 (05122908)      0.01011 (05122908)      0.01007 (05122908)      0.00998 (07121308)
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Site #14 – Localized CO Concentrations

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3756761.2 |      0.00931 (05122908)      0.00948 (05122908)      0.00947 (05122908)      0.00927 (05122908)      0.00989 (07121308)
3756731.2 |      0.00891 (05122908)      0.00893 (05122908)      0.00877 (05122908)      0.00915 (07121308)      0.00972 (05112808)
3756701.2 |      0.00843 (05122908)      0.00831 (05122908)      0.00848 (07121308)      0.00903 (07121308)      0.00953 (05112808)
3756671.2 |      0.00789 (05122908)      0.00788 (07121308)      0.00841 (07121308)      0.00888 (05112808)      0.00927 (05112808)
3756641.2 |      0.00733 (07121308)      0.00784 (07121308)      0.00827 (05112808)      0.00868 (05112808)      0.00895 (05112808)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                          ***       10/26/10
                                  ***                                                                       ***       14:37:09
                                                                                                                      PAGE  34

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                      **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       371996.85             372026.85             372056.85             372086.85             372116.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758111.2 |      0.00882 (06090408)      0.00806 (06090408)      0.00706 (06090408)      0.00736 (06042608)      0.00779 (06042608)
3758081.2 |      0.00946 (06090408)      0.00900 (06090408)      0.00814 (06090408)      0.00712 (06090408)      0.00788 (06042608)
3758051.2 |      0.00981 (06090408)      0.00976 (06090408)      0.00919 (06090408)      0.00825 (06090408)      0.00777 (06042608)
3758021.2 |      0.00980 (06090408)      0.01023 (06090408)      0.01008 (06090408)      0.00940 (06090408)      0.00842 (06090408)
3757991.2 |      0.00942 (06090408)      0.01032 (06090408)      0.01068 (06090408)      0.01041 (06090408)      0.00964 (06090408)
3757961.2 |      0.00873 (06090408)      0.01001 (06090408)      0.01089 (06090408)      0.01116 (06090408)      0.01079 (06090408)
3757931.2 |      0.00892 (07080508)      0.00935 (06090408)      0.01067 (06090408)      0.01152 (06090408)      0.01170 (06090408)
3757901.2 |      0.00944 (07080508)      0.00987 (07080508)      0.01018 (07080508)      0.01141 (06090408)      0.01222 (06090408)
3757871.2 |      0.00987 (07080508)      0.01048 (07080508)      0.01101 (07080508)      0.01137 (07080508)      0.01225 (06090408)
3757841.2 |      0.01019 (07080508)      0.01098 (07080508)      0.01173 (07080508)      0.01236 (07080508)      0.01279 (07080508)
3757811.2 |      0.01178 (07090908)      0.01157 (06090808)      0.01229 (07080508)      0.01322 (07080508)      0.01400 (07080508)
3757781.2 |      0.01294 (07090908)      0.01289 (06090808)      0.01327 (06090808)      0.01386 (07080508)      0.01503 (07080508)
3757751.2 |      0.01327 (06090808)      0.01408 (06090808)      0.01481 (06090808)      0.01538 (06090808)      0.01576 (07080508)
3757721.2 |      0.01395 (06090808)      0.01505 (06090808)      0.01614 (06090808)      0.01716 (06090808)      0.01801 (06090808)
3757691.2 |      0.01429 (06090808)      0.01566 (06090808)      0.01711 (06090808)      0.01861 (06090808)      0.02006 (06090808)
3757661.2 |      0.01420 (06090808)      0.01580 (06090808)      0.01757 (06090808)      0.01950 (06090808)      0.02156 (06090808)
3757631.2 |      0.01398 (06060508)      0.01532 (06090808)      0.01732 (06090808)      0.01961 (06090808)      0.02219 (06090808)
3757601.2 |      0.01579 (06060508)      0.01686 (06060508)      0.01795 (06060508)      0.01903 (06060508)      0.02168 (06090808)
3757571.2 |      0.01706 (06060508)      0.01856 (06060508)      0.02019 (06060508)      0.02198 (06060508)      0.02389 (06060508)
3757541.2 |      0.01959 (05122608)      0.02103 (05122608)      0.02263 (05122608)      0.02442 (05122608)      0.02660 (06060508)
3757511.2 |      0.02171 (05122608)      0.02357 (05122608)      0.02569 (05122608)      0.02814 (05122608)      0.03097 (05122608)
3757481.2 |      0.02249 (05122608)      0.02456 (05122608)      0.02696 (05122608)      0.02976 (05122608)      0.03306 (05122608)
3757451.2 |      0.02171 (05122608)      0.02371 (05122608)      0.02603 (05122608)      0.02874 (05122608)      0.03194 (05122608)
3757421.2 |      0.02021 (07011108)      0.02206 (07011108)      0.02418 (07011108)      0.02677 (07011708)      0.02993 (07011708)
3757391.2 |      0.02023 (07011708)      0.02208 (07011708)      0.02422 (07011708)      0.02668 (07011708)      0.02953 (07011708)
3757361.2 |      0.01951 (07011708)      0.02110 (07011708)      0.02306 (06032008)      0.02554 (06032008)      0.02866 (07022008)
3757331.2 |      0.01898 (06032008)      0.02104 (07022008)      0.02340 (07022008)      0.02603 (07022008)      0.02891 (07022008)
3757301.2 |      0.01942 (07022008)      0.02123 (07022008)      0.02316 (07022008)      0.02644 (06122008)      0.02994 (06122008)
3757271.2 |      0.01955 (06122008)      0.02199 (06122008)      0.02454 (06122008)      0.02708 (06122008)      0.02949 (06122008)
3757241.2 |      0.02059 (06122008)      0.02248 (06122008)      0.02425 (06122008)      0.02578 (06122008)      0.02723 (06022308)
3757211.2 |      0.02040 (06122008)      0.02158 (06122008)      0.02247 (06122008)      0.02438 (06022308)      0.02746 (06053108)
3757181.2 |      0.01912 (06122008)      0.02018 (06110508)      0.02208 (06053108)      0.02552 (06053108)      0.02838 (06053108)
3757151.2 |      0.01837 (06022308)      0.02097 (06053108)      0.02376 (06053108)      0.02592 (06053108)      0.02699 (06053108)
3757121.2 |      0.01990 (06053108)      0.02215 (06053108)      0.02375 (06053108)      0.02437 (06053108)      0.02376 (06053108)
3757091.2 |      0.02066 (06053108)      0.02183 (06053108)      0.02211 (06053108)      0.02135 (06053108)      0.02111 (05122908)
3757061.2 |      0.02011 (06053108)      0.02015 (06053108)      0.01928 (06053108)      0.01895 (05122908)      0.02022 (05122908)
3757031.2 |      0.01842 (06053108)      0.01751 (06053108)      0.01714 (05122908)      0.01826 (05122908)      0.01882 (05122908)
3757001.2 |      0.01597 (06053108)      0.01559 (05122908)      0.01659 (05122908)      0.01712 (05122908)      0.01708 (05122908)
3756971.2 |      0.01442 (07070108)      0.01515 (05122908)      0.01566 (05122908)      0.01569 (05122908)      0.01624 (07121308)
3756941.2 |      0.01390 (05122908)      0.01438 (05122908)      0.01447 (05122908)      0.01461 (07121308)      0.01579 (05112808)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                          ***       10/26/10
                                  ***                                                                       ***       14:37:09
                                                                                                                      PAGE  35

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                      **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       371996.85             372026.85             372056.85             372086.85             372116.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756911.2 |      0.01327 (05122908)      0.01338 (05122908)      0.01319 (07121308)      0.01430 (07121308)      0.01522 (05112808)
3756881.2 |      0.01242 (05122908)      0.01224 (05122908)      0.01301 (07121308)      0.01390 (05112808)      0.01449 (05112808)
3756851.2 |      0.01144 (05122908)      0.01187 (07121308)      0.01271 (05112808)      0.01336 (05112808)      0.01366 (05112808)
3756821.2 |      0.01087 (07121308)      0.01164 (05112808)      0.01233 (05112808)      0.01272 (05112808)      0.01276 (05112808)
3756791.2 |      0.01072 (07121308)      0.01138 (05112808)      0.01184 (05112808)      0.01200 (05112808)      0.01182 (05112808)
3756761.2 |      0.01051 (05112808)      0.01101 (05112808)      0.01127 (05112808)      0.01123 (05112808)      0.01089 (05112808)
3756731.2 |      0.01024 (05112808)      0.01056 (05112808)      0.01064 (05112808)      0.01044 (05112808)      0.00997 (05112808)
3756701.2 |      0.00990 (05112808)      0.01005 (05112808)      0.00998 (05112808)      0.00965 (05112808)      0.00924 (06021608)
3756671.2 |      0.00949 (05112808)      0.00951 (05112808)      0.00930 (05112808)      0.00888 (05112808)      0.00876 (06021608)
3756641.2 |      0.00904 (05112808)      0.00893 (05112808)      0.00863 (05112808)      0.00830 (06021608)      0.00832 (06011008)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                          ***       10/26/10
                                  ***                                                                       ***       14:37:09
                                                                                                                      PAGE  36

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                      **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372146.85             372176.85             372206.85             372236.85             372266.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758111.2 |      0.00829 (06090608)      0.00972 (06090608)      0.01052 (06090608)      0.01042 (06090608)      0.01020 (06090508)
3758081.2 |      0.00805 (06042608)      0.00947 (06090608)      0.01064 (06090608)      0.01100 (06090508)      0.01101 (06090508)
3758051.2 |      0.00833 (06042608)      0.00914 (06090508)      0.01061 (06090608)      0.01152 (06090508)      0.01182 (06090508)
3758021.2 |      0.00840 (06042608)      0.00891 (06090508)      0.01064 (06090508)      0.01195 (06090508)      0.01261 (06090508)
3757991.2 |      0.00867 (06090408)      0.00898 (06042608)      0.01057 (06090508)      0.01227 (06090508)      0.01335 (06090508)
3757961.2 |      0.00997 (06090408)      0.00913 (05011008)      0.01036 (06090508)      0.01245 (06090508)      0.01401 (06090508)
3757931.2 |      0.01124 (06090408)      0.01042 (06090408)      0.01003 (06090508)      0.01247 (06090508)      0.01455 (06090508)
3757901.2 |      0.01232 (06090408)      0.01181 (06090408)      0.01106 (06090408)      0.01233 (06090508)      0.01493 (06090508)
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3757871.2 |      0.01302 (06090408)      0.01307 (06090408)      0.01257 (06090408)      0.01221 (05011008)      0.01512 (06090508)
3757841.2 |      0.01322 (06090408)      0.01397 (06090408)      0.01401 (06090408)      0.01365 (06090408)      0.01509 (06090508)
3757811.2 |      0.01453 (07080508)      0.01465 (07080508)      0.01517 (06090408)      0.01531 (06090408)      0.01559 (05030408)
3757781.2 |      0.01602 (07080508)      0.01666 (07080508)      0.01679 (07080508)      0.01707 (05082508)      0.01752 (05030408)
3757751.2 |      0.01726 (07080508)      0.01852 (07080508)      0.01934 (07080508)      0.01946 (07080508)      0.01959 (05030408)
3757721.2 |      0.01857 (06090808)      0.02004 (07080508)      0.02170 (07080508)      0.02276 (07080508)      0.02288 (07080508)
3757691.2 |      0.02135 (06090808)      0.02230 (06090808)      0.02357 (07080508)      0.02583 (07080508)      0.02726 (07080508)
3757661.2 |      0.02365 (06090808)      0.02561 (06090808)      0.02726 (06090808)      0.02827 (06090808)      0.03133 (07080508)
3757631.2 |      0.02504 (06090808)      0.02809 (06090808)      0.03116 (06090808)      0.03394 (06090808)      0.03599 (06090808)
3757601.2 |      0.02511 (06090808)      0.02908 (06090808)      0.03354 (06090808)      0.03831 (06090808)      0.04303 (06090808)
3757571.2 |      0.02592 (06060508)      0.02807 (06090808)      0.03352 (06090808)      0.04002 (06090808)      0.04750 (06090808)
3757541.2 |      0.02964 (06060508)      0.03312 (06060508)      0.03707 (06060508)      0.04158 (06060508)      0.04745 (06090808)
3757511.2 |      0.03428 (05122608)      0.03819 (05122608)      0.04289 (05122608)      0.04861 (05122608)      0.05605 (06060508)
3757481.2 |      0.03698 (05122608)      0.04172 (05122608)      0.04753 (05122608)      0.05479 (05122608)      0.06408 (05122608)
3757451.2 |      0.03577 (05122608)      0.04041 (05122608)      0.04613 (05122608)      0.05332 (05122608)      0.06261 (05122608)
3757421.2 |      0.03371 (07011708)      0.03828 (07011708)      0.04388 (07011708)      0.05081 (07011708)      0.05951 (07011708)
3757391.2 |      0.03285 (07011708)      0.03674 (07011708)      0.04199 (07022008)      0.04951 (07022008)      0.05851 (07022008)
3757361.2 |      0.03262 (07022008)      0.03714 (07022008)      0.04224 (07022008)      0.04956 (06122008)      0.05803 (06122008)
3757331.2 |      0.03263 (06122008)      0.03769 (06122008)      0.04297 (06122008)      0.04813 (06122008)      0.05393 (06022308)
3757301.2 |      0.03351 (06122008)      0.03692 (06122008)      0.03986 (06122008)      0.04503 (06022308)      0.05052 (06053108)
3757271.2 |      0.03155 (06122008)      0.03446 (06022308)      0.03834 (06053108)      0.04356 (06053108)      0.04637 (06053108)
3757241.2 |      0.03010 (06022308)      0.03448 (06053108)      0.03813 (06053108)      0.03961 (06053108)      0.04202 (05122908)
3757211.2 |      0.03121 (06053108)      0.03373 (06053108)      0.03434 (06053108)      0.03566 (05122908)      0.03828 (05122908)
3757181.2 |      0.03008 (06053108)      0.03012 (06053108)      0.03074 (05122908)      0.03296 (05122908)      0.03401 (07121308)
3757151.2 |      0.02665 (06053108)      0.02684 (05122908)      0.02875 (05122908)      0.02926 (05122908)      0.03208 (07121308)
3757121.2 |      0.02370 (05122908)      0.02535 (05122908)      0.02591 (05122908)      0.02767 (07121308)      0.02956 (05112808)
3757091.2 |      0.02255 (05122908)      0.02313 (05122908)      0.02405 (07121308)      0.02601 (05112808)      0.02683 (05112808)
3757061.2 |      0.02080 (05122908)      0.02106 (07121308)      0.02296 (05112808)      0.02409 (05112808)      0.02399 (05112808)
3757031.2 |      0.01868 (05122908)      0.02035 (07121308)      0.02163 (05112808)      0.02197 (05112808)      0.02121 (05112808)
3757001.2 |      0.01814 (07121308)      0.01944 (05112808)      0.02007 (05112808)      0.01980 (05112808)      0.01858 (05112808)
3756971.2 |      0.01750 (05112808)      0.01830 (05112808)      0.01839 (05112808)      0.01767 (05112808)      0.01698 (06021608)
3756941.2 |      0.01668 (05112808)      0.01702 (05112808)      0.01668 (05112808)      0.01568 (06021608)      0.01550 (06021608)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                                  ***       10/26/10
                                  ***                                                                               ***       14:37:09
                                                                                                                              PAGE  37

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372146.85              372176.85              372206.85              372236.85              372266.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756911.2 |      0.01571 (05112808)      0.01566 (05112808)      0.01501 (05112808)      0.01450 (06021608)      0.01419 (06011008)
3756881.2 |      0.01464 (05112808)      0.01428 (05112808)      0.01349 (06021608)      0.01337 (06021608)      0.01319 (06010924)
3756851.2 |      0.01352 (05112808)      0.01294 (05112808)      0.01258 (06021608)      0.01238 (06011008)      0.01245 (06010924)
3756821.2 |      0.01240 (05112808)      0.01176 (06021608)      0.01168 (06021608)      0.01147 (06011008)      0.01173 (06010924)
3756791.2 |      0.01130 (05112808)      0.01104 (06021608)      0.01092 (06011008)      0.01081 (06010924)      0.01104 (06010924)
3756761.2 |      0.01038 (06021608)      0.01034 (06011008)      0.01020 (06011008)      0.01027 (06010924)      0.01039 (06010924)
3756731.2 |      0.00979 (06021608)      0.00973 (06011008)      0.00950 (06011008)      0.00975 (06010924)      0.00977 (06010924)
3756701.2 |      0.00924 (06011008)      0.00915 (06011008)      0.00907 (06010924)      0.00924 (06010924)      0.00919 (06010924)
3756671.2 |      0.00875 (06011008)      0.00858 (06011008)      0.00866 (06010924)      0.00875 (06010924)      0.00865 (06010924)
3756641.2 |      0.00826 (06011008)      0.00807 (06010924)      0.00826 (06010924)      0.00829 (06010924)      0.00814 (06010924)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                                  ***       10/26/10
                                  ***                                                                               ***       14:37:09
                                                                                                                              PAGE  38

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372296.85              372326.85              372356.85              372386.85              372416.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758111.2 |      0.00961 (06090508)      0.00882 (06090508)      0.00845 (07020524)      0.00878 (07020524)      0.00899 (05101424)
3758081.2 |      0.01052 (06090508)      0.00973 (06090508)      0.00898 (07020524)      0.00937 (07020524)      0.00961 (05101424)
3758051.2 |      0.01150 (06090508)      0.01075 (06090508)      0.00976 (06090508)      0.01003 (07020524)      0.01030 (05101424)
3758021.2 |      0.01254 (06090508)      0.01189 (06090508)      0.01086 (06090508)      0.01077 (07020524)      0.01108 (05101424)
3757991.2 |      0.01363 (06090508)      0.01315 (06090508)      0.01213 (06090508)      0.01160 (07020524)      0.01196 (05101424)
3757961.2 |      0.01472 (06090508)      0.01452 (06090508)      0.01359 (06090508)      0.01256 (07020524)      0.01297 (05071408)
3757931.2 |      0.01580 (06090508)      0.01601 (06090508)      0.01525 (06090508)      0.01382 (06090508)      0.01414 (05071408)
3757901.2 |      0.01682 (06090508)      0.01757 (06090508)      0.01713 (06090508)      0.01573 (06090508)      0.01547 (05071408)
3757871.2 |      0.01772 (06090508)      0.01919 (06090508)      0.01923 (06090508)      0.01797 (06090508)      0.01702 (07020524)
3757841.2 |      0.01845 (06090508)      0.02079 (06090508)      0.02154 (06090508)      0.02062 (06090508)      0.01896 (07020524)
3757811.2 |      0.01895 (06090508)      0.02232 (06090508)      0.02404 (06090508)      0.02370 (06090508)      0.02159 (06090508)
3757781.2 |      0.01919 (06090508)      0.02370 (06090508)      0.02668 (06090508)      0.02726 (06090508)      0.02544 (06090508)
3757751.2 |      0.02085 (05030408)      0.02482 (06090508)      0.02937 (06090508)      0.03134 (06090508)      0.03017 (06090508)
3757721.2 |      0.02373 (05030408)      0.02563 (06090508)      0.03202 (06090508)      0.03592 (06090508)      0.03597 (06090508)
3757691.2 |      0.02737 (07080508)      0.02947 (05030408)      0.03452 (06090508)      0.04099 (06090508)      0.04308 (06090508)
3757661.2 |      0.03334 (07080508)      0.03393 (05030408)      0.03776 (05030408)      0.04658 (06090508)      0.05185 (06090508)
3757631.2 |      0.03898 (07080508)      0.04208 (07080508)      0.04485 (05030408)      0.05282 (06090508)      0.06280 (06090508)
3757601.2 |      0.04707 (06090808)      0.05022 (07080508)      0.05527 (07080508)      0.06230 (05030408)      0.07697 (06090508)
3757571.2 |      0.05559 (06090808)      0.06349 (06090808)      0.06993 (06090808)      0.07600 (05061508)      0.09180 (05030408)
3757541.2 |      0.05915 (06090808)      0.07316 (06090808)      0.08888 (06090808)      0.10482 (06090808)      0.00000 (00000000)
3757511.2 |      0.06656 (06060508)      0.08010 (06060508)      0.09835 (06090808)      0.09232 (06090808)      0.00000 (00000000)
3757481.2 |      0.07634 (05122608)      0.09323 (05122608)      0.11792 (05122608)      0.00000 (00000000)      0.00000 (00000000)
3757451.2 |      0.07499 (05122608)      0.09224 (05122608)      0.11779 (05122608)      0.00000 (00000000)      0.00000 (00000000)
3757421.2 |      0.07059 (07011708)      0.08734 (07022008)      0.11179 (05120708)      0.00000 (00000000)      0.00000 (00000000)
3757391.2 |      0.06992 (05120708)      0.08507 (06122008)      0.10392 (06110508)      0.12725 (07011008)      0.00000 (00000000)
3757361.2 |      0.06666 (06122008)      0.07812 (06022308)      0.09095 (07011008)      0.10707 (05122908)      0.12212 (07121308)
3757331.2 |      0.06140 (06022308)      0.06911 (07011008)      0.07954 (05122908)      0.08947 (07121308)      0.09639 (07121308)
3757301.2 |      0.05546 (06053108)      0.06227 (05122908)      0.06804 (07121308)      0.07577 (07121308)      0.07443 (07121308)
3757271.2 |      0.05050 (05122908)      0.05438 (05122908)      0.06062 (07121308)      0.06233 (07121308)      0.05713 (06010924)
3757241.2 |      0.04517 (05122908)      0.04928 (07121308)      0.05232 (07121308)      0.05035 (07121308)      0.04833 (06010924)
3757211.2 |      0.04066 (07121308)      0.04414 (07121308)      0.04417 (07121308)      0.04067 (06021608)      0.04113 (06010924)
3757181.2 |      0.03749 (07121308)      0.03861 (07121308)      0.03678 (07121308)      0.03560 (06010924)      0.03523 (06010924)
3757151.2 |      0.03374 (07121308)      0.03321 (07121308)      0.03107 (06021608)      0.03144 (06010924)      0.03038 (06010924)
3757121.2 |      0.02983 (07121308)      0.02826 (07121308)      0.02735 (06010924)      0.02782 (06010924)      0.02637 (06010924)
3757091.2 |      0.02606 (05112808)      0.02471 (06021608)      0.02479 (06010924)      0.02469 (06010924)      0.02315 (07081508)
3757061.2 |      0.02253 (05112808)      0.02192 (06021608)      0.02246 (06010924)      0.02198 (06010924)      0.02136 (07081508)
3757031.2 |      0.02025 (06021608)      0.02006 (06010924)      0.02037 (06010924)      0.01964 (06010924)      0.01982 (07081508)
3757001.2 |      0.01825 (06021608)      0.01850 (06010924)      0.01849 (06010924)      0.01760 (06010924)      0.01847 (07081508)
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3756971.2 |      0.01658 (06010924)      0.01705 (06010924)      0.01681 (06010924)      0.01584 (06010924)      0.01728 (07081508)
3756941.2 |      0.01551 (06010924)      0.01572 (06010924)      0.01531 (06010924)      0.01430 (06010924)      0.01622 (07081508)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                                ***       10/26/10
                                  ***                                                                             ***       14:37:09
                                                                                                                            PAGE  39
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372296.85              372326.85              372356.85              372386.85              372416.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756911.2 |      0.01448 (06010924)      0.01450 (06010924)      0.01398 (06010924)      0.01296 (06010924)      0.01528 (07081508)
3756881.2 |      0.01351 (06010924)      0.01338 (06010924)      0.01278 (06010924)      0.01207 (07081508)      0.01442 (07081508)
3756851.2 |      0.01260 (06010924)      0.01236 (06010924)      0.01172 (06010924)      0.01153 (07081508)      0.01365 (07081508)
3756821.2 |      0.01175 (06010924)      0.01143 (06010924)      0.01076 (06010924)      0.01103 (07081508)      0.01295 (07081508)
3756791.2 |      0.01096 (06010924)      0.01058 (06010924)      0.00991 (06012408)      0.01057 (07081508)      0.01231 (07081508)
3756761.2 |      0.01023 (06010924)      0.00981 (06010924)      0.00930 (06012408)      0.01014 (07081508)      0.01172 (07081508)
3756731.2 |      0.00956 (06010924)      0.00911 (06010924)      0.00874 (06012408)      0.00974 (07081508)      0.01117 (07081508)
3756701.2 |      0.00893 (06010924)      0.00847 (06010924)      0.00822 (06012408)      0.00936 (07081508)      0.01067 (07081508)
3756671.2 |      0.00836 (06010924)      0.00791 (06012408)      0.00775 (06012408)      0.00901 (07081508)      0.01021 (07081508)
3756641.2 |      0.00783 (06010924)      0.00750 (06012408)      0.00739 (07081508)      0.00868 (07081508)      0.00978 (07081508)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                                ***       10/26/10
                                  ***                                                                             ***       14:37:09
                                                                                                                            PAGE  40
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372446.85              372476.85              372506.85              372536.85              372566.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758111.2 |      0.00945 (05101424)      0.00961 (06082908)      0.01053 (06082908)      0.01165 (07083108)      0.01230 (07083108)
3758081.2 |      0.01011 (05101424)      0.01028 (05101424)      0.01123 (06082908)      0.01251 (07083108)      0.01314 (07083108)
3758051.2 |      0.01086 (05101424)      0.01104 (05101424)      0.01213 (07083108)      0.01347 (07083108)      0.01405 (07083108)
3758021.2 |      0.01170 (05101424)      0.01190 (05101424)      0.01316 (07083108)      0.01456 (07083108)      0.01507 (07083108)
3757991.2 |      0.01266 (05101424)      0.01288 (05101424)      0.01434 (07083108)      0.01578 (07083108)      0.01619 (07083108)
3757961.2 |      0.01376 (05101424)      0.01399 (05101424)      0.01569 (07083108)      0.01717 (07083108)      0.01744 (07083108)
3757931.2 |      0.01503 (05101424)      0.01528 (05101424)      0.01725 (07083108)      0.01875 (07083108)      0.01883 (07083108)
3757901.2 |      0.01651 (05101424)      0.01679 (05101424)      0.01908 (07083108)      0.02057 (07083108)      0.02038 (07083108)
3757871.2 |      0.01824 (05101424)      0.01856 (05101424)      0.02122 (07083108)      0.02266 (07083108)      0.02213 (07083108)
3757841.2 |      0.02031 (05101424)      0.02067 (05101424)      0.02377 (07083108)      0.02511 (07083108)      0.02410 (07083108)
3757811.2 |      0.02279 (05101424)      0.02334 (06082108)      0.02682 (07083108)      0.02796 (07083108)      0.02632 (07083108)
3757781.2 |      0.02582 (05101424)      0.02677 (06082108)      0.03051 (07083108)      0.03133 (07083108)      0.02885 (07083108)
3757751.2 |      0.02957 (05101424)      0.03104 (06082108)      0.03504 (07083108)      0.03534 (07083108)      0.03174 (05110224)
3757721.2 |      0.03429 (05101424)      0.03645 (06082108)      0.04067 (07083108)      0.04018 (07083108)      0.03726 (05110224)
3757691.2 |      0.04036 (05101424)      0.04348 (06082108)      0.04784 (07083108)      0.04644 (06082908)      0.04381 (05110224)
3757661.2 |      0.05033 (06090508)      0.05286 (06082108)      0.05804 (06082908)      0.05525 (06082908)      0.05146 (05110224)
3757631.2 |      0.06416 (06090508)      0.06650 (06082908)      0.07219 (06082908)      0.06660 (06082908)      0.06009 (05110224)
3757601.2 |      0.08341 (06090508)      0.08475 (06082108)      0.09218 (06082908)      0.08127 (06082908)      0.06930 (05110224)
3757571.2 |      0.10446 (06090508)      0.11020 (06082108)      0.11454 (06082908)      0.10057 (06082908)      0.08531 (05071708)
3757541.2 |      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.10797 (06101008)
3757511.2 |      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.12517 (06042824)
3757481.2 |      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)
3757451.2 |      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)
3757421.2 |      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)
3757391.2 |      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.10896 (05012908)
3757361.2 |      0.11426 (06021608)      0.00000 (00000000)      0.10302 (07081508)      0.09000 (05120308)      0.08733 (05012908)
3757331.2 |      0.09420 (07123124)      0.09867 (07081508)      0.08672 (07081508)      0.07830 (05120308)      0.06704 (05012908)
3757301.2 |      0.07273 (07123124)      0.07741 (07081508)      0.06833 (07081508)      0.06457 (05120308)      0.05558 (05120308)
3757271.2 |      0.05867 (07081508)      0.06323 (07081508)      0.05602 (07081508)      0.05332 (05120308)      0.04885 (05120308)
3757241.2 |      0.04971 (07081508)      0.05314 (07081508)      0.04725 (07081508)      0.04422 (05120308)      0.04253 (05120308)
3757211.2 |      0.04298 (07081508)      0.04560 (07081508)      0.04069 (07081508)      0.03691 (05120308)      0.03685 (05120308)
3757181.2 |      0.03774 (07081508)      0.03978 (07081508)      0.03563 (07081508)      0.03104 (05120308)      0.03190 (05120308)
3757151.2 |      0.03356 (07081508)      0.03516 (07081508)      0.03160 (07081508)      0.02633 (05120308)      0.02765 (05120308)
3757121.2 |      0.03014 (07081508)      0.03141 (07081508)      0.02833 (07081508)      0.02252 (05120308)      0.02404 (05120308)
3757091.2 |      0.02731 (07081508)      0.02832 (07081508)      0.02562 (07081508)      0.02047 (07081508)      0.02098 (05120308)
3757061.2 |      0.02492 (07081508)      0.02573 (07081508)      0.02335 (07081508)      0.01883 (07081508)      0.01840 (05120308)
3757031.2 |      0.02288 (07081508)      0.02353 (07081508)      0.02141 (07081508)      0.01742 (07081508)      0.01621 (05120308)
3757001.2 |      0.02112 (07081508)      0.02164 (07081508)      0.01975 (07081508)      0.01620 (07081508)      0.01444 (07022824)
3756971.2 |      0.01959 (07081508)      0.02001 (07081508)      0.01831 (07081508)      0.01514 (07081508)      0.01322 (07022824)
3756941.2 |      0.01824 (07081508)      0.01858 (07081508)      0.01704 (07081508)      0.01419 (07081508)      0.01213 (07022824)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                                ***       10/26/10
                                  ***                                                                             ***       14:37:09
                                                                                                                            PAGE  41
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372446.85              372476.85              372506.85              372536.85              372566.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756911.2 |      0.01705 (07081508)      0.01732 (07081508)      0.01592 (07081508)      0.01335 (07081508)      0.01117 (07022824)
3756881.2 |      0.01599 (07081508)      0.01620 (07081508)      0.01493 (07081508)      0.01260 (07081508)      0.01043 (07081424)
3756851.2 |      0.01504 (07081508)      0.01520 (07081508)      0.01404 (07081508)      0.01191 (07081508)      0.00988 (07081424)
3756821.2 |      0.01418 (07081508)      0.01430 (07081508)      0.01324 (07081508)      0.01130 (07081508)      0.00938 (07081424)
3756791.2 |      0.01340 (07081508)      0.01349 (07081508)      0.01251 (07081508)      0.01073 (07081508)      0.00891 (07081424)
3756761.2 |      0.01270 (07081508)      0.01276 (07081508)      0.01185 (07081508)      0.01022 (07081508)      0.00848 (07081424)
3756731.2 |      0.01205 (07081508)      0.01209 (07081508)      0.01125 (07081508)      0.00975 (07081508)      0.00809 (07081424)
3756701.2 |      0.01146 (07081508)      0.01148 (07081508)      0.01070 (07081508)      0.00931 (07081508)      0.00772 (07081424)
3756671.2 |      0.01092 (07081508)      0.01092 (07081508)      0.01020 (07081508)      0.00891 (07081508)      0.00738 (07081424)
3756641.2 |      0.01042 (07081508)      0.01041 (07081508)      0.00973 (07081508)      0.00854 (07081508)      0.00710 (07081508)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                                ***       10/26/10
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                                ***                                                                  ***        14:37:09
                                                                                                              PAGE  42
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372596.85              372626.85              372656.85              372686.85              372716.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758111.2 |      0.01231 (07083108)      0.01171 (07083108)      0.01064 (07083108)      0.00994 (05110224)      0.01023 (05110224)
3758081.2 |      0.01303 (07083108)      0.01226 (07083108)      0.01101 (07083108)      0.01080 (05110224)      0.01101 (05110224)
3758051.2 |      0.01380 (07083108)      0.01284 (07083108)      0.01137 (07083108)      0.01174 (05110224)      0.01184 (05110224)
3758021.2 |      0.01464 (07083108)      0.01344 (07083108)      0.01240 (05110224)      0.01275 (05110224)      0.01271 (05110224)
3757991.2 |      0.01554 (07083108)      0.01406 (07083108)      0.01362 (05110224)      0.01384 (05110224)      0.01361 (05110224)
3757961.2 |      0.01652 (07083108)      0.01470 (07083108)      0.01497 (05110224)      0.01500 (05110224)      0.01453 (05110224)
3757931.2 |      0.01757 (07083108)      0.01602 (05110224)      0.01645 (05110224)      0.01623 (05110224)      0.01546 (05110224)
3757901.2 |      0.01870 (07083108)      0.01787 (05110224)      0.01805 (05110224)      0.01750 (05110224)      0.01635 (05110224)
3757871.2 |      0.01992 (07083108)      0.01994 (05110224)      0.01977 (05110224)      0.01878 (05110224)      0.01718 (05110224)
3757841.2 |      0.02175 (05110224)      0.02223 (05110224)      0.02158 (05110224)      0.02003 (05110224)      0.01789 (05110224)
3757811.2 |      0.02476 (05110224)      0.02476 (05110224)      0.02344 (05110224)      0.02118 (05110224)      0.01908 (05092224)
3757781.2 |      0.02822 (05110224)      0.02747 (05110224)      0.02526 (05110224)      0.02216 (05110224)      0.02097 (05071708)
3757751.2 |      0.03213 (05110224)      0.03032 (05110224)      0.02695 (05110224)      0.02458 (05092224)      0.02390 (05071708)
3757721.2 |      0.03649 (05110224)      0.03316 (05110224)      0.02929 (05092224)      0.02810 (05071708)      0.02643 (05071708)
3757691.2 |      0.04118 (05110224)      0.03579 (05110224)      0.03362 (05071708)      0.03151 (05071708)      0.02815 (06101508)
3757661.2 |      0.04599 (05110224)      0.04112 (05071708)      0.03834 (05071708)      0.03404 (06101508)      0.03291 (06101008)
3757631.2 |      0.05196 (05092224)      0.04808 (05071708)      0.04228 (06101008)      0.04037 (06101008)      0.03750 (06042824)
3757601.2 |      0.06248 (05071708)      0.05483 (06101008)      0.05068 (06101008)      0.04589 (06042824)      0.04049 (07111724)
3757571.2 |      0.07435 (06101008)      0.06568 (07111724)      0.05811 (07111724)      0.05067 (07111724)      0.04384 (07111724)
3757541.2 |      0.09238 (07122824)      0.07698 (07111724)      0.06364 (07111724)      0.05344 (05090224)      0.04632 (05090224)
3757511.2 |      0.10426 (07122824)      0.08093 (05121424)      0.06614 (05121424)      0.05468 (05121424)      0.04569 (05121424)
3757481.2 |      0.10802 (06060808)      0.08388 (06060808)      0.06721 (06060808)      0.05512 (06060808)      0.04605 (06060808)
3757451.2 |      0.10948 (06050308)      0.08457 (06050308)      0.06767 (06050308)      0.05558 (06050308)      0.04658 (06050308)
3757421.2 |      0.09710 (07090708)      0.07828 (07090708)      0.06439 (07090708)      0.05380 (07090708)      0.04553 (07090708)
3757391.2 |      0.08916 (06051408)      0.06956 (06051408)      0.05509 (07090708)      0.04813 (07090708)      0.04222 (07090708)
3757361.2 |      0.07598 (05012908)      0.06246 (05012908)      0.05153 (06051408)      0.04193 (06051408)      0.03499 (06030808)
3757331.2 |      0.06339 (05012908)      0.05644 (05012908)      0.04800 (05012908)      0.03969 (05012908)      0.03339 (06051408)
3757301.2 |      0.04966 (05012908)      0.04780 (05012908)      0.04358 (05012908)      0.03812 (05012908)      0.03243 (05012908)
3757271.2 |      0.04064 (05120308)      0.03878 (05012908)      0.03767 (05012908)      0.03485 (05012908)      0.03107 (05012908)
3757241.2 |      0.03751 (05120308)      0.03060 (05012908)      0.03141 (05012908)      0.03064 (05012908)      0.02864 (05012908)
3757211.2 |      0.03408 (05120308)      0.02924 (05120308)      0.02555 (05012908)      0.02613 (05012908)      0.02554 (05012908)
3757181.2 |      0.03064 (05120308)      0.02749 (05120308)      0.02312 (05120308)      0.02177 (05012908)      0.02218 (05012908)
3757151.2 |      0.02738 (05120308)      0.02549 (05120308)      0.02233 (05120308)      0.01854 (07090808)      0.01885 (05012908)
3757121.2 |      0.02439 (05120308)      0.02340 (05120308)      0.02124 (05120308)      0.01829 (05120308)      0.01727 (07090808)
3757091.2 |      0.02169 (05120308)      0.02135 (05120308)      0.01996 (05120308)      0.01776 (05120308)      0.01664 (07090808)
3757061.2 |      0.01931 (05120308)      0.01940 (05120308)      0.01860 (05120308)      0.01703 (05120308)      0.01537 (07090808)
3757031.2 |      0.01722 (05120308)      0.01759 (05120308)      0.01723 (05120308)      0.01617 (05120308)      0.01456 (05120308)
3757001.2 |      0.01539 (05120308)      0.01594 (05120308)      0.01589 (05120308)      0.01523 (05120308)      0.01404 (05120308)
3756971.2 |      0.01379 (05120308)      0.01444 (05120308)      0.01461 (05120308)      0.01426 (05120308)      0.01342 (05120308)
3756941.2 |      0.01241 (05120308)      0.01310 (05120308)      0.01342 (05120308)      0.01330 (05120308)      0.01275 (05120308)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                   ***        10/26/10
                                ***                                                                  ***        14:37:09
                                                                                                              PAGE  43
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372596.85              372626.85              372656.85              372686.85              372716.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756911.2 |      0.01120 (05120308)      0.01190 (05120308)      0.01232 (05120308)      0.01237 (05120308)      0.01204 (05120308)
3756881.2 |      0.01027 (07022824)      0.01084 (05120308)      0.01131 (05120308)      0.01148 (05120308)      0.01133 (05120308)
3756851.2 |      0.00956 (07022824)      0.00989 (05120308)      0.01039 (05120308)      0.01065 (05120308)      0.01063 (05120308)
3756821.2 |      0.00892 (07022824)      0.00905 (05120308)      0.00955 (05120308)      0.00987 (05120308)      0.00995 (05120308)
3756791.2 |      0.00834 (07022824)      0.00830 (05120308)      0.00880 (05120308)      0.00915 (05120308)      0.00931 (05120308)
3756761.2 |      0.00780 (07022824)      0.00773 (07022824)      0.00812 (05120308)      0.00849 (05120308)      0.00870 (05120308)
3756731.2 |      0.00732 (07022824)      0.00729 (07022824)      0.00751 (05120308)      0.00788 (05120308)      0.00812 (05120308)
3756701.2 |      0.00688 (07022824)      0.00687 (07022824)      0.00695 (05120308)      0.00733 (05120308)      0.00759 (05120308)
3756671.2 |      0.00654 (07081424)      0.00649 (07022824)      0.00645 (05120308)      0.00682 (05120308)      0.00710 (05120308)
3756641.2 |      0.00630 (07081424)      0.00614 (07022824)      0.00607 (07022824)      0.00635 (05120308)      0.00664 (05120308)
*** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                   ***        10/26/10
                                ***                                                                  ***        14:37:09
                                                                                                              PAGE  44
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372746.85              372776.85              372806.85              372836.85              372866.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758111.2 |      0.01026 (05110224)      0.01005 (05110224)      0.00974 (05082808)      0.00999 (05082808)      0.00948 (05082808)
3758081.2 |      0.01093 (05110224)      0.01058 (05110224)      0.01031 (05082808)      0.01012 (05082808)      0.00918 (05082808)
3758051.2 |      0.01161 (05110224)      0.01111 (05110224)      0.01067 (05082808)      0.01000 (05082808)      0.00868 (05082808)
3758021.2 |      0.01231 (05110224)      0.01162 (05110224)      0.01077 (05082808)      0.00973 (05110224)      0.00928 (05092224)
3757991.2 |      0.01299 (05110224)      0.01209 (05110224)      0.01100 (05110224)      0.01019 (05092224)      0.01000 (06051624)
3757961.2 |      0.01366 (05110224)      0.01250 (05110224)      0.01123 (05092224)      0.01091 (05092224)      0.01096 (06051624)
3757931.2 |      0.01427 (05110224)      0.01284 (05110224)      0.01213 (05092224)      0.01199 (06051624)      0.01183 (06051624)
3757901.2 |      0.01481 (05110224)      0.01355 (05092224)      0.01319 (06051624)      0.01306 (06051624)      0.01269 (05071708)
3757871.2 |      0.01523 (05110224)      0.01465 (05092224)      0.01451 (06051624)      0.01415 (05071708)      0.01352 (05071708)
3757841.2 |      0.01665 (05092224)      0.01623 (06051624)      0.01589 (05071708)      0.01514 (05071708)      0.01404 (05071708)
3757811.2 |      0.01834 (05071708)      0.01801 (05071708)      0.01712 (05071708)      0.01577 (05071708)      0.01493 (06101008)
3757781.2 |      0.02063 (05071708)      0.01954 (05071708)      0.01788 (05071708)      0.01708 (06101008)      0.01701 (06101008)
3757751.2 |      0.02256 (05071708)      0.02049 (05071708)      0.01974 (06101008)      0.01947 (06101008)      0.01876 (06042824)
3757721.2 |      0.02378 (05071708)      0.02308 (06101008)      0.02249 (06101008)      0.02155 (06042824)      0.02043 (06042824)
```

Site #14 – Localized CO Concentrations

3757691.2	0.02734 (06101008)	0.02623 (06101008)	0.02493 (06042824)	0.02322 (06042824)	0.02121 (06042824)
3757661.2	0.03109 (06042824)	0.02907 (06042824)	0.02650 (06042824)	0.02369 (06042824)	0.02189 (07111724)
3757631.2	0.03415 (06042824)	0.03032 (06042824)	0.02764 (07111724)	0.02515 (07111724)	0.02372 (05090224)
3757601.2	0.03636 (07111724)	0.03242 (07111724)	0.02989 (05090224)	0.02759 (05090224)	0.02529 (05090224)
3757571.2	0.03901 (05090224)	0.03509 (05090224)	0.03138 (05090224)	0.02795 (05090224)	0.02483 (05090224)
3757541.2	0.04002 (05090224)	0.03461 (05121424)	0.03035 (05121424)	0.02675 (05121424)	0.02370 (05121424)
3757511.2	0.03859 (05121424)	0.03310 (06072008)	0.02890 (07120224)	0.02602 (07120224)	0.02356 (07120224)
3757481.2	0.03909 (07120224)	0.03419 (07120224)	0.03020 (07120224)	0.02691 (07120224)	0.02415 (07120224)
3757451.2	0.03967 (06050308)	0.03424 (06050308)	0.02988 (06050308)	0.02633 (06050308)	0.02343 (06050308)
3757421.2	0.03897 (07090708)	0.03381c(06072908)	0.02999c(06072908)	0.02680c(06072908)	0.02409c(06072908)
3757391.2	0.03719 (07090708)	0.03290 (07090708)	0.02923 (07090708)	0.02609 (07090708)	0.02339 (07090708)
3757361.2	0.03193 (07090708)	0.02919 (07090708)	0.02666 (07090708)	0.02435 (07090708)	0.02225 (07090708)
3757331.2	0.02939 (05070208)	0.02605 (05070208)	0.02286 (05070208)	0.02112 (07090708)	0.01979 (07090708)
3757301.2	0.02732 (06051408)	0.02475 (05070208)	0.02261 (05070208)	0.02041 (05070208)	0.01825 (05070208)
3757271.2	0.02700 (05012908)	0.02312 (05012908)	0.02088 (05070208)	0.01958 (05070208)	0.01809 (05070208)
3757241.2	0.02589 (05012908)	0.02287 (05012908)	0.01992 (05012908)	0.01768 (05070208)	0.01694 (05070208)
3757211.2	0.02404 (05012908)	0.02197 (05012908)	0.01967 (05012908)	0.01736 (05012908)	0.01532 (06051408)
3757181.2	0.02170 (05012908)	0.02054 (05012908)	0.01893 (05012908)	0.01712 (05012908)	0.01529 (05012908)
3757151.2	0.01912 (05012908)	0.01872 (05012908)	0.01780 (05012908)	0.01653 (05012908)	0.01508 (05012908)
3757121.2	0.01652 (05012908)	0.01670 (05012908)	0.01636 (05012908)	0.01561 (05012908)	0.01458 (05012908)
3757091.2	0.01602 (07090808)	0.01463 (05012908)	0.01474 (05012908)	0.01445 (05012908)	0.01383 (05012908)
3757061.2	0.01583 (07090808)	0.01482 (07090808)	0.01306 (05012908)	0.01313 (05012908)	0.01288 (05012908)
3757031.2	0.01500 (07090808)	0.01498 (07090808)	0.01368 (07090808)	0.01175 (05012908)	0.01179 (05012908)
3757001.2	0.01369 (07090808)	0.01452 (07090808)	0.01410 (07090808)	0.01260 (07090808)	0.01064 (05012908)
3756971.2	0.01220 (05120308)	0.01356 (07090808)	0.01395 (07090808)	0.01321 (07090808)	0.01160 (07090808)
3756941.2	0.01182 (05120308)	0.01225 (07090808)	0.01331 (07090808)	0.01333 (07090808)	0.01235 (07090808)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372746.85	372776.85	372806.85	372836.85	372866.85
3756911.2	0.01137 (05120308)	0.01076 (07090808)	0.01229 (07090808)	0.01297 (07090808)	0.01267 (07090808)
3756881.2	0.01086 (05120308)	0.01013 (05120308)	0.01102 (07090808)	0.01221 (07090808)	0.01254 (07090808)
3756851.2	0.01033 (05120308)	0.00978 (05120308)	0.00964 (07090808)	0.01117 (07090808)	0.01203 (07090808)
3756821.2	0.00979 (05120308)	0.00940 (05120308)	0.00880 (05120308)	0.00996 (07090808)	0.01121 (07090808)
3756791.2	0.00925 (05120308)	0.00899 (05120308)	0.00853 (05120308)	0.00869 (07090808)	0.01018 (07090808)
3756761.2	0.00872 (05120308)	0.00857 (05120308)	0.00823 (05120308)	0.00773 (05120308)	0.00904 (07090808)
3756731.2	0.00822 (05120308)	0.00814 (05120308)	0.00790 (05120308)	0.00752 (05120308)	0.00786 (07090808)
3756701.2	0.00773 (05120308)	0.00772 (05120308)	0.00757 (05120308)	0.00728 (05120308)	0.00706 (05102308)
3756671.2	0.00727 (05120308)	0.00731 (05120308)	0.00723 (05120308)	0.00702 (05120308)	0.00699 (05102308)
3756641.2	0.00683 (05120308)	0.00692 (05120308)	0.00689 (05120308)	0.00675 (05120308)	0.00681 (05102308)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372896.85	372926.85	372956.85	372986.85	373016.85
3758111.2	0.00837 (05082808)	0.00736 (05092224)	0.00737 (06051624)	0.00744 (06051624)	0.00737 (06051624)
3758081.2	0.00798 (05092224)	0.00787 (06051624)	0.00798 (06051624)	0.00793 (06051624)	0.00772 (06051624)
3758051.2	0.00849 (05092224)	0.00858 (06051624)	0.00855 (06051624)	0.00834 (06051624)	0.00809 (05071708)
3758021.2	0.00925 (06051624)	0.00925 (06051624)	0.00904 (06051624)	0.00876 (05071708)	0.00847 (05071708)
3757991.2	0.01005 (06051624)	0.00985 (06051624)	0.00953 (05071708)	0.00920 (05071708)	0.00872 (05071708)
3757961.2	0.01077 (06051624)	0.01042 (05071708)	0.01004 (05071708)	0.00948 (05071708)	0.00884 (06101508)
3757931.2	0.01147 (05071708)	0.01101 (05071708)	0.01036 (05071708)	0.00968 (06101508)	0.01040 (05082708)
3757901.2	0.01216 (05071708)	0.01138 (05071708)	0.01064 (06101508)	0.01139 (05082708)	0.01222 (05082708)
3757871.2	0.01259 (05071708)	0.01177 (06101508)	0.01251 (05082708)	0.01329 (05082708)	0.01376 (05082708)
3757841.2	0.01317 (06101008)	0.01376 (05082708)	0.01445 (05082708)	0.01477 (05082708)	0.01467 (05082708)
3757811.2	0.01518 (05082708)	0.01572 (05082708)	0.01582 (05082708)	0.01546 (05082708)	0.01468 (05082708)
3757781.2	0.01710 (05082708)	0.01691 (05082708)	0.01622 (05082708)	0.01511 (05082708)	0.01370 (05082708)
3757751.2	0.01805 (06042824)	0.01704 (06042824)	0.01585 (06042824)	0.01455 (06042824)	0.01346 (06090924)
3757721.2	0.01900 (06042824)	0.01740 (06042824)	0.01581 (06090924)	0.01491 (07111724)	0.01401 (07111724)
3757691.2	0.01908 (06042824)	0.01786 (07111724)	0.01665 (07111724)	0.01609 (05090224)	0.01552 (05090224)
3757661.2	0.02020 (07111724)	0.01933 (05090224)	0.01844 (05090224)	0.01746 (05090224)	0.01643 (05090224)
3757631.2	0.02231 (05090224)	0.02083 (05090224)	0.01933 (05090224)	0.01785 (05090224)	0.01644 (05090224)
3757601.2	0.02305 (05090224)	0.02093 (05090224)	0.01896 (05090224)	0.01714 (05090224)	0.01549 (05090224)
3757571.2	0.02203 (05090224)	0.01984 (05121424)	0.01802 (05121424)	0.01641 (05121424)	0.01499 (05121424)
3757541.2	0.02111 (05121424)	0.01888 (05121424)	0.01696 (05121424)	0.01571 (07120224)	0.01466 (07120224)
3757511.2	0.02145 (07120224)	0.01961 (07120224)	0.01801 (07120224)	0.01660 (07120224)	0.01536 (07120224)
3757481.2	0.02181 (07120224)	0.01981 (07120224)	0.01809 (07120224)	0.01659 (07120224)	0.01528 (07120224)
3757451.2	0.02100 (06050308)	0.01894 (06050308)	0.01718 (06050308)	0.01570 (07120224)	0.01446 (07120224)
3757421.2	0.02177c(06072908)	0.01978c(06072908)	0.01805c(06072908)	0.01654c(06072908)	0.01522c(06072908)
3757391.2	0.02131c(06072908)	0.01956c(06072908)	0.01801c(06072908)	0.01663c(06072908)	0.01539c(06072908)
3757361.2	0.02037 (07090708)	0.01867 (07090708)	0.01715 (07090708)	0.01579c(06072908)	0.01477c(06072908)
3757331.2	0.01850 (07090708)	0.01727 (07090708)	0.01611 (07090708)	0.01504 (07090708)	0.01404 (07090708)
3757301.2	0.01621 (05070208)	0.01514 (07090708)	0.01440 (07090708)	0.01366 (07090708)	0.01294 (07090708)
3757271.2	0.01654 (05070208)	0.01500 (05070208)	0.01351 (05070208)	0.01213 (05070208)	0.01146 (07090708)
3757241.2	0.01599 (05070208)	0.01490 (05070208)	0.01376 (05070208)	0.01261 (05070208)	0.01149 (05070208)
3757211.2	0.01468 (05070208)	0.01410 (05070208)	0.01338 (05070208)	0.01255 (05070208)	0.01168 (05070208)
3757181.2	0.01362 (06051408)	0.01274 (05070208)	0.01244 (05070208)	0.01198 (05070208)	0.01141 (05070208)
3757151.2	0.01359 (05012908)	0.01219 (06051408)	0.01117 (06051408)	0.01098 (05070208)	0.01071 (05070208)
3757121.2	0.01340 (05012908)	0.01217 (05012908)	0.01099 (06051408)	0.01018 (06051408)	0.00970 (05070208)
3757091.2	0.01298 (05012908)	0.01201 (05012908)	0.01099 (05012908)	0.00997 (05012908)	0.00931 (06051408)
3757061.2	0.01236 (05012908)	0.01166 (05012908)	0.01084 (05012908)	0.00998 (05012908)	0.00911 (05012908)
3757031.2	0.01157 (05012908)	0.01113 (05012908)	0.01054 (05012908)	0.00985 (05012908)	0.00911 (05012908)
3757001.2	0.01066 (05012908)	0.01046 (05012908)	0.01009 (05012908)	0.00958 (05012908)	0.00900 (05012908)
3756971.2	0.00969 (05012908)	0.00969 (05012908)	0.00952 (05012908)	0.00920 (05012908)	0.00876 (05012908)
3756941.2	0.01066 (07090808)	0.00887 (05012908)	0.00886 (05012908)	0.00871 (05012908)	0.00843 (05012908)

**MODELOPTs: NonDFAULT CONC FLAT

NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372896.85	372926.85	372956.85	372986.85	373016.85
3756911.2	0.01151 (07090808)	0.00980 (07090808)	0.00815 (05012908)	0.00814 (05012908)	0.00800 (05012908)
3756881.2	0.01199 (07090808)	0.01071 (07090808)	0.00901 (07090808)	0.00753 (05012908)	0.00751 (05012908)
3756851.2	0.01206 (07090808)	0.01130 (07090808)	0.00995 (07090808)	0.00829 (07090808)	0.00697 (05012908)
3756821.2	0.01177 (07090808)	0.01154 (07090808)	0.01063 (07090808)	0.00924 (07090808)	0.00762 (07090808)
3756791.2	0.01115 (07090808)	0.01143 (07090808)	0.01100 (07090808)	0.00998 (07090808)	0.00857 (07090808)
3756761.2	0.01030 (07090808)	0.01101 (07090808)	0.01105 (07090808)	0.01045 (07090808)	0.00935 (07090808)
3756731.2	0.00930 (07090808)	0.01033 (07090808)	0.01080 (07090808)	0.01063 (07090808)	0.00990 (07090808)
3756701.2	0.00823 (07090808)	0.00948 (07090808)	0.01029 (07090808)	0.01053 (07090808)	0.01019 (07090808)
3756671.2	0.00715 (07090808)	0.00852 (07090808)	0.00958 (07090808)	0.01017 (07090808)	0.01022 (07090808)
3756641.2	0.00667 (05102308)	0.00752 (07090808)	0.00874 (07090808)	0.00961 (07090808)	0.01000 (07090808)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 373046.85	373076.85	373106.85	373136.85	373166.85
3758111.2	0.00717 (06051624)	0.00699 (05071708)	0.00679 (05071708)	0.00651 (05071708)	0.00615 (05071708)
3758081.2	0.00751 (05071708)	0.00728 (05071708)	0.00696 (05071708)	0.00656 (05071708)	0.00681 (05082708)
3758051.2	0.00784 (05071708)	0.00747 (05071708)	0.00702 (05071708)	0.00738 (05082708)	0.00817 (05082708)
3758021.2	0.00805 (05071708)	0.00753 (05071708)	0.00802 (05082708)	0.00884 (05082708)	0.00958 (05082708)
3757991.2	0.00812 (06101508)	0.00873 (05082708)	0.00957 (05082708)	0.01030 (05082708)	0.01087 (05082708)
3757961.2	0.00952 (05082708)	0.01037 (05082708)	0.01108 (05082708)	0.01158 (05082708)	0.01183 (05082708)
3757931.2	0.01125 (05082708)	0.01192 (05082708)	0.01233 (05082708)	0.01244 (05082708)	0.01226 (05082708)
3757901.2	0.01281 (05082708)	0.01310 (05082708)	0.01305 (05082708)	0.01268 (05082708)	0.01203 (05082708)
3757871.2	0.01388 (05082708)	0.01363 (05082708)	0.01305 (05082708)	0.01219 (05082708)	0.01113 (05082708)
3757841.2	0.01418 (05082708)	0.01335 (05082708)	0.01227 (05082708)	0.01102 (05082708)	0.00972 (05082708)
3757811.2	0.01358 (05082708)	0.01225 (05082708)	0.01082 (05082708)	0.01017 (06090924)	0.00972 (05082424)
3757781.2	0.01237 (06042824)	0.01163 (06090924)	0.01105 (05082424)	0.01051 (05082424)	0.01018 (05090224)
3757751.2	0.01271 (05082424)	0.01203 (05082424)	0.01171 (05090224)	0.01147 (05090224)	0.01116 (05090224)
3757721.2	0.01363 (05090224)	0.01326 (05090224)	0.01281 (05090224)	0.01230 (05090224)	0.01175 (05090224)
3757691.2	0.01486 (05090224)	0.01414 (05090224)	0.01339 (05090224)	0.01263 (05090224)	0.01187 (05090224)
3757661.2	0.01539 (05090224)	0.01435 (05090224)	0.01335 (05090224)	0.01239 (05090224)	0.01147 (05090224)
3757631.2	0.01509 (05090224)	0.01383 (05090224)	0.01267 (05090224)	0.01159 (05090224)	0.01084 (05121424)
3757601.2	0.01423 (05121424)	0.01318 (05121424)	0.01222 (05121424)	0.01135 (05121424)	0.01055 (05121424)
3757571.2	0.01372 (05121424)	0.01260 (05121424)	0.01159 (05121424)	0.01068 (05121424)	0.01012 (07120224)
3757541.2	0.01370 (07120224)	0.01283 (07120224)	0.01205 (07120224)	0.01133 (07120224)	0.01067 (07120224)
3757511.2	0.01425 (07120224)	0.01326 (07120224)	0.01237 (07120224)	0.01157 (07120224)	0.01085 (07120224)
3757481.2	0.01413 (07120224)	0.01310 (07120224)	0.01219 (07120224)	0.01138 (07120224)	0.01064 (07120224)
3757451.2	0.01337 (07120224)	0.01241 (07120224)	0.01155 (07120224)	0.01078 (07120224)	0.01009 (07120224)
3757421.2	0.01405c(06072908)	0.01301c(06072908)	0.01209c(06072908)	0.01126c(06072908)	0.01052c(06072908)
3757391.2	0.01429c(06072908)	0.01330c(06072908)	0.01240c(06072908)	0.01160c(06072908)	0.01086c(06072908)
3757361.2	0.01384c(06072908)	0.01298c(06072908)	0.01220c(06072908)	0.01147c(06072908)	0.01081c(06072908)
3757331.2	0.01311 (07090708)	0.01226 (07090708)	0.01150c(06072908)	0.01092c(06072908)	0.01037c(06072908)
3757301.2	0.01225 (07090708)	0.01159 (07090708)	0.01096 (07090708)	0.01037 (07090708)	0.00981 (07090708)
3757271.2	0.01101 (07090708)	0.01055 (07090708)	0.01010 (07090708)	0.00966 (07090708)	0.00923 (07090708)
3757241.2	0.01042 (05070208)	0.00943 (05070208)	0.00901 (07090708)	0.00873 (07090708)	0.00843 (07090708)
3757211.2	0.01080 (05070208)	0.00992 (05070208)	0.00909 (05070208)	0.00829 (05070208)	0.00756 (05070208)
3757181.2	0.01077 (05070208)	0.01008 (05070208)	0.00938 (05070208)	0.00869 (05070208)	0.00801 (05070208)
3757151.2	0.01034 (05070208)	0.00988 (05070208)	0.00937 (05070208)	0.00882 (05070208)	0.00825 (05070208)
3757121.2	0.00958 (05070208)	0.00936 (05070208)	0.00904 (05070208)	0.00867 (05070208)	0.00825 (05070208)
3757091.2	0.00862 (06051408)	0.00857 (05070208)	0.00846 (05070208)	0.00826 (05070208)	0.00800 (05070208)
3757061.2	0.00855 (06051408)	0.00818 (07091108)	0.00800 (07091108)	0.00765 (05070208)	0.00754 (05070208)
3757031.2	0.00837 (05012908)	0.00788 (06051408)	0.00774 (07091108)	0.00770 (07091108)	0.00744 (07091108)
3757001.2	0.00836 (05012908)	0.00772 (05012908)	0.00728 (06051408)	0.00728 (07091108)	0.00736 (07091108)
3756971.2	0.00826 (05012908)	0.00771 (05012908)	0.00715 (05012908)	0.00674 (06051408)	0.00682 (07091108)
3756941.2	0.00805 (05012908)	0.00762 (05012908)	0.00714 (05012908)	0.00665 (05012908)	0.00626 (06051408)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 373046.85	373076.85	373106.85	373136.85	373166.85
3756911.2	0.00776 (05012908)	0.00743 (05012908)	0.00705 (05012908)	0.00663 (05012908)	0.00620 (05012908)
3756881.2	0.00738 (05012908)	0.00720 (06081608)	0.00693 (06081608)	0.00655 (05012908)	0.00618 (05012908)
3756851.2	0.00695 (05012908)	0.00688 (06081608)	0.00694 (06081608)	0.00670 (06081608)	0.00621 (06081608)
3756821.2	0.00648 (05012908)	0.00646 (05012908)	0.00664 (06081608)	0.00671 (06081608)	0.00650 (06081608)
3756791.2	0.00702 (07090808)	0.00605 (05012908)	0.00607 (06081608)	0.00642 (06081608)	0.00649 (06081608)
3756761.2	0.00795 (07090808)	0.00647 (07090808)	0.00566 (05012908)	0.00588 (06081608)	0.00621 (06081608)
3756731.2	0.00874 (07090808)	0.00737 (07090808)	0.00596 (07090808)	0.00530 (05012908)	0.00570 (06081608)
3756701.2	0.00935 (07090808)	0.00817 (07090808)	0.00684 (07090808)	0.00551 (07090808)	0.00505 (06081608)
3756671.2	0.00973 (07090808)	0.00882 (07090808)	0.00764 (07090808)	0.00635 (07090808)	0.00509 (07090808)
3756641.2	0.00987 (07090808)	0.00927 (07090808)	0.00831 (07090808)	0.00713 (07090808)	0.00589 (07090808)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

Site #14 – Localized CO Concentrations

```
                              INCLUDING SOURCE(S):      VOL1    ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                   ** CONC OF CO       IN PPM                                  **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372149.67   3757202.57        0.03140  (06053108)               372200.97   3757196.42        0.03186  (06053108)
       372734.43   3757083.57        0.01637  (07090808)               372746.74   3757147.17        0.01877  (05012908)
       372767.26   3757192.31        0.02165  (05012908)               372894.46   3757118.45        0.01347  (05012908)
       372371.27   3757725.77        0.03375  (06090508)
 *** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                      ***        10/26/10
                                   ***                                                                   ***        14:37:09
                                                                                                                    PAGE  51
 **MODELOPTs:  NonDFAULT CONC                                FLAT
                                                             NODRYDPLT NOWETDPLT

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


                                   ** CONC OF CO       IN PPM                                  **

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

ALL      HIGH  1ST HIGH VALUE IS      0.26626  ON 05082707: AT (  372566.85,  3757511.16,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                      ***        10/26/10
                                   ***                                                                   ***        14:37:09
                                                                                                                    PAGE  52
 **MODELOPTs:  NonDFAULT CONC                                FLAT
                                                             NODRYDPLT NOWETDPLT

                                      *** THE SUMMARY OF HIGHEST  8-HR RESULTS ***


                                   ** CONC OF CO       IN PPM                                  **

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

ALL      HIGH  1ST HIGH VALUE IS      0.12725  ON 07011008: AT (  372386.85,  3757391.16,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Site 14 - CO                                                      ***        10/26/10
                                   ***                                                                   ***        14:37:09
                                                                                                                    PAGE  53
 **MODELOPTs:  NonDFAULT CONC                                FLAT
                                                             NODRYDPLT NOWETDPLT

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            0 Warning Message(s)
 A Total of          152 Informational Message(s)

 A Total of        26280 Hours Were Processed

 A Total of           15 Calm Hours Identified

 A Total of          137 Missing Hours Identified (  0.52 Percent)


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


    ********   WARNING MESSAGES   ********
              ***  NONE  ***


    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

Site #14 – Localized NO_2 Concentrations

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 14\NO2.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Site 14 - NO2
   MODELOPT  CONC NODRYDPLT NOWETDPLT FLAT
   AVERTIME 1 ANNUAL
   URBANOPT 9862049 Los_Angeles_County
   POLLUTID NOX
   RUNORNOT RUN
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1 VOLUME 372476.980 3757462.370 0.0
** DESCRSRC Equipment
** Source Parameters **
   SRCPARAM VOL1 0.0798 4.100 46.783 1.163
   URBANSRC VOL1
   CONCUNIT 531.5 GRAMS/SEC PPM
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                  XYINC 371694.48 50 30.00 3756656.71 50 30.00
   GRIDCART UCART1 END
** DESCRREC "" ""
   DISCCART    372149.67   3757202.57
   DISCCART    372200.97   3757196.42
   DISCCART    372734.43   3757083.57
   DISCCART    372746.74   3757147.17
   DISCCART    372767.26   3757192.31
   DISCCART    372894.46   3757118.45
   DISCCART    372371.27   3757725.77
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
   PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   PROFBASE 10 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST NO2.AD\01H1GALL.PLT
   PLOTFILE ANNUAL ALL NO2.AD\AN00GALL.PLT
OU FINISHED

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

 *** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                    ***        10/26/10
                                   ***                                                                  ***        14:41:17
                                                                                                                   PAGE   1
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for     1 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9862049.0 ;  Urban Roughness Length =  1.000 m
```

Site #14 – Localized NO_2 Concentrations

```
**Model Allows User-Specified Options:
       1. Stack-tip Downwash.
       2. Model Assumes Receptors on FLAT Terrain.
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.
       6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes:      1 Source(s);       1 Source Group(s); and    2507 Receptor(s)

**The Model Assumes A Pollutant Type of:  NOX

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

**Output Options Selected:
        Model Outputs Tables of ANNUAL 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)

**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) =    10.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                           ;  Emission Rate Unit Factor =    531.50
                 Output Units   = PPM

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

*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        14:41:17
                                                                                                                        PAGE   2
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                                  *** VOLUME SOURCE DATA ***

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

  VOL1          0   0.79800E-01  372477.0 3757462.4    10.0     4.10    46.78     1.16     YES
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        14:41:17
                                                                                                                        PAGE   3
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                            SOURCE IDs


 ALL       VOL1    ,
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        14:41:17
                                                                                                                        PAGE   4
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                         *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                           *** X-COORDINATES OF GRID ***
                                                    (METERS)

      371694.5,  371724.5,  371754.5,  371784.5,  371814.5,  371844.5,  371874.5,  371904.5,  371934.5,  371964.5,
      371994.5,  372024.5,  372054.5,  372084.5,  372114.5,  372144.5,  372174.5,  372204.5,  372234.5,  372264.5,
      372294.5,  372324.5,  372354.5,  372384.5,  372414.5,  372444.5,  372474.5,  372504.5,  372534.5,  372564.5,
      372594.5,  372624.5,  372654.5,  372684.5,  372714.5,  372744.5,  372774.5,  372804.5,  372834.5,  372864.5,
      372894.5,  372924.5,  372954.5,  372984.5,  373014.5,  373044.5,  373074.5,  373104.5,  373134.5,  373164.5,


                                           *** Y-COORDINATES OF GRID ***
                                                    (METERS)

     3756656.7, 3756686.7, 3756716.7, 3756746.7, 3756776.7, 3756806.7, 3756836.7, 3756866.7, 3756896.7, 3756926.7,
     3756956.7, 3756986.7, 3757016.7, 3757046.7, 3757076.7, 3757106.7, 3757136.7, 3757166.7, 3757196.7, 3757226.7,
     3757256.7, 3757286.7, 3757316.7, 3757346.7, 3757376.7, 3757406.7, 3757436.7, 3757466.7, 3757496.7, 3757526.7,
     3757556.7, 3757586.7, 3757616.7, 3757646.7, 3757676.7, 3757706.7, 3757736.7, 3757766.7, 3757796.7, 3757826.7,
     3757856.7, 3757886.7, 3757916.7, 3757946.7, 3757976.7, 3758006.7, 3758036.7, 3758066.7, 3758096.7, 3758126.7,

*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        14:41:17
                                                                                                                        PAGE   5
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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

    ( 372149.7, 3757202.6,      10.0,      10.0,       0.0);        ( 372201.0, 3757196.4,      10.0,      10.0,       0.0);
    ( 372734.4, 3757083.6,      10.0,      10.0,       0.0);        ( 372746.7, 3757147.2,      10.0,      10.0,       0.0);
    ( 372767.3, 3757192.3,      10.0,      10.0,       0.0);        ( 372894.5, 3757118.4,      10.0,      10.0,       0.0);
    ( 372371.3, 3757725.8,      10.0,      10.0,       0.0);
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        14:41:17
                                                                                                                        PAGE   6
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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

Site #14 – Localized NO_2 Concentrations

SOURCE ID	RECEPTOR LOCATION XR (METERS)	YR (METERS)	DISTANCE (METERS)
VOL1	372444.5	3757376.7	-8.97
VOL1	372474.5	3757376.7	-14.89
VOL1	372504.5	3757376.7	-10.62
VOL1	372414.5	3757406.7	-16.89
VOL1	372444.5	3757406.7	-36.13
VOL1	372474.5	3757406.7	-44.87
VOL1	372504.5	3757406.7	-38.50
VOL1	372534.5	3757406.7	-20.56
VOL1	372384.5	3757436.7	-4.59
VOL1	372414.5	3757436.7	-33.02
VOL1	372444.5	3757436.7	-59.17
VOL1	372474.5	3757436.7	-74.80
VOL1	372504.5	3757436.7	-62.97
VOL1	372534.5	3757436.7	-37.62
VOL1	372564.5	3757436.7	-9.40
VOL1	372384.5	3757466.7	-7.98
VOL1	372414.5	3757466.7	-37.93
VOL1	372444.5	3757466.7	-67.79
VOL1	372474.5	3757466.7	-95.57
VOL1	372504.5	3757466.7	-72.74
VOL1	372534.5	3757466.7	-42.92
VOL1	372564.5	3757466.7	-12.98
VOL1	372384.5	3757496.7	-1.91
VOL1	372414.5	3757496.7	-29.27
VOL1	372444.5	3757496.7	-53.30
VOL1	372474.5	3757496.7	-66.15
VOL1	372504.5	3757496.7	-56.59
VOL1	372534.5	3757496.7	-33.61
VOL1	372564.5	3757496.7	-6.59
VOL1	372414.5	3757526.7	-10.88
VOL1	372444.5	3757526.7	-28.50
VOL1	372474.5	3757526.7	-36.19
VOL1	372504.5	3757526.7	-30.61
VOL1	372534.5	3757526.7	-14.29
VOL1	372444.5	3757556.7	-0.80
VOL1	372474.5	3757556.7	-6.21
VOL1	372504.5	3757556.7	-2.32

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

Site #14 – Localized NO_2 Concentrations

```
First hour of profile data
YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
05 01 01 01    5.5 0 -999.  -99.00   282.6   99.0  -99.00  -99.00
05 01 01 01    9.1 1   52.    1.10  -999.0   99.0  -99.00  -99.00

F indicates top of profile (=1) or below (=0)
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                    ***        10/26/10
                                  ***                                                                  ***        14:41:17
                                                                                                                  PAGE   9
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                  **

   Y-COORD  |                                                X-COORD (METERS)
   (METERS) |     371694.48    371724.48    371754.48    371784.48    371814.48    371844.48    371874.48    371904.48    371934.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3758126.71 |       0.00005      0.00005      0.00005      0.00006      0.00006      0.00006      0.00006      0.00007      0.00007
 3758096.71 |       0.00005      0.00005      0.00006      0.00006      0.00006      0.00006      0.00007      0.00007      0.00007
 3758066.71 |       0.00005      0.00006      0.00006      0.00006      0.00006      0.00007      0.00007      0.00007      0.00008
 3758036.71 |       0.00006      0.00006      0.00006      0.00006      0.00007      0.00007      0.00007      0.00008      0.00008
 3758006.71 |       0.00006      0.00006      0.00006      0.00007      0.00007      0.00007      0.00008      0.00008      0.00008
 3757976.71 |       0.00006      0.00006      0.00006      0.00007      0.00007      0.00007      0.00008      0.00008      0.00009
 3757946.71 |       0.00006      0.00006      0.00007      0.00007      0.00007      0.00008      0.00008      0.00009      0.00009
 3757916.71 |       0.00006      0.00007      0.00007      0.00007      0.00008      0.00008      0.00009      0.00009      0.00009
 3757886.71 |       0.00007      0.00007      0.00007      0.00008      0.00008      0.00008      0.00009      0.00009      0.00010
 3757856.71 |       0.00007      0.00007      0.00007      0.00008      0.00008      0.00009      0.00009      0.00010      0.00010
 3757826.71 |       0.00007      0.00007      0.00008      0.00008      0.00009      0.00009      0.00010      0.00010      0.00011
 3757796.71 |       0.00007      0.00008      0.00008      0.00008      0.00009      0.00009      0.00010      0.00011      0.00011
 3757766.71 |       0.00007      0.00008      0.00008      0.00009      0.00009      0.00010      0.00011      0.00011      0.00012
 3757736.71 |       0.00008      0.00008      0.00009      0.00009      0.00010      0.00010      0.00011      0.00012      0.00013
 3757706.71 |       0.00008      0.00008      0.00009      0.00009      0.00010      0.00011      0.00011      0.00012      0.00013
 3757676.71 |       0.00008      0.00009      0.00009      0.00010      0.00011      0.00011      0.00012      0.00013      0.00014
 3757646.71 |       0.00009      0.00009      0.00010      0.00010      0.00011      0.00012      0.00013      0.00013      0.00015
 3757616.71 |       0.00009      0.00009      0.00010      0.00011      0.00011      0.00012      0.00013      0.00014      0.00015
 3757586.71 |       0.00009      0.00010      0.00010      0.00011      0.00012      0.00013      0.00014      0.00015      0.00016
 3757556.71 |       0.00009      0.00010      0.00011      0.00011      0.00012      0.00013      0.00014      0.00016      0.00017
 3757526.71 |       0.00010      0.00010      0.00011      0.00012      0.00013      0.00014      0.00015      0.00016      0.00018
 3757496.71 |       0.00010      0.00011      0.00012      0.00012      0.00013      0.00014      0.00016      0.00017      0.00019
 3757466.71 |       0.00010      0.00011      0.00012      0.00013      0.00014      0.00015      0.00016      0.00018      0.00020
 3757436.71 |       0.00011      0.00012      0.00012      0.00013      0.00014      0.00016      0.00017      0.00019      0.00020
 3757406.71 |       0.00011      0.00012      0.00013      0.00014      0.00015      0.00016      0.00018      0.00019      0.00021
 3757376.71 |       0.00012      0.00012      0.00013      0.00014      0.00016      0.00017      0.00018      0.00020      0.00022
 3757346.71 |       0.00012      0.00013      0.00014      0.00015      0.00016      0.00018      0.00019      0.00021      0.00023
 3757316.71 |       0.00012      0.00013      0.00014      0.00015      0.00017      0.00018      0.00020      0.00022      0.00024
 3757286.71 |       0.00013      0.00014      0.00015      0.00016      0.00017      0.00019      0.00020      0.00022      0.00025
 3757256.71 |       0.00013      0.00014      0.00015      0.00016      0.00018      0.00019      0.00021      0.00023      0.00025
 3757226.71 |       0.00013      0.00014      0.00015      0.00016      0.00018      0.00019      0.00021      0.00023      0.00025
 3757196.71 |       0.00013      0.00014      0.00015      0.00017      0.00018      0.00019      0.00021      0.00023      0.00025
 3757166.71 |       0.00014      0.00015      0.00016      0.00017      0.00018      0.00019      0.00021      0.00023      0.00024
 3757136.71 |       0.00014      0.00015      0.00016      0.00017      0.00018      0.00019      0.00021      0.00022      0.00024
 3757106.71 |       0.00014      0.00015      0.00015      0.00017      0.00018      0.00019      0.00020      0.00021      0.00023
 3757076.71 |       0.00014      0.00014      0.00015      0.00016      0.00017      0.00018      0.00019      0.00021      0.00022
 3757046.71 |       0.00013      0.00014      0.00015      0.00016      0.00017      0.00018      0.00019      0.00020      0.00021
 3757016.71 |       0.00013      0.00014      0.00015      0.00015      0.00016      0.00017      0.00018      0.00019      0.00019
 3756986.71 |       0.00013      0.00014      0.00014      0.00015      0.00016      0.00016      0.00017      0.00018      0.00018
 3756956.71 |       0.00013      0.00013      0.00014      0.00014      0.00015      0.00015      0.00016      0.00017      0.00017
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                    ***        10/26/10
                                  ***                                                                  ***        14:41:17
                                                                                                                  PAGE  10
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                  **

   Y-COORD  |                                                X-COORD (METERS)
   (METERS) |     371694.48    371724.48    371754.48    371784.48    371814.48    371844.48    371874.48    371904.48    371934.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3756926.71 |       0.00012      0.00013      0.00013      0.00014      0.00014      0.00015      0.00015      0.00016      0.00016
 3756896.71 |       0.00012      0.00012      0.00013      0.00013      0.00013      0.00014      0.00014      0.00015      0.00015
 3756866.71 |       0.00011      0.00012      0.00012      0.00012      0.00013      0.00013      0.00013      0.00014      0.00014
 3756836.71 |       0.00011      0.00011      0.00012      0.00012      0.00012      0.00012      0.00013      0.00013      0.00013
 3756806.71 |       0.00010      0.00011      0.00011      0.00011      0.00011      0.00012      0.00012      0.00012      0.00012
 3756776.71 |       0.00010      0.00010      0.00010      0.00011      0.00011      0.00011      0.00011      0.00011      0.00011
 3756746.71 |       0.00010      0.00010      0.00010      0.00010      0.00010      0.00010      0.00010      0.00010      0.00010
 3756716.71 |       0.00009      0.00009      0.00009      0.00009      0.00010      0.00010      0.00010      0.00010      0.00010
 3756686.71 |       0.00009      0.00009      0.00009      0.00009      0.00009      0.00009      0.00009      0.00009      0.00009
 3756656.71 |       0.00008      0.00008      0.00008      0.00008      0.00008      0.00009      0.00009      0.00009      0.00009
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                    ***        10/26/10
                                  ***                                                                  ***        14:41:17
                                                                                                                  PAGE  11
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                  **

   Y-COORD  |                                                X-COORD (METERS)
   (METERS) |     371964.48    371994.48    372024.48    372054.48    372084.48    372114.48    372144.48    372174.48    372204.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3758126.71 |       0.00007      0.00008      0.00008      0.00008      0.00009      0.00009      0.00009      0.00010      0.00010
 3758096.71 |       0.00008      0.00008      0.00008      0.00009      0.00009      0.00009      0.00010      0.00010      0.00011
 3758066.71 |       0.00008      0.00008      0.00009      0.00009      0.00010      0.00010      0.00010      0.00011      0.00011
 3758036.71 |       0.00008      0.00009      0.00009      0.00010      0.00010      0.00011      0.00011      0.00011      0.00012
 3758006.71 |       0.00009      0.00009      0.00010      0.00010      0.00011      0.00011      0.00012      0.00012      0.00013
 3757976.71 |       0.00009      0.00010      0.00010      0.00011      0.00011      0.00012      0.00013      0.00013      0.00014
 3757946.71 |       0.00010      0.00010      0.00011      0.00011      0.00012      0.00013      0.00013      0.00014      0.00015
```

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 3757916.71 |      0.00010     0.00011     0.00011     0.00012     0.00013     0.00013     0.00014     0.00015     0.00016
 3757886.71 |      0.00011     0.00011     0.00012     0.00013     0.00013     0.00014     0.00015     0.00016     0.00017
 3757856.71 |      0.00011     0.00012     0.00013     0.00013     0.00014     0.00015     0.00016     0.00018     0.00019
 3757826.71 |      0.00012     0.00012     0.00013     0.00014     0.00015     0.00016     0.00018     0.00019     0.00020
 3757796.71 |      0.00012     0.00013     0.00014     0.00015     0.00016     0.00017     0.00019     0.00021     0.00022
 3757766.71 |      0.00013     0.00014     0.00015     0.00016     0.00017     0.00019     0.00020     0.00022     0.00024
 3757736.71 |      0.00013     0.00015     0.00016     0.00017     0.00018     0.00020     0.00022     0.00024     0.00027
 3757706.71 |      0.00014     0.00015     0.00017     0.00018     0.00020     0.00022     0.00024     0.00026     0.00029
 3757676.71 |      0.00015     0.00016     0.00018     0.00019     0.00021     0.00023     0.00026     0.00029     0.00032
 3757646.71 |      0.00016     0.00017     0.00019     0.00020     0.00023     0.00025     0.00028     0.00031     0.00035
 3757616.71 |      0.00017     0.00018     0.00020     0.00022     0.00024     0.00027     0.00030     0.00034     0.00039
 3757586.71 |      0.00018     0.00019     0.00021     0.00023     0.00026     0.00029     0.00033     0.00037     0.00043
 3757556.71 |      0.00018     0.00020     0.00022     0.00025     0.00028     0.00031     0.00036     0.00041     0.00048
 3757526.71 |      0.00019     0.00021     0.00024     0.00027     0.00030     0.00034     0.00039     0.00045     0.00053
 3757496.71 |      0.00020     0.00023     0.00025     0.00028     0.00032     0.00036     0.00042     0.00049     0.00059
 3757466.71 |      0.00022     0.00024     0.00027     0.00030     0.00034     0.00039     0.00046     0.00054     0.00065
 3757436.71 |      0.00023     0.00025     0.00028     0.00032     0.00036     0.00042     0.00049     0.00058     0.00071
 3757406.71 |      0.00024     0.00027     0.00030     0.00034     0.00039     0.00045     0.00052     0.00062     0.00075
 3757376.71 |      0.00025     0.00028     0.00031     0.00035     0.00040     0.00047     0.00055     0.00065     0.00078
 3757346.71 |      0.00026     0.00029     0.00032     0.00037     0.00042     0.00048     0.00056     0.00065     0.00077
 3757316.71 |      0.00027     0.00030     0.00033     0.00038     0.00043     0.00049     0.00056     0.00064     0.00075
 3757286.71 |      0.00027     0.00030     0.00034     0.00038     0.00042     0.00048     0.00054     0.00062     0.00070
 3757256.71 |      0.00027     0.00030     0.00034     0.00037     0.00042     0.00046     0.00052     0.00057     0.00064
 3757226.71 |      0.00027     0.00030     0.00033     0.00036     0.00040     0.00044     0.00048     0.00053     0.00057
 3757196.71 |      0.00027     0.00029     0.00032     0.00035     0.00038     0.00041     0.00044     0.00047     0.00050
 3757166.71 |      0.00026     0.00028     0.00031     0.00033     0.00035     0.00038     0.00040     0.00042     0.00044
 3757136.71 |      0.00025     0.00027     0.00029     0.00031     0.00033     0.00034     0.00036     0.00038     0.00039
 3757106.71 |      0.00024     0.00026     0.00027     0.00029     0.00030     0.00031     0.00032     0.00033     0.00034
 3757076.71 |      0.00023     0.00024     0.00025     0.00026     0.00027     0.00028     0.00029     0.00030     0.00030
 3757046.71 |      0.00022     0.00022     0.00023     0.00024     0.00025     0.00026     0.00026     0.00026     0.00027
 3757016.71 |      0.00020     0.00021     0.00022     0.00022     0.00023     0.00023     0.00023     0.00024     0.00024
 3756986.71 |      0.00019     0.00019     0.00020     0.00020     0.00021     0.00021     0.00021     0.00021     0.00021
 3756956.71 |      0.00017     0.00018     0.00018     0.00019     0.00019     0.00019     0.00019     0.00019     0.00019
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                      ***        10/26/10
                                   ***                                                                   ***        14:41:17
                                                                                                                    PAGE  12

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NOX      IN PPM                                    **

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |    371964.48    371994.48    372024.48    372054.48    372084.48    372114.48    372144.48    372174.48    372204.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3756926.71 |      0.00016     0.00017     0.00017     0.00017     0.00017     0.00017     0.00017     0.00017     0.00017
 3756896.71 |      0.00015     0.00015     0.00015     0.00016     0.00016     0.00016     0.00016     0.00016     0.00016
 3756866.71 |      0.00014     0.00014     0.00014     0.00014     0.00014     0.00014     0.00014     0.00014     0.00014
 3756836.71 |      0.00013     0.00013     0.00013     0.00013     0.00013     0.00013     0.00013     0.00013     0.00013
 3756806.71 |      0.00012     0.00012     0.00012     0.00012     0.00012     0.00012     0.00012     0.00012     0.00012
 3756776.71 |      0.00011     0.00011     0.00011     0.00011     0.00011     0.00011     0.00011     0.00011     0.00011
 3756746.71 |      0.00011     0.00011     0.00011     0.00011     0.00011     0.00011     0.00010     0.00010     0.00010
 3756716.71 |      0.00010     0.00010     0.00010     0.00010     0.00010     0.00010     0.00010     0.00010     0.00010
 3756686.71 |      0.00009     0.00009     0.00009     0.00009     0.00009     0.00009     0.00009     0.00009     0.00009
 3756656.71 |      0.00009     0.00009     0.00009     0.00009     0.00009     0.00009     0.00009     0.00008     0.00008
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                      ***        10/26/10
                                   ***                                                                   ***        14:41:17
                                                                                                                    PAGE  13

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NOX      IN PPM                                    **

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |    372234.48    372264.48    372294.48    372324.48    372354.48    372384.48    372414.48    372444.48    372474.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3758126.71 |      0.00010     0.00011     0.00011     0.00011     0.00012     0.00012     0.00012     0.00012     0.00013
 3758096.71 |      0.00011     0.00011     0.00012     0.00012     0.00012     0.00013     0.00013     0.00013     0.00014
 3758066.71 |      0.00012     0.00012     0.00012     0.00013     0.00013     0.00014     0.00014     0.00015     0.00015
 3758036.71 |      0.00012     0.00013     0.00013     0.00014     0.00014     0.00015     0.00015     0.00016     0.00016
 3758006.71 |      0.00013     0.00014     0.00015     0.00015     0.00016     0.00016     0.00017     0.00017     0.00018
 3757976.71 |      0.00014     0.00015     0.00016     0.00016     0.00017     0.00018     0.00018     0.00019     0.00020
 3757946.71 |      0.00016     0.00016     0.00017     0.00018     0.00019     0.00020     0.00020     0.00021     0.00022
 3757916.71 |      0.00017     0.00018     0.00019     0.00020     0.00021     0.00022     0.00023     0.00023     0.00024
 3757886.71 |      0.00018     0.00020     0.00021     0.00022     0.00023     0.00024     0.00025     0.00026     0.00027
 3757856.71 |      0.00020     0.00021     0.00023     0.00024     0.00026     0.00027     0.00028     0.00030     0.00031
 3757826.71 |      0.00022     0.00024     0.00025     0.00027     0.00029     0.00031     0.00032     0.00034     0.00035
 3757796.71 |      0.00024     0.00026     0.00028     0.00030     0.00033     0.00035     0.00037     0.00039     0.00041
 3757766.71 |      0.00027     0.00029     0.00032     0.00034     0.00037     0.00040     0.00043     0.00046     0.00048
 3757736.71 |      0.00029     0.00032     0.00036     0.00039     0.00043     0.00047     0.00051     0.00054     0.00058
 3757706.71 |      0.00032     0.00036     0.00040     0.00045     0.00050     0.00056     0.00061     0.00066     0.00070
 3757676.71 |      0.00036     0.00041     0.00046     0.00052     0.00059     0.00067     0.00075     0.00082     0.00089
 3757646.71 |      0.00040     0.00046     0.00053     0.00061     0.00071     0.00082     0.00094     0.00105     0.00116
 3757616.71 |      0.00045     0.00052     0.00061     0.00072     0.00086     0.00103     0.00121     0.00139     0.00155
 3757586.71 |      0.00050     0.00059     0.00071     0.00086     0.00106     0.00130     0.00157     0.00184     0.00205
 3757556.71 |      0.00056     0.00068     0.00083     0.00104     0.00131     0.00163     0.00197     0.00000     0.00000
 3757526.71 |      0.00064     0.00078     0.00098     0.00126     0.00162     0.00198     0.00000     0.00000     0.00000
 3757496.71 |      0.00072     0.00089     0.00115     0.00153     0.00197     0.00000     0.00000     0.00000     0.00000
 3757466.71 |      0.00080     0.00101     0.00132     0.00180     0.00236     0.00000     0.00000     0.00000     0.00000
 3757436.71 |      0.00087     0.00111     0.00145     0.00197     0.00269     0.00000     0.00000     0.00000     0.00000
 3757406.71 |      0.00092     0.00116     0.00150     0.00198     0.00266     0.00323     0.00000     0.00000     0.00000
 3757376.71 |      0.00094     0.00116     0.00145     0.00184     0.00233     0.00285     0.00275     0.00000     0.00000
 3757346.71 |      0.00092     0.00111     0.00133     0.00160     0.00189     0.00218     0.00234     0.00219     0.00200
 3757316.71 |      0.00087     0.00101     0.00116     0.00133     0.00149     0.00162     0.00168     0.00165     0.00153
 3757286.71 |      0.00079     0.00089     0.00099     0.00108     0.00115     0.00120     0.00121     0.00118     0.00112
 3757256.71 |      0.00070     0.00077     0.00082     0.00087     0.00090     0.00091     0.00091     0.00088     0.00084
 3757226.71 |      0.00061     0.00065     0.00068     0.00071     0.00072     0.00072     0.00070     0.00069     0.00066
 3757196.71 |      0.00053     0.00055     0.00057     0.00058     0.00058     0.00058     0.00056     0.00055     0.00053
 3757166.71 |      0.00046     0.00047     0.00048     0.00048     0.00048     0.00047     0.00046     0.00045     0.00044
 3757136.71 |      0.00040     0.00040     0.00041     0.00041     0.00040     0.00040     0.00039     0.00038     0.00037
 3757106.71 |      0.00035     0.00035     0.00035     0.00035     0.00034     0.00034     0.00033     0.00033     0.00032
 3757076.71 |      0.00030     0.00030     0.00030     0.00030     0.00030     0.00029     0.00029     0.00028     0.00028
 3757046.71 |      0.00027     0.00027     0.00026     0.00026     0.00026     0.00026     0.00025     0.00025     0.00024
```

Site #14 – Localized NO_2 Concentrations

```
 3757016.71 |       0.00024      0.00024      0.00023      0.00023      0.00023      0.00023      0.00022      0.00022      0.00022
 3756986.71 |       0.00021      0.00021      0.00021      0.00021      0.00020      0.00020      0.00020      0.00020      0.00019
 3756956.71 |       0.00019      0.00019      0.00019      0.00019      0.00018      0.00018      0.00018      0.00018      0.00017
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                                ***        10/26/10
                                   ***                                                                              ***        14:41:17
                                                                                                                               PAGE  14

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                    **

   Y-COORD  |                                                 X-COORD (METERS)
   (METERS) |     372234.48    372264.48    372294.48    372324.48    372354.48    372384.48    372414.48    372444.48    372474.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3756926.71 |       0.00017      0.00017      0.00017      0.00017      0.00017      0.00016      0.00016      0.00016      0.00016
 3756896.71 |       0.00016      0.00015      0.00015      0.00015      0.00015      0.00015      0.00015      0.00015      0.00014
 3756866.71 |       0.00014      0.00014      0.00014      0.00014      0.00014      0.00014      0.00014      0.00013      0.00013
 3756836.71 |       0.00013      0.00013      0.00013      0.00013      0.00013      0.00013      0.00012      0.00012      0.00012
 3756806.71 |       0.00012      0.00012      0.00012      0.00012      0.00012      0.00012      0.00011      0.00011      0.00011
 3756776.71 |       0.00011      0.00011      0.00011      0.00011      0.00011      0.00011      0.00011      0.00011      0.00010
 3756746.71 |       0.00010      0.00010      0.00010      0.00010      0.00010      0.00010      0.00010      0.00010      0.00010
 3756716.71 |       0.00010      0.00010      0.00009      0.00009      0.00009      0.00009      0.00009      0.00009      0.00009
 3756686.71 |       0.00009      0.00009      0.00009      0.00009      0.00009      0.00009      0.00009      0.00009      0.00008
 3756656.71 |       0.00008      0.00008      0.00008      0.00008      0.00008      0.00008      0.00008      0.00008      0.00008
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                                ***        10/26/10
                                   ***                                                                              ***        14:41:17
                                                                                                                               PAGE  15

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                    **

   Y-COORD  |                                                 X-COORD (METERS)
   (METERS) |     372504.48    372534.48    372564.48    372594.48    372624.48    372654.48    372684.48    372714.48    372744.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3758126.71 |       0.00013      0.00013      0.00013      0.00013      0.00013      0.00013      0.00013      0.00013      0.00013
 3758096.71 |       0.00014      0.00014      0.00014      0.00014      0.00014      0.00014      0.00014      0.00014      0.00014
 3758066.71 |       0.00015      0.00015      0.00016      0.00016      0.00016      0.00016      0.00016      0.00015      0.00015
 3758036.71 |       0.00017      0.00017      0.00017      0.00017      0.00017      0.00017      0.00017      0.00017      0.00017
 3758006.71 |       0.00018      0.00018      0.00019      0.00019      0.00019      0.00019      0.00019      0.00018      0.00018
 3757976.71 |       0.00020      0.00020      0.00021      0.00021      0.00021      0.00021      0.00020      0.00020      0.00020
 3757946.71 |       0.00022      0.00023      0.00023      0.00023      0.00023      0.00023      0.00023      0.00022      0.00022
 3757916.71 |       0.00025      0.00025      0.00025      0.00026      0.00026      0.00025      0.00025      0.00025      0.00024
 3757886.71 |       0.00028      0.00028      0.00029      0.00029      0.00029      0.00028      0.00028      0.00028      0.00027
 3757856.71 |       0.00032      0.00032      0.00033      0.00033      0.00032      0.00032      0.00032      0.00031      0.00031
 3757826.71 |       0.00036      0.00037      0.00037      0.00037      0.00037      0.00037      0.00036      0.00036      0.00035
 3757796.71 |       0.00042      0.00043      0.00044      0.00044      0.00043      0.00043      0.00042      0.00041      0.00040
 3757766.71 |       0.00050      0.00051      0.00051      0.00051      0.00051      0.00050      0.00049      0.00047      0.00046
 3757736.71 |       0.00060      0.00061      0.00062      0.00062      0.00061      0.00059      0.00057      0.00055      0.00052
 3757706.71 |       0.00074      0.00076      0.00076      0.00076      0.00074      0.00071      0.00068      0.00064      0.00060
 3757676.71 |       0.00094      0.00096      0.00097      0.00095      0.00091      0.00086      0.00081      0.00075      0.00069
 3757646.71 |       0.00124      0.00128      0.00127      0.00122      0.00114      0.00105      0.00096      0.00086      0.00077
 3757616.71 |       0.00169      0.00176      0.00171      0.00159      0.00143      0.00127      0.00112      0.00097      0.00085
 3757586.71 |       0.00223      0.00245      0.00235      0.00208      0.00178      0.00150      0.00126      0.00107      0.00090
 3757556.71 |       0.00000      0.00287      0.00315      0.00264      0.00212      0.00170      0.00137      0.00112      0.00093
 3757526.71 |       0.00000      0.00000      0.00367      0.00314      0.00238      0.00182      0.00142      0.00113      0.00092
 3757496.71 |       0.00000      0.00000      0.00000      0.00333      0.00245      0.00181      0.00138      0.00108      0.00087
 3757466.71 |       0.00000      0.00000      0.00000      0.00293      0.00227      0.00166      0.00126      0.00098      0.00079
 3757436.71 |       0.00000      0.00000      0.00000      0.00224      0.00190      0.00142      0.00109      0.00086      0.00070
 3757406.71 |       0.00000      0.00000      0.00208      0.00180      0.00149      0.00117      0.00092      0.00075      0.00062
 3757376.71 |       0.00000      0.00206      0.00176      0.00145      0.00117      0.00095      0.00077      0.00064      0.00054
 3757346.71 |       0.00184      0.00162      0.00137      0.00114      0.00094      0.00078      0.00065      0.00055      0.00047
 3757316.71 |       0.00138      0.00122      0.00106      0.00090      0.00077      0.00065      0.00056      0.00048      0.00042
 3757286.71 |       0.00103      0.00093      0.00083      0.00073      0.00063      0.00055      0.00048      0.00042      0.00037
 3757256.71 |       0.00079      0.00073      0.00067      0.00060      0.00053      0.00047      0.00042      0.00037      0.00033
 3757226.71 |       0.00063      0.00059      0.00055      0.00050      0.00045      0.00041      0.00037      0.00033      0.00030
 3757196.71 |       0.00051      0.00049      0.00046      0.00042      0.00039      0.00036      0.00033      0.00030      0.00027
 3757166.71 |       0.00043      0.00041      0.00039      0.00036      0.00034      0.00031      0.00029      0.00027      0.00024
 3757136.71 |       0.00036      0.00035      0.00033      0.00032      0.00030      0.00028      0.00026      0.00024      0.00022
 3757106.71 |       0.00031      0.00030      0.00029      0.00028      0.00026      0.00025      0.00023      0.00022      0.00020
 3757076.71 |       0.00027      0.00026      0.00025      0.00025      0.00023      0.00022      0.00021      0.00020      0.00019
 3757046.71 |       0.00024      0.00023      0.00023      0.00022      0.00021      0.00020      0.00019      0.00018      0.00017
 3757016.71 |       0.00021      0.00021      0.00020      0.00020      0.00019      0.00018      0.00017      0.00017      0.00016
 3756986.71 |       0.00019      0.00019      0.00018      0.00018      0.00017      0.00017      0.00016      0.00015      0.00015
 3756956.71 |       0.00017      0.00017      0.00016      0.00016      0.00016      0.00015      0.00015      0.00014      0.00013
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                                ***        10/26/10
                                   ***                                                                              ***        14:41:17
                                                                                                                               PAGE  16

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                    **

   Y-COORD  |                                                 X-COORD (METERS)
   (METERS) |     372504.48    372534.48    372564.48    372594.48    372624.48    372654.48    372684.48    372714.48    372744.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3756926.71 |       0.00016      0.00015      0.00015      0.00015      0.00014      0.00014      0.00013      0.00013      0.00013
 3756896.71 |       0.00014      0.00014      0.00014      0.00013      0.00013      0.00013      0.00012      0.00012      0.00012
 3756866.71 |       0.00013      0.00013      0.00013      0.00012      0.00012      0.00012      0.00012      0.00011      0.00011
 3756836.71 |       0.00012      0.00012      0.00012      0.00011      0.00011      0.00011      0.00011      0.00010      0.00010
 3756806.71 |       0.00011      0.00011      0.00011      0.00011      0.00010      0.00010      0.00010      0.00010      0.00009
 3756776.71 |       0.00010      0.00010      0.00010      0.00010      0.00010      0.00009      0.00009      0.00009      0.00009
 3756746.71 |       0.00010      0.00009      0.00009      0.00009      0.00009      0.00009      0.00009      0.00009      0.00008
 3756716.71 |       0.00009      0.00009      0.00009      0.00009      0.00008      0.00008      0.00008      0.00008      0.00008
 3756686.71 |       0.00008      0.00008      0.00008      0.00008      0.00008      0.00008      0.00008      0.00008      0.00007
 3756656.71 |       0.00008      0.00008      0.00008      0.00008      0.00007      0.00007      0.00007      0.00007      0.00007
```

Site #14 – Localized NO_2 Concentrations

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372774.48	372804.48	372834.48	372864.48	372894.48	372924.48	372954.48	372984.48	373014.48
3758126.71	0.00013	0.00013	0.00013	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012
3758096.71	0.00014	0.00014	0.00014	0.00013	0.00013	0.00013	0.00013	0.00013	0.00013
3758066.71	0.00015	0.00015	0.00015	0.00015	0.00014	0.00014	0.00014	0.00014	0.00013
3758036.71	0.00016	0.00016	0.00016	0.00016	0.00015	0.00015	0.00015	0.00015	0.00015
3758006.71	0.00018	0.00018	0.00017	0.00017	0.00017	0.00017	0.00016	0.00016	0.00016
3757976.71	0.00020	0.00019	0.00019	0.00019	0.00018	0.00018	0.00018	0.00017	0.00017
3757946.71	0.00022	0.00021	0.00021	0.00020	0.00020	0.00020	0.00019	0.00019	0.00018
3757916.71	0.00024	0.00024	0.00023	0.00023	0.00022	0.00022	0.00021	0.00020	0.00020
3757886.71	0.00027	0.00026	0.00026	0.00025	0.00024	0.00024	0.00023	0.00022	0.00021
3757856.71	0.00030	0.00029	0.00028	0.00028	0.00027	0.00026	0.00025	0.00024	0.00023
3757826.71	0.00034	0.00033	0.00032	0.00031	0.00029	0.00028	0.00027	0.00025	0.00024
3757796.71	0.00038	0.00037	0.00035	0.00034	0.00032	0.00030	0.00029	0.00027	0.00025
3757766.71	0.00044	0.00042	0.00039	0.00037	0.00035	0.00033	0.00031	0.00029	0.00027
3757736.71	0.00050	0.00047	0.00044	0.00041	0.00038	0.00035	0.00032	0.00030	0.00028
3757706.71	0.00056	0.00052	0.00048	0.00044	0.00040	0.00037	0.00034	0.00031	0.00028
3757676.71	0.00063	0.00057	0.00051	0.00047	0.00042	0.00038	0.00035	0.00031	0.00029
3757646.71	0.00069	0.00061	0.00055	0.00049	0.00043	0.00039	0.00035	0.00032	0.00029
3757616.71	0.00074	0.00064	0.00056	0.00050	0.00044	0.00039	0.00035	0.00031	0.00028
3757586.71	0.00077	0.00066	0.00057	0.00050	0.00044	0.00038	0.00034	0.00030	0.00027
3757556.71	0.00078	0.00066	0.00056	0.00049	0.00042	0.00037	0.00033	0.00029	0.00026
3757526.71	0.00076	0.00063	0.00054	0.00046	0.00040	0.00036	0.00031	0.00028	0.00025
3757496.71	0.00071	0.00060	0.00051	0.00044	0.00038	0.00034	0.00030	0.00027	0.00024
3757466.71	0.00065	0.00055	0.00047	0.00041	0.00036	0.00031	0.00028	0.00025	0.00023
3757436.71	0.00059	0.00050	0.00043	0.00037	0.00033	0.00029	0.00026	0.00024	0.00021
3757406.71	0.00052	0.00045	0.00039	0.00034	0.00030	0.00027	0.00024	0.00022	0.00020
3757376.71	0.00046	0.00040	0.00035	0.00031	0.00028	0.00025	0.00023	0.00021	0.00019
3757346.71	0.00041	0.00036	0.00032	0.00029	0.00026	0.00023	0.00021	0.00019	0.00018
3757316.71	0.00037	0.00033	0.00029	0.00026	0.00024	0.00022	0.00020	0.00018	0.00017
3757286.71	0.00033	0.00030	0.00027	0.00024	0.00022	0.00020	0.00018	0.00017	0.00016
3757256.71	0.00030	0.00027	0.00024	0.00022	0.00020	0.00019	0.00017	0.00016	0.00015
3757226.71	0.00027	0.00025	0.00023	0.00021	0.00019	0.00017	0.00016	0.00015	0.00014
3757196.71	0.00025	0.00023	0.00021	0.00019	0.00018	0.00016	0.00015	0.00014	0.00013
3757166.71	0.00023	0.00021	0.00019	0.00018	0.00016	0.00015	0.00014	0.00013	0.00012
3757136.71	0.00021	0.00019	0.00018	0.00016	0.00015	0.00014	0.00013	0.00013	0.00012
3757106.71	0.00019	0.00018	0.00016	0.00015	0.00014	0.00013	0.00013	0.00012	0.00011
3757076.71	0.00017	0.00016	0.00015	0.00014	0.00013	0.00013	0.00012	0.00011	0.00011
3757046.71	0.00016	0.00015	0.00014	0.00013	0.00013	0.00012	0.00011	0.00011	0.00010
3757016.71	0.00015	0.00014	0.00013	0.00013	0.00012	0.00011	0.00011	0.00010	0.00010
3756986.71	0.00014	0.00013	0.00012	0.00012	0.00011	0.00011	0.00010	0.00010	0.00009
3756956.71	0.00013	0.00012	0.00012	0.00011	0.00011	0.00010	0.00010	0.00009	0.00009

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372774.48	372804.48	372834.48	372864.48	372894.48	372924.48	372954.48	372984.48	373014.48
3756926.71	0.00012	0.00011	0.00011	0.00010	0.00010	0.00009	0.00009	0.00009	0.00008
3756896.71	0.00011	0.00011	0.00010	0.00010	0.00009	0.00009	0.00009	0.00008	0.00008
3756866.71	0.00010	0.00010	0.00010	0.00009	0.00009	0.00009	0.00008	0.00008	0.00007
3756836.71	0.00010	0.00009	0.00009	0.00009	0.00008	0.00008	0.00008	0.00007	0.00007
3756806.71	0.00009	0.00009	0.00009	0.00008	0.00008	0.00008	0.00007	0.00007	0.00007
3756776.71	0.00009	0.00008	0.00008	0.00008	0.00008	0.00007	0.00007	0.00007	0.00007
3756746.71	0.00008	0.00008	0.00008	0.00007	0.00007	0.00007	0.00007	0.00006	0.00006
3756716.71	0.00008	0.00008	0.00007	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006
3756686.71	0.00007	0.00007	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006
3756656.71	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 373044.48	373074.48	373104.48	373134.48	373164.48
3758126.71	0.00012	0.00011	0.00011	0.00011	0.00011
3758096.71	0.00012	0.00012	0.00012	0.00012	0.00012
3758066.71	0.00013	0.00013	0.00013	0.00013	0.00012
3758036.71	0.00014	0.00014	0.00014	0.00013	0.00013
3758006.71	0.00015	0.00015	0.00015	0.00014	0.00014
3757976.71	0.00016	0.00016	0.00016	0.00015	0.00015
3757946.71	0.00018	0.00017	0.00017	0.00016	0.00015
3757916.71	0.00019	0.00018	0.00018	0.00017	0.00016
3757886.71	0.00020	0.00019	0.00019	0.00018	0.00017
3757856.71	0.00022	0.00021	0.00020	0.00019	0.00018
3757826.71	0.00023	0.00022	0.00020	0.00019	0.00018
3757796.71	0.00024	0.00022	0.00021	0.00020	0.00019
3757766.71	0.00025	0.00023	0.00022	0.00020	0.00019

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 3757736.71 |       0.00026      0.00024      0.00022      0.00020      0.00019
 3757706.71 |       0.00026      0.00024      0.00022      0.00020      0.00019
 3757676.71 |       0.00026      0.00024      0.00022      0.00020      0.00019
 3757646.71 |       0.00026      0.00024      0.00022      0.00020      0.00018
 3757616.71 |       0.00025      0.00023      0.00021      0.00019      0.00018
 3757586.71 |       0.00025      0.00022      0.00021      0.00019      0.00017
 3757556.71 |       0.00024      0.00022      0.00020      0.00018      0.00017
 3757526.71 |       0.00023      0.00021      0.00019      0.00017      0.00016
 3757496.71 |       0.00022      0.00020      0.00018      0.00017      0.00015
 3757466.71 |       0.00021      0.00019      0.00017      0.00016      0.00015
 3757436.71 |       0.00019      0.00018      0.00016      0.00015      0.00014
 3757406.71 |       0.00018      0.00017      0.00016      0.00014      0.00013
 3757376.71 |       0.00017      0.00016      0.00015      0.00014      0.00013
 3757346.71 |       0.00016      0.00015      0.00014      0.00013      0.00012
 3757316.71 |       0.00015      0.00014      0.00013      0.00012      0.00012
 3757286.71 |       0.00014      0.00013      0.00013      0.00012      0.00011
 3757256.71 |       0.00014      0.00013      0.00012      0.00011      0.00011
 3757226.71 |       0.00013      0.00012      0.00011      0.00011      0.00010
 3757196.71 |       0.00012      0.00012      0.00011      0.00010      0.00010
 3757166.71 |       0.00012      0.00011      0.00010      0.00010      0.00009
 3757136.71 |       0.00011      0.00010      0.00010      0.00009      0.00009
 3757106.71 |       0.00011      0.00010      0.00009      0.00009      0.00008
 3757076.71 |       0.00010      0.00010      0.00009      0.00009      0.00008
 3757046.71 |       0.00010      0.00009      0.00009      0.00008      0.00008
 3757016.71 |       0.00009      0.00009      0.00008      0.00008      0.00008
 3756986.71 |       0.00009      0.00008      0.00008      0.00008      0.00007
 3756956.71 |       0.00008      0.00008      0.00008      0.00007      0.00007
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                    ***        10/26/10
                                   ***                                                                  ***        14:41:17
                                                                                                                   PAGE  20

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NOX      IN PPM                                    **

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     373044.48    373074.48    373104.48    373134.48    373164.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3756926.71 |       0.00008      0.00008      0.00007      0.00007      0.00007
 3756896.71 |       0.00007      0.00007      0.00007      0.00007      0.00006
 3756866.71 |       0.00007      0.00007      0.00007      0.00006      0.00006
 3756836.71 |       0.00007      0.00007      0.00006      0.00006      0.00006
 3756806.71 |       0.00007      0.00006      0.00006      0.00006      0.00006
 3756776.71 |       0.00006      0.00006      0.00006      0.00006      0.00005
 3756746.71 |       0.00006      0.00006      0.00006      0.00005      0.00005
 3756716.71 |       0.00006      0.00006      0.00005      0.00005      0.00005
 3756686.71 |       0.00006      0.00005      0.00005      0.00005      0.00005
 3756656.71 |       0.00005      0.00005      0.00005      0.00005      0.00005
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                    ***        10/26/10
                                   ***                                                                  ***        14:41:17
                                                                                                                   PAGE  21

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF NOX      IN PPM                                    **

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)        CONC
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372149.67    3757202.57       0.00046                     372200.97    3757196.42       0.00050
       372734.43    3757083.57       0.00019                     372746.74    3757147.17       0.00023
       372767.26    3757192.31       0.00025                     372894.46    3757118.45       0.00015
       372371.27    3757725.77       0.00048
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                    ***        10/26/10
                                   ***                                                                  ***        14:41:17
                                                                                                                   PAGE  22

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |     371694.48              371724.48              371754.48              371784.48              371814.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758126.7 |      0.00374 (05010409)     0.00367 (05010409)     0.00344 (05010409)     0.00309 (05010409)     0.00317 (06090407)
3758096.7 |      0.00373 (05010409)     0.00384 (05010409)     0.00379 (05010409)     0.00358 (05010409)     0.00322 (05010409)
3758066.7 |      0.00364 (07090907)     0.00379 (05010409)     0.00393 (05010409)     0.00391 (05010409)     0.00371 (05010409)
3758036.7 |      0.00435 (07090907)     0.00394 (07090907)     0.00384 (05010409)     0.00402 (05010409)     0.00403 (05010409)
3758006.7 |      0.00491 (07090907)     0.00465 (07090907)     0.00426 (07090907)     0.00388 (05010409)     0.00411 (05010409)
3757976.7 |      0.00519 (07090907)     0.00514 (07090907)     0.00494 (07090907)     0.00459 (07090907)     0.00411 (07090907)
3757946.7 |      0.00514 (07090907)     0.00533 (07090907)     0.00536 (07090907)     0.00523 (07090907)     0.00493 (07090907)
3757916.7 |      0.00474 (07090907)     0.00514 (07090907)     0.00542 (07090907)     0.00555 (07090907)     0.00551 (07090907)
3757886.7 |      0.00406 (07090907)     0.00460 (07090907)     0.00508 (07090907)     0.00546 (07090907)     0.00570 (07090907)
3757856.7 |      0.00321 (07090907)     0.00380 (07090907)     0.00439 (07090907)     0.00496 (07090907)     0.00544 (07090907)
3757826.7 |      0.00235 (07090907)     0.00289 (07090907)     0.00349 (07090907)     0.00413 (07090907)     0.00477 (07090907)
3757796.7 |      0.00240 (06090102)     0.00247 (06090102)     0.00254 (07090907)     0.00315 (07090907)     0.00381 (07090907)
3757766.7 |      0.00234 (06090102)     0.00251 (06090102)     0.00265 (06090102)     0.00275 (06090102)     0.00280 (06090102)
3757736.7 |      0.00211 (06120524)     0.00231 (06090102)     0.00254 (06090102)     0.00275 (06090102)     0.00294 (06090102)
3757706.7 |      0.00242 (06120524)     0.00246 (06120524)     0.00247 (06120524)     0.00247 (06090102)     0.00276 (06090102)
3757676.7 |      0.00256 (06100301)     0.00261 (06120524)     0.00273 (06120524)     0.00282 (06120524)     0.00288 (06120524)
3757646.7 |      0.00262 (06100301)     0.00276 (06100301)     0.00289 (06100301)     0.00300 (06100301)     0.00310 (06100301)
3757616.7 |      0.00266 (07091603)     0.00277 (07091603)     0.00288 (07091603)     0.00299 (06100301)     0.00319 (06100301)
3757586.7 |      0.00255 (07091603)     0.00272 (07091603)     0.00289 (07091603)     0.00306 (07091603)     0.00324 (07091603)
3757556.7 |      0.00262 (07081605)     0.00273 (05042101)     0.00286 (05042101)     0.00299 (05042101)     0.00313 (05042101)
3757526.7 |      0.00260 (07081605)     0.00274 (07081605)     0.00289 (07081605)     0.00304 (07081605)     0.00321 (07081605)
3757496.7 |      0.00298 (07110908)     0.00304 (07110908)     0.00310 (07110908)     0.00316 (07110908)     0.00323 (07110908)
3757466.7 |      0.00332 (07110908)     0.00339 (07110908)     0.00347 (07110908)     0.00355 (07110908)     0.00364 (07110908)
3757436.7 |      0.00335 (07110908)     0.00342 (07110908)     0.00349 (07110908)     0.00357 (07110908)     0.00365 (07110908)
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3757406.7 |      0.00307 (07110908)      0.00311 (07110908)      0.00316 (07110908)      0.00321 (07110908)      0.00326 (07110908)
3757376.7 |      0.00295 (06070206)      0.00308 (06070206)      0.00321 (06070206)      0.00335 (06070206)      0.00348 (06070206)
3757346.7 |      0.00327 (06070206)      0.00334 (06070206)      0.00342 (06070206)      0.00348 (06070206)      0.00354 (06070206)
3757316.7 |      0.00316 (06070206)      0.00316 (06070206)      0.00328 (07082903)      0.00345 (07082903)      0.00361 (07082903)
3757286.7 |      0.00297 (07082903)      0.00306 (07082903)      0.00314 (07082903)      0.00319 (07082903)      0.00323 (07082903)
3757256.7 |      0.00264 (07082903)      0.00271 (05101822)      0.00285 (05101822)      0.00297 (05101822)      0.00307 (05101822)
3757226.7 |      0.00256 (05101822)      0.00262 (05101822)      0.00283 (07030608)      0.00305 (07030608)      0.00326 (07030608)
3757196.7 |      0.00281 (07030608)      0.00300 (07030608)      0.00317 (07030608)      0.00331 (07030608)      0.00341 (07030608)
3757166.7 |      0.00307 (07030608)      0.00318 (07030608)      0.00325 (07030608)      0.00327 (07030608)      0.00325 (07030608)
3757136.7 |      0.00309 (07030608)      0.00310 (07030608)      0.00306 (07030608)      0.00297 (07030608)      0.00284 (07012320)
3757106.7 |      0.00288 (07030608)      0.00279 (07030608)      0.00265 (07030608)      0.00272 (06111722)      0.00285 (06111722)
3757076.7 |      0.00249 (07030608)      0.00246 (06111722)      0.00258 (06111722)      0.00264 (06111722)      0.00300 (06053107)
3757046.7 |      0.00234 (06111722)      0.00240 (06111722)      0.00272 (06053107)      0.00311 (06053107)      0.00346 (06053107)
3757016.7 |      0.00247 (06053107)      0.00283 (06053107)      0.00318 (06053107)      0.00352 (07070106)      0.00428 (07070106)
3756986.7 |      0.00292 (06053107)      0.00322 (06053107)      0.00364 (07070106)      0.00437 (07070106)      0.00512 (07070106)
3756956.7 |      0.00324 (06053107)      0.00374 (07070106)      0.00444 (07070106)      0.00514 (07070106)      0.00580 (07070106)
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***       10/26/10
                                  ***                                                                        ***       14:41:17
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**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       371694.48              371724.48              371754.48              371784.48              371814.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756926.7 |      0.00383 (07070106)      0.00449 (07070106)      0.00514 (07070106)      0.00575 (07070106)      0.00624 (07070106)
3756896.7 |      0.00453 (07070106)      0.00514 (07070106)      0.00568 (07070106)      0.00612 (07070106)      0.00640 (07070106)
3756866.7 |      0.00512 (07070106)      0.00561 (07070106)      0.00599 (07070106)      0.00623 (07070106)      0.00627 (07070106)
3756836.7 |      0.00553 (07070106)      0.00587 (07070106)      0.00606 (07070106)      0.00607 (07070106)      0.00589 (07070106)
3756806.7 |      0.00575 (07070106)      0.00590 (07070106)      0.00589 (07070106)      0.00570 (07070106)      0.00533 (07070106)
3756776.7 |      0.00575 (07070106)      0.00571 (07070106)      0.00551 (07070106)      0.00515 (07070106)      0.00465 (07070106)
3756746.7 |      0.00554 (07070106)      0.00534 (07070106)      0.00499 (07070106)      0.00451 (07070106)      0.00394 (07070106)
3756716.7 |      0.00517 (07070106)      0.00483 (07070106)      0.00437 (07070106)      0.00382 (07070106)      0.00369 (06090207)
3756686.7 |      0.00468 (07070106)      0.00424 (07070106)      0.00372 (07070106)      0.00363 (06090207)      0.00339 (06090207)
3756656.7 |      0.00411 (07070106)      0.00362 (07070106)      0.00356 (06090207)      0.00335 (06090207)      0.00299 (06090207)
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***       10/26/10
                                  ***                                                                        ***       14:41:17
                                                                                                                       PAGE  24

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       371844.48              371874.48              371904.48              371934.48              371964.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758126.7 |      0.00393 (06090407)      0.00463 (06090407)      0.00517 (06090407)      0.00545 (06090407)      0.00539 (06090407)
3758096.7 |      0.00332 (06090407)      0.00412 (06090407)      0.00484 (06090407)      0.00537 (06090407)      0.00560 (06090407)
3758066.7 |      0.00335 (05010409)      0.00348 (06090407)      0.00432 (06090407)      0.00506 (06090407)      0.00558 (06090407)
3758036.7 |      0.00386 (05010409)      0.00350 (05010409)      0.00366 (06090407)      0.00454 (06090407)      0.00529 (06090407)
3758006.7 |      0.00416 (05010409)      0.00401 (05010409)      0.00365 (05010409)      0.00385 (06090407)      0.00477 (06090407)
3757976.7 |      0.00420 (05010409)      0.00429 (05010409)      0.00416 (05010409)      0.00382 (05010409)      0.00406 (06090407)
3757946.7 |      0.00447 (07090907)      0.00428 (05010409)      0.00442 (05010409)      0.00433 (05010409)      0.00399 (05010409)
3757916.7 |      0.00527 (07090907)      0.00485 (07090907)      0.00435 (05010409)      0.00455 (05010409)      0.00450 (05010409)
3757886.7 |      0.00576 (07090907)      0.00561 (07090907)      0.00525 (07090907)      0.00470 (07090907)      0.00468 (05010409)
3757856.7 |      0.00580 (07090907)      0.00598 (07090907)      0.00593 (07090907)      0.00565 (07090907)      0.00514 (07090907)
3757826.7 |      0.00536 (07090907)      0.00583 (07090907)      0.00614 (07090907)      0.00623 (07090907)      0.00605 (07090907)
3757796.7 |      0.00451 (07090907)      0.00519 (07090907)      0.00579 (07090907)      0.00624 (07090907)      0.00647 (07090907)
3757766.7 |      0.00344 (07090907)      0.00418 (07090907)      0.00493 (07090907)      0.00565 (07090907)      0.00625 (07090907)
3757736.7 |      0.00308 (06090102)      0.00316 (06090102)      0.00378 (07090907)      0.00459 (07090907)      0.00542 (07090907)
3757706.7 |      0.00303 (06090102)      0.00328 (06090102)      0.00347 (06090102)      0.00361 (06090102)      0.00417 (07090907)
3757676.7 |      0.00292 (06120524)      0.00300 (06090102)      0.00335 (06090102)      0.00367 (06090102)      0.00395 (06090102)
3757646.7 |      0.00320 (06120524)      0.00334 (06120524)      0.00345 (06120524)      0.00352 (06120524)      0.00372 (06090102)
3757616.7 |      0.00338 (06100301)      0.00356 (06100301)      0.00373 (06100301)      0.00387 (06100301)      0.00404 (06120524)
3757586.7 |      0.00342 (07091603)      0.00359 (07091603)      0.00376 (07091603)      0.00401 (06100301)      0.00429 (06100301)
3757556.7 |      0.00327 (05042101)      0.00349 (07091603)      0.00376 (07091603)      0.00404 (07091603)      0.00433 (07091603)
3757526.7 |      0.00339 (07081605)      0.00358 (07081605)      0.00378 (07081605)      0.00400 (05042101)      0.00426 (05042101)
3757496.7 |      0.00334 (05092201)      0.00353 (05092201)      0.00372 (05092201)      0.00394 (05092201)      0.00418 (05092201)
3757466.7 |      0.00373 (07110908)      0.00382 (07110908)      0.00392 (07110908)      0.00414 (07091605)      0.00441 (07091605)
3757436.7 |      0.00373 (07110908)      0.00382 (07110908)      0.00391 (07110908)      0.00406 (06111920)      0.00431 (06111920)
3757406.7 |      0.00331 (07110908)      0.00343 (07091002)      0.00369 (07091002)      0.00398 (07091002)      0.00429 (07091002)
3757376.7 |      0.00360 (06070206)      0.00373 (06070206)      0.00387 (07102602)      0.00420 (07102602)      0.00458 (07082903)
3757346.7 |      0.00372 (07082903)      0.00399 (07082903)      0.00426 (07082903)      0.00452 (07082903)      0.00477 (07082903)
3757316.7 |      0.00376 (07082903)      0.00389 (07082903)      0.00399 (07082903)      0.00407 (07082903)      0.00422 (05101822)
3757286.7 |      0.00333 (05101822)      0.00351 (05101822)      0.00367 (05101822)      0.00379 (05101822)      0.00399 (07031304)
3757256.7 |      0.00315 (05101822)      0.00333 (07030608)      0.00358 (07031304)      0.00383 (07031304)      0.00404 (06060203)
3757226.7 |      0.00344 (07030608)      0.00358 (07030608)      0.00367 (07030608)      0.00378 (06060203)      0.00393 (07012320)
3757196.7 |      0.00347 (07030608)      0.00346 (07030608)      0.00346 (07012320)      0.00360 (07012320)      0.00386 (06111722)
3757166.7 |      0.00317 (07030608)      0.00318 (07012320)      0.00340 (06111722)      0.00357 (06111722)      0.00371 (05043001)
3757136.7 |      0.00303 (06111722)      0.00318 (06111722)      0.00325 (05043001)      0.00371 (07070106)      0.00471 (07070106)
3757106.7 |      0.00291 (06111722)      0.00332 (06053107)      0.00389 (07070106)      0.00485 (07070106)      0.00586 (07070106)
3757076.7 |      0.00341 (06053107)      0.00404 (07070106)      0.00495 (07070106)      0.00589 (07070106)      0.00677 (07070106)
3757046.7 |      0.00417 (07070106)      0.00503 (07070106)      0.00589 (07070106)      0.00668 (07070106)      0.00730 (07070106)
3757016.7 |      0.00509 (07070106)      0.00588 (07070106)      0.00658 (07070106)      0.00712 (07070106)      0.00740 (07070106)
3756986.7 |      0.00585 (07070106)      0.00647 (07070106)      0.00693 (07070106)      0.00715 (07070106)      0.00708 (07070106)
3756956.7 |      0.00636 (07070106)      0.00675 (07070106)      0.00691 (07070106)      0.00681 (07070106)      0.00643 (07070106)
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***       10/26/10
                                  ***                                                                        ***       14:41:17
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**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                              X-COORD (METERS)
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(METERS)	371844.48	371874.48	371904.48	371934.48	371964.48
3756926.7	0.00657 (07070106)	0.00669 (07070106)	0.00656 (07070106)	0.00618 (07070106)	0.00556 (07070106)
3756896.7	0.00647 (07070106)	0.00632 (07070106)	0.00594 (07070106)	0.00535 (07070106)	0.00461 (07070106)
3756866.7	0.00610 (07070106)	0.00572 (07070106)	0.00516 (07070106)	0.00446 (07070106)	0.00404 (06090207)
3756836.7	0.00552 (07070106)	0.00498 (07070106)	0.00432 (07070106)	0.00397 (06090207)	0.00355 (06090207)
3756806.7	0.00481 (07070106)	0.00418 (07070106)	0.00390 (06090207)	0.00353 (06090207)	0.00298 (06090207)
3756776.7	0.00406 (07070106)	0.00383 (06090207)	0.00349 (06090207)	0.00299 (06090207)	0.00239 (06090207)
3756746.7	0.00376 (06090207)	0.00346 (06090207)	0.00300 (06090207)	0.00243 (06090207)	0.00221 (05050324)
3756716.7	0.00343 (06090207)	0.00300 (06090207)	0.00246 (06090207)	0.00203 (05050324)	0.00232 (07070203)
3756686.7	0.00299 (06090207)	0.00249 (06090207)	0.00195 (06090207)	0.00208 (07070203)	0.00248 (06090107)
3756656.7	0.00252 (06090207)	0.00200 (06090207)	0.00193 (05050324)	0.00225 (06090107)	0.00269 (06090107)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 371994.48	372024.48	372054.48	372084.48	372114.48
3758126.7	0.00499 (06090407)	0.00430 (06090407)	0.00369 (06042607)	0.00423 (06042607)	0.00440 (06042607)
3758096.7	0.00547 (06090407)	0.00497 (06090407)	0.00418 (06090407)	0.00404 (06042607)	0.00445 (06042607)
3758066.7	0.00575 (06090407)	0.00553 (06090407)	0.00492 (06090407)	0.00404 (06090407)	0.00436 (06042607)
3758036.7	0.00578 (06090407)	0.00589 (06090407)	0.00557 (06090407)	0.00485 (06090407)	0.00412 (06042607)
3758006.7	0.00554 (06090407)	0.00600 (06090407)	0.00602 (06090407)	0.00558 (06090407)	0.00474 (06090407)
3757976.7	0.00502 (06090407)	0.00579 (06090407)	0.00621 (06090407)	0.00614 (06090407)	0.00557 (06090407)
3757946.7	0.00429 (06090407)	0.00529 (06090407)	0.00606 (06090407)	0.00642 (06090407)	0.00623 (06090407)
3757916.7	0.00418 (05010409)	0.00454 (06090407)	0.00558 (06090407)	0.00634 (06090407)	0.00662 (06090407)
3757886.7	0.00468 (05010409)	0.00437 (05010409)	0.00480 (06090407)	0.00588 (06090407)	0.00663 (06090407)
3757856.7	0.00480 (05010409)	0.00486 (05010409)	0.00460 (05010409)	0.00510 (06090407)	0.00621 (06090407)
3757826.7	0.00561 (07090907)	0.00494 (07090907)	0.00506 (05010409)	0.00485 (05010409)	0.00542 (06090407)
3757796.7	0.00643 (07090907)	0.00609 (07090907)	0.00547 (07090907)	0.00528 (05010409)	0.00511 (05010409)
3757766.7	0.00666 (07090907)	0.00678 (07090907)	0.00657 (07090907)	0.00602 (07090907)	0.00550 (05010409)
3757736.7	0.00617 (07090907)	0.00675 (07090907)	0.00706 (07090907)	0.00703 (07090907)	0.00661 (07090907)
3757706.7	0.00507 (07090907)	0.00596 (07090907)	0.00673 (07090907)	0.00726 (07090907)	0.00745 (07090907)
3757676.7	0.00416 (06090102)	0.00463 (07090907)	0.00563 (07090907)	0.00659 (07090907)	0.00736 (07090907)
3757646.7	0.00415 (06090102)	0.00454 (06090102)	0.00485 (06090102)	0.00520 (07090907)	0.00632 (07090907)
3757616.7	0.00422 (06120524)	0.00435 (06120524)	0.00473 (06090102)	0.00527 (06090102)	0.00575 (06090102)
3757586.7	0.00457 (06100301)	0.00482 (06100301)	0.00505 (06100301)	0.00533 (06120524)	0.00558 (06120524)
3757556.7	0.00463 (07091603)	0.00493 (07091603)	0.00526 (06100301)	0.00573 (06100301)	0.00619 (06100301)
3757526.7	0.00454 (05042101)	0.00484 (05042101)	0.00521 (07091603)	0.00572 (07091603)	0.00627 (07091603)
3757496.7	0.00445 (07081605)	0.00481 (07081605)	0.00521 (07081605)	0.00566 (07081605)	0.00616 (07081605)
3757466.7	0.00471 (07091605)	0.00505 (07091605)	0.00544 (07091605)	0.00588 (07091605)	0.00639 (07091605)
3757436.7	0.00460 (06111920)	0.00491 (06111920)	0.00526 (06111920)	0.00567 (06111920)	0.00613 (06111920)
3757406.7	0.00463 (07091002)	0.00499 (07091002)	0.00539 (07091002)	0.00586 (07082903)	0.00656 (07082903)
3757376.7	0.00500 (07082903)	0.00543 (07082903)	0.00588 (07082903)	0.00633 (07082903)	0.00677 (07082903)
3757346.7	0.00500 (07082903)	0.00520 (07082903)	0.00537 (07082903)	0.00562 (05101822)	0.00598 (05101822)
3757316.7	0.00447 (05101822)	0.00468 (05101822)	0.00498 (07031304)	0.00546 (07031304)	0.00591 (06060203)
3757286.7	0.00435 (07031304)	0.00467 (07031304)	0.00502 (06060203)	0.00533 (06060203)	0.00565 (07012320)
3757256.7	0.00433 (06060203)	0.00452 (06060203)	0.00478 (07012320)	0.00518 (06111722)	0.00545 (06111722)
3757226.7	0.00412 (07012320)	0.00444 (06111722)	0.00467 (06111722)	0.00542 (07070106)	0.00686 (07070106)
3757196.7	0.00406 (06111722)	0.00435 (07070106)	0.00559 (07070106)	0.00690 (07070106)	0.00816 (07070106)
3757166.7	0.00455 (07070106)	0.00571 (07070106)	0.00691 (07070106)	0.00801 (07070106)	0.00883 (07070106)
3757136.7	0.00580 (07070106)	0.00689 (07070106)	0.00785 (07070106)	0.00852 (07070106)	0.00876 (07070106)
3757106.7	0.00684 (07070106)	0.00767 (07070106)	0.00823 (07070106)	0.00838 (07070106)	0.00805 (07070106)
3757076.7	0.00749 (07070106)	0.00794 (07070106)	0.00802 (07070106)	0.00767 (07070106)	0.00690 (07070106)
3757046.7	0.00767 (07070106)	0.00768 (07070106)	0.00732 (07070106)	0.00658 (07070106)	0.00557 (07070106)
3757016.7	0.00737 (07070106)	0.00700 (07070106)	0.00630 (07070106)	0.00535 (07070106)	0.00437 (06090207)
3756986.7	0.00670 (07070106)	0.00603 (07070106)	0.00514 (07070106)	0.00430 (06090207)	0.00364 (05083004)
3756956.7	0.00579 (07070106)	0.00495 (07070106)	0.00424 (06090207)	0.00360 (06090207)	0.00343 (07070203)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 371994.48	372024.48	372054.48	372084.48	372114.48
3756926.7	0.00478 (07070106)	0.00417 (06090207)	0.00360 (06090207)	0.00306 (05083004)	0.00362 (07070203)
3756896.7	0.00411 (06090207)	0.00359 (06090207)	0.00292 (05083004)	0.00322 (07070203)	0.00363 (07070203)
3756866.7	0.00357 (06090207)	0.00293 (06090207)	0.00285 (07070203)	0.00332 (07070203)	0.00348 (07070203)
3756836.7	0.00296 (06090207)	0.00256 (05050324)	0.00301 (07070203)	0.00328 (07070203)	0.00344 (06090107)
3756806.7	0.00238 (05083004)	0.00271 (07070203)	0.00305 (07070203)	0.00330 (06090107)	0.00333 (06090107)
3756776.7	0.00242 (07070203)	0.00281 (07070203)	0.00313 (06090107)	0.00328 (06090107)	0.00311 (06090107)
3756746.7	0.00256 (07070203)	0.00293 (06090107)	0.00319 (06090107)	0.00316 (06090107)	0.00310 (05102108)
3756716.7	0.00271 (06090107)	0.00305 (06090107)	0.00315 (06090107)	0.00295 (06090107)	0.00317 (05102108)
3756686.7	0.00288 (06090107)	0.00308 (06090107)	0.00301 (06090107)	0.00297 (05102108)	0.00316 (05102108)
3756656.7	0.00297 (06090107)	0.00301 (06090107)	0.00280 (06090107)	0.00304 (05102108)	0.00311 (07032008)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372144.48	372174.48	372204.48	372234.48	372264.48

```
3758126.7 |      0.00464 (06090607)      0.00555 (06090607)      0.00598 (06090607)      0.00579 (06090607)      0.00502 (06090607)
3758096.7 |      0.00443 (06042607)      0.00532 (06090607)      0.00601 (06090607)      0.00608 (06090607)      0.00549 (06090607)
3758066.7 |      0.00461 (06042607)      0.00498 (06090607)      0.00592 (06090607)      0.00628 (06090607)      0.00593 (06090607)
3758036.7 |      0.00464 (06042607)      0.00467 (06042607)      0.00570 (06090607)      0.00637 (06090607)      0.00630 (06090607)
3758006.7 |      0.00450 (06042607)      0.00483 (06042607)      0.00536 (06090607)      0.00632 (06090607)      0.00659 (06090607)
3757976.7 |      0.00459 (06090407)      0.00483 (06042607)      0.00493 (06042607)      0.00613 (06090607)      0.00675 (06090607)
3757946.7 |      0.00551 (06090407)      0.00464 (06042607)      0.00509 (06042607)      0.00578 (06090607)      0.00677 (06090607)
3757916.7 |      0.00630 (06090407)      0.00542 (06090407)      0.00505 (06042607)      0.00529 (06090607)      0.00661 (06090607)
3757886.7 |      0.00681 (06090407)      0.00634 (06090407)      0.00528 (06090407)      0.00539 (06042607)      0.00627 (06090607)
3757856.7 |      0.00692 (06090407)      0.00699 (06090407)      0.00633 (06090407)      0.00530 (06042607)      0.00577 (06090607)
3757826.7 |      0.00657 (06090407)      0.00722 (06090407)      0.00714 (06090407)      0.00629 (06090407)      0.00574 (06042607)
3757796.7 |      0.00576 (06090407)      0.00695 (06090407)      0.00753 (06090407)      0.00728 (06090407)      0.00622 (06090407)
3757766.7 |      0.00540 (05010409)      0.00618 (06090407)      0.00737 (06090407)      0.00785 (06090407)      0.00740 (06090407)
3757736.7 |      0.00585 (07090907)      0.00584 (06071402)      0.00664 (06090407)      0.00783 (06090407)      0.00818 (06090407)
3757706.7 |      0.00722 (07090907)      0.00656 (07090907)      0.00660 (06071402)      0.00715 (06090407)      0.00834 (06090407)
3757676.7 |      0.00781 (07090907)      0.00781 (07090907)      0.00733 (07090907)      0.00753 (06071402)      0.00778 (06090407)
3757646.7 |      0.00733 (07090907)      0.00807 (07090907)      0.00838 (07090907)      0.00816 (07090907)      0.00869 (06071402)
3757616.7 |      0.00609 (06090102)      0.00715 (07090907)      0.00822 (07090907)      0.00893 (07090907)      0.00913 (07090907)
3757586.7 |      0.00623 (06090102)      0.00696 (06090102)      0.00755 (06090102)      0.00838 (06062903)      0.00955 (07090907)
3757556.7 |      0.00664 (06100301)      0.00706 (06100301)      0.00756 (06120524)      0.00868 (06090102)      0.00975 (06090102)
3757526.7 |      0.00686 (07091603)      0.00750 (07091603)      0.00831 (06100301)      0.00925 (06100301)      0.01025 (06100301)
3757496.7 |      0.00676 (05042101)      0.00747 (05042101)      0.00829 (05042101)      0.00927 (07091603)      0.01064 (07091603)
3757466.7 |      0.00698 (07091605)      0.00768 (07091605)      0.00852 (07091605)      0.00954 (07091605)      0.01082 (07091605)
3757436.7 |      0.00667 (06111920)      0.00740 (07091002)      0.00832 (07091002)      0.00942 (07091002)      0.01103 (07082903)
3757406.7 |      0.00733 (07082903)      0.00817 (07082903)      0.00908 (07082903)      0.01008 (07082903)      0.01118 (07082903)
3757376.7 |      0.00720 (07082903)      0.00761 (07082903)      0.00806 (05101822)      0.00892 (07031304)      0.01011 (06060203)
3757346.7 |      0.00646 (07031304)      0.00714 (07031304)      0.00789 (06060203)      0.00855 (07012320)      0.00957 (06111722)
3757316.7 |      0.00640 (06060203)      0.00683 (07012320)      0.00753 (06111722)      0.00839 (07070106)      0.01032 (07070106)
3757286.7 |      0.00616 (06111722)      0.00661 (07070106)      0.00841 (07070106)      0.01005 (07070106)      0.01114 (07070106)
3757256.7 |      0.00676 (07070106)      0.00836 (07070106)      0.00975 (07070106)      0.01060 (07070106)      0.01062 (07070106)
3757226.7 |      0.00828 (07070106)      0.00945 (07070106)      0.01010 (07070106)      0.01000 (07070106)      0.00907 (07070106)
3757196.7 |      0.00914 (07070106)      0.00962 (07070106)      0.00943 (07070106)      0.00853 (07070106)      0.00705 (07070106)
3757166.7 |      0.00917 (07070106)      0.00893 (07070106)      0.00806 (07070106)      0.00669 (07070106)      0.00649 (07070203)
3757136.7 |      0.00847 (07070106)      0.00763 (07070106)      0.00637 (07070106)      0.00555 (05083004)      0.00648 (07070203)
3757106.7 |      0.00725 (07070106)      0.00608 (07070106)      0.00507 (05083004)      0.00568 (07070203)      0.00607 (07070203)
3757076.7 |      0.00581 (07070106)      0.00464 (05083004)      0.00493 (07070203)      0.00555 (07070203)      0.00568 (06041124)
3757046.7 |      0.00445 (06090207)      0.00424 (07070203)      0.00500 (07070203)      0.00512 (07070203)      0.00520 (06041124)
3757016.7 |      0.00389 (05083004)      0.00445 (07070203)      0.00479 (07070203)      0.00489 (06041124)      0.00493 (07072705)
3756986.7 |      0.00392 (07070203)      0.00442 (07070203)      0.00448 (06041124)      0.00450 (07072705)      0.00451 (07072705)
3756956.7 |      0.00402 (07070203)      0.00416 (07070203)      0.00426 (06041124)      0.00430 (07072705)      0.00439 (06090606)
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        14:41:17
                                                                                                                        PAGE  29
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NOX      IN PPM                                      **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372144.48              372174.48              372204.48              372234.48              372264.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756926.7 |      0.00391 (07070203)      0.00396 (06041124)      0.00395 (07072705)      0.00398 (07072705)      0.00418 (06090606)
3756896.7 |      0.00364 (07070203)      0.00376 (06041124)      0.00380 (07072705)      0.00383 (06090606)      0.00388 (06090606)
3756866.7 |      0.00354 (06041124)      0.00351 (07072705)      0.00362 (05102108)      0.00370 (06090606)      0.00354 (06090606)
3756836.7 |      0.00335 (06041124)      0.00349 (05102108)      0.00354 (07032008)      0.00350 (06090606)      0.00328 (06090204)
3756806.7 |      0.00326 (05102108)      0.00344 (05102108)      0.00339 (07032008)      0.00325 (06090606)      0.00309 (05042905)
3756776.7 |      0.00331 (05102108)      0.00337 (07032008)      0.00317 (07032008)      0.00297 (06090204)      0.00297 (05042905)
3756746.7 |      0.00329 (05102108)      0.00326 (07032008)      0.00298 (06090606)      0.00280 (06090204)      0.00284 (06041123)
3756716.7 |      0.00323 (07032008)      0.00309 (07032008)      0.00276 (06090606)      0.00268 (06061607)      0.00273 (06041123)
3756686.7 |      0.00315 (07032008)      0.00287 (07032008)      0.00263 (06061607)      0.00258 (06061607)      0.00260 (06041123)
3756656.7 |      0.00301 (07032008)      0.00263 (07032008)      0.00257 (06061607)      0.00247 (06061607)      0.00245 (06041123)
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        14:41:17
                                                                                                                        PAGE  30
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NOX      IN PPM                                      **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372294.48              372324.48              372354.48              372384.48              372414.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758126.7 |      0.00387 (06090607)      0.00264 (06090607)      0.00307 (05052102)      0.00325 (07072704)      0.00327 (07090806)
3758096.7 |      0.00439 (06090607)      0.00310 (06090607)      0.00319 (05052102)      0.00340 (07072704)      0.00346 (07090806)
3758066.7 |      0.00494 (06090607)      0.00362 (06090607)      0.00330 (05052102)      0.00355 (07072704)      0.00366 (07090806)
3758036.7 |      0.00549 (06090607)      0.00418 (06090607)      0.00340 (05052102)      0.00373 (05052102)      0.00387 (07072704)
3758006.7 |      0.00602 (06090607)      0.00479 (06090607)      0.00349 (05052102)      0.00394 (05052102)      0.00413 (07072704)
3757976.7 |      0.00650 (06090607)      0.00542 (06090607)      0.00390 (06090607)      0.00416 (05052102)      0.00440 (07072704)
3757946.7 |      0.00689 (06090607)      0.00605 (06090607)      0.00456 (06090607)      0.00438 (05052102)      0.00469 (07072704)
3757916.7 |      0.00715 (06090607)      0.00664 (06090607)      0.00527 (06090607)      0.00461 (05052102)      0.00500 (07072704)
3757886.7 |      0.00724 (06090607)      0.00716 (06090607)      0.00602 (06090607)      0.00483 (05052102)      0.00534 (07072704)
3757856.7 |      0.00716 (06090607)      0.00757 (06090607)      0.00676 (06090607)      0.00508 (06090607)      0.00570 (07072704)
3757826.7 |      0.00686 (06090607)      0.00779 (06090607)      0.00745 (06090607)      0.00594 (06090607)      0.00609 (05052102)
3757796.7 |      0.00637 (06090607)      0.00781 (06090607)      0.00802 (06090607)      0.00684 (06090607)      0.00659 (05052102)
3757766.7 |      0.00659 (05082505)      0.00758 (06090607)      0.00843 (06090607)      0.00773 (06090607)      0.00712 (05052102)
3757736.7 |      0.00749 (06090407)      0.00730 (06100302)      0.00863 (06090607)      0.00858 (06090607)      0.00771 (05052102)
3757706.7 |      0.00854 (06090407)      0.00835 (05082505)      0.00860 (06090607)      0.00935 (06090607)      0.00895 (06070502)
3757676.7 |      0.00897 (06090407)      0.00919 (05082505)      0.00937 (05082505)      0.01031 (07062501)      0.01035 (06070502)
3757646.7 |      0.00889 (05082506)      0.00989 (06090407)      0.01089 (05082505)      0.01117 (07062501)      0.01205 (07062501)
3757616.7 |      0.01018 (06071402)      0.01058 (05082506)      0.01174 (05082505)      0.01304 (05082505)      0.01418 (07062501)
3757586.7 |      0.01043 (07090907)      0.01221 (06071402)      0.01312 (06071402)      0.01505 (05082505)      0.01641 (07062501)
3757556.7 |      0.01108 (07062723)      0.01269 (07062723)      0.01517 (06071402)      0.01722 (06071402)      0.02018 (05082505)
3757526.7 |      0.01140 (06090102)      0.01347 (06090102)      0.01609 (07062723)      0.02007 (06071402)      0.00000 (00000000)
3757496.7 |      0.01230 (07091603)      0.01444 (06100301)      0.01740 (06100301)      0.00000 (00000000)      0.00000 (00000000)
3757466.7 |      0.01248 (07091605)      0.01473 (07091605)      0.01795 (07091605)      0.00000 (00000000)      0.00000 (00000000)
3757436.7 |      0.01303 (07082903)      0.01556 (07082903)      0.01895 (07082903)      0.00000 (00000000)      0.00000 (00000000)
3757406.7 |      0.01242 (07082903)      0.01389 (07082903)      0.01657 (06060203)      0.02006 (06111722)      0.00000 (00000000)
3757376.7 |      0.01135 (06060203)      0.01298 (06111722)      0.01490 (07091205)      0.01835 (07081202)      0.02176 (07070203)
3757346.7 |      0.01059 (07070106)      0.01242 (07070106)      0.01407 (07081202)      0.01557 (07070203)      0.01791 (07070203)
3757316.7 |      0.01172 (07070106)      0.01212 (07070106)      0.01228 (06090101)      0.01414 (07070203)      0.01490 (06090606)
3757286.7 |      0.01131 (07070106)      0.01037 (07070106)      0.01140 (07070203)      0.01227 (06041124)      0.01273 (06090606)
3757256.7 |      0.00967 (07070106)      0.00925 (07070203)      0.01041 (07070203)      0.01068 (07072705)      0.01068 (06090606)
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3757226.7 |      0.00780 (05083004)      0.00896 (07070203)      0.00930 (06041124)      0.00963 (06090606)      0.00946 (07081701)
3757196.7 |      0.00766 (07070203)      0.00814 (06041124)      0.00835 (07072705)      0.00849 (06090606)      0.00873 (07081701)
3757166.7 |      0.00730 (07070203)      0.00743 (06041124)      0.00768 (06090606)      0.00742 (05042905)      0.00806 (07081701)
3757136.7 |      0.00671 (06041124)      0.00682 (07072705)      0.00701 (06090606)      0.00681 (06041123)      0.00744 (07081701)
3757106.7 |      0.00614 (06041124)      0.00631 (06090606)      0.00623 (06090606)      0.00620 (06041123)      0.00686 (07081701)
3757076.7 |      0.00574 (07072705)      0.00592 (06090606)      0.00563 (05042905)      0.00581 (07081701)      0.00631 (07081701)
3757046.7 |      0.00528 (06090606)      0.00541 (06090606)      0.00526 (06041123)      0.00556 (07081701)      0.00580 (07081701)
3757016.7 |      0.00507 (06090606)      0.00484 (06090204)      0.00490 (06041123)      0.00530 (07081701)      0.00532 (07081701)
3756986.7 |      0.00473 (06090606)      0.00447 (05042905)      0.00452 (06041123)      0.00503 (07081701)      0.00487 (07081701)
3756956.7 |      0.00432 (06090606)      0.00422 (05042905)      0.00419 (07081701)      0.00475 (07081701)      0.00446 (07081701)
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***       10/26/10
                                  ***                                                                        ***       14:41:17
                                                                                                                       PAGE  31

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372294.48              372324.48              372354.48              372384.48              372414.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756926.7 |      0.00393 (06090204)      0.00400 (06041123)      0.00410 (07081701)      0.00448 (07081701)      0.00415 (07042623)
3756896.7 |      0.00367 (05042905)      0.00375 (06041123)      0.00398 (07081701)      0.00421 (07081701)      0.00390 (07042623)
3756866.7 |      0.00351 (05042905)      0.00348 (06041123)      0.00385 (07081701)      0.00394 (07081701)      0.00366 (07042623)
3756836.7 |      0.00334 (06041123)      0.00321 (06041123)      0.00371 (07081701)      0.00369 (07081701)      0.00345 (07072801)
3756806.7 |      0.00317 (06041123)      0.00315 (07081701)      0.00356 (07081701)      0.00344 (07081701)      0.00338 (06082207)
3756776.7 |      0.00299 (06041123)      0.00310 (07081701)      0.00341 (07081701)      0.00321 (07081701)      0.00333 (06082207)
3756746.7 |      0.00279 (06041123)      0.00304 (07081701)      0.00325 (07081701)      0.00298 (07081701)      0.00328 (06082207)
3756716.7 |      0.00259 (06041123)      0.00297 (07081701)      0.00308 (07081701)      0.00284 (07042623)      0.00324 (06082207)
3756686.7 |      0.00249 (07081701)      0.00289 (07081701)      0.00292 (07081701)      0.00271 (07042623)      0.00319 (06082207)
3756656.7 |      0.00248 (07081701)      0.00280 (07081701)      0.00276 (07081701)      0.00270 (06082207)      0.00315 (06082207)
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***       10/26/10
                                  ***                                                                        ***       14:41:17
                                                                                                                       PAGE  32

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372444.48              372474.48              372504.48              372534.48              372564.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758126.7 |      0.00321 (05082924)      0.00327 (07072603)      0.00325 (07072603)      0.00320 (07091802)      0.00314 (07040123)
3758096.7 |      0.00340 (05082924)      0.00345 (07072603)      0.00342 (07072603)      0.00337 (07091802)      0.00332 (07040123)
3758066.7 |      0.00360 (05082924)      0.00365 (07072603)      0.00361 (07072603)      0.00355 (07091802)      0.00350 (07040123)
3758036.7 |      0.00383 (05082924)      0.00387 (07072603)      0.00381 (07072603)      0.00375 (07091802)      0.00370 (07040123)
3758006.7 |      0.00408 (05082924)      0.00411 (07072603)      0.00404 (07072603)      0.00397 (07091802)      0.00390 (07040123)
3757976.7 |      0.00435 (05082924)      0.00438 (07072603)      0.00429 (07072603)      0.00420 (07091802)      0.00410 (07040123)
3757946.7 |      0.00465 (05082924)      0.00468 (07072603)      0.00456 (07072603)      0.00446 (07040123)      0.00431 (07040123)
3757916.7 |      0.00499 (05082924)      0.00502 (07072603)      0.00487 (07072603)      0.00481 (07040123)      0.00452 (07040123)
3757886.7 |      0.00536 (05082924)      0.00540 (07072603)      0.00523 (07091802)      0.00519 (07040123)      0.00474 (07040123)
3757856.7 |      0.00580 (07090806)      0.00584 (07072603)      0.00567 (07091802)      0.00561 (07040123)      0.00496 (07040123)
3757826.7 |      0.00632 (07090806)      0.00635 (07072603)      0.00618 (07091802)      0.00605 (07040123)      0.00539 (07122005)
3757796.7 |      0.00692 (07090806)      0.00694 (07072603)      0.00676 (07091802)      0.00655 (07040123)      0.00595 (07062524)
3757766.7 |      0.00763 (07072704)      0.00763 (07072603)      0.00743 (07091802)      0.00709 (07040123)      0.00693 (07062524)
3757736.7 |      0.00847 (07072704)      0.00847 (07072603)      0.00823 (07091802)      0.00769 (07040123)      0.00795 (07062524)
3757706.7 |      0.00946 (07072704)      0.00949 (07072603)      0.00917 (07091802)      0.00836 (07040123)      0.00895 (07062524)
3757676.7 |      0.01065 (07072704)      0.01076 (07072603)      0.01035 (07040123)      0.00990 (07062524)      0.00989 (07062524)
3757646.7 |      0.01212 (07072704)      0.01240 (07072603)      0.01192 (07040123)      0.01174 (07062524)      0.01092 (07091723)
3757616.7 |      0.01403 (07072704)      0.01462 (07072603)      0.01395 (07040123)      0.01376 (07062524)      0.01260 (05082807)
3757586.7 |      0.01730 (07062501)      0.01779 (07072603)      0.01674 (07062524)      0.01609 (05082807)      0.01486 (07070124)
3757556.7 |      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.02030 (05082807)      0.01715 (07062424)
3757526.7 |      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.02241 (05082707)
3757496.7 |      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)
3757466.7 |      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)
3757436.7 |      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)
3757406.7 |      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.02165 (05041521)
3757376.7 |      0.00000 (00000000)      0.00000 (00000000)      0.00000 (00000000)      0.02367 (07090807)      0.01914 (05062305)
3757346.7 |      0.01893 (07081701)      0.01915 (07081701)      0.01861 (07051822)      0.01821 (06053105)      0.01684 (07090807)
3757316.7 |      0.01574 (07081701)      0.01535 (05083003)      0.01480 (07103023)      0.01527 (06053105)      0.01478 (07090807)
3757286.7 |      0.01343 (07081701)      0.01289 (06111620)      0.01236 (07103023)      0.01262 (07051822)      0.01241 (07090807)
3757256.7 |      0.01163 (07081701)      0.01109 (06111620)      0.01056 (05042102)      0.01066 (07051822)      0.01107 (06053105)
3757226.7 |      0.01017 (07081701)      0.00970 (06111620)      0.00936 (05042102)      0.00928 (05091702)      0.00958 (06053105)
3757196.7 |      0.00894 (07081701)      0.00861 (06111620)      0.00840 (05042102)      0.00833 (07103023)      0.00845 (07051822)
3757166.7 |      0.00789 (07081701)      0.00774 (07081604)      0.00761 (05042102)      0.00750 (07103023)      0.00740 (07051822)
3757136.7 |      0.00707 (05083003)      0.00702 (07081604)      0.00695 (05042102)      0.00673 (07103023)      0.00671 (05091702)
3757106.7 |      0.00650 (05083003)      0.00641 (07081604)      0.00638 (05042102)      0.00604 (07103023)      0.00612 (05091702)
3757076.7 |      0.00600 (05083003)      0.00590 (07081604)      0.00588 (05042102)      0.00541 (07103023)      0.00566 (07103023)
3757046.7 |      0.00556 (05083003)      0.00545 (07081604)      0.00545 (05042102)      0.00484 (07103023)      0.00527 (07103023)
3757016.7 |      0.00517 (05083003)      0.00506 (07081604)      0.00507 (05042102)      0.00448 (05042102)      0.00488 (07103023)
3756986.7 |      0.00482 (05083003)      0.00471 (07081604)      0.00473 (05042102)      0.00424 (05042102)      0.00450 (07103023)
3756956.7 |      0.00451 (05083003)      0.00441 (07081604)      0.00443 (05042102)      0.00402 (05042102)      0.00414 (07103023)
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***       10/26/10
                                  ***                                                                        ***       14:41:17
                                                                                                                       PAGE  33

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372444.48              372474.48              372504.48              372534.48              372564.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756926.7 |      0.00422 (05083003)      0.00413 (07081604)      0.00416 (05042102)      0.00382 (05042102)      0.00379 (07103023)
3756896.7 |      0.00396 (05083003)      0.00389 (07081604)      0.00391 (05042102)      0.00364 (05042102)      0.00347 (07103023)
3756866.7 |      0.00380 (06082207)      0.00367 (07081604)      0.00369 (05042102)      0.00347 (05042102)      0.00317 (07103023)
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3756836.7 |      0.00371 (06082207)      0.00347 (07081604)      0.00348 (05042102)      0.00331 (05042102)      0.00289 (07103023)
3756806.7 |      0.00362 (06082207)      0.00332 (06082207)      0.00329 (05042102)      0.00316 (05042102)      0.00264 (07103023)
3756776.7 |      0.00353 (06082207)      0.00322 (06082207)      0.00312 (05042102)      0.00302 (05042102)      0.00255 (05042102)
3756746.7 |      0.00345 (06082207)      0.00313 (06082207)      0.00296 (05042102)      0.00289 (05042102)      0.00248 (05042102)
3756716.7 |      0.00337 (06082207)      0.00305 (06082207)      0.00282 (05042102)      0.00277 (05042102)      0.00240 (05042102)
3756686.7 |      0.00330 (06082207)      0.00297 (06082207)      0.00268 (05042102)      0.00266 (05042102)      0.00233 (05042102)
3756656.7 |      0.00323 (06082207)      0.00290 (06082207)      0.00256 (05042102)      0.00255 (05042102)      0.00226 (05042102)
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***       10/26/10
                                  ***                                                                        ***       14:41:17
                                                                                                                       PAGE  34
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NOX      IN PPM                                      **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |      372594.48             372624.48             372654.48             372684.48             372714.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758126.7 |      0.00299 (07040123)      0.00262 (07122005)      0.00276 (07122005)      0.00289 (07062524)      0.00308 (07062524)
3758096.7 |      0.00309 (07040123)      0.00284 (07122005)      0.00289 (07122005)      0.00316 (07062524)      0.00322 (07062524)
3758066.7 |      0.00319 (07040123)      0.00306 (07122005)      0.00309 (07062524)      0.00342 (07062524)      0.00361 (05082807)
3758036.7 |      0.00328 (07040123)      0.00327 (07122005)      0.00344 (07062524)      0.00364 (07062524)      0.00432 (05082807)
3758006.7 |      0.00337 (07040123)      0.00347 (07122005)      0.00379 (07062524)      0.00381 (07062524)      0.00506 (05082807)
3757976.7 |      0.00362 (07122005)      0.00372 (07062524)      0.00411 (07062524)      0.00452 (05082807)      0.00578 (05082807)
3757946.7 |      0.00394 (07122005)      0.00418 (07062524)      0.00440 (07062524)      0.00534 (05082807)      0.00642 (05082807)
3757916.7 |      0.00426 (07122005)      0.00465 (07062524)      0.00474 (05082807)      0.00614 (05082807)      0.00691 (05082807)
3757886.7 |      0.00461 (07062524)      0.00509 (07062524)      0.00566 (05082807)      0.00684 (05082807)      0.00716 (05082807)
3757856.7 |      0.00526 (07062524)      0.00547 (07062524)      0.00657 (05082807)      0.00736 (05082807)      0.00713 (05082807)
3757826.7 |      0.00592 (07062524)      0.00608 (05082807)      0.00735 (05082807)      0.00760 (05082807)      0.00678 (05082807)
3757796.7 |      0.00655 (07062524)      0.00710 (05082807)      0.00791 (05082807)      0.00750 (05082807)      0.00613 (05082807)
3757766.7 |      0.00710 (07062524)      0.00798 (05082807)      0.00813 (05082807)      0.00704 (05082807)      0.00557 (07070124)
3757736.7 |      0.00782 (05082807)      0.00860 (05082807)      0.00794 (05082807)      0.00652 (07070124)      0.00615 (06090306)
3757706.7 |      0.00891 (05082807)      0.00884 (05082807)      0.00765 (07070124)      0.00694 (06090306)      0.00670 (06102522)
3757676.7 |      0.00977 (05082807)      0.00897 (07070124)      0.00794 (06090306)      0.00767 (06102522)      0.00882 (05082707)
3757646.7 |      0.01057 (07070124)      0.00938 (07070124)      0.00893 (06102522)      0.00992 (05082707)      0.01092 (05082707)
3757616.7 |      0.01168 (07070124)      0.01064 (06102522)      0.01119 (05082707)      0.01186 (05082707)      0.01168 (05082707)
3757586.7 |      0.01311 (06102522)      0.01296 (05082707)      0.01294 (05082707)      0.01211 (05082707)      0.01064 (05082707)
3757556.7 |      0.01607 (05082707)      0.01459 (05082707)      0.01264 (05082707)      0.01042 (05082707)      0.00884 (07112919)
3757526.7 |      0.01789 (05082707)      0.01384 (07072804)      0.01181 (07112919)      0.01007 (07112919)      0.00902 (05071903)
3757496.7 |      0.01758 (05091722)      0.01473 (05091722)      0.01261 (05091722)      0.01095 (05091722)      0.00959 (05091722)
3757466.7 |      0.01924 (06112321)      0.01559 (06112321)      0.01311 (06112321)      0.01130 (06112321)      0.00992 (06112321)
3757436.7 |      0.01797 (07081802)      0.01468 (06112321)      0.01250 (06112321)      0.01090 (06112321)      0.00967 (06112321)
3757406.7 |      0.01740 (05041521)      0.01441 (07081802)      0.01236 (07081802)      0.01051 (07081802)      0.00884 (07081802)
3757376.7 |      0.01597 (07062901)      0.01378 (05041521)      0.01170 (07082904)      0.01021 (07082904)      0.00927 (07081802)
3757346.7 |      0.01461 (05062305)      0.01273 (07062901)      0.01105 (05041521)      0.01009 (05041521)      0.00883 (07082904)
3757316.7 |      0.01351 (07090807)      0.01183 (05062305)      0.01054 (07062901)      0.00920 (07062901)      0.00862 (05041521)
3757286.7 |      0.01312 (07090807)      0.01168 (07090807)      0.00993 (05062305)      0.00893 (07062901)      0.00810 (07062901)
3757256.7 |      0.01197 (07090807)      0.01209 (07090807)      0.01039 (07090807)      0.00854 (05062305)      0.00769 (07062901)
3757226.7 |      0.01029 (07090807)      0.01165 (07090807)      0.01122 (07090807)      0.00930 (07090807)      0.00748 (05062305)
3757196.7 |      0.00865 (06053105)      0.01051 (07090807)      0.01124 (07090807)      0.01035 (07090807)      0.00830 (07090807)
3757166.7 |      0.00774 (06053105)      0.00893 (07090807)      0.01054 (07090807)      0.01071 (07090807)      0.00949 (07090807)
3757136.7 |      0.00689 (07051822)      0.00721 (07090807)      0.00932 (07090807)      0.01038 (07090807)      0.01009 (07090807)
3757106.7 |      0.00627 (07051822)      0.00647 (06053105)      0.00784 (07090807)      0.00951 (07090807)      0.01007 (07090807)
3757076.7 |      0.00559 (07051822)      0.00575 (06053105)      0.00632 (07090807)      0.00829 (07090807)      0.00951 (07090807)
3757046.7 |      0.00515 (05091702)      0.00536 (07051822)      0.00553 (06053105)      0.00692 (07090807)      0.00856 (07090807)
3757016.7 |      0.00482 (05091702)      0.00492 (07051822)      0.00502 (06053105)      0.00558 (07090807)      0.00739 (07090807)
3756986.7 |      0.00447 (05091702)      0.00444 (07051822)      0.00461 (07051822)      0.00502 (05102308)      0.00615 (07090807)
3756956.7 |      0.00420 (07103023)      0.00411 (05091702)      0.00433 (07051822)      0.00457 (05102308)      0.00506 (05102308)
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***       10/26/10
                                  ***                                                                        ***       14:41:17
                                                                                                                       PAGE  35
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NOX      IN PPM                                      **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |      372594.48             372624.48             372654.48             372684.48             372714.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756926.7 |      0.00398 (07103023)      0.00392 (05091702)      0.00400 (07051822)      0.00406 (05102308)      0.00477 (05102308)
3756896.7 |      0.00375 (07103023)      0.00370 (05091702)      0.00364 (07051822)      0.00382 (07051822)      0.00438 (05102308)
3756866.7 |      0.00353 (07103023)      0.00347 (05091702)      0.00337 (05091702)      0.00360 (07051822)      0.00394 (05102308)
3756836.7 |      0.00330 (07103023)      0.00327 (07103023)      0.00326 (05091702)      0.00335 (07051822)      0.00347 (05102308)
3756806.7 |      0.00308 (07103023)      0.00314 (07103023)      0.00312 (05091702)      0.00306 (07051822)      0.00323 (07051822)
3756776.7 |      0.00287 (07103023)      0.00300 (07103023)      0.00296 (05091702)      0.00282 (05091702)      0.00306 (07051822)
3756746.7 |      0.00266 (07103023)      0.00286 (07103023)      0.00279 (05091702)      0.00275 (05091702)      0.00285 (07051822)
3756716.7 |      0.00247 (07103023)      0.00271 (07103023)      0.00264 (07103023)      0.00266 (05091702)      0.00262 (07051822)
3756686.7 |      0.00228 (07103023)      0.00256 (07103023)      0.00256 (07103023)      0.00256 (05091702)      0.00240 (05091702)
3756656.7 |      0.00211 (07103023)      0.00241 (07103023)      0.00247 (07103023)      0.00244 (05091702)      0.00236 (05091702)
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***       10/26/10
                                  ***                                                                        ***       14:41:17
                                                                                                                       PAGE  36
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NOX      IN PPM                                      **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |      372744.48             372774.48             372804.48             372834.48             372864.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758126.7 |      0.00349 (05082807)      0.00458 (05082807)      0.00541 (05082807)      0.00580 (05082807)      0.00568 (05082807)
3758096.7 |      0.00414 (05082807)      0.00517 (05082807)      0.00582 (05082807)      0.00593 (05082807)      0.00551 (05082807)
3758066.7 |      0.00480 (05082807)      0.00571 (05082807)      0.00610 (05082807)      0.00589 (05082807)      0.00517 (05082807)
3758036.7 |      0.00546 (05082807)      0.00615 (05082807)      0.00621 (05082807)      0.00566 (05082807)      0.00469 (05082807)
3758006.7 |      0.00605 (05082807)      0.00643 (05082807)      0.00611 (05082807)      0.00525 (05082807)      0.00409 (05082807)
3757976.7 |      0.00651 (05082807)      0.00650 (05082807)      0.00580 (05082807)      0.00467 (05082807)      0.00341 (05082807)
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Site #14 – Localized NO_2 Concentrations

```
3757946.7 |      0.00678 (05082807)      0.00634 (05082807)      0.00529 (05082807)      0.00397 (05082807)      0.00292 (06090306)
3757916.7 |      0.00681 (05082807)      0.00593 (05082807)      0.00461 (05082807)      0.00333 (07070124)      0.00344 (06090306)
3757886.7 |      0.00656 (05082807)      0.00530 (05082807)      0.00381 (05082807)      0.00370 (06090306)      0.00380 (06090306)
3757856.7 |      0.00603 (05082807)      0.00449 (05082807)      0.00400 (06090306)      0.00414 (06090306)      0.00397 (06102522)
3757826.7 |      0.00527 (05082807)      0.00433 (06090306)      0.00452 (06090306)      0.00434 (06102522)      0.00499 (05082707)
3757796.7 |      0.00476 (07070124)      0.00497 (06090306)      0.00478 (06102522)      0.00558 (05082707)      0.00680 (05082707)
3757766.7 |      0.00551 (06090306)      0.00530 (06102522)      0.00624 (05082707)      0.00752 (05082707)      0.00847 (05082707)
3757736.7 |      0.00593 (06102522)      0.00700 (05082707)      0.00829 (05082707)      0.00917 (05082707)      0.00954 (05082707)
3757706.7 |      0.00785 (05082707)      0.00913 (05082707)      0.00987 (05082707)      0.01002 (05082707)      0.00961 (05082707)
3757676.7 |      0.01001 (05082707)      0.01055 (05082707)      0.01041 (05082707)      0.00969 (05082707)      0.00857 (05082707)
3757646.7 |      0.01116 (05082707)      0.01066 (05082707)      0.00959 (05082707)      0.00820 (05082707)      0.00671 (05082707)
3757616.7 |      0.01074 (05082707)      0.00930 (05082707)      0.00765 (05082707)      0.00602 (05082707)      0.00536 (07112919)
3757586.7 |      0.00882 (05082707)      0.00695 (07072804)      0.00645 (07112919)      0.00585 (07112919)      0.00521 (07112919)
3757556.7 |      0.00792 (07112919)      0.00696 (07112919)      0.00623 (05071903)      0.00592 (05071903)      0.00559 (05071903)
3757526.7 |      0.00823 (05071903)      0.00752 (05091722)      0.00694 (05091722)      0.00639 (05091722)      0.00588 (05091722)
3757496.7 |      0.00845 (05091722)      0.00765 (06061524)      0.00700 (06061524)      0.00645 (06061524)      0.00596 (06061524)
3757466.7 |      0.00883 (06112321)      0.00794 (06112321)      0.00720 (06112321)      0.00658 (06112321)      0.00605 (06112321)
3757436.7 |      0.00870 (06112321)      0.00790 (06112321)      0.00723 (06112321)      0.00665 (06112321)      0.00616 (06112321)
3757406.7 |      0.00749 (07031508)      0.00690 (07031508)      0.00641 (07031508)      0.00596 (07031508)      0.00555 (07031508)
3757376.7 |      0.00832 (07081802)      0.00736 (07081802)      0.00641 (07081802)      0.00613 (07031508)      0.00596 (07031508)
3757346.7 |      0.00796 (07082904)      0.00722 (07081802)      0.00675 (07081802)      0.00620 (07081802)      0.00559 (07081802)
3757316.7 |      0.00790 (05041521)      0.00703 (07082904)      0.00649 (07082904)      0.00587 (07081201)      0.00555 (07081802)
3757286.7 |      0.00725 (05041521)      0.00702 (05041521)      0.00642 (05041521)      0.00580 (07082904)      0.00543 (07082904)
3757256.7 |      0.00720 (07062901)      0.00626 (05090403)      0.00612 (05041521)      0.00588 (05041521)      0.00536 (05041521)
3757226.7 |      0.00669 (07062901)      0.00645 (07062901)      0.00569 (07062901)      0.00575 (07091107)      0.00550 (07091107)
3757196.7 |      0.00663 (05062305)      0.00587 (07062901)      0.00580 (07062901)      0.00527 (07062901)      0.00544 (07091107)
3757166.7 |      0.00743 (07090807)      0.00595 (05062305)      0.00554 (06081607)      0.00524 (07062901)      0.00488 (07062901)
3757136.7 |      0.00866 (07090807)      0.00664 (07090807)      0.00553 (06081607)      0.00533 (06081607)      0.00475 (07062901)
3757106.7 |      0.00942 (07090807)      0.00787 (07090807)      0.00594 (07090807)      0.00531 (06081607)      0.00514 (06081607)
3757076.7 |      0.00965 (07090807)      0.00875 (07090807)      0.00715 (07090807)      0.00532 (07090807)      0.00511 (06081607)
3757046.7 |      0.00937 (07090807)      0.00917 (07090807)      0.00808 (07090807)      0.00648 (07090807)      0.00477 (07090807)
3757016.7 |      0.00868 (07090807)      0.00912 (07090807)      0.00864 (07090807)      0.00744 (07090807)      0.00588 (07090807)
3756986.7 |      0.00772 (07090807)      0.00867 (07090807)      0.00879 (07090807)      0.00810 (07090807)      0.00684 (07090807)
3756956.7 |      0.00662 (07090807)      0.00791 (07090807)      0.00855 (07090807)      0.00840 (07090807)      0.00756 (07090807)
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                              ***       10/26/10
                                  ***                                                                            ***       14:41:17
                                                                                                                           PAGE  37

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                      **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372744.48              372774.48              372804.48              372834.48              372864.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756926.7 |      0.00550 (07090807)      0.00697 (07090807)      0.00799 (07090807)      0.00834 (07090807)      0.00798 (07090807)
3756896.7 |      0.00480 (05102308)      0.00595 (07090807)      0.00721 (07090807)      0.00797 (07090807)      0.00807 (07090807)
3756866.7 |      0.00456 (05102308)      0.00494 (07090807)      0.00631 (07090807)      0.00735 (07090807)      0.00786 (07090807)
3756836.7 |      0.00423 (05102308)      0.00458 (05102308)      0.00537 (07090807)      0.00658 (07090807)      0.00741 (07090807)
3756806.7 |      0.00384 (05102308)      0.00438 (05102308)      0.00447 (07090807)      0.00573 (07090807)      0.00677 (07090807)
3756776.7 |      0.00342 (05102308)      0.00409 (05102308)      0.00438 (05102308)      0.00487 (07090807)      0.00602 (07090807)
3756746.7 |      0.00299 (05102308)      0.00374 (05102308)      0.00421 (05102308)      0.00427 (05102308)      0.00522 (07090807)
3756716.7 |      0.00278 (07051822)      0.00336 (05102308)      0.00395 (05102308)      0.00420 (05102308)      0.00443 (07090807)
3756686.7 |      0.00264 (07051822)      0.00297 (05102308)      0.00364 (05102308)      0.00405 (05102308)      0.00409 (05102308)
3756656.7 |      0.00247 (07051822)      0.00258 (05102308)      0.00330 (05102308)      0.00383 (05102308)      0.00404 (05102308)
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                              ***       10/26/10
                                  ***                                                                            ***       14:41:17
                                                                                                                           PAGE  38

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                      **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372894.48              372924.48              372954.48              372984.48              373014.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758126.7 |      0.00508 (05082807)      0.00420 (05082807)      0.00321 (05082807)      0.00228 (05082807)      0.00192 (06090306)
3758096.7 |      0.00468 (05082807)      0.00366 (05082807)      0.00265 (05082807)      0.00200 (06090306)      0.00224 (06090306)
3758066.7 |      0.00416 (05082807)      0.00307 (05082807)      0.00222 (07070124)      0.00236 (06090306)      0.00250 (06090306)
3758036.7 |      0.00355 (05082807)      0.00250 (07070124)      0.00248 (06090306)      0.00265 (06090306)      0.00265 (06090306)
3758006.7 |      0.00291 (05082807)      0.00262 (06090306)      0.00282 (06090306)      0.00283 (06090306)      0.00272 (06102522)
3757976.7 |      0.00277 (06090306)      0.00301 (06090306)      0.00303 (06090306)      0.00291 (06102522)      0.00296 (05082707)
3757946.7 |      0.00321 (06090306)      0.00326 (06090306)      0.00313 (06102522)      0.00327 (05082707)      0.00415 (05082707)
3757916.7 |      0.00351 (06090306)      0.00337 (06102522)      0.00362 (05082707)      0.00458 (05082707)      0.00550 (05082707)
3757886.7 |      0.00365 (06102522)      0.00402 (05082707)      0.00505 (05082707)      0.00601 (05082707)      0.00680 (05082707)
3757856.7 |      0.00447 (05082707)      0.00557 (05082707)      0.00656 (05082707)      0.00733 (05082707)      0.00782 (05082707)
3757826.7 |      0.00616 (05082707)      0.00716 (05082707)      0.00789 (05082707)      0.00827 (05082707)      0.00831 (05082707)
3757796.7 |      0.00780 (05082707)      0.00845 (05082707)      0.00870 (05082707)      0.00856 (05082707)      0.00810 (05082707)
3757766.7 |      0.00901 (05082707)      0.00908 (05082707)      0.00874 (05082707)      0.00808 (05082707)      0.00719 (05082707)
3757736.7 |      0.00939 (05082707)      0.00882 (05082707)      0.00794 (05082707)      0.00689 (05082707)      0.00579 (05082707)
3757706.7 |      0.00877 (05082707)      0.00767 (05082707)      0.00647 (05082707)      0.00529 (05082707)      0.00420 (05082707)
3757676.7 |      0.00727 (05082707)      0.00594 (05082707)      0.00470 (05082707)      0.00411 (06081407)      0.00387 (06081407)
3757646.7 |      0.00530 (05082707)      0.00451 (07112919)      0.00430 (07112919)      0.00402 (07112919)      0.00369 (07112919)
3757616.7 |      0.00499 (07112919)      0.00456 (07112919)      0.00410 (07112919)      0.00363 (07112919)      0.00343 (05071903)
3757586.7 |      0.00456 (07112919)      0.00444 (05071903)      0.00430 (05071903)      0.00413 (05071903)      0.00395 (05071903)
3757556.7 |      0.00525 (05071903)      0.00490 (05071903)      0.00464 (05091722)      0.00438 (05091722)      0.00413 (05091722)
3757526.7 |      0.00541 (05091722)      0.00497 (05091722)      0.00462 (06090106)      0.00431 (06090106)      0.00406 (07072605)
3757496.7 |      0.00553 (06061524)      0.00515 (06061524)      0.00480 (06061524)      0.00450 (06061524)      0.00422 (06061524)
3757466.7 |      0.00558 (06112321)      0.00518 (06112321)      0.00482 (06112321)      0.00451 (06112321)      0.00422 (06112321)
3757436.7 |      0.00573 (06112321)      0.00535 (06112321)      0.00501 (06112321)      0.00471 (06112321)      0.00444 (06112321)
3757406.7 |      0.00517 (07031508)      0.00480 (07031508)      0.00444 (07031508)      0.00410 (07031508)      0.00388 (05070723)
3757376.7 |      0.00576 (07031508)      0.00554 (07031508)      0.00530 (07031508)      0.00505 (07031508)      0.00478 (07031508)
3757346.7 |      0.00531 (07031508)      0.00533 (07031508)      0.00530 (07031508)      0.00523 (07031508)      0.00512 (07031508)
3757316.7 |      0.00525 (07081802)      0.00488 (07081802)      0.00446 (07081802)      0.00458 (07031508)      0.00467 (07031508)
3757286.7 |      0.00494 (07082904)      0.00463 (07081201)      0.00446 (07081802)      0.00425 (07081802)      0.00398 (07081802)
3757256.7 |      0.00490 (07082904)      0.00465 (07082904)      0.00429 (07082904)      0.00402 (07081201)      0.00380 (07081802)
3757226.7 |      0.00501 (05041521)      0.00455 (05041521)      0.00421 (07082904)      0.00404 (07082904)      0.00377 (07082904)
3757196.7 |      0.00537 (07091107)      0.00504 (07091107)      0.00451 (07091107)      0.00392 (05041521)      0.00368 (07082904)
3757166.7 |      0.00509 (07091107)      0.00518 (07091107)      0.00501 (07091107)      0.00462 (07091107)      0.00408 (07091107)
3757136.7 |      0.00452 (07062901)      0.00471 (07091107)      0.00493 (07091107)      0.00490 (07091107)      0.00466 (07091107)
3757106.7 |      0.00460 (06081607)      0.00419 (07062901)      0.00433 (07091107)      0.00465 (07091107)      0.00474 (07091107)
3757076.7 |      0.00497 (06081607)      0.00448 (06081607)      0.00389 (07062901)      0.00397 (07091107)      0.00435 (07091107)
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3757046.7 |      0.00492 (06081607)      0.00481 (06081607)      0.00438 (06081607)      0.00373 (06081607)      0.00362 (07091107)
3757016.7 |      0.00449 (06081607)      0.00476 (06081607)      0.00468 (06081607)      0.00429 (06081607)      0.00369 (06081607)
3756986.7 |      0.00533 (07090807)      0.00436 (06081607)      0.00462 (06081607)      0.00455 (06081607)      0.00420 (06081607)
3756956.7 |      0.00627 (07090807)      0.00484 (07090807)      0.00424 (06081607)      0.00448 (06081607)      0.00443 (06081607)
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***       10/26/10
                                  ***                                                                        ***       14:41:17
                                                                                                                       PAGE  39
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372894.48              372924.48              372954.48              372984.48              373014.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756926.7 |      0.00703 (07090807)      0.00575 (07090807)      0.00440 (07090807)      0.00412 (06081607)      0.00435 (06081607)
3756896.7 |      0.00753 (07090807)      0.00653 (07090807)      0.00527 (07090807)      0.00400 (07090807)      0.00401 (06081607)
3756866.7 |      0.00775 (07090807)      0.00709 (07090807)      0.00605 (07090807)      0.00484 (07090807)      0.00365 (07090807)
3756836.7 |      0.00769 (07090807)      0.00741 (07090807)      0.00665 (07090807)      0.00560 (07090807)      0.00443 (07090807)
3756806.7 |      0.00738 (07090807)      0.00747 (07090807)      0.00704 (07090807)      0.00622 (07090807)      0.00518 (07090807)
3756776.7 |      0.00687 (07090807)      0.00728 (07090807)      0.00720 (07090807)      0.00667 (07090807)      0.00581 (07090807)
3756746.7 |      0.00623 (07090807)      0.00690 (07090807)      0.00714 (07090807)      0.00692 (07090807)      0.00630 (07090807)
3756716.7 |      0.00551 (07090807)      0.00637 (07090807)      0.00687 (07090807)      0.00695 (07090807)      0.00661 (07090807)
3756686.7 |      0.00477 (07090807)      0.00574 (07090807)      0.00645 (07090807)      0.00679 (07090807)      0.00673 (07090807)
3756656.7 |      0.00405 (07090807)      0.00506 (07090807)      0.00590 (07090807)      0.00647 (07090807)      0.00667 (07090807)
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***       10/26/10
                                  ***                                                                        ***       14:41:17
                                                                                                                       PAGE  40
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373044.48              373074.48              373104.48              373134.48              373164.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758126.7 |      0.00214 (06090306)      0.00224 (06090306)      0.00220 (06090306)      0.00213 (06102522)      0.00213 (06102522)
3758096.7 |      0.00236 (06090306)      0.00234 (06090306)      0.00226 (06102522)      0.00225 (06102522)      0.00262 (05082707)
3758066.7 |      0.00248 (06090306)      0.00240 (06102522)      0.00238 (06102522)      0.00287 (05082707)      0.00355 (05082707)
3758036.7 |      0.00255 (06102522)      0.00253 (06102522)      0.00314 (05082707)      0.00387 (05082707)      0.00459 (05082707)
3758006.7 |      0.00269 (06102522)      0.00344 (05082707)      0.00422 (05082707)      0.00497 (05082707)      0.00563 (05082707)
3757976.7 |      0.00378 (05082707)      0.00461 (05082707)      0.00538 (05082707)      0.00603 (05082707)      0.00652 (05082707)
3757946.7 |      0.00503 (05082707)      0.00582 (05082707)      0.00646 (05082707)      0.00691 (05082707)      0.00713 (05082707)
3757916.7 |      0.00630 (05082707)      0.00691 (05082707)      0.00729 (05082707)      0.00741 (05082707)      0.00730 (05082707)
3757886.7 |      0.00737 (05082707)      0.00766 (05082707)      0.00767 (05082707)      0.00742 (05082707)      0.00697 (05082707)
3757856.7 |      0.00800 (05082707)      0.00788 (05082707)      0.00749 (05082707)      0.00691 (05082707)      0.00620 (05082707)
3757826.7 |      0.00803 (05082707)      0.00748 (05082707)      0.00676 (05082707)      0.00594 (05082707)      0.00510 (05082707)
3757796.7 |      0.00739 (05082707)      0.00653 (05082707)      0.00561 (05082707)      0.00471 (05082707)      0.00386 (05082707)
3757766.7 |      0.00621 (05082707)      0.00521 (05082707)      0.00427 (05082707)      0.00360 (06081407)      0.00357 (06081407)
3757736.7 |      0.00473 (05082707)      0.00379 (06081407)      0.00373 (06081407)      0.00359 (06081407)      0.00339 (06081407)
3757706.7 |      0.00390 (06081407)      0.00373 (06081407)      0.00348 (06081407)      0.00320 (06081407)      0.00289 (06081407)
3757676.7 |      0.00357 (06081407)      0.00332 (07112919)      0.00306 (07112919)      0.00278 (07112919)      0.00250 (07112919)
3757646.7 |      0.00333 (07112919)      0.00298 (07112919)      0.00271 (05071903)      0.00271 (05071903)      0.00269 (05071903)
3757616.7 |      0.00338 (05071903)      0.00331 (05071903)      0.00322 (05071903)      0.00311 (05071903)      0.00299 (05071903)
3757586.7 |      0.00375 (05071903)      0.00355 (05071903)      0.00340 (05091722)      0.00326 (05091722)      0.00311 (05091722)
3757556.7 |      0.00388 (05091722)      0.00364 (05091722)      0.00341 (05091722)      0.00322 (06090106)      0.00306 (06090106)
3757526.7 |      0.00383 (07072605)      0.00363 (07072605)      0.00343 (07072605)      0.00326 (06061524)      0.00312 (06061524)
3757496.7 |      0.00396 (06061524)      0.00373 (06061524)      0.00352 (06061524)      0.00333 (06061524)      0.00315 (06061524)
3757466.7 |      0.00397 (06112321)      0.00374 (06112321)      0.00353 (06112321)      0.00334 (06112321)      0.00317 (06112321)
3757436.7 |      0.00419 (06112321)      0.00396 (06112321)      0.00376 (06112321)      0.00357 (06112321)      0.00340 (06112321)
3757406.7 |      0.00368 (06112321)      0.00352 (06112321)      0.00337 (06112321)      0.00324 (06112321)      0.00311 (06112321)
3757376.7 |      0.00451 (07031508)      0.00424 (07031508)      0.00399 (07031508)      0.00374 (07031508)      0.00350 (07031508)
3757346.7 |      0.00499 (07031508)      0.00483 (07031508)      0.00466 (07031508)      0.00447 (07031508)      0.00428 (07031508)
3757316.7 |      0.00471 (07031508)      0.00472 (07031508)      0.00470 (07031508)      0.00465 (07031508)      0.00457 (07031508)
3757286.7 |      0.00381 (07031508)      0.00398 (07031508)      0.00411 (07031508)      0.00420 (07031508)      0.00427 (07031508)
3757256.7 |      0.00369 (07081802)      0.00353 (07081802)      0.00333 (07081802)      0.00332 (07031508)      0.00350 (07031508)
3757226.7 |      0.00352 (07081201)      0.00334 (07081201)      0.00321 (07081802)      0.00313 (07081802)      0.00300 (07081802)
3757196.7 |      0.00355 (07082904)      0.00335 (07082904)      0.00310 (07081201)      0.00299 (07081201)      0.00283 (07081201)
3757166.7 |      0.00348 (07091107)      0.00325 (07082904)      0.00316 (07082904)      0.00300 (07082904)      0.00279 (07082904)
3757136.7 |      0.00425 (07091107)      0.00373 (07091107)      0.00317 (07091107)      0.00289 (07082904)      0.00283 (07082904)
3757106.7 |      0.00463 (07091107)      0.00433 (07091107)      0.00391 (07091107)      0.00341 (07091107)      0.00289 (07091107)
3757076.7 |      0.00455 (07091107)      0.00454 (07091107)      0.00436 (07091107)      0.00403 (07091107)      0.00360 (07091107)
3757046.7 |      0.00405 (07091107)      0.00431 (07091107)      0.00440 (07091107)      0.00432 (07091107)      0.00409 (07091107)
3757016.7 |      0.00329 (07091107)      0.00374 (07091107)      0.00406 (07091107)      0.00423 (07091107)      0.00423 (07091107)
3756986.7 |      0.00365 (06081607)      0.00303 (07062901)      0.00344 (07091107)      0.00380 (07091107)      0.00403 (07091107)
3756956.7 |      0.00411 (06081607)      0.00361 (06081607)      0.00300 (06081607)      0.00316 (07091107)      0.00354 (07091107)
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***       10/26/10
                                  ***                                                                        ***       14:41:17
                                                                                                                       PAGE  41
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373044.48              373074.48              373104.48              373134.48              373164.48
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756926.7 |      0.00431 (06081607)      0.00403 (06081607)      0.00356 (06081607)      0.00299 (06081607)      0.00289 (07091107)
3756896.7 |      0.00423 (06081607)      0.00420 (06081607)      0.00395 (06081607)      0.00351 (06081607)      0.00298 (06081607)
3756866.7 |      0.00391 (06081607)      0.00412 (06081607)      0.00410 (06081607)      0.00387 (06081607)      0.00347 (06081607)
3756836.7 |      0.00341 (06081607)      0.00381 (06081607)      0.00401 (06081607)      0.00400 (06081607)      0.00379 (06081607)
3756806.7 |      0.00407 (07090807)      0.00333 (06081607)      0.00371 (06081607)      0.00391 (06081607)      0.00391 (06081607)
3756776.7 |      0.00479 (07090807)      0.00374 (07090807)      0.00327 (06081607)      0.00363 (06081607)      0.00381 (06081607)
3756746.7 |      0.00542 (07090807)      0.00442 (07090807)      0.00344 (07090807)      0.00320 (06081607)      0.00354 (06081607)
3756716.7 |      0.00594 (07090807)      0.00505 (07090807)      0.00409 (07090807)      0.00316 (07090807)      0.00314 (06081607)
3756686.7 |      0.00630 (07090807)      0.00558 (07090807)      0.00471 (07090807)      0.00378 (07090807)      0.00291 (07090807)
```

```
 3756656.7 |      0.00649 (07090807)      0.00598 (07090807)      0.00524 (07090807)      0.00438 (07090807)      0.00350 (07090807)
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        14:41:17
                                                                                                                        PAGE  42
 **MODELOPTs:  NonDFAULT CONC                                FLAT
                                                             NODRYDPLT NOWETDPLT

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):      VOL1    ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF NOX      IN PPM                                      **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372149.67   3757202.57        0.00918  (07070106)               372200.97   3757196.42        0.00948  (07070106)
       372734.43   3757083.57        0.00979  (07090807)               372746.74   3757147.17        0.00812  (07090807)
       372767.26   3757192.31        0.00601  (05062305)               372894.46   3757118.45        0.00445  (07062901)
       372371.27   3757725.77        0.00899  (06090607)
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        14:41:17
                                                                                                                        PAGE  43
 **MODELOPTs:  NonDFAULT CONC                                FLAT
                                                             NODRYDPLT NOWETDPLT

                                  *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER   3 YEARS ***

                                   ** CONC OF NOX      IN PPM                                  **

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

ALL      1ST HIGHEST VALUE IS       0.00367 AT (  372564.48,  3757526.71,    10.00,    10.00,    0.00)  GC  UCART1
         2ND HIGHEST VALUE IS       0.00333 AT (  372594.48,  3757496.71,    10.00,    10.00,    0.00)  GC  UCART1
         3RD HIGHEST VALUE IS       0.00323 AT (  372384.48,  3757406.71,    10.00,    10.00,    0.00)  GC  UCART1
         4TH HIGHEST VALUE IS       0.00315 AT (  372564.48,  3757556.71,    10.00,    10.00,    0.00)  GC  UCART1
         5TH HIGHEST VALUE IS       0.00314 AT (  372594.48,  3757526.71,    10.00,    10.00,    0.00)  GC  UCART1
         6TH HIGHEST VALUE IS       0.00293 AT (  372594.48,  3757466.71,    10.00,    10.00,    0.00)  GC  UCART1
         7TH HIGHEST VALUE IS       0.00287 AT (  372534.48,  3757556.71,    10.00,    10.00,    0.00)  GC  UCART1
         8TH HIGHEST VALUE IS       0.00285 AT (  372384.48,  3757376.71,    10.00,    10.00,    0.00)  GC  UCART1
         9TH HIGHEST VALUE IS       0.00275 AT (  372414.48,  3757376.71,    10.00,    10.00,    0.00)  GC  UCART1
        10TH HIGHEST VALUE IS       0.00269 AT (  372354.48,  3757436.71,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        14:41:17
                                                                                                                        PAGE  44
 **MODELOPTs:  NonDFAULT CONC                                FLAT
                                                             NODRYDPLT NOWETDPLT

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

                                   ** CONC OF NOX      IN PPM                                  **

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

ALL      HIGH  1ST HIGH VALUE IS       0.02367  ON 07090807: AT (  372534.48,  3757376.71,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
*** AERMOD - VERSION 09292 ***    *** Site 14 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        14:41:17
                                                                                                                        PAGE  45
 **MODELOPTs:  NonDFAULT CONC                                FLAT
                                                             NODRYDPLT NOWETDPLT

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            0 Warning Message(s)
 A Total of          152 Informational Message(s)

 A Total of        26280 Hours Were Processed

 A Total of           15 Calm Hours Identified

 A Total of          137 Missing Hours Identified (  0.52 Percent)


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


    ********   WARNING MESSAGES   ********
               ***  NONE  ***


    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

Site #14 – Localized PM_{10} Concentrations

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 14\PM10.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Site 14 - PM10
   MODELOPT  CONC NODRYDPLT NOWETDPLT FLAT
   AVERTIME 24
   URBANOPT 9862049 Los_Angeles_County
   POLLUTID PM10.
   RUNORNOT RUN
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1 VOLUME 372476.980 3757462.370 0.0
** DESCRSRC Equipment
   LOCATION AREA1 AREA 372375.088 3757366.846 0.0
** DESCRSRC Dust
** Source Parameters **
   SRCPARAM VOL1 0.0404 4.100 46.783 1.163
   SRCPARAM AREA1 0.00004785 0.000 201.168 201.168 0.000
   URBANSRC AREA1-VOL1
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                  XYINC 371695.22 50 30.00 3756650.16 50 30.00
   GRIDCART UCART1 END
** DESCRREC "" ""
   DISCCART    372149.67   3757202.57
   DISCCART    372200.97   3757196.42
   DISCCART    372734.43   3757083.57
   DISCCART    372746.74   3757147.17
   DISCCART    372767.26   3757192.31
   DISCCART    372894.46   3757118.45
   DISCCART    372371.27   3757725.77
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
   PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   PROFBASE 10 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST PM10.AD\24H1GALL.PLT
OU FINISHED

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

 *** AERMOD - VERSION 09292 ***    *** Site 14 - PM10                                                    ***        10/26/10
                                   ***                                                                   ***        14:48:25
                                                                                                                    PAGE   1
 **MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                 NODRYDPLT NOWETDPLT

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

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for     2 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9862049.0 ;  Urban Roughness Length =  1.000 m
```

Site #14 – Localized PM_{10} Concentrations

```
**Model Allows User-Specified Options:
       1. Stack-tip Downwash.
       2. Model Assumes Receptors on FLAT Terrain.
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.
       6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates  1 Short Term Average(s) of:  24-HR

**This Run Includes:      2 Source(s);       1 Source Group(s); and    2507 Receptor(s)

**The Model Assumes A Pollutant Type of:  PM10.

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

**Output Options Selected:
        Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
        Model Outputs External File(s) of High Values for Plotting (PLOTFILE 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) =    10.00 ;  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 =      3.8 MB of RAM.

*** AERMOD - VERSION 09292 ***    *** Site 14 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        14:48:25
                                                                                                                   PAGE   2
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                                *** VOLUME SOURCE DATA ***

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

  VOL1          0   0.40400E-01  372477.0 3757462.4    10.0     4.10    46.78     1.16     YES
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        14:48:25
                                                                                                                   PAGE   3
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                                *** AREA SOURCE DATA ***

            NUMBER EMISSION RATE  COORD (SW CORNER)  BASE     RELEASE  X-DIM     Y-DIM    ORIENT.    INIT.   URBAN  EMISSION RATE
   SOURCE     PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF AREA   OF AREA   OF AREA     SZ     SOURCE  SCALAR VARY
     ID       CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS) (METERS)  (METERS)   (DEG.)  (METERS)              BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  AREA1         0   0.47850E-04  372375.1 3757366.8    10.0     0.00    201.17    201.17      0.00     0.00     YES
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        14:48:25
                                                                                                                   PAGE   4
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                        SOURCE IDs



 ALL       VOL1    , AREA1   ,
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        14:48:25
                                                                                                                   PAGE   5
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                         *** X-COORDINATES OF GRID ***
                                                   (METERS)

      371695.2,  371725.2,  371755.2,  371785.2,  371815.2,  371845.2,  371875.2,  371905.2,  371935.2,  371965.2,
      371995.2,  372025.2,  372055.2,  372085.2,  372115.2,  372145.2,  372175.2,  372205.2,  372235.2,  372265.2,
      372295.2,  372325.2,  372355.2,  372385.2,  372415.2,  372445.2,  372475.2,  372505.2,  372535.2,  372565.2,
      372595.2,  372625.2,  372655.2,  372685.2,  372715.2,  372745.2,  372775.2,  372805.2,  372835.2,  372865.2,
      372895.2,  372925.2,  372955.2,  372985.2,  373015.2,  373045.2,  373075.2,  373105.2,  373135.2,  373165.2,


                                         *** Y-COORDINATES OF GRID ***
                                                   (METERS)

     3756650.2, 3756680.2, 3756710.2, 3756740.2, 3756770.2, 3756800.2, 3756830.2, 3756860.2, 3756890.2, 3756920.2,
     3756950.2, 3756980.2, 3757010.2, 3757040.2, 3757070.2, 3757100.2, 3757130.2, 3757160.2, 3757190.2, 3757220.2,
     3757250.2, 3757280.2, 3757310.2, 3757340.2, 3757370.2, 3757400.2, 3757430.2, 3757460.2, 3757490.2, 3757520.2,
     3757550.2, 3757580.2, 3757610.2, 3757640.2, 3757670.2, 3757700.2, 3757730.2, 3757760.2, 3757790.2, 3757820.2,
     3757850.2, 3757880.2, 3757910.2, 3757940.2, 3757970.2, 3758000.2, 3758030.2, 3758060.2, 3758090.2, 3758120.2,

*** AERMOD - VERSION 09292 ***    *** Site 14 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        14:48:25
                                                                                                                   PAGE   6
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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

Site #14 – Localized PM_{10} Concentrations

(METERS)

(372149.7, 3757202.6, 10.0, 10.0, 0.0); (372201.0, 3757196.4, 10.0, 10.0, 0.0);
(372734.4, 3757083.6, 10.0, 10.0, 0.0); (372746.7, 3757147.2, 10.0, 10.0, 0.0);
(372767.3, 3757192.3, 10.0, 10.0, 0.0); (372894.5, 3757118.4, 10.0, 10.0, 0.0);
(372371.3, 3757725.8, 10.0, 10.0, 0.0);

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
VOL1	372445.2	3757370.2	-3.06
VOL1	372475.2	3757370.2	-8.36
VOL1	372505.2	3757370.2	-4.15
VOL1	372415.2	3757400.2	-12.92
VOL1	372445.2	3757400.2	-30.74
VOL1	372475.2	3757400.2	-38.35
VOL1	372505.2	3757400.2	-32.26
VOL1	372535.2	3757400.2	-15.37
VOL1	372385.2	3757430.2	-3.33
VOL1	372415.2	3757430.2	-30.93
VOL1	372445.2	3757430.2	-55.35
VOL1	372475.2	3757430.2	-68.33
VOL1	372505.2	3757430.2	-57.75
VOL1	372535.2	3757430.2	-34.03
VOL1	372565.2	3757430.2	-6.65
VOL1	372385.2	3757460.2	-8.80
VOL1	372415.2	3757460.2	-38.78
VOL1	372445.2	3757460.2	-68.75
VOL1	372475.2	3757460.2	-97.76
VOL1	372505.2	3757460.2	-72.26
VOL1	372535.2	3757460.2	-42.30
VOL1	372565.2	3757460.2	-12.32
VOL1	372385.2	3757490.2	-4.71
VOL1	372415.2	3757490.2	-32.86
VOL1	372445.2	3757490.2	-58.38
VOL1	372475.2	3757490.2	-72.74
VOL1	372505.2	3757490.2	-60.96
VOL1	372535.2	3757490.2	-36.05
VOL1	372565.2	3757490.2	-8.07
VOL1	372415.2	3757520.2	-16.00
VOL1	372445.2	3757520.2	-34.64
VOL1	372475.2	3757520.2	-42.77
VOL1	372505.2	3757520.2	-36.26
VOL1	372535.2	3757520.2	-18.54
VOL1	372445.2	3757550.2	-7.23
VOL1	372475.2	3757550.2	-12.78
VOL1	372505.2	3757550.2	-8.36

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
05 01 01   1 13   28.1  0.223  0.983  0.010 1221.  241.    -35.4  0.26   1.00   0.18    1.70  184.    9.1  287.0    5.5
05 01 01   1 14   17.9  0.256  0.847  0.009 1225.  298.    -84.4  0.26   1.00   0.19    2.10  201.    9.1  287.0    5.5
05 01 01   1 15    4.2  0.231  0.521  0.009 1226.  256.   -268.6  0.26   1.00   0.22    2.00  205.    9.1  286.4    5.5
05 01 01   1 16    0.1  0.180  0.151  0.009 1226.  176.  -5231.4  0.26   1.00   0.31    1.60  211.    9.1  286.4    5.5
05 01 01   1 17   -1.7  0.045 -9.000 -9.000 -999.   46.      4.9  0.26   1.00   0.57    0.80  216.    9.1  285.9    5.5
05 01 01   1 18   -0.6  0.028 -9.000 -9.000 -999.   11.      3.4  0.26   1.00   1.00    0.50   38.    9.1  285.4    5.5
05 01 01   1 19   -0.4  0.022 -9.000 -9.000 -999.    8.      2.8  0.26   1.00   1.00    0.40  261.    9.1  284.9    5.5
05 01 01   1 20   -0.4  0.022 -9.000 -9.000 -999.    8.      2.8  0.26   1.00   1.00    0.40  337.    9.1  284.9    5.5
05 01 01   1 21   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80   12.    9.1  284.9    5.5
05 01 01   1 22   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80  360.    9.1  284.9    5.5
05 01 01   1 23   -1.9  0.050 -9.000 -9.000 -999.   26.      6.2  0.26   1.00   1.00    0.90   46.    9.1  284.2    5.5
05 01 01   1 24   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80   12.    9.1  284.2    5.5


First hour of profile data
YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
05 01 01 01    5.5 0 -999.  -99.00   282.6   99.0  -99.00  -99.00
05 01 01 01    9.1 1   52.    1.10  -999.0   99.0  -99.00  -99.00

F indicates top of profile (=1) or below (=0)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        14:48:25
                                                                                                                         PAGE  10
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       371695.22              371725.22              371755.22              371785.22              371815.22
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758120.2 |     19.82665 (07021124)     19.88098 (07021124)     20.23382 (06071424)     20.23982 (06071424)     22.08488 (07071924)
3758090.2 |     19.31462 (07021124)     20.63503 (07021124)     20.91771 (07021124)     21.34979 (06071424)     21.48379 (06071424)
3758060.2 |     19.87692 (05030524)     19.84036 (07021124)     21.45732 (07021124)     22.00245 (07021124)     22.53744 (06071424)
3758030.2 |     25.16158 (06110124)     22.20903 (06110124)     20.62215 (05030524)     22.29245 (07021124)     23.13606 (07021124)
3758000.2 |     29.59535 (06110124)     27.94149 (06110124)     25.24314 (06110124)     21.81109 (05030524)     23.13771 (07021124)
3757970.2 |     31.62665 (06110124)     31.79361 (06110124)     30.72804 (06110124)     28.43598 (06110124)     25.08764 (06110124)
3757940.2 |     30.85364 (06110124)     32.85482 (06110124)     33.78561 (06110124)     33.44140 (06110124)     31.72445 (06110124)
3757910.2 |     27.55033 (06110124)     31.00825 (06110124)     33.74915 (06110124)     35.50127 (06110124)     35.99554 (06110124)
3757880.2 |     28.94011 (07091324)     28.70330 (07091324)     30.80255 (06110124)     34.27970 (06110124)     36.88062 (06110124)
3757850.2 |     30.35563 (07091324)     31.28879 (07091324)     31.67685 (07091324)     31.44634 (07091324)     34.42678 (06110124)
3757820.2 |     29.54807 (07091324)     31.57767 (07091324)     33.21848 (07091324)     34.35328 (07091324)     34.86886 (07091324)
3757790.2 |     30.58603 (07020624)     31.04142 (07020624)     32.21934 (07091324)     34.59160 (07091324)     36.54795 (07091324)
3757760.2 |     34.22188 (07020624)     35.33969 (07020624)     36.27261 (07020624)     36.91782 (07020624)     37.19911 (07020624)
3757730.2 |     36.06666 (07020624)     37.89356 (07020624)     39.75634 (07020624)     41.52637 (07020624)     43.04554 (07020624)
3757700.2 |     35.77043 (07020624)     37.92318 (07020624)     40.32277 (07020624)     42.94413 (07020624)     45.69012 (07020624)
3757670.2 |     33.90418 (07020624)     36.12345 (07020624)     38.58174 (07020624)     41.36390 (07020624)     44.52164 (07020624)
3757640.2 |     35.35039 (07030624)     36.63148 (07030624)     37.80634 (07030624)     38.85394 (07030624)     41.38944 (07020624)
3757610.2 |     35.19410 (07030624)     37.20483 (07030624)     39.22799 (07030624)     41.23445 (07030624)     43.19736 (07030624)
3757580.2 |     39.27003 (05122624)     40.78741 (05122624)     42.34683 (05122624)     43.95160 (05122624)     45.60712 (05122624)
3757550.2 |     44.32799 (05122624)     46.58635 (05122624)     48.97144 (05122624)     51.49288 (05122624)     54.16043 (05122624)
3757520.2 |     48.15574 (05122624)     51.02162 (05122624)     54.10976 (05122624)     57.43810 (05122624)     61.02791 (05122624)
3757490.2 |     49.79564 (05122624)     52.85630 (05122624)     56.18641 (05122624)     59.81481 (05122624)     63.76892 (05122624)
3757460.2 |     48.80096 (05122624)     51.57976 (05122624)     54.60324 (05122624)     57.89973 (05122624)     61.50237 (05122624)
3757430.2 |     47.42529 (07112524)     49.72459 (07112524)     52.24146m(05012424)     56.99002m(05012424)     62.34017m(05012424)
3757400.2 |     50.52159 (06110924)     53.87847m(05012424)     58.54044m(05012424)     63.69730m(05012424)     69.38293m(05012424)
3757370.2 |     55.39430m(05012424)     59.70165m(05012424)     64.34214m(05012424)     69.31636m(05012424)     74.61675m(05012424)
3757340.2 |     60.09162m(05012424)     64.03133m(05012424)     68.12739m(05012424)     72.35469m(05012424)     76.69025m(05012424)
3757310.2 |     62.10758m(05012424)     65.21827m(05012424)     68.31484m(05012424)     71.37512m(05012424)     74.38757m(05012424)
3757280.2 |     60.40139m(05012424)     62.98381 (06012524)     67.39131 (06012524)     71.88758 (06012524)     76.43132 (06012524)
3757250.2 |     61.58832 (06012524)     64.90595 (06012524)     68.14204 (06012524)     71.27026 (06012524)     74.28830 (06012524)
3757220.2 |     60.24206 (06012524)     62.30206 (06012524)     64.18718 (06012524)     65.92700 (06012524)     67.60004 (06012524)
3757190.2 |     55.50099 (06012524)     56.89523c(06111824)     59.12617c(06111824)     63.08508 (05120724)     67.84111 (05120724)
3757160.2 |     52.06060c(06111824)     55.80063 (05120724)     59.64442 (05120724)     63.49734 (05121124)     68.33471 (05121124)
3757130.2 |     52.87521 (05120724)     56.28042 (05121124)     59.92104 (05121124)     63.72060 (05121124)     67.66729 (05121124)
3757100.2 |     52.97006 (05121124)     55.81130 (05121124)     58.76668 (05121124)     61.83060 (05121124)     65.07460 (05110424)
3757070.2 |     52.97635 (06122024)     55.58204 (06122024)     57.60519 (05110424)     60.40210 (07123024)     65.64475 (07123024)
3757040.2 |     52.10665 (06122024)     54.15641 (06111624)     58.37400 (06111624)     62.28395 (07123024)     65.44429 (07123024)
3757010.2 |     52.82464 (06111624)     55.99092 (06111624)     58.80804 (07123024)     60.97686 (07123024)     61.91391 (07123024)
3756980.2 |     53.26422 (06111624)     55.31528 (07123024)     56.65870 (07123024)     57.11164 (05110524)     62.47311 (05111224)
3756950.2 |     51.87838 (07123024)     52.53542 (07123024)     53.88214 (05110524)     60.04061 (05111224)     65.01417 (05111224)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        14:48:25
                                                                                                                         PAGE  11
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       371695.22              371725.22              371755.22              371785.22              371815.22
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756920.2 |     48.63777 (07123024)     52.25539 (05111224)     57.59680 (05111224)     61.65730 (05111224)     63.96543 (05111224)
3756890.2 |     50.63137 (05111224)     55.16604 (05111224)     58.43770 (05111224)     60.07063 (05111224)     60.79515 (05120824)
3756860.2 |     52.76828 (05111224)     55.36755 (05111224)     56.43982 (05111224)     56.88105 (05120824)     57.49158 (05120824)
3756830.2 |     52.44724 (05111224)     53.06224 (05111224)     53.31973 (05120824)     53.65772 (05120824)     55.71282 (05100924)
3756800.2 |     49.92531 (05111224)     50.07553 (05120824)     50.20270 (05120824)     52.31804 (05100924)     54.22416 (05100924)
3756770.2 |     47.11573 (05120824)     47.07886 (05120824)     49.25533 (05100924)     51.07252 (05100924)     51.37159 (05100924)
3756740.2 |     44.24957 (05120824)     46.48178 (05100924)     48.21777 (05100924)     48.57234 (05100924)     47.32743 (05100924)
3756710.2 |     43.96183 (05100924)     45.62160 (05100924)     46.02251 (05100924)     44.95395 (05100924)     45.51371 (05122924)
3756680.2 |     43.25157 (05100924)     43.68992 (05100924)     42.77720 (05100924)     42.74677 (05122924)     44.07705 (05122924)
3756650.2 |     41.54947 (05100924)     40.77456 (05100924)     40.22185 (05122924)     41.54546 (05122924)     42.04539 (05122924)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        14:48:25
                                                                                                                         PAGE  12
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***
```

Site #14 – Localized PM_{10} Concentrations

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 371845.22	371875.22	371905.22	371935.22	371965.22
3758120.2	25.25868 (07071924)	30.65762 (06062824)	34.84569 (06062824)	37.05670 (06062824)	36.91280 (06062824)
3758090.2	23.35562 (07071924)	27.21948 (06062824)	32.91472 (06062824)	37.15581 (06062824)	39.15987 (06062824)
3758060.2	22.82513 (06071424)	25.00023m(05010924)	29.42055 (06062824)	35.39541 (06062824)	39.66028 (06062824)
3758030.2	23.80433 (06071424)	24.27779 (06071424)	26.88557m(05010924)	31.86748 (06062824)	38.12753 (06062824)
3758000.2	24.32022 (07021124)	25.15717 (06071424)	25.85499 (06071424)	29.01104m(05010924)	34.59881 (06062824)
3757970.2	23.98924 (07021124)	25.55544 (07021124)	26.60831 (06071424)	27.69157m(05010924)	31.42280m(05010924)
3757940.2	28.71027 (06110124)	24.84638 (07021124)	26.84606 (07021124)	28.16582 (06071424)	29.95736m(05010924)
3757910.2	35.02828 (06110124)	32.54469 (06110124)	28.72362 (06110124)	28.19030 (07021124)	29.84279 (06071424)
3757880.2	38.30172 (06110124)	38.24799 (06110124)	36.51936 (06110124)	33.14367 (06110124)	29.59362 (07021124)
3757850.2	37.88117 (06110124)	40.28164 (06110124)	41.27694 (06110124)	40.53003 (06110124)	37.87158 (06110124)
3757820.2	34.66173 (07091324)	38.48226 (06110124)	41.87641 (06110124)	44.00977 (06110124)	44.45578 (06110124)
3757790.2	37.94070 (07091324)	38.63517 (07091324)	38.67462 (06110124)	43.05929 (06110124)	46.36342 (06110124)
3757760.2	38.13341 (07091324)	40.47217 (07091324)	42.20597 (07091324)	43.16334 (07091324)	43.82840 (06110124)
3757730.2	44.15200 (07020624)	44.71092 (07020624)	44.65192 (07020624)	45.20193 (07091324)	47.38566 (07091324)
3757700.2	48.39853 (07020624)	50.85070 (07020624)	52.80895 (07020624)	54.05851 (07020624)	54.45737 (07020624)
3757670.2	48.05106 (07020624)	51.86016 (07020624)	55.76851 (07020624)	59.51563 (07020624)	62.80387 (07020624)
3757640.2	44.84205 (07020624)	48.80992 (07020624)	53.32358 (07020624)	58.31179 (07020624)	63.59796 (07020624)
3757610.2	45.09122 (07030624)	46.90504 (07030624)	48.95544 (07020624)	53.85590 (07020624)	59.48546 (07020624)
3757580.2	47.46680 (06041124)	50.32324 (06041124)	53.34646 (06041124)	56.52704 (06041124)	59.85255 (06041124)
3757550.2	56.99110 (05122624)	60.00680 (05122624)	63.23786 (05122624)	66.72610 (05122624)	70.52658 (05122624)
3757520.2	64.90176 (05122624)	69.08575 (05122624)	73.61280 (05122624)	78.52869 (05122624)	83.88816 (05122624)
3757490.2	68.08083 (05122624)	72.78276 (05122624)	77.90993 (05122624)	83.50324 (05122624)	89.60643 (05122624)
3757460.2	65.45082 (05122624)	69.78807 (05122624)	74.56666 (05122624)	79.84606 (05122624)	87.23302m(05012424)
3757430.2	68.36653m(05012424)	75.15603m(05012424)	82.79386m(05012424)	91.36400m(05012424)	100.93995m(05012424)
3757400.2	75.63027m(05012424)	82.46805m(05012424)	89.91751m(05012424)	97.99168m(05012424)	106.70712m(05012424)
3757370.2	80.23320m(05012424)	86.14867m(05012424)	92.35457m(05012424)	98.85983m(05012424)	105.70300m(05012424)
3757340.2	81.11321m(05012424)	85.62087m(05012424)	90.23473m(05012424)	95.01210m(05012424)	100.70199 (06012524)
3757310.2	78.47310 (06012524)	84.60090 (06012524)	90.98437 (06012524)	97.69971 (06012524)	104.92104 (06012524)
3757280.2	81.00189 (06012524)	85.61909 (06012524)	90.37695 (06012524)	95.42572 (06012524)	100.95202 (06012524)
3757250.2	77.24979 (06012524)	80.25402 (06012524)	83.43693 (06012524)	90.25918 (05120724)	97.97300 (05120724)
3757220.2	71.88035 (05120724)	77.87272 (05120724)	83.83259 (05120724)	91.45974 (05121124)	100.79785 (05121124)
3757190.2	72.54859 (05120724)	78.64949 (05121124)	85.52570 (05121124)	92.66559 (05121124)	99.78697 (05121124)
3757160.2	73.43371 (05121124)	78.73098 (05121124)	84.08866 (05121124)	89.27680 (05121124)	93.97874 (05121124)
3757130.2	71.71600 (05121124)	75.75550 (05121124)	79.62248 (05121124)	84.99565 (07123024)	89.70066 (07123024)
3757100.2	68.77013 (07123024)	74.46777 (07123024)	78.97969 (07123024)	81.91371 (07123024)	89.16191 (05110524)
3757070.2	69.97803 (07123024)	73.05410 (07123024)	75.06561 (05110524)	82.62147 (05110524)	89.12366 (05110524)
3757040.2	67.33755 (07123024)	70.38974 (05110524)	76.55013 (05110524)	82.43324 (05111224)	87.24835 (05120824)
3757010.2	65.91357 (05110524)	72.09114 (05111224)	77.36716 (05111224)	80.85759 (05120824)	84.56731 (05120824)
3756980.2	68.49675 (05111224)	72.60358 (05111224)	75.07894 (05120824)	77.82807 (05120824)	79.94663 (05100924)
3756950.2	68.13973 (05111224)	69.84647 (05120824)	71.84793 (05120824)	73.84608 (05100924)	76.43909 (05100924)

*** AERMOD - VERSION 09292 *** *** Site 14 - PM10 *** *** 10/26/10
*** 14:48:25
PAGE 13

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 371845.22	371875.22	371905.22	371935.22	371965.22
3756920.2	65.10131 (05120824)	66.51947 (05120824)	68.47406 (05100924)	70.88097 (05100924)	70.69897 (05100924)
3756890.2	61.75906 (05120824)	63.72206 (05100924)	65.97200 (05100924)	65.92328 (05100924)	66.37073 (05122924)
3756860.2	59.49392 (05100924)	61.61269 (05100924)	61.67439 (05100924)	61.41212 (05122924)	64.02713 (05122924)
3756830.2	57.71883 (05100924)	57.87514 (05100924)	56.97493 (05122924)	59.58523 (05122924)	60.30742 (05122924)
3756800.2	54.45876 (05100924)	52.99457 (05122924)	55.54960 (05122924)	56.53111 (05122924)	55.61267 (05122924)
3756770.2	49.92334 (05100924)	51.88280 (05122924)	53.03506 (05122924)	52.58302 (05122924)	50.31762 (05122924)
3756740.2	48.54786 (05122924)	49.80467 (05122924)	49.70736 (05122924)	48.05326 (05122924)	44.74534 (05122924)
3756710.2	46.82505 (05122924)	46.99192 (05122924)	45.82845 (05122924)	43.21036 (05122924)	39.15895 (05122924)
3756680.2	44.43756 (05122924)	43.66452 (05122924)	41.62355 (05122924)	38.27949 (05122924)	34.36958 (06030424)
3756650.2	41.57693 (05122924)	40.01070 (05122924)	37.27950 (05122924)	33.54640 (06030424)	33.03454 (05112824)

*** AERMOD - VERSION 09292 *** *** Site 14 - PM10 *** *** 10/26/10
*** 14:48:25
PAGE 14

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 371995.22	372025.22	372055.22	372085.22	372115.22
3758120.2	34.51795 (06062824)	31.70719 (05082524)	28.68191 (05082524)	27.00532 (05101024)	27.34231 (07030924)
3758090.2	38.59576 (06062824)	35.67514 (06062824)	32.90653 (05082524)	29.02241 (05082524)	27.86522 (07030924)
3758060.2	41.40050 (06062824)	40.35642 (06062824)	36.94194 (05082524)	33.93336 (05082524)	29.33454 (05101024)
3758030.2	42.37973 (06062824)	43.79131 (06062824)	42.19976 (06062824)	38.82980 (05082524)	34.78971 (05082524)
3758000.2	41.14628 (06062824)	45.34028 (06062824)	46.34898 (06062824)	44.14076 (06062824)	40.58527 (05082524)
3757970.2	37.65815 (06062824)	44.49534 (06062824)	48.57482 (06062824)	49.09526 (06062824)	46.19702 (06062824)
3757940.2	34.18565m(05010924)	41.10287 (06062824)	48.22411 (06062824)	52.12211 (06062824)	52.05837 (06062824)
3757910.2	32.54516m(05010924)	37.36484m(05010924)	45.00111 (06062824)	52.40297 (06062824)	56.03299 (06062824)
3757880.2	31.70579 (07100124)	35.52707m(05010924)	41.06110m(05010924)	49.44809 (06062824)	57.11676 (06062824)
3757850.2	33.47074 (06110124)	34.72471 (06092024)	38.99562m(05010924)	45.40048m(05010924)	54.56063 (06062824)
3757820.2	42.82331 (06110124)	39.03324 (06110124)	38.63936 (06092024)	43.07173m(05010924)	50.55451m(05010924)
3757790.2	48.15661 (06110124)	47.87554 (06110124)	45.09571 (06110124)	43.45586 (07080524)	47.92122m(05010924)
3757760.2	48.30342 (06110124)	51.51105 (06110124)	52.85957 (06110124)	51.58106 (06110124)	49.69766 (07080524)
3757730.2	48.77932 (07091324)	49.84092 (06110124)	54.46307 (06110124)	57.59587 (06110124)	58.33352 (06110124)
3757700.2	53.94566 (07020624)	53.93477 (07091324)	56.12901 (07091324)	59.91960 (06090824)	63.32790 (06090824)
3757670.2	65.34131 (07020624)	66.87248 (07020624)	67.22400 (07020624)	66.31398 (07020624)	70.69749 (06090824)
3757640.2	68.92253 (07020624)	73.98848 (07020624)	78.48977 (07020624)	82.12606 (07020624)	84.57917 (07020624)
3757610.2	65.78899 (07020624)	72.59845 (07020624)	79.69105 (07020624)	86.84217 (07020624)	93.87385 (07020624)
3757580.2	63.32329 (06041124)	68.52459 (07020624)	76.63582 (07020624)	85.49105 (07020624)	94.91248 (07020624)
3757550.2	74.71262 (05122624)	79.38194 (05122624)	84.66484 (05122624)	90.74024 (05122624)	97.85951 (05122624)
3757520.2	89.76882 (05122624)	96.27207 (05122624)	103.54151 (05122624)	111.76582 (05122624)	121.20369 (05122624)
3757490.2	96.27287 (05122624)	103.56704 (05122624)	111.58231 (05122624)	120.45467 (05122624)	130.38580 (05122624)
3757460.2	96.93346m(05012424)	108.05392m(05012424)	120.77629m(05012424)	135.27793m(05012424)	151.75612m(05012424)

3757430.2	111.59339m(05012424)	123.39150m(05012424)	136.39443m(05012424)	150.75138m(05012424)	166.74087m(05012424)
3757400.2	116.10817m(05012424)	126.28544m(05012424)	137.44607m(05012424)	149.98485m(05012424)	164.58640m(05012424)
3757370.2	113.01067m(05012424)	120.99253m(05012424)	130.01937m(05012424)	140.64112m(05012424)	153.55610m(05012424)
3757340.2	109.96470 (06012524)	120.31315 (06012524)	132.20454 (06012524)	146.08358 (06012524)	162.13790 (06012524)
3757310.2	112.91777 (06012524)	121.96614 (06012524)	132.19254 (06012524)	143.41795 (06012524)	155.69073 (05121124)
3757280.2	107.07279 (06012524)	115.92697 (05120724)	128.41716 (05121124)	145.94230 (05121124)	164.17259 (05121124)
3757250.2	107.63299 (05121124)	120.39782 (05121124)	133.63723 (05121124)	146.46648 (05121124)	157.70368 (05121124)
3757220.2	110.49136 (05121124)	120.00852 (05121124)	128.59893 (05121124)	135.38672 (05121124)	142.99815 (06123024)
3757190.2	106.45362 (05121124)	112.11683 (05121124)	116.14445 (05121124)	128.17577 (05110524)	141.66074 (05110524)
3757160.2	97.81840 (07123024)	103.94703 (05110524)	116.62560 (05110524)	127.03153 (05110524)	135.35098 (05120824)
3757130.2	96.22542 (05110524)	106.44113 (05110524)	114.42476 (05110524)	122.10323 (05120824)	129.59625 (05120824)
3757100.2	97.33132 (05110524)	103.42569 (05110524)	110.72243 (05120824)	115.92923 (05120824)	119.76746 (05100924)
3757070.2	94.33226 (05120824)	100.83627 (05120824)	104.34950 (05120824)	108.25052 (05100924)	107.09290 (05122924)
3757040.2	92.18475 (05120824)	94.92712 (05100924)	98.45088 (05100924)	97.44843 (05100924)	102.03462 (05122924)
3757010.2	86.91587 (05100924)	90.04670 (05100924)	89.30286 (05100924)	93.08101 (05122924)	93.87731 (05122924)
3756980.2	82.77481 (05100924)	82.25217 (05100924)	85.16930 (05122924)	86.72925 (05122924)	83.63976 (05122924)
3756950.2	76.10191 (05100924)	78.15581 (05122924)	80.22096 (05122924)	78.37973 (05122924)	72.38851 (05122924)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 371995.22	372025.22	372055.22	372085.22	372115.22
3756920.2	71.92283 (05122924)	74.30105 (05122924)	73.41057 (05122924)	68.91436 (05122924)	61.04684 (05122924)
3756890.2	68.91768 (05122924)	68.74203 (05122924)	65.46304 (05122924)	59.11843 (05122924)	52.25118 (05011824)
3756860.2	64.37486 (05122924)	62.07542 (05122924)	57.03688 (05122924)	49.61255 (05122924)	50.69103 (06120424)
3756830.2	58.78397 (05122924)	54.84614 (05122924)	48.66761 (05122924)	46.07581 (07120924)	50.17213 (06120424)
3756800.2	52.59291 (05122924)	47.51496 (05122924)	42.87530 (05112824)	44.87974 (06120424)	49.07039 (06120424)
3756770.2	46.19330 (05122924)	40.58039 (06030424)	40.97537 (07120924)	44.40941 (06120424)	47.51050 (06120424)
3756740.2	39.88685 (05122924)	38.62709 (05112824)	40.03835 (06120424)	43.50387 (06120424)	45.59943 (06120424)
3756710.2	36.25422 (05112824)	36.73897 (05112824)	39.62278 (06120424)	42.24312 (06120424)	43.43917 (06120424)
3756680.2	34.92244 (05112824)	35.96578 (06120424)	38.87301 (06120424)	40.70502 (06120424)	41.10945 (06120424)
3756650.2	33.09635 (05112824)	35.60111 (06120424)	37.84779 (06120424)	38.95751 (06120424)	38.67764 (06120424)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372145.22	372175.22	372205.22	372235.22	372265.22
3758120.2	33.70977 (06090524)	40.29527 (06090524)	45.20074 (06090524)	48.65051 (06090524)	50.83262 (06090524)
3758090.2	32.11409 (06090524)	39.84924 (06090524)	45.95579 (06090524)	50.49063 (06090524)	53.79123 (06090524)
3758060.2	30.82528 (07030924)	38.87340 (06090524)	46.31203 (06090524)	52.04324 (06090524)	56.53578 (06090524)
3758030.2	31.38628 (07030924)	37.28885 (06090524)	46.17754 (06090524)	53.26881 (06090524)	59.03111 (06090524)
3758000.2	35.49684 (05082524)	35.06148 (06090524)	45.43015 (06090524)	54.10050 (06090524)	61.24310 (06090524)
3757970.2	42.21540 (05082524)	36.20953 (06092824)	43.93786 (06090524)	54.42129 (06090524)	63.14256 (06090524)
3757940.2	48.74042 (05082524)	43.76985 (05082524)	41.59146 (06090524)	54.05854 (06090524)	64.66665 (06090524)
3757910.2	55.28482 (06062824)	51.49962 (05082524)	45.34346 (05082524)	52.79281 (06090524)	65.68394 (06090524)
3757880.2	60.37632 (06062824)	58.87234 (06062824)	54.31838 (05082524)	50.39968 (06090524)	65.97527 (06090524)
3757850.2	62.48189 (06062824)	65.26193 (06062824)	63.04578 (06062824)	58.01600 (06062824)	65.20086 (06090524)
3757820.2	60.50989 (06062824)	68.66462 (06062824)	70.90394 (06062824)	68.32326 (06062824)	64.31089 (06062824)
3757790.2	56.76835m(05010924)	67.53705 (06062824)	75.93558 (06062824)	77.77999 (06062824)	75.82691 (06062824)
3757760.2	53.91234 (06092024)	64.39698m(05010924)	76.02365 (06062824)	84.80618 (06062824)	86.97497 (06062824)
3757730.2	59.24915 (05021824)	62.40148 (07080524)	73.99033m(05010924)	86.63557 (06062824)	96.37765 (06062824)
3757700.2	67.64205 (05021824)	72.24306 (05021824)	76.25588 (05021824)	86.46156m(05010924)	101.40256m(05010924)
3757670.2	76.21327 (06090824)	82.64166 (05021824)	89.79479 (05021824)	96.26447 (05021824)	103.47701m(05010924)
3757640.2	85.55035 (07020624)	91.43508 (06090824)	102.45881 (05021824)	114.17442 (05021824)	125.67935 (05021824)
3757610.2	100.64297 (07020624)	106.97446 (07020624)	112.55963 (07020624)	129.30578 (05021824)	149.38709 (05021824)
3757580.2	104.81493 (07020624)	115.25478 (07020624)	126.49021 (07020624)	140.08516 (05021824)	168.01903 (05021824)
3757550.2	108.14040 (07020624)	122.27568 (07020624)	138.19913 (07020624)	156.80301 (07020624)	180.03989 (07020624)
3757520.2	132.22798 (05122624)	145.37006 (05122624)	161.95495 (07112524)	189.39541 (07112524)	226.64343 (07112524)
3757490.2	141.70664 (05122624)	159.35060m(05012424)	185.19772m(05012424)	217.23158m(05012424)	260.55536 (06010124)
3757460.2	170.48614m(05012424)	192.04739m(05012424)	217.70748m(05012424)	250.01934m(05012424)	292.81828m(05012424)
3757430.2	184.97903m(05012424)	206.61845m(05012424)	233.40534m(05012424)	267.38935m(05012424)	310.66456m(05012424)
3757400.2	182.28291m(05012424)	204.36964m(05012424)	232.10014m(05012424)	266.63824m(05012424)	310.01639m(05012424)
3757370.2	173.59765 (06012524)	197.12299 (06012524)	224.40033 (06012524)	256.75272 (06012524)	297.44384 (06012524)
3757340.2	180.21080 (06012524)	200.01825 (06012524)	226.12184 (05121124)	263.18156 (05121124)	304.27244 (05121124)
3757310.2	179.82689 (05121124)	205.32027 (05121124)	230.86316 (05121124)	254.41795 (05121124)	288.87510 (06123024)
3757280.2	181.83004 (05121124)	197.21327 (05121124)	211.14521 (06123024)	242.01619 (06123024)	265.77413 (06123024)
3757250.2	165.99840 (05121124)	183.79573 (06123024)	204.79170 (06123024)	222.29172 (05120824)	241.27005 (05120824)
3757220.2	160.41542 (06123024)	174.95417 (06123024)	190.58252 (05120824)	203.31803 (05120824)	204.73885 (05120824)
3757190.2	150.99745 (05120824)	165.82816 (05120824)	174.22470 (05120824)	174.46300 (05120824)	171.43994 (05122924)
3757160.2	145.94081 (05120824)	151.20622 (05120824)	151.25388 (05122924)	152.85703 (05122924)	142.44817 (05122924)
3757130.2	133.44372 (05100924)	133.85677 (05122924)	137.23331 (05122924)	130.42931 (05122924)	122.62598 (05011824)
3757100.2	119.35196 (05122924)	123.83694 (05122924)	119.85649 (05122924)	107.62901 (05122924)	107.17383 (05011824)
3757070.2	112.21101 (05122924)	110.34993 (05122924)	101.11570 (05122924)	95.23891 (05011824)	100.62864 (06120424)
3757040.2	101.72582 (05122924)	95.00133 (05122924)	85.02118 (05011824)	88.37438 (06120424)	93.67790 (06120424)
3757010.2	89.18168 (05122924)	79.25625 (05122924)	76.87263 (06120424)	84.18735 (06120424)	86.09920 (06120424)
3756980.2	75.84509 (05122924)	68.80763 (05011824)	74.79577 (06120424)	79.02721 (06120424)	78.34634 (06120424)
3756950.2	62.81521 (05011824)	65.89564 (06120424)	71.61571 (06120424)	73.32266 (06120424)	70.91616 (06010524)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Site #14 – Localized PM_{10} Concentrations

Y-COORD (METERS)	X-COORD (METERS)				
	372145.22	372175.22	372205.22	372235.22	372265.22
3756920.2	58.01904 (07120924)	64.23956 (06120424)	67.68557 (06120424)	67.40411 (06120424)	64.95951 (06010524)
3756890.2	57.19765 (06120424)	61.76674 (06120424)	63.30649 (06120424)	61.50632 (06120424)	59.42331 (05020424)
3756860.2	55.85274 (06120424)	58.71932 (06120424)	58.71422 (06120424)	55.88908 (06010524)	57.39569 (05020424)
3756830.2	53.89943 (06120424)	55.30514 (06120424)	54.07852 (06120424)	51.59210 (06010524)	55.03963 (05020424)
3756800.2	51.50278 (06120424)	51.68922 (06120424)	49.51839 (06120424)	49.91484 (05020424)	52.43942 (05020424)
3756770.2	48.80215 (06120424)	47.99393 (06120424)	45.27164 (06010524)	48.42667 (05020424)	49.67805 (05020424)
3756740.2	45.91773 (06120424)	44.31208 (06120424)	43.45781 (05020424)	46.66033 (05020424)	46.82858 (05020424)
3756710.2	42.93576 (06120424)	40.70507 (06120424)	42.59001 (05020424)	44.68920 (05020424)	43.95690 (05020424)
3756680.2	39.92924 (06120424)	37.94035 (05020424)	41.44423 (05020424)	42.57686 (05020424)	41.11646 (05020424)
3756650.2	36.94978 (06120424)	37.50228 (05020424)	40.08019 (05020424)	40.38219 (05020424)	38.34954 (05020424)

*** AERMOD - VERSION 09292 *** *** Site 14 - PM10 *** 10/26/10
*** *** 14:48:25
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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	372295.22	372325.22	372355.22	372385.22	372415.22
3758120.2	51.16415 (06090524)	48.85706 (06090524)	44.31999 (06090524)	41.85835 (06091124)	45.53400 (07050924)
3758090.2	55.25015 (06090524)	53.60304 (06090524)	48.85000 (06090524)	44.98646 (06091124)	47.51569 (07050924)
3758060.2	59.33979 (06090524)	58.74091 (06090524)	54.07991 (06090524)	48.37082 (06091124)	49.67257 (07050924)
3758030.2	63.32782 (06090524)	64.16657 (06090524)	60.02343 (06090524)	52.61497 (06090524)	52.02981 (07050924)
3758000.2	67.13910 (06090524)	69.76128 (06090524)	66.64060 (06090524)	58.88999 (06090524)	55.43390 (06091124)
3757970.2	70.71855 (06090524)	75.40406 (06090524)	73.84372 (06090524)	66.21912 (06090524)	60.47834 (06091124)
3757940.2	74.03984 (06090524)	81.00526 (06090524)	81.52383 (06090524)	74.61850 (06090524)	66.06339 (06091124)
3757910.2	77.07383 (06090524)	86.50967 (06090524)	89.56808 (06090524)	84.04303 (06090524)	73.57918 (06090524)
3757880.2	79.77375 (06090524)	91.89168 (06090524)	97.92155 (06090524)	94.41722 (06090524)	84.51131 (06090524)
3757850.2	82.01244 (06090524)	97.14133 (06090524)	106.57179 (06090524)	105.68037 (06090524)	97.23503 (06090524)
3757820.2	83.53422 (06090524)	102.23460 (06090524)	115.59167 (06090524)	117.86192 (06090524)	111.79109 (06090524)
3757790.2	83.87752 (06090524)	107.08567 (06090524)	125.11229 (06090524)	131.12051 (06090524)	128.30542 (06090524)
3757760.2	87.61862 (06062824)	111.48628 (06090524)	135.34884 (06090524)	145.83451 (06090524)	147.13892 (06090524)
3757730.2	100.78561 (06062824)	114.97937 (06090524)	146.63271 (06090524)	162.73247 (06090524)	169.09556 (06090524)
3757700.2	113.11513 (06062824)	123.51865 (06062824)	159.38411 (06090524)	183.09626 (06090524)	195.66760 (06090524)
3757670.2	124.13504m(05010924)	141.43636m(05010924)	174.64196 (06090524)	209.54733 (06090524)	229.85692 (06090524)
3757640.2	135.74437 (05021824)	160.31425m(05010924)	195.07204 (06090524)	249.49375 (06090524)	279.27846 (06090524)
3757610.2	172.13128 (05021824)	196.04262 (05021824)	229.94136m(05010924)	322.16287 (06090524)	367.76611 (06090524)
3757580.2	204.57185 (05021824)	256.35427 (05021824)	339.50770 (05021824)	513.49996 (06090524)	599.02106 (06090524)
3757550.2	223.02306 (05021824)	292.72742 (05021824)	450.06463 (07112524)	1199.33406 (06121424)	1294.67588 (06121424)
3757520.2	282.54931 (07112524)	380.12359 (07112524)	596.05871 (07112524)	1296.86478 (06121424)	1381.82466 (06121424)
3757490.2	325.77086 (07112524)	439.54854 (07112524)	660.71093 (07112524)	1333.44728 (07112524)	1405.72650 (06121424)
3757460.2	353.05876 (07112524)	470.85156 (07112524)	691.77785 (07112524)	1361.76682 (07112524)	1398.98721 (06121424)
3757430.2	367.45281m(05012424)	476.42210 (07112524)	695.92366 (07112524)	1389.87524 (05120824)	1441.05650 (05120824)
3757400.2	367.01250m(05012424)	452.85167 (07112524)	666.41901 (07112524)	1438.23849 (05120824)	1461.34019 (05120824)
3757370.2	354.94856 (05121124)	447.73333 (05111724)	633.30126 (05120824)	1402.34334 (05120824)	1399.29813 (05120824)
3757340.2	351.09756 (05111724)	431.07496 (06123024)	521.89529 (05120824)	544.28387 (05011824)	555.86350 (05011824)
3757310.2	331.24088 (06123024)	372.45802 (05120824)	375.67673 (05120824)	391.03925 (05011824)	415.33241 (07081524)
3757280.2	293.48465 (05120824)	297.55257 (05120824)	302.11763 (06121824)	299.44761 (05011824)	342.75725 (07081524)
3757250.2	244.04670 (05120824)	236.06732 (06121824)	245.22471 (06121824)	232.99190 (05011824)	294.57829 (07081524)
3757220.2	194.23293 (05122924)	200.27800 (06121824)	198.31823 (06121824)	194.97448 (07081524)	259.43755 (07081524)
3757190.2	163.59073 (06121824)	167.56563 (06121824)	167.62213 (06010524)	174.64577 (07081524)	232.37623 (07081524)
3757160.2	141.19541 (05011824)	144.04499 (06010524)	145.86415 (06010524)	158.83158 (07081524)	210.78474 (07081524)
3757130.2	122.86163 (06120424)	129.13237 (06010524)	126.90912 (06010524)	146.13049 (07081524)	193.10704 (07081524)
3757100.2	113.09950 (06120424)	115.31004 (06010524)	110.37348 (06010524)	135.67206 (07081524)	178.33267 (07081524)
3757070.2	102.76994 (06120424)	102.65583 (06010524)	96.00929 (06010524)	126.88912 (07081524)	165.76946 (07081524)
3757040.2	93.35212 (06010524)	91.21854 (06010524)	86.35663 (05020424)	119.38799 (07081524)	154.92093 (07081524)
3757010.2	84.59606 (06010524)	80.97684 (06010524)	79.37110 (05020424)	112.88565 (07081524)	145.41726 (07081524)
3756980.2	76.46263 (06010524)	75.56091 (05020424)	72.59961 (05020424)	107.17306 (07081524)	136.98215 (07081524)
3756950.2	69.22100 (05020424)	70.51219 (05020424)	66.55689 (07081524)	102.09069 (07081524)	129.40427 (07081524)

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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	372295.22	372325.22	372355.22	372385.22	372415.22
3756920.2	65.94239 (05020424)	65.45250 (05020424)	64.95333 (07081524)	97.50957 (07081524)	122.52109 (07081524)
3756890.2	62.41661 (05020424)	60.45455 (05020424)	63.42246 (07081524)	93.33386 (07081524)	116.21374 (07081524)
3756860.2	58.72878 (05020424)	55.59779 (05020424)	61.95248 (07081524)	89.48382 (07081524)	110.39151 (07081524)
3756830.2	54.96742 (05020424)	50.94275 (05020424)	60.53047 (07081524)	85.89895 (07081524)	104.99213 (07081524)
3756800.2	51.20689 (05020424)	46.54503 (05020424)	59.14383 (07081524)	82.53401 (07081524)	99.96566 (07081524)
3756770.2	47.51974 (05020424)	44.06371 (06112824)	57.78169 (07081524)	79.35342 (07081524)	95.27961 (07081524)
3756740.2	43.95632 (05020424)	41.73998 (06112824)	56.43547 (07081524)	76.33261 (07081524)	90.90391 (07081524)
3756710.2	40.55774 (05020424)	39.48989 (06112824)	55.09854 (07081524)	73.45469 (07081524)	86.81893 (07081524)
3756680.2	37.56555 (06112824)	38.24929 (07081524)	53.76580 (07081524)	70.70781 (07081524)	83.00538 (07081524)
3756650.2	35.91960 (06112824)	37.85334 (07081524)	52.43487 (07081524)	68.08557 (07081524)	79.44540 (07081524)

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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	372445.22	372475.22	372505.22	372535.22	372565.22

Site #14 – Localized PM_{10} Concentrations

3758120.2	49.25572 (07050924)	48.82703 (07050924)	51.26959 (07083124)	57.91360 (07083124)	61.92382 (07083124)
3758090.2	51.39813 (07050924)	51.00103 (07050924)	55.48700 (07083124)	62.62379 (07083124)	66.57668 (07083124)
3758060.2	53.70882 (07050924)	53.34670 (07050924)	60.25353 (07083124)	67.87262 (07083124)	71.66859 (07083124)
3758030.2	56.21170 (07050924)	55.88683 (07050924)	65.65670 (07083124)	73.72677 (07083124)	77.24225 (07083124)
3758000.2	58.93468 (07050924)	59.62321 (07083124)	71.79822 (07083124)	80.26508 (07083124)	83.34566 (07083124)
3757970.2	61.91305 (07050924)	65.46185 (07083124)	78.79643 (07083124)	87.57521 (07083124)	90.03182 (07083124)
3757940.2	65.19188 (07050924)	72.26302 (07083124)	86.78646 (07083124)	95.75250 (07083124)	97.35993 (07083124)
3757910.2	69.59271 (06091124)	80.22892 (07083124)	95.92481 (07083124)	104.91440 (07083124)	105.39542 (07083124)
3757880.2	77.30656 (06091124)	89.60884 (07083124)	106.39187 (07083124)	115.18644 (07083124)	114.23037 (07083124)
3757850.2	86.14472 (06091124)	100.70980 (07083124)	118.39561 (07083124)	126.72463 (07083124)	124.00935 (07083124)
3757820.2	101.04897 (06090524)	113.90968 (07083124)	132.19029 (07083124)	139.75963 (07083124)	134.99641 (07083124)
3757790.2	119.67103 (06090524)	129.66847 (07083124)	148.08213 (07083124)	154.64890 (07083124)	147.67470 (07083124)
3757760.2	141.94583 (06090524)	148.58050 (07083124)	166.56159 (07083124)	172.07828 (07083124)	162.87016 (07083124)
3757730.2	168.53118 (06090524)	171.47331 (07083124)	188.54550 (07083124)	193.30539 (07083124)	181.87290 (07083124)
3757700.2	200.68786 (06090524)	199.80738 (07083124)	215.91500 (07083124)	220.46315 (07083124)	206.56944 (07083124)
3757670.2	241.02735 (06090524)	236.67207 (07083124)	252.22711 (07083124)	256.88727 (07083124)	239.92033 (07083124)
3757640.2	296.22849 (06090524)	294.63941 (06090524)	304.09249 (07083124)	308.72566 (07083124)	288.00217 (07083124)
3757610.2	390.13111 (06090524)	397.85731 (05082924)	398.07985 (05082924)	391.94316 (07083124)	367.35928 (07083124)
3757580.2	631.39592 (05082924)	652.04398 (05082924)	651.95895 (05082924)	630.12653 (05082924)	573.00327 (06101024)
3757550.2	1303.98199 (06121424)	1285.01734 (06121424)	1255.53263 (07111824)	1301.86324 (07111824)	1335.79052 (07111824)
3757520.2	1391.14086 (06121424)	1367.91795 (06121424)	1310.18771 (06121424)	1353.20674 (07111824)	1378.16267 (07111824)
3757490.2	1410.39184 (06121424)	1381.98493 (06121424)	1349.83333 (07013024)	1352.74117 (07111824)	1368.62575 (07111824)
3757460.2	1400.25972 (05010124)	1390.63365 (07013024)	1395.98095 (07013024)	1347.29705 (07013024)	1330.15797 (07111824)
3757430.2	1427.92420 (05010124)	1409.69988 (07013024)	1405.24706 (07013024)	1346.03472 (07013024)	1294.48166 (05102324)
3757400.2	1423.97053 (05010124)	1396.67702 (07013024)	1380.07192 (07013024)	1315.90420 (07013024)	1216.42527 (05102324)
3757370.2	1348.24854 (05120824)	1276.93462 (05120824)	1226.76787 (07013024)	1168.15324 (07013024)	1017.31128 (07081524)
3757340.2	561.14300 (07081524)	562.72973 (07081524)	560.73680 (07081524)	543.81728 (07081524)	420.64704 (07081524)
3757310.2	428.42959 (07081524)	430.25796 (07081524)	427.44139 (07081524)	406.24382 (07081524)	292.48654 (07081524)
3757280.2	357.74257 (07081524)	359.89037 (07081524)	355.82937 (07081524)	330.75137 (07081524)	230.97486 (07081524)
3757250.2	311.00097 (07081524)	313.45303 (07081524)	307.85584 (07081524)	279.91191 (07081524)	193.47042 (07081524)
3757220.2	276.81913 (07081524)	279.45939 (07081524)	272.19115 (07081524)	242.76459 (07081524)	167.77508 (07081524)
3757190.2	250.27033 (07081524)	252.91941 (07081524)	244.01201 (07081524)	214.44530 (07081524)	148.87995 (07081524)
3757160.2	228.78631 (07081524)	231.24321 (07081524)	220.90891 (07081524)	192.21536 (07081524)	134.30922 (07081524)
3757130.2	210.85845 (07081524)	212.94061 (07081524)	201.54895 (07081524)	174.33351 (07081524)	122.67948 (07081524)
3757100.2	195.53774 (07081524)	197.10664 (07081524)	185.10899 (07081524)	159.63983 (07081524)	113.15064 (07081524)
3757070.2	182.18908 (07081524)	183.16610 (07081524)	171.02037 (07081524)	147.34373 (07081524)	105.18042 (07081524)
3757040.2	170.36852 (07081524)	170.75564 (07081524)	158.85189 (07081524)	136.88820 (07081524)	98.39872 (07081524)
3757010.2	159.76451 (07081524)	159.62960 (07081524)	148.25971 (07081524)	127.87597 (07081524)	92.54788 (07081524)
3756980.2	150.16122 (07081524)	149.61528 (07081524)	138.96830 (07081524)	120.01588 (07081524)	87.43958 (07081524)
3756950.2	141.40122 (07081524)	140.58241 (07081524)	130.75227 (07081524)	113.08845 (07081524)	82.93294 (07081524)

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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372445.22	372475.22	372505.22	372535.22	372565.22
3756920.2	133.37467 (07081524)	132.41664 (07081524)	123.43258 (07081524)	106.92752 (07081524)	78.92170 (07081524)
3756890.2	126.00152 (07081524)	125.02310 (07081524)	116.86346 (07081524)	101.40572 (07081524)	75.32297 (07081524)
3756860.2	119.21817 (07081524)	118.31653 (07081524)	110.92833 (07081524)	96.42032 (07081524)	72.07190 (07081524)
3756830.2	112.97801 (07081524)	112.21957 (07081524)	105.53541 (07081524)	91.89188 (07081524)	69.11577 (07081524)
3756800.2	107.23546 (07081524)	106.66265 (07081524)	100.60786 (07081524)	87.75594 (07081524)	66.41116 (07081524)
3756770.2	101.95052 (07081524)	101.58478 (07081524)	96.08393 (07081524)	83.95888 (07081524)	63.92451 (07081524)
3756740.2	97.08371 (07081524)	96.92946 (07081524)	91.91319 (07081524)	80.45517 (07081524)	61.62604 (07081524)
3756710.2	92.60133 (07081524)	92.65051 (07081524)	88.05283 (07081524)	77.21182 (07081524)	59.49152 (07081524)
3756680.2	88.46711 (07081524)	88.70403 (07081524)	84.46789 (07081524)	74.19621 (07081524)	57.50020 (07081524)
3756650.2	84.64934 (07081524)	85.05258 (07081524)	81.12925 (07081524)	71.38324 (07081524)	55.63568 (07081524)

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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372595.22	372625.22	372655.22	372685.22	372715.22
3758120.2	62.81554 (07083124)	60.71663 (07083124)	56.08736 (07083124)	49.46617 (07083124)	46.49241 (05052624)
3758090.2	66.91888 (07083124)	63.93945 (07083124)	58.22737 (07083124)	50.42797 (07083124)	49.65411 (05052624)
3758060.2	71.31091 (07083124)	67.27235 (07083124)	60.29045 (07083124)	51.51783 (05052624)	52.75794 (05052624)
3758030.2	76.00445 (07083124)	70.69307 (07083124)	62.22258 (07083124)	55.78803 (05052624)	55.72934 (05052624)
3758000.2	81.00865 (07083124)	74.16770 (07083124)	63.97014 (07083124)	60.13919 (05052624)	58.47164 (05052624)
3757970.2	86.33082 (07083124)	77.65920 (07083124)	65.48187 (07083124)	64.49480 (05052624)	62.92131 (07071524)
3757940.2	91.97760 (07083124)	81.13186 (07083124)	68.72330 (05052624)	68.74663 (05052624)	71.14378 (07071524)
3757910.2	97.96147 (07083124)	84.56425 (07083124)	74.98516 (05052624)	72.72142 (05052624)	78.79547 (07071524)
3757880.2	104.33296 (07083124)	87.96032 (07083124)	81.43227 (05052624)	82.47812 (07071524)	85.61569 (07071524)
3757850.2	111.20321 (07083124)	91.36994 (07083124)	87.88942 (05052624)	91.98199 (07071524)	91.31417 (07071524)
3757820.2	118.78954 (07083124)	97.32192 (05052624)	97.99161 (07071524)	101.14698 (07071524)	95.54543 (07071524)
3757790.2	127.44535 (07083124)	107.74384 (05052624)	110.80562 (07071524)	109.80563 (07071524)	97.92984 (07071524)
3757760.2	137.62702 (07083124)	121.76849 (07071524)	124.68146 (07071524)	117.36746 (07071524)	112.25712 (07092824)
3757730.2	149.78863 (07083124)	141.32359 (07071524)	139.49540 (07071524)	130.99080 (07031824)	131.50250 (07092824)
3757700.2	164.62024 (07071524)	165.11482 (07071524)	156.29340 (07031824)	156.44834 (07092824)	174.43400 (06101024)
3757670.2	199.74424 (07071524)	192.96843 (07071524)	191.37115 (07092824)	217.61058 (06101024)	231.29318 (06101024)
3757640.2	247.84116 (07071524)	248.39957 (06101024)	278.24948 (06101024)	283.67371 (06101024)	267.94975 (06101024)
3757610.2	344.93015 (06101024)	373.68825 (06101024)	354.69878 (06101024)	313.93157 (06101024)	271.94110 (06101024)
3757580.2	579.15634 (06101024)	457.77662 (06101024)	373.92582 (06101024)	310.80923 (06101024)	257.63966 (06101024)
3757550.2	662.91909 (06101024)	472.50858 (06101024)	369.64262 (06101024)	294.00514 (06101024)	231.49183 (06101024)
3757520.2	665.14794 (06101024)	453.93359 (06101024)	340.68139 (06101024)	270.11801 (05102324)	227.67930 (05081824)
3757490.2	638.82394 (05102324)	427.42835 (05102324)	327.67415 (05102324)	266.08586 (05102324)	223.26904 (05102324)
3757460.2	627.65657 (05102324)	413.00267 (05102324)	312.12153 (05102324)	250.83712 (06060724)	212.37646 (06060724)
3757430.2	605.71196 (06051424)	407.24153 (06051424)	306.66046 (06051424)	243.68721 (06060724)	209.76203 (06060724)
3757400.2	579.71021 (06051424)	391.89074 (06051424)	301.90826 (06051424)	241.84271 (06051424)	196.69164 (06051424)
3757370.2	454.94424 (06051424)	323.63678 (06051424)	259.02997 (06051424)	214.37586 (06051424)	179.27218 (06051424)
3757340.2	268.38695 (05040924)	209.13505 (05040924)	188.43187 (06051424)	168.95114 (06051424)	150.10955 (06051424)
3757310.2	193.96870 (05040924)	174.13820 (05040924)	146.21276 (05040924)	129.34919 (06051424)	119.18789 (06051424)
3757280.2	154.99173 (05120324)	141.45803 (05040924)	127.69551 (05040924)	113.27958 (05012924)	100.46809 (06051424)

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3757250.2 |    139.36972 (05120324)    114.47342 (05040924)    109.11576 (05040924)     99.87031 (05012924)     92.22507 (05012924)
3757220.2 |    125.84867 (05120324)    101.63012 (05120324)     91.81901 (05040924)     87.27953 (05040924)     82.98374 (05012924)
3757190.2 |    113.84611 (05120324)     96.40915 (05120324)     81.49419 (05061324)     75.45740 (05040924)     71.71988 (05040924)
3757160.2 |    102.92532 (05120324)     90.54207 (05120324)     75.80081 (05061324)     66.56628 (05061324)     63.32845 (05040924)
3757130.2 |     92.83399 (05120324)     84.38693 (05120324)     72.58758 (05120324)     63.85858 (05061324)     55.62553 (05040924)
3757100.2 |     83.45872 (05120324)     78.12148 (05120324)     69.53708 (05120324)     60.22220 (05061324)     53.65407 (05061324)
3757070.2 |     74.79351 (05120324)     71.86823 (05120324)     65.90611 (05120324)     57.45538 (05120324)     51.72115 (05061324)
3757040.2 |     66.87960 (05120324)     65.74572 (05120324)     61.90385 (05120324)     55.67811 (05120324)     49.16736 (05061324)
3757010.2 |     59.75942 (05120324)     59.87096 (05120324)     57.69964 (05120324)     53.32995 (05120324)     47.03473 (05120324)
3756980.2 |     53.44638 (05120324)     54.35062 (05120324)     53.43410 (05120324)     50.58005 (05120324)     45.91041 (05120324)
3756950.2 |     47.91641 (05120324)     49.26494 (05120324)     49.23837 (05120324)     47.58269 (05120324)     44.28524 (05120324)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        14:48:25
                                                                                                                         PAGE  23
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                      **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372595.22              372625.22              372655.22              372685.22              372715.22
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756920.2 |     46.55198 (07081524)     44.65848 (05120324)     45.21663 (05120324)     44.46685 (05120324)     42.29607 (05120324)
3756890.2 |     45.43807 (07081524)     41.33260 (07120824)     41.44297 (05120324)     41.34464 (05120324)     40.06585 (05120324)
3756860.2 |     44.37593 (07081524)     39.56599 (07120824)     37.97123 (05120324)     38.30848 (05120324)     37.70513 (05120324)
3756830.2 |     43.35950 (07081524)     37.77939 (07120824)     34.81511 (05120324)     35.42254 (05120324)     35.30757 (05120324)
3756800.2 |     42.39081 (07081524)     36.01237 (07120824)     33.70020 (07120824)     32.73160 (05120324)     32.94867 (05120324)
3756770.2 |     41.46443 (07081524)     34.29134 (07120824)     32.67741 (07120824)     30.25483 (05120324)     30.68304 (05120324)
3756740.2 |     40.57671 (07081524)     32.64050 (07120824)     31.58955 (07120824)     28.00086 (05120324)     28.54691 (05120324)
3756710.2 |     39.72023 (07081524)     31.07093 (07120824)     30.47112 (07120824)     27.39260 (07120824)     26.56198 (05120324)
3756680.2 |     38.89909 (07081524)     29.58793 (07120824)     29.35009 (07120824)     26.85230 (07120824)     24.73713 (05120324)
3756650.2 |     38.10715 (07081524)     28.18805 (07120824)     28.24845 (07120824)     26.23974 (07120824)     23.17660 (05091724)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        14:48:25
                                                                                                                         PAGE  24
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                      **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372745.22              372775.22              372805.22              372835.22              372865.22
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758120.2 |     46.38508 (05052624)     43.21078 (05052624)     49.16877 (07071524)     52.45473 (07071524)     51.71192 (07071524)
3758090.2 |     48.36475 (05052624)     48.91326 (07071524)     54.17653 (07071524)     55.31771 (07071524)     52.11297 (07071524)
3758060.2 |     50.09049 (05052624)     55.12052 (07071524)     58.39638 (07071524)     56.97546 (07071524)     51.17198 (07071524)
3758030.2 |     55.20396 (07071524)     60.76784 (07071524)     61.52141 (07071524)     57.22752 (07071524)     48.89235 (07071524)
3758000.2 |     62.29419 (07071524)     65.52445 (07071524)     63.27634 (07071524)     55.95988 (07071524)     45.45651 (07071524)
3757970.2 |     68.77246 (07071524)     69.06306 (07071524)     63.43488 (07071524)     53.24986 (07071524)     48.91956 (07092824)
3757940.2 |     74.31242 (07071524)     71.07984 (07071524)     61.92577 (07071524)     52.94851 (07031824)     56.63022 (07092824)
3757910.2 |     78.58307 (07071524)     71.34617 (07071524)     58.91569 (07071524)     61.65861 (07092824)     63.82361 (07092824)
3757880.2 |     81.26230 (07071524)     69.83383 (07071524)     67.53900 (07092824)     70.22919 (07092824)     69.55253 (07092824)
3757850.2 |     82.10920 (07071524)     74.57453 (07031824)     77.83763 (07092824)     77.32867 (07092824)     73.16788 (07092824)
3757820.2 |     83.88893 (07031824)     87.00526 (07092824)     86.73068 (07092824)     82.49091 (06101024)     96.70381 (06101024)
3757790.2 |     98.23325 (07092824)     98.28954 (07092824)     97.73059 (06101024)    113.33623 (06101024)    124.27126 (06101024)
3757760.2 |    112.80265 (07092824)    117.12393 (06101024)    133.87477 (06101024)    144.23302 (06101024)    147.81387 (06101024)
3757730.2 |    142.03578 (06101024)    159.32192 (06101024)    167.91620 (06101024)    168.10204 (06101024)    161.39970 (06101024)
3757700.2 |    191.07160 (06101024)    195.94129 (06101024)    190.67906 (06101024)    178.12734 (06101024)    161.03742 (06101024)
3757670.2 |    229.03161 (06101024)    215.37255 (06101024)    195.19002 (06101024)    171.94235 (06101024)    147.78327 (06101024)
3757640.2 |    242.05690 (06101024)    212.72835 (06101024)    182.78708 (06101024)    153.50099 (06101024)    132.62631 (06052024)
3757610.2 |    232.25516 (06101024)    194.79441 (06101024)    163.13776 (06052024)    142.86900 (06052024)    128.38438 (05081824)
3757580.2 |    210.22870 (06101024)    177.32268 (06052024)    157.28049 (05081824)    145.19010 (05081824)    133.89720 (05081824)
3757550.2 |    199.16477 (05081824)    179.14453 (05081824)    161.64676 (05081824)    145.87040 (05081824)    131.38609 (05081824)
3757520.2 |    199.54875 (05081824)    175.71295 (05081824)    154.72003 (05081824)    135.92819 (05081824)    119.06657 (05081824)
3757490.2 |    191.07069 (05102324)    166.20507 (05102324)    146.36081 (05102324)    129.77808 (05102324)    115.41266 (05102324)
3757460.2 |    182.25192 (06060724)    157.76243 (06060724)    137.55888 (06060724)    120.84264 (06060724)    106.98866 (06060724)
3757430.2 |    183.45439 (06060724)    161.83702 (06060724)    143.44540 (06060724)    127.55720 (06060724)    113.80350 (06060724)
3757400.2 |    170.82851 (06060724)    153.00434 (06060724)    137.90435 (06060724)    124.69245 (06060724)    112.91579 (06060724)
3757370.2 |    150.24196 (06051424)    131.20980 (06060724)    120.95685 (06060724)    111.86025 (06060724)    103.54489 (06060724)
3757340.2 |    131.76061 (06051424)    114.32619 (06051424)     98.44915 (06051424)     92.73853 (06060724)     88.28827 (06060724)
3757310.2 |    108.57518 (06051424)     97.69497 (06051424)     86.71890 (06051424)     76.12953 (06051424)     71.49808 (07110724)
3757280.2 |     93.77699 (06051424)     86.37424 (05070424)     78.05376 (05070424)     69.60965 (06030824)     64.91672 (06030824)
3757250.2 |     83.48868 (06051424)     79.48544 (06051424)     74.10108 (05070424)     68.60883 (05070424)     62.02553 (05070424)
3757220.2 |     77.38491 (05012924)     71.62276 (06051424)     69.84784 (06051424)     65.13009 (06051424)     60.33629 (05070424)
3757190.2 |     70.66909 (05012924)     66.37444 (05012924)     62.30957 (06051424)     62.25352 (06051424)     59.28619 (06051424)
3757160.2 |     61.90602 (05012924)     61.26837 (05012924)     57.88452 (05012924)     54.56745 (06051424)     55.73855 (06051424)
3757130.2 |     54.10425 (05040924)     54.33329 (05012924)     53.84750 (05012924)     51.14758 (05012924)     49.25747 (05082324)
3757100.2 |     48.29183 (05040924)     46.91145 (05040924)     48.19547 (05012924)     47.84414 (05012924)     45.67702 (05012924)
3757070.2 |     45.24306 (05061324)     42.42355 (05040924)     41.70336 (05012924)     43.12548 (05012924)     42.89423 (05012924)
3757040.2 |     44.38707 (05061324)     38.38852 (05061324)     37.64475 (05040924)     37.63584 (05012924)     38.87402 (05012924)
3757010.2 |     42.91847 (05061324)     38.21222 (05061324)     34.11128 (05040924)     33.69130 (05040924)     34.16777 (05012924)
3756980.2 |     41.03135 (05061324)     37.48072 (05061324)     33.04619 (05061324)     30.95307 (06071724)     30.80637 (07092724)
3756950.2 |     39.45143 (05120324)     36.32715 (05061324)     33.11669 (07021324)     28.70744 (05061324)     29.28214 (06071724)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        14:48:25
                                                                                                                         PAGE  25
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                      **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372745.22              372775.22              372805.22              372835.22              372865.22
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756920.2 |     38.69623 (05120324)     34.85291 (05061324)     32.71159 (07021324)     29.34016 (07021324)     27.57561 (06071724)
3756890.2 |     37.51566 (05120324)     33.71236 (05120324)     31.67345 (07021324)     29.46145 (07021324)     25.93530 (07021324)
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3756860.2 |     36.01922 (05120324)     33.17704 (05120324)     30.12458 (07021324)     28.98873 (07021324)     26.43107 (07021324)
3756830.2 |     34.30535 (05120324)     32.28708 (05120324)     29.23403 (05120324)     28.01170 (07021324)     26.38315 (07021324)
3756800.2 |     32.46575 (05120324)     31.12603 (05120324)     28.83755 (05120324)     26.63650 (07021324)     25.85761 (07021324)
3756770.2 |     30.57789 (05120324)     29.77707 (05120324)     28.14463 (05120324)     25.65521 (05120324)     24.93413 (07021324)
3756740.2 |     28.70099 (05120324)     28.31236 (05120324)     27.22457 (05120324)     25.41109 (05081524)     23.70671 (07021324)
3756710.2 |     26.88203 (05120324)     26.79445 (05120324)     26.14140 (05120324)     25.07038 (05081524)     23.03829 (05081524)
3756680.2 |     25.15314 (05120324)     25.27413 (05120324)     24.95444 (05120324)     24.33207 (05081524)     23.19507 (05081524)
3756650.2 |     23.53277 (05120324)     23.78870 (05120324)     23.71510 (05120324)     23.26431 (05081524)     22.94319 (05081524)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM10                                                      ***        10/26/10
                                  ***                                                                     ***        14:48:25
                                                                                                                     PAGE  26

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372895.22              372925.22              372955.22              372985.22              373015.22
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758120.2 |     47.14659 (07071524)     39.81435 (07071524)     31.30453 (07071524)     32.85817 (07092824)     35.58768 (07092824)
3758090.2 |     45.31944 (07071524)     36.51101 (07071524)     34.71439 (07031824)     37.68245 (07092824)     39.60941 (07092824)
3758060.2 |     42.38164 (07071524)     37.07813 (07031824)     40.01379 (07092824)     42.23350 (07092824)     42.85387 (07092824)
3758030.2 |     39.66284 (07031824)     42.62877 (07092824)     45.17659 (07092824)     46.01426 (07092824)     44.95609 (07092824)
3758000.2 |     45.57543 (07092824)     48.50190 (07092824)     49.59129 (07092824)     48.57650 (07092824)     45.82254 (07092824)
3757970.2 |     52.28724 (07092824)     53.67390 (07092824)     52.71223 (07092824)     49.77235 (07092824)     49.27662 (06101024)
3757940.2 |     58.36948 (07092824)     57.47951 (07092824)     54.31752 (07092824)     55.56437 (06101024)     63.66342 (06101024)
3757910.2 |     63.02607 (07092824)     59.59676 (07092824)     63.08408 (06101024)     71.91758 (06101024)     78.72880 (06101024)
3757880.2 |     65.79628 (07092824)     72.15583 (06101024)     81.74406 (06101024)     88.77491 (06101024)     92.95489 (06101024)
3757850.2 |     83.19028 (06101024)     93.47930 (06101024)    100.49997 (06101024)    104.02581 (06101024)    104.24032 (06101024)
3757820.2 |    107.51104 (06101024)    114.12358 (06101024)    116.47601 (06101024)    114.94680 (06101024)    110.18010 (06101024)
3757790.2 |    129.84632 (06101024)    130.27902 (06101024)    126.28394 (06101024)    118.80102 (06101024)    108.89590 (06101024)
3757760.2 |    145.33334 (06101024)    137.97614 (06101024)    127.10828 (06101024)    114.11976 (06101024)    100.25502 (06101024)
3757730.2 |    149.67344 (06101024)    134.79645 (06101024)    118.41827 (06101024)    101.85841 (06101024)     86.39861 (06052024)
3757700.2 |    141.67114 (06101024)    121.72422 (06101024)    102.43082 (06101024)     93.07496 (06052024)     84.51370 (06052024)
3757670.2 |    124.12377 (06101024)    110.13691 (06052024)     98.98826 (06052024)     88.24391 (06052024)     86.29012 (05081824)
3757640.2 |    117.79800 (06052024)    106.21775 (05081824)    102.12193 (05081824)     97.54143 (05081824)     92.61845 (05081824)
3757610.2 |    121.01197 (05081824)    113.61154 (05081824)    106.22332 (05081824)     98.90555 (05081824)     91.72049 (05081824)
3757580.2 |    123.20064 (05081824)    113.00477 (05081824)    103.29400 (05081824)     94.09042 (05081824)     85.43239 (05081824)
3757550.2 |    118.00151 (05081824)    105.64998 (05081824)     94.30331 (05081824)     83.95810 (05081824)     76.62785 (06050424)
3757520.2 |    104.01460 (05081824)     93.20268 (05102324)     84.16500 (05102324)     76.80798 (06050424)     70.74319 (06050424)
3757490.2 |    102.74543 (05102324)     91.52444 (05102324)     81.61999 (05102324)     72.92851 (05102324)     65.34520 (05102324)
3757460.2 |     97.41885 (07051524)     89.36387 (07051524)     82.27853 (07051524)     76.00334 (07051524)     70.41544 (07051524)
3757430.2 |    101.94109 (06060724)     91.73448 (06060724)     82.96814 (06060724)     77.34193 (07051524)     72.31423 (07051524)
3757400.2 |    102.34705 (06060724)     92.87066 (06060724)     84.43772 (06060724)     76.98768 (06060724)     70.43933 (06060724)
3757370.2 |     95.79235 (06060724)     88.50059 (06060724)     81.65894 (06060724)     75.29258 (06060724)     69.43634 (06060724)
3757340.2 |     83.84025 (06060724)     79.36426 (06060724)     74.86143 (06060724)     70.36675 (06060724)     65.93974 (06060724)
3757310.2 |     69.06751 (07110724)     66.59219 (06060724)     64.54389 (06060724)     62.20232 (06060724)     59.61816 (06060724)
3757280.2 |     59.78089 (06030824)     57.90752 (07110724)     57.05135 (07110724)     55.78768 (07110724)     54.19727 (07110724)
3757250.2 |     57.72074 (05070224)     53.61990 (05070224)     48.95687 (05070224)     47.44462 (07110724)     47.62010 (07110724)
3757220.2 |     55.48857 (05070424)     52.66553 (05070224)     50.10757 (05070224)     46.73699 (05070224)     42.83002 (05070224)
3757190.2 |     54.31710 (06051424)     49.73871 (05070424)     47.36554 (05070224)     46.22031 (05070224)     44.11930 (05070224)
3757160.2 |     54.25524 (06051424)     50.68558 (06051424)     45.75962 (06051424)     41.95711 (05070224)     41.97859 (05070224)
3757130.2 |     49.96121 (06051424)     49.65092 (06051424)     47.33800 (06051424)     43.54816 (06051424)     38.83422 (06051424)
3757100.2 |     45.09174 (05082324)     44.78606 (06051424)     45.36487 (06051424)     44.10787 (06051424)     41.36485 (06051424)
3757070.2 |     41.14909 (05012924)     41.37847 (05082324)     41.24648 (05082324)     41.36669 (06051424)     40.96311 (06051424)
3757040.2 |     38.74782 (05012924)     37.34009 (05012924)     38.05298 (05082324)     38.42069 (05082324)     37.65359 (06051424)
3757010.2 |     35.26840 (05012924)     35.22884 (05012924)     34.09276 (05012924)     35.06048 (05082324)     35.81254 (05082324)
3756980.2 |     31.87406 (07092724)     32.17910 (05012924)     32.20993 (05012924)     31.29425 (05012924)     32.35986 (05082324)
3756950.2 |     29.40242 (07092724)     30.07643 (07092724)     29.50959 (05012924)     29.59701 (05012924)     28.85710 (05012924)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM10                                                      ***        10/26/10
                                  ***                                                                     ***        14:48:25
                                                                                                                     PAGE  27

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372895.22              372925.22              372955.22              372985.22              373015.22
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756920.2 |     27.57727 (06071724)     28.13196 (07092724)     28.42324 (07092724)     27.18668 (05012924)     27.31554 (05012924)
3756890.2 |     26.53770 (06071724)     25.86069 (06071724)     26.94982 (07092724)     26.88869 (07092724)     25.15045 (05012924)
3756860.2 |     24.96467 (07090824)     25.41113 (06071724)     24.15417 (06071724)     25.83082 (07092724)     25.45741 (07092724)
3756830.2 |     24.65517 (07090824)     24.38389 (07090824)     24.21563 (06071724)     23.24795 (07092724)     24.76103 (07092724)
3756800.2 |     23.92550 (07021324)     24.61381 (07090824)     23.56222 (07090824)     22.97050 (06071724)     22.58454 (07092724)
3756770.2 |     23.74826 (07021324)     23.80178 (07090824)     24.31085 (07090824)     22.53369 (07090824)     21.69374 (06071724)
3756740.2 |     23.18811 (07021324)     22.09966 (07090824)     24.00686 (07090824)     23.76332 (07090824)     21.46924 (06071724)
3756710.2 |     22.32058 (07021324)     21.46471 (07021324)     22.75481 (07090824)     23.96005 (07090824)     22.99319 (07090824)
3756680.2 |     21.22251 (07021324)     20.89119 (07021324)     20.72539 (07090824)     23.17984 (07090824)     23.67254 (07090824)
3756650.2 |     21.10843 (05081524)     20.08020 (07021324)     19.47183 (07021324)     21.55150 (07090824)     23.36802 (07090824)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM10                                                      ***        10/26/10
                                  ***                                                                     ***        14:48:25
                                                                                                                     PAGE  28

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       373045.22              373075.22              373105.22              373135.22              373165.22
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758120.2 |     37.25593 (07092824)     37.52585 (07092824)     36.38759 (07092824)     34.16538 (07092824)     31.29504 (07092824)
3758090.2 |     40.04255 (07092824)     38.92376 (07092824)     36.59050 (07092824)     33.52435 (07092824)     37.49510 (06101024)
3758060.2 |     41.76124 (07092824)     39.30604 (07092824)     36.01918 (07092824)     41.29874 (06101024)     46.27035 (06101024)
3758030.2 |     42.35989 (07092824)     39.44906 (06101024)     45.67848 (06101024)     51.00223 (06101024)     55.16990 (06101024)
3758000.2 |     43.96855 (06101024)     50.75718 (06101024)     56.45694 (06101024)     60.80000 (06101024)     63.69904 (06101024)
```

```
3757970.2 |     56.68636 (06101024)     62.77657 (06101024)     67.26181 (06101024)     70.06202 (06101024)     71.24920 (06101024)
3757940.2 |     70.13401 (06101024)     74.68651 (06101024)     77.25370 (06101024)     77.94680 (06101024)     76.98149 (06101024)
3757910.2 |     83.20900 (06101024)     85.33671 (06101024)     85.28163 (06101024)     83.33036 (06101024)     79.82856 (06101024)
3757880.2 |     94.33998 (06101024)     93.19212 (06101024)     89.90509 (06101024)     84.94824 (06101024)     78.81295 (06101024)
3757850.2 |    101.55331 (06101024)     96.52252 (06101024)     89.77467 (06101024)     81.94558 (06101024)     73.61722 (06101024)
3757820.2 |    102.94363 (06101024)     94.07272 (06101024)     84.36424 (06101024)     74.46432 (06101024)     64.84084 (06101024)
3757790.2 |     97.62840 (06101024)     85.90988 (06101024)     74.43058 (06101024)     64.99587 (06052024)     60.84432 (06052024)
3757760.2 |     86.48828 (06101024)     74.50396 (06052024)     69.31577 (06052024)     63.99715 (06052024)     58.70281 (06052024)
3757730.2 |     79.82232 (06052024)     73.12494 (06052024)     66.52406 (06052024)     63.22467 (05090224)     61.47336 (05081824)
3757700.2 |     76.16116 (06052024)     72.84742 (05081824)     71.83016 (05081824)     70.24140 (05081824)     68.19485 (05081824)
3757670.2 |     83.80747 (05081824)     80.80012 (05081824)     77.39873 (05081824)     73.72292 (05081824)     69.87527 (05081824)
3757640.2 |     87.47338 (05081824)     82.21897 (05081824)     76.95028 (05081824)     71.74803 (05081824)     66.67614 (05081824)
3757610.2 |     84.74132 (05081824)     78.02541 (05081824)     71.62335 (05081824)     65.56960 (05081824)     59.88054 (05081824)
3757580.2 |     77.34784 (05081824)     69.85191 (05081824)     63.84836 (06050424)     60.13719 (06050424)     56.79317 (06050424)
3757550.2 |     71.15617 (06050424)     66.31989 (06050424)     61.99579 (06050424)     58.09473 (06050424)     54.54386 (06050424)
3757520.2 |     65.38013 (06050424)     60.58530 (06050424)     56.26364 (06050424)     52.33959 (06050424)     48.76077 (06050424)
3757490.2 |     58.96448 (07051524)     54.68306 (07051524)     50.89899 (07051524)     47.53571 (07051524)     44.52982 (07051524)
3757460.2 |     65.41948 (07051524)     60.93908 (07051524)     56.90696 (07051524)     53.26747 (07051524)     49.97358 (07051524)
3757430.2 |     67.72467 (07051524)     63.52283 (07051524)     59.66803 (07051524)     56.12811 (07051524)     52.87214 (07051524)
3757400.2 |     64.90432 (07051524)     61.41258 (07051524)     58.16237 (07051524)     55.12807 (07051524)     52.29249 (07051524)
3757370.2 |     64.11011 (06060724)     59.31243 (06060724)     55.01998 (06060724)     51.19109 (06060724)     48.10685 (07051524)
3757340.2 |     61.65145 (06060724)     57.56794 (06060724)     53.74259 (06060724)     50.20763 (06060724)     46.97615 (06060724)
3757310.2 |     56.85653 (06060724)     53.98456 (06060724)     51.08020 (06060724)     48.21282 (06060724)     45.44310 (06060724)
3757280.2 |     52.33113 (07110724)     50.21956 (07110724)     47.89273 (07110724)     45.38429 (07110724)     42.73159 (07110724)
3757250.2 |     47.29688 (07110724)     46.56461 (07110724)     45.49172 (07110724)     44.12688 (07110724)     42.50828 (07110724)
3757220.2 |     39.16658 (07110724)     39.99763 (07110724)     40.32874 (07110724)     40.22910 (07110724)     39.76040 (07110724)
3757190.2 |     41.30082 (05070224)     38.00153 (05070224)     34.42447 (05070224)     33.74115 (07110724)     34.50439 (07110724)
3757160.2 |     41.01828 (05070224)     39.25061 (05070224)     36.86784 (05070224)     34.06223 (05070224)     31.00922 (05070224)
3757130.2 |     37.57384 (05070224)     37.55142 (05070224)     36.71548 (05070224)     35.20498 (05070224)     33.17268 (05070224)
3757100.2 |     37.56940 (06051424)     33.21810 (05070224)     33.90912 (05070224)     33.84034 (05070224)     33.09659 (05070224)
3757070.2 |     39.14007 (06051424)     36.20966 (06051424)     32.51286 (06051424)     30.27388 (05070224)     30.79295 (05070224)
3757040.2 |     37.91848 (06051424)     36.87442 (06051424)     34.72705 (06051424)     31.74267 (06051424)     28.20546 (06051424)
3757010.2 |     34.84973 (05082324)     34.99702 (06051424)     34.59359 (06051424)     33.13534 (06051424)     30.81242 (06051424)
3756980.2 |     33.40338 (05082324)     32.90023 (05082324)     32.22102 (06051424)     32.32982 (06051424)     31.46151 (06051424)
3756950.2 |     29.91630 (05082324)     31.17798 (05082324)     31.05003 (05082324)     29.63951 (05082324)     30.11490 (06051424)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        14:48:25
                                                                                                                         PAGE  29

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373045.22              373075.22              373105.22              373135.22              373165.22
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756920.2 |     26.71809 (05012924)     27.70247 (05082324)     29.12123 (05082324)     29.29802 (05082324)     28.28887 (05082324)
3756890.2 |     25.31064 (05012924)     24.82629 (05012924)     25.69159 (05082324)     27.22043 (05082324)     27.64206 (05082324)
3756860.2 |     23.35510 (05012924)     23.53653 (05012924)     23.14384 (05012924)     23.86403 (05082324)     25.46353 (05082324)
3756830.2 |     24.11638 (07092724)     21.76436 (05012924)     21.95796 (05012924)     21.63852 (05012924)     22.20023 (05082324)
3756800.2 |     23.73413 (07092724)     22.85776 (07092724)     20.34542 (05012924)     20.54657 (05012924)     20.28583 (05012924)
3756770.2 |     21.93220 (07092724)     22.74471 (07092724)     21.67272 (07092724)     19.12722 (07092724)     19.27793 (05012924)
3756740.2 |     20.40512 (06071724)     21.28450 (07092724)     21.79114 (07092724)     20.55614 (07092724)     18.00911 (07092724)
3756710.2 |     20.55768 (06071724)     19.12085 (06071724)     20.64044 (07092724)     20.87156 (07092724)     19.50088 (07092724)
3756680.2 |     22.03527 (07090824)     19.59590 (06071724)     18.44586 (07092724)     19.99950 (07092724)     19.98637 (07092724)
3756650.2 |     23.15835 (07090824)     20.92269 (07090824)     18.59890 (06071724)     18.09816 (07092724)     19.36157 (07092724)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        14:48:25
                                                                                                                         PAGE  30

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                          *** 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)
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372149.67   3757202.57      157.43072  (06123024)              372200.97   3757196.42      177.42680  (05120824)
       372734.43   3757083.57       48.13880  (05061324)              372746.74   3757147.17       57.89363  (05012924)
       372767.26   3757192.31       68.13623  (05012924)              372894.46   3757118.45       47.20707  (06051424)
       372371.27   3757725.77      159.66467  (06090524)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        14:48:25
                                                                                                                         PAGE  31

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                                        *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***


                                      ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

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

ALL      HIGH  1ST HIGH VALUE IS    1461.34019  ON 05120824: AT (  372415.22,  3757400.16,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Site 14 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        14:48:25
                                                                                                                         PAGE  32

 **MODELOPTs:  NonDFAULT CONC                              FLAT
                                                           NODRYDPLT NOWETDPLT

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

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

 A Total of           0 Fatal Error Message(s)
```

Site #14 – Localized PM_{10} Concentrations

```
A Total of            0 Warning Message(s)
A Total of          152 Informational Message(s)

A Total of        26280 Hours Were Processed

A Total of           15 Calm Hours Identified

A Total of          137 Missing Hours Identified (  0.52 Percent)


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


   ********   WARNING MESSAGES   ********
              ***  NONE  ***


   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

Site #14 – Localized $PM_{2.5}$ Concentrations

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 14\PM25.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Site 14 - PM2.5
   MODELOPT  CONC NODRYDPLT NOWETDPLT FLAT
   AVERTIME 24 ANNUAL
   URBANOPT 9862049 Los_Angeles_County
   POLLUTID PM2.5
   RUNORNOT RUN
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1 VOLUME 372476.980 3757462.370 0.0
** DESCRSRC Equipment
   LOCATION AREA1 AREA 372375.090 3757366.850 0.0
** DESCRSRC Dust
** Source Parameters **
   SRCPARAM VOL1 0.0372 4.100 46.783 1.163
   SRCPARAM AREA1 0.00001006 0.000 201.168 201.168 0.000
   URBANSRC AREA1-VOL1
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                  XYINC 371692.63 50 30.00 3756649.46 50 30.00
   GRIDCART UCART1 END
** DESCRREC "" ""
   DISCCART    372149.67   3757202.57
   DISCCART    372200.97   3757196.42
   DISCCART    372734.43   3757083.57
   DISCCART    372746.74   3757147.17
   DISCCART    372767.26   3757192.31
   DISCCART    372894.46   3757118.45
   DISCCART    372371.27   3757725.77
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
   PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   PROFBASE 10 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST PM25.AD\24H1GALL.PLT
   PLOTFILE ANNUAL ALL PM25.AD\AN00GALL.PLT
OU FINISHED

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

 *** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                    ***        10/26/10
                                   ***                                                                    ***        15:37:05
                                                                                                                     PAGE   1
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for     2 Source(s),
   for Total of    1 Urban Area(s):
```

Site #14 – Localized $PM_{2.5}$ Concentrations

```
  Urban Population =   9862049.0 ;  Urban Roughness Length =  1.000 m

**Model Allows User-Specified Options:
       1. Stack-tip Downwash.
       2. Model Assumes Receptors on FLAT Terrain.
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.
       6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates  1 Short Term Average(s) of:  24-HR
    and Calculates ANNUAL Averages

**This Run Includes:      2 Source(s);       1 Source Group(s); and    2507 Receptor(s)

**The Model Assumes A Pollutant Type of:  PM2.5

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

**Output Options Selected:
         Model Outputs Tables of ANNUAL 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)

**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) =    10.00 ;  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 =      3.8 MB of RAM.

*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        15:37:05
                                                                                                                    PAGE   2
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                                  *** VOLUME SOURCE DATA ***

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

  VOL1          0   0.37200E-01  372477.0 3757462.4    10.0     4.10    46.78     1.16     YES
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        15:37:05
                                                                                                                    PAGE   3
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                                  *** AREA SOURCE DATA ***

            NUMBER EMISSION RATE  COORD (SW CORNER)  BASE     RELEASE  X-DIM     Y-DIM    ORIENT.    INIT.   URBAN  EMISSION RATE
   SOURCE     PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF AREA   OF AREA   OF AREA     SZ     SOURCE  SCALAR VARY
     ID       CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS) (METERS)  (METERS)   (DEG.)  (METERS)             BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  AREA1         0   0.10060E-04  372375.1 3757366.8    10.0     0.00    201.17    201.17      0.00     0.00     YES
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        15:37:05
                                                                                                                    PAGE   4
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                            SOURCE IDs


 ALL       VOL1    , AREA1   ,
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        15:37:05
                                                                                                                    PAGE   5
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                          *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                     *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                            *** X-COORDINATES OF GRID ***
                                                     (METERS)

      371692.6,  371722.6,  371752.6,  371782.6,  371812.6,  371842.6,  371872.6,  371902.6,  371932.6,  371962.6,
      371992.6,  372022.6,  372052.6,  372082.6,  372112.6,  372142.6,  372172.6,  372202.6,  372232.6,  372262.6,
      372292.6,  372322.6,  372352.6,  372382.6,  372412.6,  372442.6,  372472.6,  372502.6,  372532.6,  372562.6,
      372592.6,  372622.6,  372652.6,  372682.6,  372712.6,  372742.6,  372772.6,  372802.6,  372832.6,  372862.6,
      372892.6,  372922.6,  372952.6,  372982.6,  373012.6,  373042.6,  373072.6,  373102.6,  373132.6,  373162.6,


                                            *** Y-COORDINATES OF GRID ***
                                                     (METERS)

     3756649.5, 3756679.5, 3756709.5, 3756739.5, 3756769.5, 3756799.5, 3756829.5, 3756859.5, 3756889.5, 3756919.5,
     3756949.5, 3756979.5, 3757009.5, 3757039.5, 3757069.5, 3757099.5, 3757129.5, 3757159.5, 3757189.5, 3757219.5,
     3757249.5, 3757279.5, 3757309.5, 3757339.5, 3757369.5, 3757399.5, 3757429.5, 3757459.5, 3757489.5, 3757519.5,
     3757549.5, 3757579.5, 3757609.5, 3757639.5, 3757669.5, 3757699.5, 3757729.5, 3757759.5, 3757789.5, 3757819.5,
     3757849.5, 3757879.5, 3757909.5, 3757939.5, 3757969.5, 3757999.5, 3758029.5, 3758059.5, 3758089.5, 3758119.5,

*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        15:37:05
                                                                                                                    PAGE   6
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT
```

Site #14 – Localized $PM_{2.5}$ Concentrations

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

    ( 372149.7, 3757202.6,      10.0,      10.0,       0.0);         ( 372201.0, 3757196.4,      10.0,      10.0,       0.0);
    ( 372734.4, 3757083.6,      10.0,      10.0,       0.0);         ( 372746.7, 3757147.2,      10.0,      10.0,       0.0);
    ( 372767.3, 3757192.3,      10.0,      10.0,       0.0);         ( 372894.5, 3757118.4,      10.0,      10.0,       0.0);
    ( 372371.3, 3757725.8,      10.0,      10.0,       0.0);
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                          ***        10/26/10
                                    ***                                                                       ***        15:37:05
                                                                                                                         PAGE   7
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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


                                SOURCE         - - RECEPTOR LOCATION - -         DISTANCE
                                  ID           XR (METERS)   YR (METERS)         (METERS)
                               - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

                               VOL1              372442.6     3757369.5            -1.53
                               VOL1              372472.6     3757369.5            -7.57
                               VOL1              372502.6     3757369.5            -4.20
                               VOL1              372412.6     3757399.5           -10.59
                               VOL1              372442.6     3757399.5           -28.91
                               VOL1              372472.6     3757399.5           -37.52
                               VOL1              372502.6     3757399.5           -32.65
                               VOL1              372532.6     3757399.5           -16.59
                               VOL1              372382.6     3757429.5            -0.66
                               VOL1              372412.6     3757429.5           -28.31
                               VOL1              372442.6     3757429.5           -53.01
                               VOL1              372472.6     3757429.5           -67.39
                               VOL1              372502.6     3757429.5           -58.86
                               VOL1              372532.6     3757429.5           -35.93
                               VOL1              372562.6     3757429.5            -8.83
                               VOL1              372382.6     3757459.5            -6.19
                               VOL1              372412.6     3757459.5           -36.17
                               VOL1              372442.6     3757459.5           -66.11
                               VOL1              372472.6     3757459.5           -95.35
                               VOL1              372502.6     3757459.5           -74.77
                               VOL1              372532.6     3757459.5           -44.86
                               VOL1              372562.6     3757459.5           -14.88
                               VOL1              372382.6     3757489.5            -2.42
                               VOL1              372412.6     3757489.5           -30.76
                               VOL1              372442.6     3757489.5           -56.84
                               VOL1              372472.6     3757489.5           -73.15
                               VOL1              372502.6     3757489.5           -63.28
                               VOL1              372532.6     3757489.5           -38.69
                               VOL1              372562.6     3757489.5           -10.75
                               VOL1              372412.6     3757519.5           -14.56
                               VOL1              372442.6     3757519.5           -33.96
                               VOL1              372472.6     3757519.5           -43.33
                               VOL1              372502.6     3757519.5           -38.00
                               VOL1              372532.6     3757519.5           -20.86
                               VOL1              372442.6     3757549.5            -6.96
                               VOL1              372472.6     3757549.5           -13.38
                               VOL1              372502.6     3757549.5            -9.79
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                          ***        10/26/10
                                    ***                                                                       ***        15:37:05
                                                                                                                         PAGE   8
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                  *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                              (1=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
              NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.


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

                                                1.54,   3.09,   5.14,   8.23,  10.80,
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                          ***        10/26/10
                                    ***                                                                       ***        15:37:05
                                                                                                                         PAGE   9
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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

  Surface file:   L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC    Met Version:  06341
  Profile file:   L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL
  Surface format: FREE
  Profile format: FREE
  Surface station no.:        0                 Upper air station no.:     3190
                Name: UNKNOWN                                 Name: UNKNOWN
                Year:   2005                                  Year:   2005

 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 05 01 01   1 01   -3.3  0.062 -9.000 -9.000 -999.   35.      6.5  0.26   1.00   1.00    1.10   52.    9.1  282.5    5.5
 05 01 01   1 02   -3.9  0.073 -9.000 -9.000 -999.   45.      8.9  0.26   1.00   1.00    1.30   51.    9.1  282.0    5.5
 05 01 01   1 03   -2.7  0.056 -9.000 -9.000 -999.   30.      5.9  0.26   1.00   1.00    1.00   48.    9.1  281.4    5.5
 05 01 01   1 04   -2.3  0.056 -9.000 -9.000 -999.   30.      6.8  0.26   1.00   1.00    1.00   52.    9.1  280.9    5.5
 05 01 01   1 05   -2.8  0.062 -9.000 -9.000 -999.   35.      7.5  0.26   1.00   1.00    1.10   62.    9.1  281.4    5.5
 05 01 01   1 06   -5.3  0.078 -9.000 -9.000 -999.   51.      8.2  0.26   1.00   1.00    1.40   64.    9.1  280.9    5.5
 05 01 01   1 07   -3.9  0.067 -9.000 -9.000 -999.   40.      7.0  0.26   1.00   1.00    1.20   55.    9.1  280.4    5.5
 05 01 01   1 08   -4.9  0.078 -9.000 -9.000 -999.   51.      8.8  0.26   1.00   0.53    1.40   76.    9.1  280.9    5.5
 05 01 01   1 09   45.2  0.282  0.524  0.005  115.  344.    -44.6  0.26   1.00   0.30    2.20   78.    9.1  283.1    5.5
```

```
05 01 01   1 10  114.4  0.293  1.397  0.005  862.  365.    -19.9  0.26   1.00   0.22    2.10   83.    9.1  284.9    5.5
05 01 01   1 11  139.9  0.299  1.673  0.010 1212.  376.    -17.3  0.26   1.00   0.19    2.10   80.    9.1  287.0    5.5
05 01 01   1 12   15.0  0.122  0.797  0.010 1215.  125.    -10.8  0.26   1.00   0.18    0.80   30.    9.1  287.0    5.5
05 01 01   1 13   28.1  0.223  0.983  0.010 1221.  241.    -35.4  0.26   1.00   0.18    1.70  184.    9.1  287.0    5.5
05 01 01   1 14   17.9  0.256  0.847  0.009 1225.  298.    -84.4  0.26   1.00   0.19    2.10  201.    9.1  287.0    5.5
05 01 01   1 15    4.2  0.231  0.521  0.009 1226.  256.   -268.6  0.26   1.00   0.22    2.00  205.    9.1  286.4    5.5
05 01 01   1 16    0.1  0.180  0.151  0.009 1226.  176.  -5231.4  0.26   1.00   0.31    1.60  211.    9.1  286.4    5.5
05 01 01   1 17   -1.7  0.045 -9.000 -9.000 -999.   46.      4.9  0.26   1.00   0.57    0.80  216.    9.1  285.9    5.5
05 01 01   1 18   -0.6  0.028 -9.000 -9.000 -999.   11.      3.4  0.26   1.00   1.00    0.50   38.    9.1  285.4    5.5
05 01 01   1 19   -0.4  0.022 -9.000 -9.000 -999.    8.      2.8  0.26   1.00   1.00    0.40  261.    9.1  284.9    5.5
05 01 01   1 20   -0.4  0.022 -9.000 -9.000 -999.    8.      2.8  0.26   1.00   1.00    0.40  337.    9.1  284.9    5.5
05 01 01   1 21   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80   12.    9.1  284.9    5.5
05 01 01   1 22   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80  360.    9.1  284.9    5.5
05 01 01   1 23   -1.9  0.050 -9.000 -9.000 -999.   26.      6.2  0.26   1.00   1.00    0.90   46.    9.1  284.2    5.5
05 01 01   1 24   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80   12.    9.1  284.2    5.5


First hour of profile data
YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
05 01 01 01    5.5 0 -999.  -99.00   282.6   99.0  -99.00  -99.00
05 01 01 01    9.1 1   52.    1.10  -999.0   99.0  -99.00  -99.00

F indicates top of profile (=1) or below (=0)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        15:37:05
                                                                                                                    PAGE  10
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

   Y-COORD  |                                                  X-COORD (METERS)
   (METERS) |     371692.63    371722.63    371752.63    371782.63    371812.63    371842.63    371872.63    371902.63    371932.63
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3758119.46 |       0.31249      0.32575      0.34061      0.35735      0.37623      0.39744      0.42092      0.44642      0.47355
 3758089.46 |       0.32260      0.33574      0.35053      0.36720      0.38606      0.40742      0.43146      0.45809      0.48702
 3758059.46 |       0.33441      0.34739      0.36201      0.37857      0.39735      0.41872      0.44300      0.47040      0.50081
 3758029.46 |       0.34811      0.36104      0.37551      0.39189      0.41052      0.43179      0.45610      0.48387      0.51530
 3757999.46 |       0.36354      0.37677      0.39132      0.40760      0.42607      0.44718      0.47140      0.49924      0.53120
 3757969.46 |       0.38041      0.39433      0.40941      0.42596      0.44445      0.46545      0.48955      0.51734      0.54945
 3757939.46 |       0.39861      0.41348      0.42949      0.44682      0.46584      0.48706      0.51117      0.53893      0.57109
 3757909.46 |       0.41840      0.43433      0.45145      0.46995      0.49004      0.51209      0.53670      0.56469      0.59700
 3757879.46 |       0.44028      0.45737      0.47569      0.49547      0.51696      0.54042      0.56623      0.59507      0.62794
 3757849.46 |       0.46484      0.48327      0.50296      0.52415      0.54714      0.57224      0.59981      0.63030      0.66450
 3757819.46 |       0.49300      0.51283      0.53412      0.55699      0.58170      0.60859      0.63812      0.67077      0.70713
 3757789.46 |       0.52582      0.54716      0.57020      0.59507      0.62192      0.65103      0.68284      0.71793      0.75696
 3757759.46 |       0.56368      0.58698      0.61219      0.63948      0.66902      0.70105      0.73590      0.77409      0.81639
 3757729.46 |       0.60578      0.63189      0.66006      0.69055      0.72365      0.75961      0.79871      0.84138      0.88828
 3757699.46 |       0.65121      0.68092      0.71294      0.74759      0.78526      0.82635      0.87124      0.92033      0.97415
 3757669.46 |       0.70024      0.73416      0.77077      0.81044      0.85361      0.90084      0.95273      1.00993      1.07312
 3757639.46 |       0.75416      0.79294      0.83495      0.88061      0.93041      0.98497      1.04506      1.11162      1.18576
 3757609.46 |       0.81469      0.85921      0.90768      0.96060      1.01857      1.08233      1.15277      1.23102      1.31850
 3757579.46 |       0.88292      0.93414      0.99027      1.05196      1.11998      1.19527      1.27899      1.37255      1.47772
 3757549.46 |       0.95697      1.01540      1.07990      1.15133      1.23075      1.31940      1.41880      1.53086      1.65796
 3757519.46 |       1.03331      1.09907      1.17206      1.25344      1.34459      1.44720      1.56333      1.69557      1.84715
 3757489.46 |       1.11085      1.18459      1.26683      1.35901      1.46293      1.58079      1.71537      1.87019      2.04977
 3757459.46 |       1.19168      1.27488      1.36820      1.47346      1.59292      1.72939      1.88645      2.06873      2.28217
 3757429.46 |       1.27868      1.37318      1.47981      1.60080      1.73896      1.89778      2.08172      2.29654      2.54974
 3757399.46 |       1.37311      1.48034      1.60184      1.74030      1.89906      2.08236      2.29563      2.54590      2.84246
 3757369.46 |       1.47497      1.59554      1.73253      1.88907      2.06915      2.27781      2.52147      2.80850      3.14958
 3757339.46 |       1.58602      1.72046      1.87358      2.04905      2.25145      2.48653      2.76149      3.08534      3.46950
 3757309.46 |       1.70841      1.85765      2.02797      2.22342      2.44897      2.71066      3.01587      3.37366      3.79488
 3757279.46 |       1.84081      2.00524      2.19277      2.40750      2.65442      2.93937      3.26922      3.65205      4.09698
 3757249.46 |       1.97772      2.15600      2.35849      2.58908      2.85228      3.15319      3.49748      3.89134      4.34137
 3757219.46 |       2.11139      2.30053      2.51389      2.75482      3.02699      3.33428      3.68067      4.07010      4.50629
 3757189.46 |       2.23470      2.43077      2.64997      2.89478      3.16772      3.47114      3.80706      4.17711      4.58197
 3757159.46 |       2.34271      2.54130      2.76068      3.00228      3.26724      3.55632      3.86967      4.20664      4.56527
 3757129.46 |       2.43170      2.62763      2.84080      3.07154      3.31971      3.58472      3.86519      4.15864      4.46107
 3757099.46 |       2.49739      2.68488      2.88527      3.09798      3.32198      3.55562      3.79633      4.04048      4.28271
 3757069.46 |       2.53543      2.70913      2.89126      3.08064      3.27560      3.47374      3.67181      3.86552      4.04930
 3757039.46 |       2.54340      2.69934      2.85964      3.02269      3.18641      3.34804      3.50413      3.65030      3.78125
 3757009.46 |       2.52178      2.65767      2.79445      2.93030      3.06298      3.18975      3.30714      3.41102      3.49659
 3756979.46 |       2.47336      2.58846      2.70173      2.81133      2.91506      3.01026      3.09363      3.16130      3.20913
 3756949.46 |       2.40249      2.49738      2.58851      2.67409      2.75201      2.81961      2.87378      2.91117      2.92863
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        15:37:05
                                                                                                                    PAGE  11
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

   Y-COORD  |                                                  X-COORD (METERS)
   (METERS) |     371692.63    371722.63    371752.63    371782.63    371812.63    371842.63    371872.63    371902.63    371932.63
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3756919.46 |       2.31435      2.39062      2.46180      2.52616      2.58152      2.62535      2.65489      2.66760      2.66152
 3756889.46 |       2.21434      2.27400      2.32762      2.37339      2.40921      2.43278      2.44200      2.43527      2.41182
 3756859.46 |       2.10721      2.15224      2.19041      2.21994      2.23892      2.24556      2.23854      2.21724      2.18190
 3756829.46 |       1.99659      2.02868      2.05324      2.06863      2.07334      2.06627      2.04688      2.01547      1.97298
 3756799.46 |       1.88502      1.90559      1.91816      1.92144      1.91445      1.89679      1.86870      1.83108      1.78524
 3756769.46 |       1.77417      1.78449      1.78668      1.77990      1.76377      1.73852      1.70502      1.66443      1.61796
 3756739.46 |       1.66516      1.66653      1.65999      1.64524      1.62247      1.59244      1.55627      1.51510      1.46978
 3756709.46 |       1.55889      1.55264      1.53912      1.51850      1.49145      1.45901      1.42227      1.38209      1.33884
 3756679.46 |       1.45609      1.44368      1.42494      1.40048      1.37122      1.33822      1.30234      1.26400      1.22319
 3756649.46 |       1.35749      1.34041      1.31818      1.29167      1.26187      1.22961      1.19538      1.15921      1.12082
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        15:37:05
                                                                                                                    PAGE  12
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
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Site #14 – Localized $PM_{2.5}$ Concentrations

INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 371962.63	371992.63	372022.63	372052.63	372082.63	372112.63	372142.63	372172.63	372202.63
3758119.46	0.50183	0.53083	0.56027	0.59018	0.62061	0.65122	0.68111	0.70935	0.73577
3758089.46	0.51778	0.54990	0.58294	0.61665	0.65101	0.68581	0.72027	0.75322	0.78409
3758059.46	0.53383	0.56897	0.60575	0.64370	0.68261	0.72229	0.76205	0.80064	0.83701
3758029.46	0.55025	0.58824	0.62873	0.67121	0.71522	0.76049	0.80642	0.85172	0.89488
3757999.46	0.56751	0.60798	0.65206	0.69916	0.74871	0.80026	0.85327	0.90647	0.95798
3757969.46	0.58649	0.62878	0.67606	0.72771	0.78308	0.84152	0.90247	0.96483	1.02645
3757939.46	0.60844	0.65176	0.70143	0.75721	0.81844	0.88432	0.95406	1.02675	1.10036
3757909.46	0.63460	0.67851	0.72968	0.78864	0.85522	0.92872	1.00816	1.09241	1.17979
3757879.46	0.66599	0.71050	0.76274	0.82390	0.89477	0.97534	1.06490	1.16209	1.26512
3757849.46	0.70355	0.74896	0.80235	0.86539	0.93957	1.02605	1.12516	1.23613	1.35694
3757819.46	0.74814	0.79519	0.85013	0.91516	0.99247	1.08404	1.19156	1.31591	1.45609
3757789.46	0.80078	0.85058	0.90811	0.97568	1.05623	1.15283	1.26822	1.40507	1.56487
3757759.46	0.86368	0.91717	0.97853	1.05005	1.13476	1.23660	1.35996	1.50909	1.68828
3757729.46	0.94035	0.99882	1.06534	1.14232	1.23303	1.34171	1.47374	1.63558	1.83438
3757699.46	1.03350	1.09959	1.17407	1.25920	1.35838	1.47653	1.62004	1.79681	2.01676
3757669.46	1.14305	1.22080	1.30795	1.40676	1.52033	1.65351	1.81365	2.01092	2.25817
3757639.46	1.26870	1.36178	1.46675	1.58608	1.72320	1.88287	2.07236	2.30297	2.59133
3757609.46	1.41699	1.52862	1.65593	1.80207	1.97140	2.17020	2.40730	2.69592	3.05654
3757579.46	1.59677	1.73265	1.88917	2.07115	2.28476	2.53861	2.84530	3.22376	3.70360
3757549.46	1.80311	1.97026	2.16465	2.39338	2.66614	2.99630	3.40309	3.91634	4.58483
3757519.46	2.02226	2.22636	2.46680	2.75366	3.10123	3.53043	4.07275	4.77753	5.72822
3757489.46	2.26000	2.50869	2.80641	3.16785	3.61399	4.17596	4.90180	5.86935	7.21054
3757459.46	2.53469	2.83690	3.20335	3.65451	4.21984	4.94315	5.89106	7.16779	8.94029
3757429.46	2.85135	3.21497	3.65941	4.21104	4.90738	5.80253	6.97537	8.54156	10.67192
3757399.46	3.19761	3.62790	4.15563	4.81117	5.63616	6.68762	8.04381	9.81283	12.14570
3757369.46	3.55867	4.05393	4.65907	5.40503	6.33186	7.49154	8.95207	10.80244	13.15880
3757339.46	3.92823	4.47947	5.14546	5.95362	6.93784	8.14003	9.61135	11.41244	13.61579
3757309.46	4.29268	4.88255	5.58263	6.41429	7.40217	8.57363	9.95671	11.57727	13.45533
3757279.46	4.61437	5.21573	5.91373	6.72183	7.65282	8.71629	9.91446	11.23654	12.64931
3757249.46	4.85447	5.43758	6.09707	6.83714	7.65735	8.54938	9.49274	10.44959	11.35714
3757219.46	4.99243	5.53046	6.11966	6.75493	7.42457	8.10745	8.77111	9.36958	9.84100
3757189.46	5.02102	5.49120	5.98577	6.49296	6.99439	7.46466	7.87134	8.17459	8.32944
3757159.46	4.94163	5.32889	5.71664	6.09000	6.42984	6.71327	6.91396	7.00392	6.95990
3757129.46	4.76627	5.06559	5.34741	5.59749	5.79939	5.93517	5.98701	5.94044	5.78851
3757099.46	4.51607	4.73167	4.91874	5.06535	5.15893	5.18779	5.14271	5.01930	4.81879
3757069.46	4.21630	4.35843	4.46674	4.53225	4.54703	4.50503	4.40348	4.24357	4.02925
3757039.46	3.89078	3.97208	4.01856	4.02456	3.98616	3.90156	3.77177	3.60022	3.39153
3757009.46	3.55852	3.59183	3.59239	3.55752	3.48619	3.37932	3.23965	3.07097	2.87776
3756979.46	3.23319	3.23038	3.19881	3.13799	3.04883	2.93351	2.79508	2.63704	2.46308
3756949.46	2.92377	2.89520	2.84277	2.76750	2.67113	2.55606	2.42507	2.28103	2.12650

*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5 *** *** 10/26/10 *** 15:37:05 PAGE 13

**MODELOPTs: NonDFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 371962.63	371992.63	372022.63	372052.63	372082.63	372112.63	372142.63	372172.63	372202.63
3756919.46	2.63565	2.59006	2.52574	2.44434	2.34767	2.23783	2.11722	1.98778	1.85109
3756889.46	2.37182	2.31631	2.24679	2.16480	2.07185	1.96978	1.86035	1.74459	1.62359
3756859.46	2.13354	2.07357	2.00337	1.92407	1.83698	1.74357	1.64489	1.54123	1.43398
3756829.46	1.92076	1.86012	1.79197	1.71714	1.63676	1.55187	1.46284	1.36974	1.27469
3756799.46	1.73237	1.67335	1.60869	1.53911	1.46550	1.38844	1.30780	1.22403	1.13998
3756769.46	1.56645	1.51026	1.44975	1.38553	1.31829	1.24811	1.17482	1.09952	1.02539
3756739.46	1.42064	1.36782	1.31158	1.25249	1.19096	1.12680	1.06010	0.99261	0.92738
3756709.46	1.29253	1.24314	1.19101	1.13664	1.08014	1.02131	0.96071	0.90041	0.84303
3756679.46	1.17971	1.13363	1.08532	1.03517	0.98314	0.92917	0.87428	0.82053	0.76997
3756649.46	1.08003	1.03701	0.99221	0.94586	0.89786	0.84844	0.79886	0.75097	0.70627

*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5 *** *** 10/26/10 *** 15:37:05 PAGE 14

**MODELOPTs: NonDFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372232.63	372262.63	372292.63	372322.63	372352.63	372382.63	372412.63	372442.63	372472.63
3758119.46	0.76162	0.78995	0.82423	0.86515	0.91166	0.96489	1.02405	1.08421	1.13981
3758089.46	0.81388	0.84570	0.88365	0.92894	0.98027	1.03881	1.10418	1.17133	1.23420
3758059.46	0.87166	0.90774	0.95008	1.00069	1.05793	1.12281	1.19535	1.27054	1.34187
3758029.46	0.93570	0.97707	1.02465	1.08169	1.14625	1.21885	1.29984	1.38435	1.46562
3757999.46	1.00670	1.05487	1.10879	1.17354	1.24720	1.32942	1.42058	1.51603	1.60904
3757969.46	1.08528	1.14237	1.20426	1.27826	1.36323	1.45759	1.56131	1.66982	1.77688
3757939.46	1.17193	1.24085	1.31314	1.39844	1.49743	1.60728	1.72691	1.85138	1.97548
3757909.46	1.26703	1.35154	1.43776	1.53734	1.65387	1.78357	1.92378	2.06837	2.21349
3757879.46	1.37097	1.47558	1.58063	1.69890	1.83786	1.99325	2.16052	2.33126	2.50300
3757849.46	1.48451	1.61425	1.74456	1.88775	2.05625	2.24560	2.44894	2.65479	2.86120
3757819.46	1.60885	1.76927	1.93293	2.10963	2.31770	2.55342	2.80589	3.06014	3.31332
3757789.46	1.74588	1.94306	2.15014	2.37211	2.63362	2.93429	3.25624	3.57908	3.89735
3757759.46	1.89968	2.13987	2.40207	2.68600	3.02026	3.41342	3.83748	4.26163	4.67325
3757729.46	2.07742	2.36735	2.69838	3.06712	3.50262	4.03017	4.60894	5.19037	5.74239
3757699.46	2.29271	2.63750	3.05498	3.54100	4.12211	4.85190	5.67469	6.51112	7.29352
3757669.46	2.57215	2.97699	3.49805	4.14826	4.95348	6.00804	7.24351	8.51936	9.72292
3757639.46	2.96036	3.44305	4.08930	4.96480	6.14153	7.78464	9.82056	11.96179	14.00837
3757609.46	3.51999	4.13266	4.97173	6.17401	8.02097	11.01651	15.11667	19.36246	22.97317
3757579.46	4.33336	5.19346	6.42628	8.32159	11.69067	21.20935	35.62398	44.18289	49.41724
3757549.46	5.49379	6.80555	8.86860	12.65773	23.12056	138.09332	169.96138	178.81791	184.30452

3757519.46	7.07907	9.14580	12.65814	19.55025	36.18918	155.54921	186.37222	197.03081	201.79969
3757489.46	9.16121	12.16869	17.12363	25.90493	44.01538	161.66188	193.97486	203.86094	207.34234
3757459.46	11.48148	15.24609	21.02296	30.42716	48.74822	165.62525	197.11485	205.87548	207.95578
3757429.46	13.62237	17.78488	23.82310	33.19255	51.10147	166.81043	196.90046	204.06914	204.54669
3757399.46	15.25557	19.46460	25.35164	34.25048	51.08839	167.52352	191.43469	195.47785	193.88505
3757369.46	16.17984	20.11304	25.41703	33.16208	47.30344	139.12781	147.47585	144.42854	141.21839
3757339.46	16.31446	19.63853	23.76652	28.84454	34.01926	35.88080	35.23182	32.89674	29.20708
3757309.46	15.59566	17.95324	20.34100	22.24373	22.88802	22.20336	20.65033	18.35495	15.39092
3757279.46	14.07756	15.37169	16.28000	16.51250	15.95659	14.79813	13.20677	11.36109	9.38241
3757249.46	12.11792	12.59959	12.66697	12.24654	11.39316	10.25374	8.93320	7.59693	6.37012
3757219.46	10.11025	10.10755	9.79078	9.16818	8.32669	7.36841	6.36851	5.44221	4.66896
3757189.46	8.29679	8.05404	7.59965	6.97017	6.24551	5.49348	4.76283	4.12090	3.60847
3757159.46	6.76977	6.43219	5.96172	5.40119	4.81352	4.24069	3.70798	3.25380	2.89878
3757129.46	5.53155	5.17626	4.74325	4.27282	3.80909	3.37502	2.98109	2.65192	2.39765
3757099.46	4.54568	4.21037	3.83415	3.45048	3.08723	2.75553	2.45912	2.21513	2.02821
3757069.46	3.76675	3.46721	3.15002	2.84033	2.55457	2.29783	2.07134	1.88663	1.74598
3757039.46	3.15220	2.89227	2.62844	2.37829	2.15144	1.95039	1.77490	1.63239	1.52401
3757009.46	2.66561	2.44321	2.22452	2.02123	1.83952	1.68050	1.54269	1.43094	1.34527
3756979.46	2.27752	2.08824	1.90656	1.74022	1.59356	1.46652	1.35706	1.26808	1.19862
3756949.46	1.96497	1.80397	1.65243	1.51552	1.39628	1.29383	1.20606	1.13410	1.07642

*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5 *** *** 10/26/10
*** 15:37:05
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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372232.63	372262.63	372292.63	372322.63	372352.63	372382.63	372412.63	372442.63	372472.63
3756919.46	1.71058	1.57346	1.44660	1.33328	1.23560	1.15233	1.08136	1.02220	0.97331
3756889.46	1.50134	1.38448	1.27789	1.18352	1.10291	1.03486	0.97697	0.92751	0.88537
3756859.46	1.32767	1.22801	1.13804	1.05894	0.99206	0.93622	0.88849	0.84648	0.80967
3756829.46	1.18240	1.09726	1.02087	0.95417	0.89851	0.85248	0.81265	0.77647	0.74397
3756799.46	1.05995	0.98697	0.92171	0.86522	0.81883	0.78068	0.74702	0.71547	0.68656
3756769.46	0.95598	0.89312	0.83703	0.78910	0.75041	0.71853	0.68972	0.66193	0.63605
3756739.46	0.86705	0.81256	0.76416	0.72350	0.69116	0.66428	0.63932	0.61463	0.59134
3756709.46	0.79037	0.74287	0.70104	0.66659	0.63945	0.61655	0.59469	0.57260	0.55157
3756679.46	0.72377	0.68220	0.64606	0.61689	0.59399	0.57428	0.55492	0.53507	0.51601
3756649.46	0.66555	0.62909	0.59793	0.57321	0.55375	0.53659	0.51931	0.50140	0.48407

*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5 *** *** 10/26/10
*** 15:37:05
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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372502.63	372532.63	372562.63	372592.63	372622.63	372652.63	372682.63	372712.63	372742.63
3758119.46	1.18682	1.22670	1.26247	1.29300	1.31714	1.33425	1.34362	1.34590	1.34131
3758089.46	1.28773	1.33323	1.37394	1.40794	1.43340	1.44987	1.45750	1.45762	1.45049
3758059.46	1.40331	1.45569	1.50209	1.53965	1.56598	1.58132	1.58701	1.58486	1.57491
3758029.46	1.53672	1.59750	1.65040	1.69146	1.71815	1.73198	1.73567	1.73101	1.71789
3757999.46	1.69203	1.76306	1.82326	1.86763	1.89419	1.90637	1.90800	1.90045	1.88400
3757969.46	1.87454	1.95806	2.02633	2.07377	2.09992	2.11048	2.10992	2.09913	2.07973
3757939.46	2.09129	2.18997	2.26710	2.31753	2.34332	2.35240	2.34945	2.33550	2.31434
3757909.46	2.35179	2.46877	2.55578	2.60959	2.63541	2.64324	2.63811	2.62182	2.60098
3757879.46	2.66916	2.80823	2.90687	2.96516	2.99177	2.99917	2.99281	2.97585	2.95826
3757849.46	3.06189	3.22801	3.34157	3.40645	3.43556	3.44451	3.43853	3.42345	3.41213
3757819.46	3.55712	3.75766	3.89196	3.96735	4.00274	4.01620	4.01251	4.00179	3.99660
3757789.46	4.19670	4.44351	4.60883	4.70258	4.75034	4.77089	4.76966	4.76079	4.75199
3757759.46	5.04916	5.36235	5.57797	5.70345	5.76954	5.79427	5.78613	5.76085	5.71874
3757729.46	6.23493	6.65165	6.95189	7.12474	7.20413	7.20886	7.15709	7.06292	6.91970
3757699.46	7.98528	8.57654	9.00910	9.22631	9.26972	9.17557	8.98126	8.69846	8.32606
3757669.46	10.79206	11.67111	12.25930	12.43275	12.27188	11.87536	11.30947	10.60693	9.81361
3757639.46	15.77025	17.03501	17.65610	17.45313	16.62473	15.42460	14.01352	12.55062	11.14735
3757609.46	25.63684	27.21761	27.37492	25.71582	22.77053	19.51910	16.58691	14.11978	12.06588
3757579.46	52.54936	53.90995	52.13997	41.11888	29.68148	22.88806	18.31817	14.98083	12.41823
3757549.46	186.67326	187.59605	173.86869	53.20366	33.38282	24.43256	18.89008	15.02761	12.16706
3757519.46	202.38516	197.05601	178.65212	55.05631	33.86944	24.22331	18.29888	14.24238	11.31271
3757489.46	206.02425	198.44017	175.48093	54.11236	32.46606	22.64119	16.69432	12.72831	9.96296
3757459.46	205.17198	196.40737	172.77203	50.66278	29.34704	19.78214	14.22124	10.68575	8.32867
3757429.46	200.45629	190.88313	167.00834	44.71449	24.28967	15.75027	11.17615	8.45184	6.68689
3757399.46	188.63562	178.66559	157.10470	34.65355	17.17317	11.17850	8.20443	6.43860	5.26146
3757369.46	135.54104	127.95435	107.52638	16.52078	10.11912	7.47111	5.90586	4.86900	4.12616
3757339.46	24.13635	17.66027	11.44062	8.29552	6.44444	5.23303	4.37220	3.74282	3.26577
3757309.46	12.09053	9.08561	7.05305	5.75232	4.74629	3.98767	3.42113	2.98832	2.65361
3757279.46	7.54201	6.11281	5.11995	4.37554	3.75831	3.21789	2.79696	2.47083	2.21558
3757249.46	5.34350	4.56893	3.98090	3.50027	3.08901	2.70059	2.36368	2.09798	1.89163
3757219.46	4.06633	3.60793	3.22549	2.89357	2.60175	2.32029	2.05190	1.82332	1.64444
3757189.46	3.23104	2.94354	2.68591	2.44948	2.23451	2.02402	1.81379	1.61797	1.45523
3757159.46	2.64495	2.45317	2.27715	2.10884	1.94902	1.78737	1.62318	1.45893	1.31089
3757129.46	2.21514	2.07788	1.95447	1.83597	1.71916	1.59459	1.46557	1.33083	1.19924
3757099.46	1.88979	1.78439	1.69405	1.61042	1.52733	1.43343	1.33197	1.22332	1.10988
3757069.46	1.63713	1.55139	1.48136	1.42105	1.36303	1.29458	1.21604	1.12985	1.03492
3757039.46	1.43641	1.36403	1.30636	1.26094	1.22061	1.17224	1.11301	1.04596	0.96903
3757009.46	1.27363	1.21147	1.16155	1.12515	1.09666	1.06336	1.01990	0.96883	0.90851
3756979.46	1.13921	1.08559	1.04100	1.00983	0.98872	0.96622	0.93519	0.89705	0.85113
3756949.46	1.02653	0.98028	0.93995	0.91176	0.89483	0.87964	0.85810	0.83014	0.79599

*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5 *** *** 10/26/10
*** 15:37:05
PAGE 17

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Site #14 – Localized $PM_{2.5}$ Concentrations

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372502.63	372532.63	372562.63	372592.63	372622.63	372652.63	372682.63	372712.63	372742.63
3756919.46	0.93086	0.89098	0.85454	0.82817	0.81329	0.80264	0.78810	0.76802	0.74306
3756889.46	0.84881	0.81432	0.78161	0.75668	0.74256	0.73437	0.72468	0.71064	0.69270
3756859.46	0.77780	0.74784	0.71868	0.69522	0.68121	0.67405	0.66745	0.65789	0.64527
3756829.46	0.71590	0.68966	0.66380	0.64198	0.62794	0.62088	0.61599	0.60955	0.60094
3756799.46	0.66156	0.63839	0.61551	0.59548	0.58155	0.57412	0.56992	0.56548	0.55974
3756769.46	0.61358	0.59293	0.57267	0.55448	0.54093	0.53299	0.52880	0.52545	0.52167
3756739.46	0.57099	0.55240	0.53441	0.51804	0.50512	0.49679	0.49221	0.48926	0.48666
3756709.46	0.53300	0.51611	0.50005	0.48539	0.47331	0.46481	0.45970	0.45666	0.45463
3756679.46	0.49895	0.48347	0.46906	0.45596	0.44483	0.43640	0.43082	0.42739	0.42544
3756649.46	0.46831	0.45401	0.44098	0.42928	0.41913	0.41101	0.40511	0.40118	0.39897

**MODELOPTs: NonDFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372772.63	372802.63	372832.63	372862.63	372892.63	372922.63	372952.63	372982.63	373012.63
3758119.46	1.33014	1.31427	1.29690	1.28141	1.26991	1.26269	1.25894	1.25794	1.25940
3758089.46	1.43664	1.41871	1.40073	1.38623	1.37667	1.37165	1.37017	1.37164	1.37584
3758059.46	1.55825	1.53869	1.52107	1.50854	1.50163	1.49934	1.50075	1.50531	1.51241
3758029.46	1.69858	1.67838	1.66240	1.65286	1.64928	1.65044	1.65537	1.66314	1.67253
3757999.46	1.86280	1.84344	1.83055	1.82500	1.82557	1.83083	1.83931	1.84937	1.85926
3757969.46	2.05812	2.04148	2.03312	2.03258	2.03797	2.04716	2.05782	2.06771	2.07477
3757939.46	2.29447	2.28260	2.28017	2.28531	2.29505	2.30610	2.31546	2.32059	2.31914
3757909.46	2.58550	2.58032	2.58451	2.59435	2.60532	2.61323	2.61488	2.60752	2.58879
3757879.46	2.94975	2.95194	2.96094	2.97079	2.97565	2.97129	2.95453	2.92288	2.87514
3757849.46	3.41110	3.41756	3.42424	3.42319	3.40864	3.37693	3.32568	3.25421	3.16380
3757819.46	3.99764	3.99727	3.98512	3.95335	3.89773	3.81647	3.71008	3.58135	3.43460
3757789.46	4.73737	4.70464	4.64347	4.54918	4.42145	4.26316	4.07964	3.87760	3.66382
3757759.46	5.64772	5.53545	5.37749	5.17678	4.94057	4.67814	4.39950	4.11391	3.82902
3757729.46	6.71618	6.45091	6.13354	5.77880	5.40186	5.01676	4.63514	4.26567	3.91449
3757699.46	7.87394	7.36550	6.82759	6.28298	5.74934	5.23928	4.76065	4.31791	3.91305
3757669.46	8.98178	8.15524	7.36279	6.62120	5.93914	5.31972	4.76275	4.26603	3.82584
3757639.46	9.85648	8.69456	7.66086	6.74842	5.94793	5.24938	4.64265	4.11755	3.66416
3757609.46	10.34827	8.90290	7.68209	6.64965	5.77681	5.03965	4.41741	3.89198	3.44774
3757579.46	10.38961	8.75535	7.42634	6.34033	5.45025	4.71864	4.11517	3.61521	3.19880
3757549.46	9.97743	8.27105	6.92749	5.86176	5.01048	4.32538	3.76946	3.31426	2.93794
3757519.46	9.13719	7.49452	6.23806	5.26500	4.50172	3.89493	3.40596	3.00665	2.67643
3757489.46	7.98168	6.53052	5.44512	4.61625	3.97030	3.45730	3.04282	2.70283	2.42018
3757459.46	6.69557	5.52206	4.64992	3.98245	3.45884	3.03941	2.69739	2.41421	2.17663
3757429.46	5.46849	4.58550	3.92043	3.40365	2.99175	2.65664	2.37942	2.14689	1.94953
3757399.46	4.41604	3.78049	3.28736	2.89499	2.57618	2.31237	2.09068	1.90200	1.73974
3757369.46	3.56117	3.11453	2.75392	2.45841	2.21292	2.00638	1.83049	1.67896	1.54707
3757339.46	2.88739	2.57580	2.31366	2.09143	1.90219	1.74000	1.60000	1.47821	1.37138
3757309.46	2.38511	2.16065	1.96702	1.79762	1.64928	1.51960	1.40603	1.30621	1.21808
3757279.46	2.01158	1.84215	1.69563	1.56513	1.44770	1.34236	1.24840	1.16477	1.09028
3757249.46	1.72812	1.59371	1.47865	1.37650	1.28341	1.19787	1.11964	1.04871	0.98471
3757219.46	1.50650	1.39609	1.30313	1.22121	1.14656	1.07715	1.01232	0.95217	0.89688
3757189.46	1.33036	1.23471	1.15744	1.09102	1.03092	0.97463	0.92114	0.87041	0.82275
3757159.46	1.19181	1.10233	1.03421	0.97878	0.93028	0.88531	0.84203	0.79992	0.75927
3757129.46	1.08515	0.99631	0.93072	0.88117	0.84070	0.80475	0.77067	0.73702	0.70346
3757099.46	1.00328	0.91441	0.84699	0.79792	0.76119	0.73124	0.70433	0.67828	0.65192
3757069.46	0.93866	0.85204	0.78219	0.73020	0.69282	0.66515	0.64271	0.62241	0.60238
3757039.46	0.88514	0.80360	0.73312	0.67771	0.63704	0.60810	0.58693	0.56994	0.55453
3757009.46	0.83822	0.76433	0.69560	0.63807	0.59366	0.56143	0.53873	0.52232	0.50933
3756979.46	0.79463	0.73042	0.66591	0.60816	0.56095	0.52500	0.49918	0.48114	0.46830
3756949.46	0.75236	0.69892	0.64088	0.58506	0.53655	0.49753	0.46815	0.44724	0.43278

**MODELOPTs: NonDFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372772.63	372802.63	372832.63	372862.63	372892.63	372922.63	372952.63	372982.63	373012.63
3756919.46	0.71053	0.66797	0.61792	0.56611	0.51809	0.47721	0.44472	0.42050	0.40341
3756889.46	0.66912	0.63664	0.59527	0.54911	0.50338	0.46214	0.42753	0.40027	0.38013
3756859.46	0.62858	0.60474	0.57200	0.53244	0.49052	0.45044	0.41498	0.38551	0.36248
3756829.46	0.58945	0.57258	0.54775	0.51520	0.47812	0.44049	0.40547	0.37489	0.34966
3756799.46	0.55215	0.54068	0.52264	0.49693	0.46530	0.43112	0.39763	0.36703	0.34054
3756769.46	0.51690	0.50954	0.49705	0.47758	0.45157	0.42151	0.39041	0.36071	0.33392
3756739.46	0.48385	0.47953	0.47143	0.45737	0.43678	0.41117	0.38311	0.35507	0.32876
3756709.46	0.45307	0.45091	0.44617	0.43663	0.42100	0.39989	0.37528	0.34946	0.32427
3756679.46	0.42455	0.42384	0.42160	0.41570	0.40445	0.38766	0.36665	0.34345	0.31990
3756649.46	0.39828	0.39843	0.39796	0.39490	0.38739	0.37460	0.35719	0.33682	0.31526

**MODELOPTs: NonDFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Site #14 – Localized $PM_{2.5}$ Concentrations

```
   Y-COORD  |                                        X-COORD (METERS)
   (METERS) |     373042.63    373072.63    373102.63    373132.63    373162.63
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3758119.46 |       1.26329      1.26930      1.27677      1.28484      1.29260
 3758089.46 |       1.38235      1.39043      1.39906      1.40720      1.41383
 3758059.46 |       1.52112      1.53029      1.53866      1.54502      1.54832
 3758029.46 |       1.68214      1.69052      1.69622      1.69794      1.69467
 3757999.46 |       1.86728      1.87171      1.87097      1.86392      1.84996
 3757969.46 |       2.07698      2.07249      2.06002      2.03902      2.00953
 3757939.46 |       2.30897      2.28871      2.25795      2.21703      2.16671
 3757909.46 |       2.55731      2.51294      2.45649      2.38925      2.31278
 3757879.46 |       2.81169      2.73403      2.64425      2.54466      2.43769
 3757849.46 |       3.05706      2.93721      2.80754      2.67136      2.53182
 3757819.46 |       3.27455      3.10581      2.93269      2.75905      2.58817
 3757789.46 |       3.44444      3.22479      3.00934      2.80152      2.60372
 3757759.46 |       3.55098      3.28442      3.03247      2.79701      2.57882
 3757729.46 |       3.58555      3.28103      3.00162      2.74703      2.51630
 3757699.46 |       3.54614      3.21590      2.92021      2.65650      2.42195
 3757669.46 |       3.43759      3.09631      2.79696      2.53469      2.30493
 3757639.46 |       3.27317      2.93604      2.64510      2.39353      2.17540
 3757609.46 |       3.07126      2.75115      2.47781      2.24323      2.04078
 3757579.46 |       2.84983      2.55533      2.30496      2.09053      1.90556
 3757549.46 |       2.62377      2.35897      2.13378      1.94066      1.77380
 3757519.46 |       2.40021      2.16673      1.96753      1.79611      1.64746
 3757489.46 |       2.18240      1.98025      1.80678      1.65665      1.52575
 3757459.46 |       1.97500      1.80216      1.65268      1.52237      1.40798
 3757429.46 |       1.78027      1.63380      1.50602      1.39375      1.29448
 3757399.46 |       1.59897      1.47591      1.36761      1.27168      1.18625
 3757369.46 |       1.43130      1.32897      1.23801      1.15673      1.08378
 3757339.46 |       1.27686      1.19257      1.11694      1.04873      0.98697
 3757309.46 |       1.13983      1.06985      1.00681      0.94965      0.89754
 3757279.46 |       1.02377      0.96419      0.91055      0.86194      0.81759
 3757249.46 |       0.92707      0.87513      0.82828      0.78589      0.74736
 3757219.46 |       0.84641      0.80049      0.75877      0.72090      0.68650
 3757189.46 |       0.77847      0.73768      0.70024      0.66597      0.63464
 3757159.46 |       0.72059      0.68429      0.65057      0.61942      0.59072
 3757129.46 |       0.67041      0.63846      0.60812      0.57972      0.55332
 3757099.46 |       0.62501      0.59794      0.57129      0.54563      0.52135
 3757069.46 |       0.58163      0.55998      0.53774      0.51542      0.49357
 3757039.46 |       0.53904      0.52264      0.50519      0.48689      0.46819
 3757009.46 |       0.49755      0.48552      0.47251      0.45840      0.44335
 3756979.46 |       0.45829      0.44922      0.43981      0.42946      0.41802
 3756949.46 |       0.42263      0.41487      0.40784      0.40045      0.39216
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                    ***        10/26/10
                                   ***                                                                    ***        15:37:05
                                                                                                                     PAGE  21
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                         ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

   Y-COORD  |                                        X-COORD (METERS)
   (METERS) |     373042.63    373072.63    373102.63    373132.63    373162.63
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3756919.46 |       0.39171      0.38366      0.37761      0.37215      0.36631
 3756889.46 |       0.36604      0.35653      0.35011      0.34539      0.34113
 3756859.46 |       0.34561      0.33391      0.32613      0.32101      0.31732
 3756829.46 |       0.33007      0.31582      0.30605      0.29967      0.29558
 3756799.46 |       0.31881      0.30204      0.28993      0.28173      0.27648
 3756769.46 |       0.31087      0.29206      0.27762      0.26728      0.26035
 3756739.46 |       0.30522      0.28508      0.26871      0.25621      0.24732
 3756709.46 |       0.30094      0.28019      0.26251      0.24819      0.23732
 3756679.46 |       0.29733      0.27659      0.25823      0.24264      0.23006
 3756649.46 |       0.29389      0.27365      0.25516      0.23885      0.22505
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                    ***        10/26/10
                                   ***                                                                    ***        15:37:05
                                                                                                                     PAGE  22
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                         ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

      X-COORD (M)   Y-COORD (M)        CONC                     X-COORD (M)   Y-COORD (M)        CONC
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372149.67    3757202.57        8.38735                    372200.97    3757196.42        8.66368
       372734.43    3757083.57        1.09739                    372746.74    3757147.17        1.24412
       372767.26    3757192.31        1.36540                    372894.46    3757118.45        0.80819
       372371.27    3757725.77        3.90098
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                    ***        10/26/10
                                   ***                                                                    ***        15:37:05
                                                                                                                     PAGE  23
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                           *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                         ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                        X-COORD (METERS)
 (METERS) |       371692.63              371722.63              371752.63              371782.63              371812.63
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758119.5 |      4.21269 (07021124)      4.25099 (07021124)      4.34579 (06071424)      4.36483 (06071424)      4.69347m(05010924)
3758089.5 |      4.07748 (07021124)      4.38013 (07021124)      4.46838 (07021124)      4.58321 (06071424)      4.63209 (06071424)
3758059.5 |      4.30678 (05030524)      4.24376 (05030524)      4.55025 (07021124)      4.69541 (07021124)      4.83582 (06071424)
3758029.5 |      5.47342 (06110124)      4.86691 (06110124)      4.48528 (05030524)      4.72252 (07021124)      4.93243 (07021124)
3757999.5 |      6.38063 (06110124)      6.06004 (06110124)      5.51310 (06110124)      4.78550 (06110124)      4.89646 (07021124)
3757969.5 |      6.76890 (06110124)      6.83699 (06110124)      6.64503 (06110124)      6.19028 (06110124)      5.50433 (06110124)
3757939.5 |      6.56462 (06110124)      7.01699 (06110124)      7.24780 (06110124)      7.21182 (06110124)      6.88453 (06110124)
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3757909.5	5.83287 (06110124)	6.58621 (06110124)	7.19436 (06110124)	7.59859 (06110124)	7.74211 (06110124)
3757879.5	6.21685 (07091324)	6.18577 (07091324)	6.53197 (06110124)	7.29439 (06110124)	7.87777 (06110124)
3757849.5	6.48871 (07091324)	6.70482 (07091324)	6.80738 (07091324)	6.78062 (07091324)	7.31390 (06110124)
3757819.5	6.29287 (07091324)	6.73664 (07091324)	7.10214 (07091324)	7.36345 (07091324)	7.49637 (07091324)
3757789.5	6.57222 (07020624)	6.67905 (07020624)	6.86271 (07091324)	7.38131 (07091324)	7.81555 (07091324)
3757759.5	7.32701 (07020624)	7.57414 (07020624)	7.78528 (07020624)	7.93839 (07020624)	8.01486 (07020624)
3757729.5	7.69849 (07020624)	8.09136 (07020624)	8.49505 (07020624)	8.88340 (07020624)	9.22397 (07020624)
3757699.5	7.62610 (07020624)	8.08324 (07020624)	8.59390 (07020624)	9.15352 (07020624)	9.74413 (07020624)
3757669.5	7.22557 (07020624)	7.69883 (07020624)	8.22116 (07020624)	8.81037 (07020624)	9.47954 (07020624)
3757639.5	7.55333 (07030624)	7.83565 (07030624)	8.09665 (07030624)	8.33210 (07030624)	8.82047 (07020624)
3757609.5	7.49313 (07030624)	7.92612 (07030624)	8.36378 (07030624)	8.79944 (07030624)	9.22776 (07030624)
3757579.5	8.49201 (05122624)	8.82569 (05122624)	9.16934 (05122624)	9.52398 (05122624)	9.89069 (05122624)
3757549.5	9.55421 (05122624)	10.04431 (05122624)	10.56279 (05122624)	11.11146 (05122624)	11.69289 (05122624)
3757519.5	10.34986 (05122624)	10.96607 (05122624)	11.63084 (05122624)	12.34785 (05122624)	13.12167 (05122624)
3757489.5	10.68206 (05122624)	11.33674 (05122624)	12.04937 (05122624)	12.82600 (05122624)	13.67303 (05122624)
3757459.5	10.46087 (05122624)	11.05461 (05122624)	11.70077 (05122624)	12.40529 (05122624)	13.17546 (05122624)
3757429.5	10.18562 (07112524)	10.68046 (07112524)	11.26189m(05012424)	12.27779m(05012424)	13.42170m(05012424)
3757399.5	10.81551 (06110924)	11.60285m(05012424)	12.59881m(05012424)	13.70002m(05012424)	14.91388m(05012424)
3757369.5	11.91701m(05012424)	12.83715m(05012424)	13.82858m(05012424)	14.89177m(05012424)	16.02534m(05012424)
3757339.5	12.90802m(05012424)	13.75083m(05012424)	14.62784m(05012424)	15.53398m(05012424)	16.46445m(05012424)
3757309.5	13.32888m(05012424)	13.99657m(05012424)	14.66251m(05012424)	15.32202m(05012424)	15.97258m(05012424)
3757279.5	12.96290m(05012424)	13.47647 (06012524)	14.41771 (06012524)	15.37928 (06012524)	16.35190 (06012524)
3757249.5	13.17343 (06012524)	13.88430 (06012524)	14.57891 (06012524)	15.25179 (06012524)	15.90233 (06012524)
3757219.5	12.89317 (06012524)	13.33883 (06012524)	13.74841 (06012524)	14.12747 (06012524)	14.49202 (06012524)
3757189.5	11.89686 (06012524)	12.17357c(06111824)	12.65499c(06111824)	13.52311 (05120724)	14.54034 (05120724)
3757159.5	11.15334 (05120724)	11.96414 (05120724)	12.78670 (05120724)	13.61051 (05121124)	14.64759 (05121124)
3757129.5	11.33793 (05120724)	12.06895 (05121124)	12.85097 (05121124)	13.66804 (05121124)	14.51674 (05121124)
3757099.5	11.36653 (05121124)	11.97888 (05121124)	12.61594 (05121124)	13.27661 (05121124)	13.96240 (05110424)
3757069.5	11.34589 (06122024)	11.91265 (06122024)	12.35926 (05110424)	12.95265 (05110424)	14.01001 (07123024)
3757039.5	11.17758 (06122024)	11.57146 (05110424)	12.46202 (06111624)	13.29875 (07123024)	13.98870 (07123024)
3757009.5	11.27226 (06111624)	11.95943 (06111624)	12.56324 (07123024)	13.04227 (07123024)	13.26366 (07123024)
3756979.5	11.38466 (06111624)	11.82378 (07123024)	12.12723 (07123024)	12.19417 (05110524)	13.30823 (05111224)
3756949.5	11.09578 (07123024)	11.25305 (07123024)	11.50960 (05110524)	12.79475 (05111224)	13.87457 (05111224)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	371692.63	371722.63	371752.63	371782.63	371812.63
3756919.5	10.42582 (07123024)	11.12907 (05111224)	12.27877 (05111224)	13.16406 (05111224)	13.68514 (05111224)
3756889.5	10.78695 (05111224)	11.76519 (05111224)	12.48252 (05111224)	12.85763 (05111224)	13.03769 (05120824)
3756859.5	11.25834 (05111224)	11.83166 (05111224)	12.08601 (05111224)	12.20246 (05120824)	12.36145 (05120824)
3756829.5	11.21228 (05111224)	11.36762 (05111224)	11.44212 (05120824)	11.54058 (05120824)	11.91464 (05100924)
3756799.5	10.69975 (05111224)	10.74899 (05120824)	10.80012 (05120824)	11.18876 (05100924)	11.61586 (05100924)
3756769.5	10.11649 (05120824)	10.13068 (05120824)	10.53376 (05100924)	10.93975 (05100924)	11.02885 (05100924)
3756739.5	9.52383 (05120824)	9.94079 (05100924)	10.32726 (05100924)	10.42566 (05100924)	10.18668 (05100924)
3756709.5	9.40178 (05100924)	9.77024 (05100924)	9.87637 (05100924)	9.67264 (05100924)	9.74821 (05122924)
3756679.5	9.26198 (05100924)	9.37412 (05100924)	9.20165 (05100924)	9.15546 (05122924)	9.45202 (05122924)
3756649.5	8.91333 (05100924)	8.76844 (05100924)	8.61444 (05122924)	8.90812 (05122924)	9.02883 (05122924)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	371842.63	371872.63	371902.63	371932.63	371962.63
3758119.5	5.35297 (07071924)	6.44899 (06062824)	7.37675 (06062824)	7.90001 (06062824)	7.92914 (06062824)
3758089.5	5.01531m(05010924)	5.69699 (06062824)	6.92923 (06062824)	7.87428 (06062824)	8.36046 (06062824)
3758059.5	4.92043 (06071424)	5.37488m(05010924)	6.16072 (06062824)	7.45756 (06062824)	8.41531 (06062824)
3758029.5	5.10476 (06071424)	5.23205 (06071424)	5.77819m(05010924)	6.67710 (06062824)	8.04111 (06062824)
3757999.5	5.17956 (07021124)	5.39231 (06071424)	5.57080 (06071424)	6.23364m(05010924)	7.25404 (06062824)
3757969.5	5.07185 (07021124)	5.43735 (07021124)	5.69969 (06071424)	5.94059m(05010924)	6.75108m(05010924)
3757939.5	6.27660 (06110124)	5.44059 (06110124)	5.70560 (07021124)	6.02959 (06071424)	6.42375m(05010924)
3757909.5	7.57837 (06110124)	7.09077 (06110124)	6.31066 (06110124)	5.98526 (07021124)	6.38456 (06071424)
3757879.5	8.21805 (06110124)	8.25098 (06110124)	7.92994 (06110124)	7.25433 (06110124)	6.32250 (07100124)
3757849.5	8.07697 (06110124)	8.62364 (06110124)	8.88035 (06110124)	8.77323 (06110124)	8.25901 (06110124)
3757819.5	7.47916 (07091324)	8.19184 (06110124)	8.94797 (06110124)	9.44522 (06110124)	9.59358 (06110124)
3757789.5	8.13525 (07091324)	8.30962 (07091324)	8.31271 (07091324)	9.18604 (06110124)	9.93008 (06110124)
3757759.5	8.13953 (07091324)	8.65806 (07091324)	9.05252 (07091324)	9.28844 (07091324)	9.33744 (06110124)
3757729.5	9.48140 (07020624)	9.62621 (07020624)	9.64110 (07020624)	9.67448 (07091324)	10.16916 (07091324)
3757699.5	10.33284 (07020624)	10.87506 (07020624)	11.32021 (07020624)	11.62194 (07020624)	11.74536 (07020624)
3757669.5	10.22922 (07020624)	11.04336 (07020624)	11.88607 (07020624)	12.70460 (07020624)	13.43602 (07020624)
3757639.5	9.55128 (07020624)	10.39071 (07020624)	11.34709 (07020624)	12.40940 (07020624)	13.54262 (07020624)
3757609.5	9.64361 (07030624)	10.04336 (07030624)	10.43487 (07020624)	11.47250 (07020624)	12.66609 (07020624)
3757579.5	10.27144 (05122624)	10.86004 (06041124)	11.52004 (06041124)	12.21676 (06041124)	12.94806 (06041124)
3757549.5	12.31061 (05122624)	12.96932 (05122624)	13.67578 (05122624)	14.43855 (05122624)	15.26975 (05122624)
3757519.5	13.95748 (05122624)	14.86135 (05122624)	15.84047 (05122624)	16.90403 (05122624)	18.06460 (05122624)
3757489.5	14.59719 (05122624)	15.60610 (05122624)	16.70762 (05122624)	17.91016 (05122624)	19.22454 (05122624)
3757459.5	14.01978 (05122624)	14.94793 (05122624)	15.97118 (05122624)	17.10281 (05122624)	18.79103m(05012424)
3757429.5	14.70948m(05012424)	16.15981m(05012424)	17.79131m(05012424)	19.62187m(05012424)	21.66781m(05012424)
3757399.5	16.24757m(05012424)	17.70763m(05012424)	19.29896m(05012424)	21.02511m(05012424)	22.88977m(05012424)
3757369.5	17.22732m(05012424)	18.49458m(05012424)	19.82567m(05012424)	21.22303m(05012424)	22.69461m(05012424)
3757339.5	17.41524m(05012424)	18.38577m(05012424)	19.38067m(05012424)	20.41179m(05012424)	21.56678 (06012524)
3757309.5	16.79603 (06012524)	18.10653 (06012524)	19.47236 (06012524)	20.90910 (06012524)	22.45212 (06012524)
3757279.5	17.33157 (06012524)	18.32169 (06012524)	19.34149 (06012524)	20.42178 (06012524)	21.60139 (06012524)
3757249.5	16.54083 (06012524)	17.18798 (06012524)	17.87197 (06012524)	19.33781 (05120724)	20.99140 (05120724)
3757219.5	15.40511 (05120724)	16.68675 (05120724)	17.96482 (05120724)	19.58190 (05121124)	21.57806 (05121124)
3757189.5	15.54973 (05120724)	16.84884 (05121124)	18.32105 (05121124)	19.85192 (05121124)	21.38371 (05121124)
3757159.5	15.74104 (05121124)	16.87854 (05121124)	18.03118 (05121124)	19.15210 (05121124)	20.17475 (05121124)
3757129.5	15.38861 (05121124)	16.26053 (05121124)	17.09863 (05121124)	18.15418 (07123024)	19.18330 (07123024)
3757099.5	14.67150 (07123024)	15.89846 (07123024)	16.88048 (07123024)	17.53308 (07123024)	19.01643 (05110524)
3757069.5	14.94834 (07123024)	15.62527 (07123024)	16.01123 (05110524)	17.62981 (05110524)	19.03512 (05110524)
3757039.5	14.41382 (07123024)	15.01968 (05110524)	16.34195 (05110524)	17.60191 (05111224)	18.67102 (05120824)

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3757009.5 |     14.07099 (05110524)     15.37125 (05111224)     16.52811 (05111224)     17.31170 (05120824)     18.14738 (05120824)
3756979.5 |     14.61144 (05111224)     15.51832 (05111224)     16.08181 (05120824)     16.70937 (05120824)     17.09484 (05100924)
3756949.5 |     14.57120 (05111224)     14.96739 (05120824)     15.43175 (05120824)     15.79117 (05100924)     16.38417 (05100924)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        15:37:05
                                                                                                                    PAGE  26

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       371842.63              371872.63              371902.63              371932.63              371962.63
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756919.5 |     13.95603 (05120824)     14.29284 (05120824)     14.64336 (05100924)     15.19070 (05100924)     15.19714 (05100924)
3756889.5 |     13.27469 (05120824)     13.62721 (05100924)     14.13736 (05100924)     14.16664 (05100924)     14.20293 (05122924)
3756859.5 |     12.72300 (05100924)     13.20163 (05100924)     13.24989 (05100924)     13.14011 (05122924)     13.72701 (05122924)
3756829.5 |     12.36598 (05100924)     12.43046 (05100924)     12.18979 (05122924)     12.77028 (05122924)     12.95692 (05122924)
3756799.5 |     11.69398 (05100924)     11.36711 (05100924)     11.90228 (05122924)     12.13866 (05122924)     11.97633 (05122924)
3756769.5 |     10.74902 (05100924)     11.11467 (05122924)     11.38264 (05122924)     11.31448 (05122924)     10.86346 (05122924)
3756739.5 |     10.39894 (05122924)     10.68573 (05122924)     10.68860 (05122924)     10.36360 (05122924)      9.68806 (05122924)
3756709.5 |     10.04345 (05122924)     10.09892 (05122924)      9.87450 (05122924)      9.34258 (05122924)      8.50421 (05122924)
3756679.5 |      9.54630 (05122924)      9.40112 (05122924)      8.98865 (05122924)      8.29886 (05122924)      7.43917 (06030424)
3756649.5 |      8.94567 (05122924)      8.63180 (05122924)      8.07063 (05122924)      7.27014 (05122924)      7.13223 (05112824)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        15:37:05
                                                                                                                    PAGE  27

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       371992.63              372022.63              372052.63              372082.63              372112.63
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758119.5 |      7.47529 (06062824)      6.91018 (05082524)      6.29937 (05082524)      5.83259 (05101024)      5.84620 (07030924)
3758089.5 |      8.30545 (06062824)      7.74223 (06062824)      7.19446 (05082524)      6.39669 (05082524)      6.02920 (05101024)
3758059.5 |      8.85277 (06062824)      8.70040 (06062824)      8.03554 (05082524)      7.44408 (05082524)      6.45682 (05082524)
3758029.5 |      9.00449 (06062824)      9.37995 (06062824)      9.11640 (06062824)      8.47197 (05082524)      7.65849 (05082524)
3757999.5 |      8.68702 (06062824)      9.64825 (06062824)      9.94629 (06062824)      9.55592 (06062824)      8.88431 (05082524)
3757969.5 |      7.90165 (06062824)      9.40494 (06062824)     10.35324 (06062824)     10.55658 (06062824)     10.02461 (06062824)
3757939.5 |      7.34216m(05010924)      8.63150 (06062824)     10.20688 (06062824)     11.12939 (06062824)     11.21803 (06062824)
3757909.5 |      6.97584m(05010924)      8.02298m(05010924)      9.45990 (06062824)     11.10773 (06062824)     11.98812 (06062824)
3757879.5 |      6.81004 (07100124)      7.61197m(05010924)      8.81436m(05010924)     10.40518 (06062824)     12.12696 (06062824)
3757849.5 |      7.36559 (06110124)      7.42991 (06092024)      8.35078m(05010924)      9.74331m(05010924)     11.49509 (06062824)
3757819.5 |      9.30637 (06110124)      8.55598 (06110124)      8.27888 (07080524)      9.21875m(05010924)     10.84712m(05010924)
3757789.5 |     10.36355 (06110124)     10.36903 (06110124)      9.84754 (06110124)      9.40079 (07080524)     10.25096m(05010924)
3757759.5 |     10.32878 (06110124)     11.06002 (06110124)     11.41217 (06110124)     11.22102 (06110124)     10.78751 (05021824)
3757729.5 |     10.49976 (07091324)     10.64425 (06110124)     11.67362 (06110124)     12.40029 (06110124)     12.64193 (06110124)
3757699.5 |     11.67701 (07020624)     11.57925 (07091324)     12.08541 (06090824)     12.96855 (06090824)     13.74232 (06090824)
3757669.5 |     14.01810 (07020624)     14.39578 (07020624)     14.52692 (07020624)     14.39279 (07020624)     15.25813 (06090824)
3757639.5 |     14.69437 (07020624)     15.80310 (07020624)     16.80477 (07020624)     17.63453 (07020624)     18.22810 (07020624)
3757609.5 |     14.00791 (07020624)     15.46616 (07020624)     16.99320 (07020624)     18.54376 (07020624)     20.07962 (07020624)
3757579.5 |     13.71345 (06041124)     14.60761 (07020624)     16.33977 (07020624)     18.24093 (07020624)     20.27325 (07020624)
3757549.5 |     16.18521 (05122624)     17.20546 (05122624)     18.35871 (05122624)     19.68300 (05122624)     21.23125 (05122624)
3757519.5 |     19.33794 (05122624)     20.74679 (05122624)     22.32043 (05122624)     24.09926 (05122624)     26.13866 (05122624)
3757489.5 |     20.66248 (05122624)     22.23846 (05122624)     23.97345 (05122624)     25.89619 (05122624)     28.05223 (05122624)
3757459.5 |     20.86999m(05012424)     23.25316m(05012424)     25.97932m(05012424)     29.08802m(05012424)     32.62276m(05012424)
3757429.5 |     23.94522m(05012424)     26.46993m(05012424)     29.25649m(05012424)     32.33837m(05012424)     35.77577m(05012424)
3757399.5 |     24.90347m(05012424)     27.08556m(05012424)     29.48019m(05012424)     32.16969m(05012424)     35.29633m(05012424)
3757369.5 |     24.26682m(05012424)     25.98374m(05012424)     27.92127m(05012424)     30.19434m(05012424)     32.94820m(05012424)
3757339.5 |     23.54748 (06012524)     25.75742 (06012524)     28.29150 (06012524)     31.24435 (06012524)     34.65861 (06012524)
3757309.5 |     24.15735 (06012524)     26.08294 (06012524)     28.25773 (06012524)     30.64718 (06012524)     33.29124 (05121124)
3757279.5 |     22.90657 (06012524)     24.83619 (05120724)     27.46654 (05121124)     31.20896 (05121124)     35.11408 (05121124)
3757249.5 |     23.03171 (05121124)     25.75807 (05121124)     28.59385 (05121124)     31.35634 (05121124)     33.79787 (05121124)
3757219.5 |     23.65478 (05121124)     25.70288 (05121124)     27.56584 (05121124)     29.05939 (05121124)     30.51397 (06123024)
3757189.5 |     22.82645 (05121124)     24.06461 (05121124)     24.96553 (05121124)     27.32339 (05110524)     30.24343 (05110524)
3757159.5 |     21.01435 (05121124)     22.21308 (06123024)     24.87241 (05110524)     27.13489 (05110524)     28.95542 (05120824)
3757129.5 |     20.51452 (05110524)     22.71160 (05110524)     24.45399 (05110524)     26.14112 (05120824)     27.81959 (05120824)
3757099.5 |     20.77775 (05110524)     22.11458 (05110524)     23.72044 (05120824)     24.90251 (05120824)     25.68376 (05100924)
3757069.5 |     20.17635 (05120824)     21.61587 (05120824)     22.42973 (05120824)     23.21220 (05100924)     23.02810 (05100924)
3757039.5 |     19.77203 (05120824)     20.31007 (05120824)     21.10941 (05100924)     20.97606 (05100924)     21.88723 (05122924)
3757009.5 |     18.58389 (05100924)     19.30491 (05100924)     19.21521 (05100924)     19.95101 (05122924)     20.20384 (05122924)
3756979.5 |     17.74404 (05100924)     17.69150 (05100924)     18.24407 (05122924)     18.64417 (05122924)     18.06649 (05122924)
3756949.5 |     16.36338 (05100924)     16.73425 (05122924)     17.22952 (05122924)     16.90507 (05122924)     15.69854 (05122924)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        15:37:05
                                                                                                                    PAGE  28

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       371992.63              372022.63              372052.63              372082.63              372112.63
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756919.5 |     15.39482 (05122924)     15.94594 (05122924)     15.81367 (05122924)     14.91717 (05122924)     13.29680 (05122924)
3756889.5 |     14.78206 (05122924)     14.79238 (05122924)     14.14733 (05122924)     12.84739 (05122924)     11.36769 (05011824)
3756859.5 |     13.84074 (05122924)     13.39662 (05122924)     12.37008 (05122924)     10.82792 (05122924)     10.90511 (06120424)
3756829.5 |     12.67119 (05122924)     11.87430 (05122924)     10.59629 (05122924)      9.91919 (05112824)     10.80544 (06120424)
3756799.5 |     11.36950 (05122924)     10.32316 (05122924)      9.25773 (05112824)      9.66129 (06120424)     10.58064 (06120424)
3756769.5 |     10.01753 (05122924)      8.81696 (05122924)      8.86225 (05112824)      9.56860 (06120424)     10.25699 (06120424)
3756739.5 |      8.67939 (05122924)      8.34531 (05112824)      8.62432 (06120424)      9.38249 (06120424)      9.85812 (06120424)
3756709.5 |      7.82223 (05112824)      7.95553 (05112824)      8.54046 (06120424)      9.12064 (06120424)      9.40364 (06120424)
3756679.5 |      7.54980 (05112824)      7.75033 (06120424)      8.38571 (06120424)      8.79860 (06120424)      8.91199 (06120424)
3756649.5 |      7.17083 (05112824)      7.67630 (06120424)      8.17180 (06120424)      8.43097 (06120424)      8.39699 (06120424)
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Site #14 – Localized $PM_{2.5}$ Concentrations

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372142.63	372172.63	372202.63	372232.63	372262.63
3758119.5	7.17423 (06090524)	8.62312 (06090524)	9.71299 (06090524)	10.47865 (06090524)	10.96979 (06090524)
3758089.5	6.81651 (06090524)	8.50701 (06090524)	9.85875 (06090524)	10.86091 (06090524)	11.59035 (06090524)
3758059.5	6.59135 (07030924)	8.27479 (06090524)	9.91482 (06090524)	11.17991 (06090524)	12.16538 (06090524)
3758029.5	6.68523 (07030924)	7.91379 (06090524)	9.86128 (06090524)	11.42586 (06090524)	12.68513 (06090524)
3757999.5	7.84149 (05082524)	7.47154 (07030924)	9.67309 (06090524)	11.58256 (06090524)	13.14424 (06090524)
3757969.5	9.27217 (05082524)	8.00244 (05082524)	9.32250 (06090524)	11.62352 (06090524)	13.53373 (06090524)
3757939.5	10.63929 (05082524)	9.64459 (05082524)	8.79173 (06090524)	11.51079 (06090524)	13.83756 (06090524)
3757909.5	11.94110 (06062824)	11.27828 (05082524)	10.02175 (05082524)	11.19802 (06090524)	14.02449 (06090524)
3757879.5	12.94612 (06062824)	12.74612 (06062824)	11.93207 (05082524)	10.64352 (06090524)	14.04307 (06090524)
3757849.5	13.29145 (06062824)	14.02724 (06062824)	13.73179 (05082524)	12.67331 (06062824)	13.82053 (06090524)
3757819.5	12.76556 (06062824)	14.63770 (06062824)	15.27641 (06062824)	14.84067 (06062824)	14.02210 (06062824)
3757789.5	12.17713m(05010924)	14.26918 (06062824)	16.22551 (06062824)	16.79035 (06062824)	16.45938 (06062824)
3757759.5	11.57967 (07080524)	13.80907m(05010924)	16.08837 (06062824)	18.16253 (06062824)	18.78707 (06062824)
3757729.5	12.92396 (05021824)	13.55079 (05021824)	15.85940m(05010924)	18.43166m(05010924)	20.67598 (06062824)
3757699.5	14.70339 (05021824)	15.73464 (05021824)	16.65127 (05021824)	18.51913m(05010924)	21.84353m(05010924)
3757669.5	16.49493 (06090824)	17.92232 (05021824)	19.51525 (05021824)	20.98219 (05021824)	22.17037 (05021824)
3757639.5	18.51706 (07020624)	19.74644 (05021824)	22.15564 (05021824)	24.73562 (05021824)	27.30822 (05021824)
3757609.5	21.56943 (07020624)	22.98200 (07020624)	24.25969 (07020624)	27.86445 (05021824)	32.22107 (05021824)
3757579.5	22.41685 (07020624)	24.68168 (07020624)	27.11799 (07020624)	30.07135 (05021824)	36.04634 (05021824)
3757549.5	23.09705 (07020624)	26.14638 (07020624)	29.58355 (07020624)	33.59195 (07020624)	38.56453 (07020624)
3757519.5	28.51652 (05122624)	31.34504 (05122624)	34.79422 (05122624)	40.63799 (07112524)	48.53065 (07112524)
3757489.5	30.51073 (05122624)	34.31928m(05012424)	39.83112m(05012424)	46.64893m(05012424)	55.90179 (06010124)
3757459.5	36.64457m(05012424)	41.27583m(05012424)	46.78180m(05012424)	53.69322m(05012424)	62.81985m(05012424)
3757429.5	39.69876m(05012424)	44.34822m(05012424)	50.09389m(05012424)	57.37389m(05012424)	66.64090m(05012424)
3757399.5	39.07643m(05012424)	43.78387m(05012424)	49.68913m(05012424)	57.04289m(05012424)	66.26197m(05012424)
3757369.5	37.15434 (06012524)	42.17377 (06012524)	47.99241 (06012524)	54.86555 (06012524)	63.44631 (06012524)
3757339.5	38.50546 (06012524)	42.72069 (06012524)	48.36304 (05121124)	56.28900 (05121124)	65.03752 (05121124)
3757309.5	38.45056 (05121124)	43.91240 (05121124)	49.39854 (05121124)	54.47842 (05121124)	61.49184 (06123024)
3757279.5	38.91705 (05121124)	42.25864 (05121124)	44.98256 (06123024)	51.62904 (06123024)	56.84674 (06123024)
3757249.5	35.63469 (05121124)	39.20498 (06123024)	43.75619 (06123024)	47.52772 (05120824)	51.82584 (05120824)
3757219.5	34.25847 (06123024)	37.42674 (06123024)	40.79875 (05120824)	43.70062 (05120824)	44.24070 (05120824)
3757189.5	32.28349 (06123024)	35.53833 (05120824)	37.47030 (05120824)	37.69321 (05120824)	37.05290 (05122924)
3757159.5	31.30389 (05120824)	32.54081 (05120824)	32.50021 (05120824)	32.96914 (05122924)	30.94764 (05122924)
3757129.5	28.61822 (05100924)	28.66877 (05122924)	29.54657 (05122924)	28.27079 (05122924)	26.56962 (05011824)
3757099.5	25.54291 (05122924)	26.62225 (05122924)	25.92232 (05122924)	23.44710 (05122924)	23.28860 (05011824)
3757069.5	24.09327 (05122924)	23.82013 (05122924)	21.97394 (05122924)	20.66978 (05011824)	21.73239 (06120424)
3757039.5	21.92301 (05122924)	20.59789 (05122924)	18.44063 (05011824)	19.03436 (06120424)	20.28558 (06120424)
3757009.5	19.29733 (05122924)	17.26748 (05122924)	16.52762 (06120424)	18.17742 (06120424)	18.69217 (06120424)
3756979.5	16.48416 (05122924)	14.94936 (05011824)	16.11403 (06120424)	17.10330 (06120424)	17.04996 (06120424)
3756949.5	13.70916 (05122924)	14.17651 (06120424)	15.46113 (06120424)	15.90455 (06120424)	15.42864 (06120424)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372142.63	372172.63	372202.63	372232.63	372262.63
3756919.5	12.46271 (07120924)	13.84423 (06120424)	14.64274 (06120424)	14.65277 (06120424)	14.13862 (06010524)
3756889.5	12.31227 (06120424)	13.33451 (06120424)	13.72296 (06120424)	13.39994 (06120424)	12.93921 (06010524)
3756859.5	12.04015 (06120424)	12.69921 (06120424)	12.75250 (06120424)	12.17931 (06120424)	12.35095 (05020424)
3756829.5	11.63627 (06120424)	11.98214 (06120424)	11.76869 (06120424)	11.23471 (06010524)	11.86424 (05020424)
3756799.5	11.13588 (06120424)	11.21839 (06120424)	10.79716 (06120424)	10.71874 (05020424)	11.32357 (05020424)
3756769.5	10.56870 (06120424)	10.43472 (06120424)	9.85612 (06120424)	10.41540 (05020424)	10.74542 (05020424)
3756739.5	9.95938 (06120424)	9.65140 (06120424)	9.31908 (05020424)	10.05198 (05020424)	10.14628 (05020424)
3756709.5	9.32766 (06120424)	8.88272 (06120424)	9.14580 (05020424)	9.64258 (05020424)	9.53983 (05020424)
3756679.5	8.68862 (06120424)	8.15507 (06010524)	8.91284 (05020424)	9.20124 (05020424)	8.93781 (05020424)
3756649.5	8.05419 (06120424)	8.04458 (05020424)	8.63163 (05020424)	8.74029 (05020424)	8.34945 (05020424)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372292.63	372322.63	372352.63	372382.63	372412.63
3758119.5	11.07909 (06090524)	10.63448 (06090524)	9.69418 (06090524)	9.08890 (06091124)	9.65639 (07050924)
3758089.5	11.94395 (06090524)	11.65378 (06090524)	10.68456 (06090524)	9.75897 (06091124)	10.07930 (07050924)
3758059.5	12.80495 (06090524)	12.75112 (06090524)	11.82246 (06090524)	10.48358 (06091124)	10.53981 (07050924)
3758029.5	13.64219 (06090524)	13.90307 (06090524)	13.10776 (06090524)	11.56006 (06090524)	11.06674 (06091124)
3757999.5	14.43853 (06090524)	15.08386 (06090524)	14.53068 (06090524)	12.93593 (06090524)	12.04748 (06091124)
3757969.5	15.18546 (06090524)	16.27061 (06090524)	16.07079 (06090524)	14.53209 (06090524)	13.13071 (06091124)
3757939.5	15.87547 (06090524)	17.44404 (06090524)	17.70344 (06090524)	16.35114 (06090524)	14.32941 (06091124)
3757909.5	16.50305 (06090524)	18.59368 (06090524)	19.40965 (06090524)	18.38082 (06090524)	16.19795 (06090524)
3757879.5	17.05297 (06090524)	19.71470 (06090524)	21.17531 (06090524)	20.60465 (06090524)	18.57250 (06090524)
3757849.5	17.49346 (06090524)	20.80306 (06090524)	23.00167 (06090524)	23.01389 (06090524)	21.31942 (06090524)
3757819.5	17.76249 (06090524)	21.84870 (06090524)	24.90156 (06090524)	25.61640 (06090524)	24.44693 (06090524)
3757789.5	17.75500 (06090524)	22.82580 (06090524)	26.89880 (06090524)	28.45034 (06090524)	27.98618 (06090524)
3757759.5	18.96170 (06062824)	23.67936 (06090524)	29.03176 (06090524)	31.59662 (06090524)	32.01990 (06090524)

3757729.5	21.73378 (06062824)	24.29070 (06090524)	31.35463 (06090524)	35.20880 (06090524)	36.72536 (06090524)
3757699.5	24.48801m(05010924)	26.53475 (06062824)	33.93021 (06090524)	39.55286 (06090524)	42.42905 (06090524)
3757669.5	26.71278m(05010924)	30.62401m(05010924)	36.93395 (06090524)	45.17689 (06090524)	49.78608 (06090524)
3757639.5	29.61508 (05021824)	34.40471m(05010924)	40.94539m(05010924)	53.64630 (06090524)	60.47707 (06090524)
3757609.5	37.19207 (05021824)	42.52062 (05021824)	49.03774m(05010924)	68.88758 (06090524)	79.64092 (06090524)
3757579.5	43.83126 (05021824)	54.75404 (05021824)	72.21256 (05021824)	108.92358 (06090524)	130.16376 (06090524)
3757549.5	47.51947 (05021824)	61.97831 (05021824)	92.35810 (07112524)	250.70799 (06121424)	275.20270 (06121424)
3757519.5	60.23099 (07112524)	80.19926 (07112524)	122.43518 (07112524)	272.17952 (07112524)	290.12660 (06121424)
3757489.5	69.34350 (07112524)	92.89175 (07112524)	136.76425 (07112524)	281.24043 (07112524)	295.05621 (06121424)
3757459.5	75.16148m(05012424)	99.72317 (07112524)	143.78544 (07112524)	287.09006 (07112524)	293.75257 (06121424)
3757429.5	78.74641m(05012424)	100.77134 (07112524)	144.41553 (07112524)	289.45026 (05120824)	303.06241 (05120824)
3757399.5	78.30438m(05012424)	95.50966m(05012424)	137.42806 (07112524)	304.66508 (05120824)	307.56247 (05120824)
3757369.5	75.81658 (05121124)	94.70687 (05111724)	131.03895 (05111724)	296.29545 (05120824)	297.59681 (05120824)
3757339.5	74.61583 (05121124)	91.27045 (06123024)	110.91496 (05120824)	115.62018 (05011824)	119.94282 (05011824)
3757309.5	70.62420 (06123024)	79.74685 (05120824)	81.39355 (05120824)	84.06138 (05011824)	88.48513 (07081524)
3757279.5	62.97928 (05120824)	64.36682 (05120824)	64.93667 (06121824)	64.78544 (05011824)	73.01942 (07081524)
3757249.5	52.75530 (05120824)	50.59041 (06121824)	53.01955 (06121824)	50.64336 (05011824)	62.70586 (07081524)
3757219.5	42.12959 (05120824)	43.13757 (06121824)	43.07683 (06121824)	41.59026 (06010524)	55.17292 (07081524)
3757189.5	35.35891 (05011824)	36.24885 (06121824)	36.45047 (06010524)	35.93565 (07081524)	49.37510 (07081524)
3757159.5	30.64032 (05011824)	31.17404 (06010524)	31.80071 (06010524)	32.78865 (07081524)	44.75345 (07081524)
3757129.5	26.54833 (06120424)	28.01781 (06010524)	27.73381 (06010524)	30.24801 (07081524)	40.97436 (07081524)
3757099.5	24.51310 (06120424)	25.07634 (06010524)	24.17368 (06010524)	28.14754 (07081524)	37.82086 (07081524)
3757069.5	22.33654 (06120424)	22.37209 (06010524)	21.07364 (06010524)	26.37661 (07081524)	35.14387 (07081524)
3757039.5	20.27257 (06010524)	19.91923 (06010524)	18.78664 (05020424)	24.85890 (07081524)	32.83570 (07081524)
3757009.5	18.40444 (06010524)	17.71666 (06010524)	17.29649 (05020424)	23.53978 (07081524)	30.81809 (07081524)
3756979.5	16.66372 (06010524)	16.36684 (05020424)	15.84978 (05020424)	22.37778 (07081524)	29.03030 (07081524)
3756949.5	15.05951 (06010524)	15.30042 (05020424)	14.45747 (05020424)	21.34171 (07081524)	27.42705 (07081524)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	372292.63	372322.63	372352.63	372382.63	372412.63
3756919.5	14.23062 (05020424)	14.22859 (05020424)	13.50487 (07081524)	20.40667 (07081524)	25.97380 (07081524)
3756889.5	13.49397 (05020424)	13.16728 (05020424)	13.20563 (07081524)	19.55296 (07081524)	24.64325 (07081524)
3756859.5	12.71994 (05020424)	12.13221 (05020424)	12.91651 (07081524)	18.76510 (07081524)	23.41663 (07081524)
3756829.5	11.92667 (05020424)	11.13834 (05020424)	12.63549 (07081524)	18.03090 (07081524)	22.27953 (07081524)
3756799.5	11.13112 (05020424)	10.19597 (05020424)	12.35999 (07081524)	17.34085 (07081524)	21.22078 (07081524)
3756769.5	10.34763 (05020424)	9.52824 (06112824)	12.08863 (07081524)	16.68789 (07081524)	20.23313 (07081524)
3756739.5	9.58847 (05020424)	9.03460 (06112824)	11.81956 (07081524)	16.06673 (07081524)	19.31050 (07081524)
3756709.5	8.86230 (05020424)	8.55628 (06112824)	11.55102 (07081524)	15.47401 (07081524)	18.44810 (07081524)
3756679.5	8.17489 (05020424)	8.09399 (06112824)	11.28246 (07081524)	14.90729 (07081524)	17.64206 (07081524)
3756649.5	7.75634 (06112824)	7.97677 (07081524)	11.01346 (07081524)	14.36503 (07081524)	16.88880 (07081524)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	372442.63	372472.63	372502.63	372532.63	372562.63
3758119.5	10.53931 (07050924)	10.51785 (07050924)	11.02364 (07083124)	12.49231 (07083124)	13.40701 (07083124)
3758089.5	11.00273 (07050924)	10.98905 (07050924)	11.92703 (07083124)	13.50995 (07083124)	14.42253 (07083124)
3758059.5	11.50340 (07050924)	11.49780 (07050924)	12.94931 (07083124)	14.64630 (07083124)	15.53616 (07083124)
3758029.5	12.04658 (07050924)	12.04946 (07050924)	14.10987 (07083124)	15.91665 (07083124)	16.75838 (07083124)
3757999.5	12.63861 (07050924)	12.76419 (07083124)	15.43119 (07083124)	17.33810 (07083124)	18.10030 (07083124)
3757969.5	13.28741 (07050924)	14.00994 (07083124)	16.93969 (07083124)	18.93056 (07083124)	19.57466 (07083124)
3757939.5	14.00257 (07050924)	15.46343 (07083124)	18.66591 (07083124)	20.71762 (07083124)	21.19525 (07083124)
3757909.5	15.20190 (06091124)	17.16927 (07083124)	20.64512 (07083124)	22.72400 (07083124)	22.97849 (07083124)
3757879.5	16.86792 (06091124)	19.18304 (07083124)	22.91957 (07083124)	24.98034 (07083124)	24.94542 (07083124)
3757849.5	18.88572 (06090524)	21.57448 (07083124)	25.53846 (07083124)	27.52403 (07083124)	27.12944 (07083124)
3757819.5	22.22545 (06090524)	24.42852 (07083124)	28.55857 (07083124)	30.40293 (07083124)	29.58818 (07083124)
3757789.5	26.25800 (06090524)	27.85279 (07083124)	32.05451 (07083124)	33.69924 (07083124)	32.42610 (07083124)
3757759.5	31.06537 (06090524)	31.98369 (07083124)	36.13536 (07083124)	37.55804 (07083124)	35.82336 (07083124)
3757729.5	36.80135 (06090524)	37.01205 (07083124)	41.00227 (07083124)	42.25007 (07083124)	40.06411 (07083124)
3757699.5	43.75661 (06090524)	43.26400 (07083124)	47.06770 (07083124)	48.23976 (07083124)	45.56804 (07083124)
3757669.5	52.51666 (06090524)	51.41326 (07083124)	55.11313 (07083124)	56.25954 (07083124)	52.99211 (07083124)
3757639.5	64.54911 (06090524)	64.60065 (06090524)	66.60588 (07083124)	67.65132 (07083124)	63.67590 (07083124)
3757609.5	85.10285 (06090524)	86.77630 (05082924)	87.19033 (05082924)	85.89590 (07083124)	81.23762 (07083124)
3757579.5	137.65074 (06090524)	142.52195 (05082924)	143.00325 (05082924)	138.92749 (05082924)	124.93755 (06101024)
3757549.5	275.04472 (06121424)	271.53606 (06121424)	263.57938 (07111824)	276.19225 (07111824)	285.05994 (07111824)
3757519.5	292.81463 (06121424)	288.45646 (06121424)	277.01705 (06121424)	283.93409 (07111824)	293.49461 (07111824)
3757489.5	296.68888 (06121424)	291.32045 (06121424)	284.20075 (07013024)	283.74336 (07111824)	287.70783 (07111824)
3757459.5	294.84916 (05010124)	292.10979 (07013024)	293.84883 (07013024)	284.89379 (07013024)	279.51945 (07111824)
3757429.5	300.77303 (05010124)	296.14797 (07013024)	295.84772 (07013024)	284.61169 (07013024)	272.00960 (05102324)
3757399.5	299.83754 (05010124)	293.41259 (07013024)	290.58901 (07013024)	278.14129 (07013024)	257.02133 (05102324)
3757369.5	282.46854 (05120824)	267.98666 (05120824)	254.53827 (07013024)	245.62059 (07013024)	220.33617 (07081524)
3757339.5	120.65808 (07081524)	121.60264 (07081524)	120.89660 (07081524)	116.83180 (07081524)	94.31637 (07081524)
3757309.5	92.50124 (07081524)	93.33295 (07081524)	92.57905 (07081524)	87.99382 (07081524)	66.44086 (07081524)
3757279.5	77.25240 (07081524)	78.06772 (07081524)	77.15692 (07081524)	71.97530 (07081524)	52.56672 (07081524)
3757249.5	67.09887 (07081524)	67.93561 (07081524)	66.78649 (07081524)	61.10540 (07081524)	43.99642 (07081524)
3757219.5	59.65036 (07081524)	60.50695 (07081524)	59.07248 (07081524)	53.10008 (07081524)	38.09092 (07081524)
3757189.5	53.85918 (07081524)	54.71069 (07081524)	52.97934 (07081524)	46.95480 (07081524)	33.73702 (07081524)
3757159.5	49.17460 (07081524)	49.98504 (07081524)	47.98207 (07081524)	42.10492 (07081524)	30.37575 (07081524)
3757129.5	45.27197 (07081524)	46.00456 (07081524)	43.78804 (07081524)	38.19083 (07081524)	27.69235 (07081524)
3757099.5	41.94388 (07081524)	42.56737 (07081524)	40.21853 (07081524)	34.96831 (07081524)	25.49398 (07081524)
3757069.5	39.05286 (07081524)	39.54642 (07081524)	37.15170 (07081524)	32.26827 (07081524)	23.65600 (07081524)
3757039.5	36.50009 (07081524)	36.85869 (07081524)	34.49710 (07081524)	29.97068 (07081524)	22.09358 (07081524)
3757009.5	34.21661 (07081524)	34.44906 (07081524)	32.18263 (07081524)	27.98947 (07081524)	20.74655 (07081524)
3756979.5	32.15361 (07081524)	32.27970 (07081524)	30.14991 (07081524)	26.26061 (07081524)	19.57140 (07081524)
3756949.5	30.27429 (07081524)	30.32054 (07081524)	28.35149 (07081524)	24.73664 (07081524)	18.53558 (07081524)

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**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372442.63              372472.63              372502.63              372532.63              372562.63
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756919.5 |     28.55471 (07081524)     28.54846 (07081524)     26.74887 (07081524)     23.38065 (07081524)     17.61442 (07081524)
3756889.5 |     26.97534 (07081524)     26.94317 (07081524)     25.31126 (07081524)     22.16503 (07081524)     16.78873 (07081524)
3756859.5 |     25.52267 (07081524)     25.48651 (07081524)     24.01319 (07081524)     21.06753 (07081524)     16.04332 (07081524)
3756829.5 |     24.18554 (07081524)     24.16201 (07081524)     22.83424 (07081524)     20.07007 (07081524)     15.36627 (07081524)
3756799.5 |     22.95437 (07081524)     22.95477 (07081524)     21.75799 (07081524)     19.15883 (07081524)     14.74773 (07081524)
3756769.5 |     21.82056 (07081524)     21.85215 (07081524)     20.77083 (07081524)     18.32234 (07081524)     14.17968 (07081524)
3756739.5 |     20.77612 (07081524)     20.84197 (07081524)     19.86128 (07081524)     17.55096 (07081524)     13.65525 (07081524)
3756709.5 |     19.81311 (07081524)     19.91358 (07081524)     19.02025 (07081524)     16.83644 (07081524)     13.16880 (07081524)
3756679.5 |     18.92462 (07081524)     19.05793 (07081524)     18.23979 (07081524)     16.17206 (07081524)     12.71551 (07081524)
3756649.5 |     18.10405 (07081524)     18.26698 (07081524)     17.51350 (07081524)     15.55289 (07081524)     12.29158 (07081524)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                  ***       10/26/10
                                  ***                                                                  ***       15:37:05
                                                                                                                 PAGE  35
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372592.63              372622.63              372652.63              372682.63              372712.63
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758119.5 |     13.65049 (07083124)     13.24387 (07083124)     12.28329 (07083124)     10.88541 (07083124)     10.00428 (05052624)
3758089.5 |     14.55530 (07083124)     13.96365 (07083124)     12.77273 (07083124)     11.12216 (07083124)     10.70693 (05052624)
3758059.5 |     15.52644 (07083124)     14.71195 (07083124)     13.24961 (07083124)     11.31192 (07083124)     11.40149 (05052624)
3758029.5 |     16.56802 (07083124)     15.48436 (07083124)     13.70411 (07083124)     12.01259 (05052624)     12.07388 (05052624)
3757999.5 |     17.68322 (07083124)     16.27517 (07083124)     14.12402 (07083124)     12.97812 (05052624)     12.70358 (05052624)
3757969.5 |     18.87402 (07083124)     17.07697 (07083124)     14.49812 (07083124)     13.95362 (05052624)     13.46758 (07071524)
3757939.5 |     20.14339 (07083124)     17.88282 (07083124)     14.81756 (07083124)     14.91550 (05052624)     15.27517 (07071524)
3757909.5 |     21.49673 (07083124)     18.68883 (07083124)     16.20071 (05052624)     15.83108 (05052624)     16.97794 (07071524)
3757879.5 |     22.94499 (07083124)     19.49761 (07083124)     17.64300 (05052624)     17.75133 (07071524)     18.52013 (07071524)
3757849.5 |     24.51444 (07083124)     20.31999 (07083124)     19.10696 (05052624)     19.86461 (07071524)     19.84381 (07071524)
3757819.5 |     26.25372 (07083124)     21.17545 (07083124)     21.15496 (07071524)     21.92788 (07071524)     20.87618 (07071524)
3757789.5 |     28.24381 (07083124)     23.38994 (05052624)     23.99645 (07071524)     23.91695 (07071524)     21.53128 (07071524)
3757759.5 |     30.59261 (07083124)     26.39927 (07071524)     27.09622 (07071524)     25.71458 (07071524)     24.42768 (07092824)
3757729.5 |     33.41572 (07083124)     30.71569 (07071524)     30.46186 (07071524)     28.50410 (07031824)     28.72548 (07092824)
3757699.5 |     36.82009 (07083124)     35.99410 (07071524)     34.04397 (07031824)     34.19876 (07092824)     37.51262 (06101024)
3757669.5 |     43.63227 (07071524)     42.29717 (07071524)     41.86440 (07092824)     46.88823 (06101024)     49.98531 (06101024)
3757639.5 |     54.28836 (07071524)     53.53240 (06101024)     60.12035 (06101024)     61.53816 (06101024)     58.28257 (06101024)
3757609.5 |     74.56467 (06101024)     81.12006 (06101024)     77.41144 (06101024)     68.62814 (06101024)     59.49622 (06101024)
3757579.5 |    127.96093 (06101024)    100.89415 (06101024)     82.25638 (06101024)     68.33646 (06101024)     56.65497 (06101024)
3757549.5 |    149.27748 (06101024)    104.80118 (06101024)     81.73653 (06101024)     64.94619 (06101024)     51.15882 (06101024)
3757519.5 |    150.82107 (06101024)    101.14842 (06101024)     75.62615 (06101024)     59.77607 (05102324)     50.17696 (05081824)
3757489.5 |    145.76258 (05102324)     95.70907 (05102324)     72.95736 (05102324)     58.95525 (05102324)     49.30282 (05102324)
3757459.5 |    142.96278 (05102324)     92.62402 (05102324)     69.50028 (05102324)     55.44675 (06060724)     46.83186 (06060724)
3757429.5 |    137.12819 (06051424)     90.77497 (06051424)     68.03837 (06051424)     53.69674 (06060724)     46.09614 (06060724)
3757399.5 |    130.79800 (06051424)     86.76351 (06051424)     66.57031 (06051424)     53.23078 (06051424)     43.26555 (06051424)
3757369.5 |    100.88130 (06051424)     70.92689 (06051424)     56.69375 (06051424)     46.91878 (06051424)     39.25953 (06051424)
3757339.5 |     58.68292 (05040924)     46.28468 (05040924)     40.96257 (06051424)     36.76256 (06051424)     32.70681 (06051424)
3757309.5 |     42.16401 (05040924)     38.19196 (05040924)     32.23588 (05040924)     28.17458 (06051424)     25.98530 (06051424)
3757279.5 |     34.71233 (05120324)     30.89009 (05040924)     28.02201 (05040924)     24.87697 (05012924)     21.86718 (06051424)
3757249.5 |     31.04523 (05120324)     24.93876 (05040924)     23.86062 (05040924)     21.81895 (05040924)     20.22303 (05012924)
3757219.5 |     27.91721 (05120324)     22.74397 (05120324)     20.03766 (05040924)     19.09393 (05040924)     18.08083 (05012924)
3757189.5 |     25.16108 (05120324)     21.45496 (05120324)     17.86353 (05061324)     16.48287 (05040924)     15.69370 (05040924)
3757159.5 |     22.67028 (05120324)     20.06002 (05120324)     16.69369 (05120324)     14.64599 (05061324)     13.84115 (05040924)
3757129.5 |     20.38369 (05120324)     18.62557 (05120324)     16.12591 (05120324)     13.97554 (05061324)     12.14664 (05040924)
3757099.5 |     18.27612 (05120324)     17.18574 (05120324)     15.38209 (05120324)     13.12220 (05061324)     11.77276 (05061324)
3757069.5 |     16.34296 (05120324)     15.76521 (05120324)     14.52598 (05120324)     12.74148 (05120324)     11.30142 (05061324)
3757039.5 |     14.59027 (05120324)     14.38784 (05120324)     13.60264 (05120324)     12.29785 (05120324)     10.70602 (05061324)
3757009.5 |     13.02361 (05120324)     13.07760 (05120324)     12.64592 (05120324)     11.73878 (05120324)     10.41265 (05120324)
3756979.5 |     11.64234 (05120324)     11.85583 (05120324)     11.68711 (05120324)     11.10264 (05120324)     10.12612 (05120324)
3756949.5 |     10.98048 (07081524)     10.73722 (05120324)     10.75203 (05120324)     10.42057 (05120324)      9.73713 (05120324)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                  ***       10/26/10
                                  ***                                                                  ***       15:37:05
                                                                                                                 PAGE  36
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372592.63              372622.63              372652.63              372682.63              372712.63
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756919.5 |     10.67371 (07081524)      9.72855 (05120324)      9.86223 (05120324)      9.72043 (05120324)      9.27578 (05120324)
3756889.5 |     10.38418 (07081524)      8.95017 (07120824)      9.03350 (05120324)      9.02587 (05120324)      8.76847 (05120324)
3756859.5 |     10.11116 (07081524)      8.54758 (07120824)      8.27306 (05120324)      8.35488 (05120324)      8.23865 (05120324)
3756829.5 |      9.85239 (07081524)      8.14564 (07120824)      7.58498 (05120324)      7.72119 (05120324)      7.70569 (05120324)
3756799.5 |      9.60835 (07081524)      7.75120 (07120824)      7.32327 (07120824)      7.13233 (05120324)      7.18507 (05120324)
3756769.5 |      9.37684 (07081524)      7.37054 (07120824)      7.08408 (07120824)      6.59275 (05120324)      6.68779 (05120324)
3756739.5 |      9.15664 (07081524)      7.00723 (07120824)      6.83401 (07120824)      6.10221 (05120324)      6.22100 (05120324)
3756709.5 |      8.94553 (07081524)      6.66331 (07120824)      6.58040 (07120824)      5.97168 (07120824)      5.78848 (05120324)
3756679.5 |      8.74430 (07081524)      6.33905 (07120824)      6.32887 (07120824)      5.84031 (07120824)      5.39149 (05120324)
3756649.5 |      8.55221 (07081524)      6.03351 (07120824)      6.08317 (07120824)      5.69566 (07120824)      5.02958 (05120324)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                  ***       10/26/10
                                  ***                                                                  ***       15:37:05
                                                                                                                 PAGE  37
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT
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Site #14 – Localized $PM_{2.5}$ Concentrations

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372742.63	372772.63	372802.63	372832.63	372862.63
3758119.5	10.03801 (05052624)	9.40855 (05052624)	10.50977 (07071524)	11.26587 (07071524)	11.17105 (07071524)
3758089.5	10.49247 (05052624)	10.43871 (07071524)	11.61406 (07071524)	11.92390 (07071524)	11.30688 (07071524)
3758059.5	10.89553 (05052624)	11.79571 (07071524)	12.56120 (07071524)	12.33167 (07071524)	11.15772 (07071524)
3758029.5	11.79582 (07071524)	13.04600 (07071524)	13.28480 (07071524)	12.44443 (07071524)	10.72128 (07071524)
3757999.5	13.35075 (07071524)	14.11781 (07071524)	13.72419 (07071524)	12.23592 (07071524)	10.03147 (07071524)
3757969.5	14.78908 (07071524)	14.94234 (07071524)	13.83013 (07071524)	11.71404 (07071524)	10.58752 (07092824)
3757939.5	16.04135 (07071524)	15.45267 (07071524)	13.57977 (07071524)	11.45280 (07031824)	12.27120 (07092824)
3757909.5	17.03853 (07071524)	15.59717 (07071524)	13.00304 (07071524)	13.36493 (07092824)	13.86099 (07092824)
3757879.5	17.71039 (07071524)	15.36103 (07071524)	14.64497 (07092824)	15.25663 (07092824)	15.15116 (07092824)
3757849.5	18.00077 (07071524)	16.15885 (07092824)	16.91540 (07092824)	16.85312 (07092824)	15.99246 (07092824)
3757819.5	18.18306 (07031824)	18.91562 (07092824)	18.91115 (07092824)	17.94578 (07092824)	20.74927 (06101024)
3757789.5	21.36538 (07092824)	21.44394 (07092824)	20.96175 (06101024)	24.33289 (06101024)	26.71637 (06101024)
3757759.5	24.62455 (07092824)	25.13374 (06101024)	28.76825 (06101024)	31.04437 (06101024)	31.86580 (06101024)
3757729.5	30.50545 (06101024)	34.28044 (06101024)	36.20016 (06101024)	36.30489 (06101024)	34.91484 (06101024)
3757699.5	41.18704 (06101024)	42.33228 (06101024)	41.27586 (06101024)	38.62434 (06101024)	34.97534 (06101024)
3757669.5	49.62427 (06101024)	46.75607 (06101024)	42.44340 (06101024)	37.44685 (06101024)	32.23967 (06101024)
3757639.5	52.73650 (06101024)	46.40758 (06101024)	39.93283 (06101024)	33.59342 (06101024)	29.01759 (06052024)
3757609.5	50.85599 (06101024)	42.70585 (06101024)	35.77450 (06052024)	31.33859 (06052024)	27.99353 (05081824)
3757579.5	46.27184 (06101024)	39.00525 (06052024)	34.40213 (05081824)	31.72516 (05081824)	29.23163 (05081824)
3757549.5	43.74619 (05081824)	39.28595 (05081824)	35.39970 (05081824)	31.90864 (05081824)	28.71493 (05081824)
3757519.5	43.86791 (05081824)	38.55826 (05081824)	33.90656 (05081824)	29.76029 (05081824)	26.05253 (05081824)
3757489.5	42.09075 (05102324)	36.54134 (05102324)	32.13062 (05102324)	28.46127 (05102324)	25.29501 (05102324)
3757459.5	40.13357 (06060724)	34.71058 (06060724)	30.24456 (06060724)	26.54988 (06060724)	23.48895 (06060724)
3757429.5	40.24408 (06060724)	35.46481 (06060724)	31.41610 (06060724)	27.92634 (06060724)	24.90804 (06060724)
3757399.5	37.33015 (06060724)	33.40064 (06060724)	30.08596 (06060724)	27.19624 (06060724)	24.62604 (06060724)
3757369.5	32.93196 (06051424)	28.53306 (06060724)	26.29513 (06060724)	24.31402 (06060724)	22.50723 (06060724)
3757339.5	28.75587 (06051424)	24.99487 (06051424)	21.55631 (06051424)	20.09411 (06060724)	19.13309 (06060724)
3757309.5	23.67613 (06051424)	21.32066 (06051424)	18.95022 (06051424)	16.65953 (06051424)	15.48668 (07110724)
3757279.5	20.47888 (06051424)	18.79554 (05070424)	17.03640 (05070424)	15.16946 (06030824)	14.16598 (06030824)
3757249.5	18.11985 (06051424)	17.33100 (06051424)	16.06971 (05070424)	14.92234 (05070424)	13.53178 (05070424)
3757219.5	16.94791 (05012924)	15.48995 (06051424)	15.18001 (06051424)	14.21500 (06051424)	13.09208 (05070424)
3757189.5	15.38829 (05012924)	14.52027 (05012924)	13.43208 (06051424)	13.48061 (06051424)	12.89678 (06051424)
3757159.5	13.41738 (05012924)	13.33234 (05012924)	12.65021 (05012924)	11.73048 (06051424)	12.03089 (06051424)
3757129.5	11.82802 (05040924)	11.77215 (05012924)	11.70972 (05012924)	11.16693 (05012924)	10.62314 (05082324)
3757099.5	10.54737 (05040924)	10.25676 (05040924)	10.43887 (05012924)	10.39771 (05012924)	9.96282 (05012924)
3757069.5	9.94617 (05061324)	9.26596 (05040924)	9.00805 (05012924)	9.33750 (05012924)	9.31577 (05012924)
3757039.5	9.71838 (05061324)	8.45188 (05061324)	8.22201 (05040924)	8.12883 (05012924)	8.41415 (05012924)
3757009.5	9.36564 (05061324)	8.38001 (05061324)	7.44527 (05040924)	7.35806 (05040924)	7.37936 (05012924)
3756979.5	8.92693 (05061324)	8.19163 (05061324)	7.25694 (05061324)	6.72137 (05040924)	6.63295 (05040924)
3756949.5	8.72125 (05120324)	7.91743 (05061324)	7.26894 (07021324)	6.31925 (07021324)	6.33513 (06071724)

*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5 *** *** 10/26/10
*** 15:37:05
PAGE 38

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372742.63	372772.63	372802.63	372832.63	372862.63
3756919.5	8.52426 (05120324)	7.57642 (05061324)	7.14640 (07021324)	6.45502 (07021324)	5.92346 (06071724)
3756889.5	8.24061 (05120324)	7.44269 (05120324)	6.89217 (07021324)	6.45061 (07021324)	5.71885 (07021324)
3756859.5	7.89283 (05120324)	7.30074 (05120324)	6.53282 (07021324)	6.32118 (07021324)	5.79885 (07021324)
3756829.5	7.50329 (05120324)	7.08577 (05120324)	6.44651 (05120324)	6.08714 (07021324)	5.76441 (07021324)
3756799.5	7.09088 (05120324)	6.81629 (05120324)	6.33987 (05120324)	5.77147 (07021324)	5.62950 (07021324)
3756769.5	6.67142 (05120324)	6.50964 (05120324)	6.17238 (05120324)	5.65156 (05120324)	5.41272 (07021324)
3756739.5	6.25770 (05120324)	6.18146 (05120324)	5.95855 (05120324)	5.56860 (05120324)	5.13369 (07021324)
3756709.5	5.85909 (05120324)	5.84481 (05120324)	5.71248 (05120324)	5.43494 (05120324)	5.00942 (05081524)
3756679.5	5.48138 (05120324)	5.50980 (05120324)	5.44674 (05120324)	5.26216 (05120324)	5.02203 (05081524)
3756649.5	5.12822 (05120324)	5.18413 (05120324)	5.17198 (05120324)	5.06148 (05120324)	4.94865 (05081524)

*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5 *** *** 10/26/10
*** 15:37:05
PAGE 39

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372892.63	372922.63	372952.63	372982.63	373012.63
3758119.5	10.25476 (07071524)	8.72879 (07071524)	6.92592 (07071524)	7.09932 (07092824)	7.69156 (07092824)
3758089.5	9.90837 (07071524)	8.05363 (07071524)	7.50466 (07031824)	8.14606 (07092824)	8.57285 (07092824)
3758059.5	9.32122 (07071524)	8.01414 (07031824)	8.65233 (07092824)	9.14228 (07092824)	9.29528 (07092824)
3758029.5	8.57151 (07031824)	9.22015 (07092824)	9.78174 (07092824)	9.98265 (07092824)	9.77739 (07092824)
3757999.5	9.86034 (07092824)	10.50428 (07092824)	10.76112 (07092824)	10.56735 (07092824)	9.99370 (07092824)
3757969.5	11.32686 (07092824)	11.64969 (07092824)	11.47035 (07092824)	10.85839 (07092824)	10.56718 (06101024)
3757939.5	12.67242 (07092824)	12.51169 (07092824)	11.85446 (07092824)	11.91501 (06101024)	13.65496 (06101024)
3757909.5	13.72404 (07092824)	13.01256 (07092824)	13.52771 (06101024)	15.42825 (06101024)	16.90162 (06101024)
3757879.5	14.37331 (07092824)	15.47394 (06101024)	17.54083 (06101024)	19.06614 (06101024)	19.98300 (06101024)
3757849.5	17.84347 (06101024)	20.06730 (06101024)	21.59643 (06101024)	22.37884 (06101024)	22.44962 (06101024)
3757819.5	23.09328 (06101024)	24.54337 (06101024)	25.07998 (06101024)	24.78134 (06101024)	23.78338 (06101024)
3757789.5	27.95427 (06101024)	28.08607 (06101024)	27.26215 (06101024)	25.68205 (06101024)	23.57402 (06101024)
3757759.5	31.37907 (06101024)	29.83558 (06101024)	27.52658 (06101024)	24.75201 (06101024)	21.77916 (06101024)
3757729.5	32.42974 (06101024)	29.25295 (06101024)	25.74130 (06101024)	22.18035 (06101024)	18.81566 (06052024)
3757699.5	30.82020 (06101024)	26.52781 (06101024)	22.36648 (06101024)	20.30118 (06052024)	18.44286 (06052024)
3757669.5	27.13038 (06101024)	24.05549 (06052024)	21.63100 (06052024)	19.29343 (06052024)	18.73838 (05081824)
3757639.5	25.78470 (06052024)	23.11169 (05081824)	22.20511 (05081824)	21.19659 (05081824)	20.11695 (05081824)
3757609.5	26.36583 (05081824)	24.73734 (05081824)	23.11591 (05081824)	21.51395 (05081824)	19.94442 (05081824)
3757579.5	26.87606 (05081824)	24.63686 (05081824)	22.50934 (05081824)	20.49697 (05081824)	18.60705 (05081824)

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3757549.5 |     25.77183 (05081824)     23.06339 (05081824)     20.58047 (05081824)     18.32050 (05081824)     16.70644 (06050424)
3757519.5 |     22.75058 (05081824)     20.43850 (05102324)     18.45006 (05102324)     16.75925 (06050424)     15.42197 (06050424)
3757489.5 |     22.51195 (05102324)     20.05262 (05102324)     17.88607 (05102324)     15.98687 (05102324)     14.33116 (05102324)
3757459.5 |     21.30921 (07051524)     19.53510 (07051524)     17.97678 (07051524)     16.59793 (07051524)     15.37135 (07051524)
3757429.5 |     22.30307 (06060724)     20.06223 (06060724)     18.13688 (06060724)     16.83586 (07051524)     15.73458 (07051524)
3757399.5 |     22.32202 (06060724)     20.25699 (06060724)     18.41688 (06060724)     16.78997 (06060724)     15.35886 (06060724)
3757369.5 |     20.82602 (06060724)     19.24648 (06060724)     17.76452 (06060724)     16.38446 (06060724)     15.11311 (06060724)
3757339.5 |     18.17377 (06060724)     17.20940 (06060724)     16.23994 (06060724)     15.27222 (06060724)     14.31843 (06060724)
3757309.5 |     14.96288 (07110724)     14.40081 (06060724)     13.96353 (06060724)     13.46358 (06060724)     12.91114 (06060724)
3757279.5 |     13.06319 (06030824)     12.49747 (07110724)     12.32035 (07110724)     12.05320 (07110724)     11.71513 (07110724)
3757249.5 |     12.56105 (05070224)     11.69783 (05070224)     10.70784 (05070224)     10.20762 (07110724)     10.25496 (07110724)
3757219.5 |     12.07473 (05070424)     11.41197 (05070224)     10.88640 (05070224)     10.18112 (05070224)      9.35481 (05070224)
3757189.5 |     11.86543 (06051424)     10.80463 (05070424)     10.22361 (05070224)     10.00201 (05070224)      9.57251 (05070224)
3757159.5 |     11.76106 (06051424)     11.03543 (06051424)     10.00627 (06051424)      9.02593 (05070224)      9.05298 (05070224)
3757129.5 |     10.75419 (06051424)     10.72938 (06051424)     10.27197 (06051424)      9.48995 (06051424)      8.50086 (06051424)
3757099.5 |      9.70373 (05082324)      9.61798 (06051424)      9.77638 (06051424)      9.54177 (06051424)      8.98483 (06051424)
3757069.5 |      8.96683 (05012924)      8.88830 (05082324)      8.90560 (05082324)      8.89406 (06051424)      8.83802 (06051424)
3757039.5 |      8.40976 (05012924)      8.12995 (05012924)      8.16062 (05082324)      8.27932 (05082324)      8.08029 (06051424)
3757009.5 |      7.63109 (05012924)      7.64163 (05012924)      7.41730 (05012924)      7.50837 (05082324)      7.70409 (05082324)
3756979.5 |      6.90353 (07092724)      6.96048 (05012924)      6.98319 (05012924)      6.80329 (05012924)      6.92179 (05082324)
3756949.5 |      6.31956 (07092724)      6.51662 (07092724)      6.38139 (05012924)      6.41347 (05012924)      6.26922 (05012924)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                    ***       10/26/10
                                  ***                                                                    ***       15:37:05
                                                                                                                   PAGE  40

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372892.63              372922.63              372952.63              372982.63              373012.63
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756919.5 |      5.97758 (06071724)      6.04739 (07092724)      6.16117 (07092724)      5.87729 (05012924)      5.91659 (05012924)
3756889.5 |      5.70944 (06071724)      5.61650 (06071724)      5.79553 (07092724)      5.83164 (07092724)      5.43597 (05012924)
3756859.5 |      5.51160 (07090824)      5.47682 (06071724)      5.25646 (06071724)      5.55799 (07092724)      5.52414 (07092724)
3756829.5 |      5.40609 (07090824)      5.39513 (07090824)      5.22872 (06071724)      4.97005 (07092724)      5.33119 (07092724)
3756799.5 |      5.23658 (07021324)      5.40654 (07090824)      5.22633 (07090824)      4.96912 (06071724)      4.83034 (07092724)
3756769.5 |      5.17900 (07021324)      5.19573 (07090824)      5.35081 (07090824)      5.01226 (07090824)      4.70198 (06071724)
3756739.5 |      5.04180 (07021324)      4.79823 (07090824)      5.24927 (07090824)      5.24213 (07090824)      4.76093 (07090824)
3756709.5 |      4.84111 (07021324)      4.67413 (07021324)      4.94779 (07090824)      5.24956 (07090824)      5.08576 (07090824)
3756679.5 |      4.59402 (07021324)      4.53765 (07021324)      4.48424 (07090824)      5.04831 (07090824)      5.19742 (07090824)
3756649.5 |      4.58687 (05081524)      4.35264 (07021324)      4.23502 (07021324)      4.67016 (07090824)      5.09847 (07090824)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                    ***       10/26/10
                                  ***                                                                    ***       15:37:05
                                                                                                                   PAGE  41

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373042.63              373072.63              373102.63              373132.63              373162.63
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758119.5 |      8.06199 (07092824)      8.13703 (07092824)      7.90903 (07092824)      7.44397 (07092824)      6.83445 (07092824)
3758089.5 |      8.68384 (07092824)      8.46167 (07092824)      7.97395 (07092824)      7.32295 (07092824)      8.04075 (06101024)
3758059.5 |      9.08050 (07092824)      8.56753 (07092824)      7.86985 (07092824)      8.85648 (06101024)      9.92466 (06101024)
3758029.5 |      9.23572 (07092824)      8.48501 (07092824)      9.79570 (06101024)     10.94056 (06101024)     11.84067 (06101024)
3757999.5 |      9.42942 (06101024)     10.88505 (06101024)     12.11210 (06101024)     13.05159 (06101024)     13.68275 (06101024)
3757969.5 |     12.15751 (06101024)     13.46999 (06101024)     14.44190 (06101024)     15.05403 (06101024)     15.32006 (06101024)
3757939.5 |     15.05227 (06101024)     16.04102 (06101024)     16.60541 (06101024)     16.76798 (06101024)     16.57275 (06101024)
3757909.5 |     17.87843 (06101024)     18.35175 (06101024)     18.35599 (06101024)     17.95161 (06101024)     17.21209 (06101024)
3757879.5 |     20.30067 (06101024)     20.07341 (06101024)     19.38497 (06101024)     18.33423 (06101024)     17.02766 (06101024)
3757849.5 |     21.89551 (06101024)     20.83403 (06101024)     19.39972 (06101024)     17.72856 (06101024)     15.94562 (06101024)
3757819.5 |     22.24979 (06101024)     20.35861 (06101024)     18.28128 (06101024)     16.15790 (06101024)     14.08993 (06101024)
3757789.5 |     21.16474 (06101024)     18.65200 (06101024)     16.18438 (06101024)     14.13135 (06052024)     13.23392 (06052024)
3757759.5 |     18.81921 (06101024)     16.21078 (06052024)     15.08815 (06052024)     13.93638 (06052024)     12.79002 (06052024)
3757729.5 |     17.39107 (06052024)     15.93964 (06052024)     14.50802 (06052024)     13.73352 (05090224)     13.32699 (05090224)
3757699.5 |     16.62909 (06052024)     15.80769 (05081824)     15.57658 (05081824)     15.22378 (05081824)     14.77346 (05081824)
3757669.5 |     18.18831 (05081824)     17.52681 (05081824)     16.78226 (05081824)     15.98009 (05081824)     15.14227 (05081824)
3757639.5 |     18.99202 (05081824)     17.84589 (05081824)     16.69863 (05081824)     15.56742 (05081824)     14.46592 (05081824)
3757609.5 |     18.42236 (05081824)     16.95981 (05081824)     15.56731 (05081824)     14.25199 (05081824)     13.01710 (05081824)
3757579.5 |     16.84496 (05081824)     15.21305 (05081824)     13.89893 (06050424)     13.08125 (06050424)     12.34508 (06050424)
3757549.5 |     15.50051 (06050424)     14.43552 (06050424)     13.48427 (06050424)     12.62699 (06050424)     11.84772 (06050424)
3757519.5 |     14.24119 (06050424)     13.18717 (06050424)     12.23848 (06050424)     11.37843 (06050424)     10.59536 (06050424)
3757489.5 |     12.91585 (07051524)     11.97310 (07051524)     11.14001 (07051524)     10.39958 (07051524)      9.73831 (07051524)
3757459.5 |     14.27547 (07051524)     13.29294 (07051524)     12.40940 (07051524)     11.61217 (07051524)     10.89103 (07051524)
3757429.5 |     14.73059 (07051524)     13.81233 (07051524)     12.97083 (07051524)     12.19828 (07051524)     11.48849 (07051524)
3757399.5 |     14.10349 (06060724)     13.31867 (07051524)     12.61090 (07051524)     11.95081 (07051524)     11.33441 (07051524)
3757369.5 |     13.95521 (06060724)     12.91059 (06060724)     11.97498 (06060724)     11.13987 (06060724)     10.40755 (07051524)
3757339.5 |     13.39305 (06060724)     12.51040 (06060724)     11.68180 (06060724)     10.91467 (06060724)     10.21232 (06060724)
3757309.5 |     12.31984 (06060724)     11.70463 (06060724)     11.08036 (06060724)     10.46340 (06060724)      9.86560 (06060724)
3757279.5 |     11.31730 (07110724)     10.86734 (07110724)     10.37145 (07110724)      9.83669 (07110724)      9.27166 (07110724)
3757249.5 |     10.19268 (07110724)     10.04177 (07110724)      9.81659 (07110724)      9.52887 (07110724)      9.18724 (07110724)
3757219.5 |      8.46058 (05070224)      8.59264 (07110724)      8.67106 (07110724)      8.65673 (07110724)      8.56282 (07110724)
3757189.5 |      8.98464 (05070224)      8.28845 (05070224)      7.53019 (05070224)      7.23446 (07110724)      7.40437 (07110724)
3757159.5 |      8.86740 (05070224)      8.50685 (05070224)      8.01074 (05070224)      7.42077 (05070224)      6.77350 (05070224)
3757129.5 |      8.07972 (05070224)      8.09330 (05070224)      7.93144 (05070224)      7.62296 (05070224)      7.20055 (05070224)
3757099.5 |      8.19516 (06051424)      7.26165 (06051424)      7.28980 (05070224)      7.29024 (05070224)      7.14552 (05070224)
3757069.5 |      8.47630 (06051424)      7.87315 (06051424)      7.10043 (06051424)      6.49537 (05070224)      6.61917 (05070224)
3757039.5 |      8.16240 (06051424)      7.96437 (06051424)      7.52872 (06051424)      6.90949 (06051424)      6.16749 (06051424)
3757009.5 |      7.53359 (05082324)      7.51858 (06051424)      7.45445 (06051424)      7.16465 (06051424)      6.68739 (06051424)
3756979.5 |      7.17506 (05082324)      7.09934 (05082324)      6.91071 (06051424)      6.95282 (06051424)      6.78684 (06051424)
3756949.5 |      6.39268 (05082324)      6.68793 (05082324)      6.68919 (05082324)      6.41490 (05082324)      6.46530 (06051424)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                    ***       10/26/10
                                  ***                                                                    ***       15:37:05
                                                                                                                   PAGE  42

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,
```

Site #14 – Localized $PM_{2.5}$ Concentrations

```
                              *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                   ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                                X-COORD (METERS)
 (METERS) |       373042.63              373072.63              373102.63              373132.63              373162.63
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3756919.5 |      5.80107 (05012924)      5.91421 (05082324)      6.23939 (05082324)      6.30247 (05082324)      6.11194 (05082324)
3756889.5 |      5.48005 (05012924)      5.38753 (05012924)      5.48109 (05082324)      5.82618 (05082324)      5.93842 (05082324)
3756859.5 |      5.04677 (05012924)      5.09425 (05012924)      5.01995 (05012924)      5.08815 (05082324)      5.44529 (05082324)
3756829.5 |      5.23605 (07092724)      4.73381 (07092724)      4.75113 (05012924)      4.69150 (05012924)      4.73087 (05082324)
3756799.5 |      5.11349 (07092724)      4.96539 (07092724)      4.45281 (07092724)      4.44443 (05012924)      4.39660 (05012924)
3756769.5 |      4.69352 (07092724)      4.90377 (07092724)      4.71072 (07092724)      4.19184 (07092724)      4.16900 (05012924)
3756739.5 |      4.43131 (06071724)      4.55796 (07092724)      4.70167 (07092724)      4.47038 (07092724)      3.94862 (07092724)
3756709.5 |      4.48107 (07090824)      4.16026 (06071724)      4.42307 (07092724)      4.50650 (07092724)      4.24369 (07092724)
3756679.5 |      4.88717 (07090824)      4.23317 (06071724)      3.93045 (07092724)      4.28895 (07092724)      4.31813 (07092724)
3756649.5 |      5.09634 (07090824)      4.65432 (07090824)      4.02532 (06071724)      3.85882 (07092724)      4.15566 (07092724)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                  ***        10/26/10
                                  ***                                                                  ***        15:37:05
                                                                                                                  PAGE  43
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                   ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372149.67   3757202.57       33.94385  (06123024)               372200.97   3757196.42       38.34594  (05120824)
       372734.43   3757083.57       10.44637  (05061324)               372746.74   3757147.17       12.61485  (05012924)
       372767.26   3757192.31       14.82246  (05012924)               372894.46   3757118.45       10.21430  (06051424)
       372371.27   3757725.77       34.61690  (06090524)
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                  ***        10/26/10
                                  ***                                                                  ***        15:37:05
                                                                                                                  PAGE  44
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

                               *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER   3 YEARS ***


                                    ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

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

ALL      1ST HIGHEST VALUE IS     207.95578 AT (  372472.63,  3757459.46,    10.00,    10.00,    0.00)  GC  UCART1
         2ND HIGHEST VALUE IS     207.34234 AT (  372472.63,  3757489.46,    10.00,    10.00,    0.00)  GC  UCART1
         3RD HIGHEST VALUE IS     206.02425 AT (  372502.63,  3757489.46,    10.00,    10.00,    0.00)  GC  UCART1
         4TH HIGHEST VALUE IS     205.87548 AT (  372442.63,  3757459.46,    10.00,    10.00,    0.00)  GC  UCART1
         5TH HIGHEST VALUE IS     205.17198 AT (  372502.63,  3757459.46,    10.00,    10.00,    0.00)  GC  UCART1
         6TH HIGHEST VALUE IS     204.54669 AT (  372472.63,  3757429.46,    10.00,    10.00,    0.00)  GC  UCART1
         7TH HIGHEST VALUE IS     204.06914 AT (  372442.63,  3757429.46,    10.00,    10.00,    0.00)  GC  UCART1
         8TH HIGHEST VALUE IS     203.86094 AT (  372442.63,  3757489.46,    10.00,    10.00,    0.00)  GC  UCART1
         9TH HIGHEST VALUE IS     202.38516 AT (  372502.63,  3757519.46,    10.00,    10.00,    0.00)  GC  UCART1
        10TH HIGHEST VALUE IS     201.79969 AT (  372472.63,  3757519.46,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                  ***        10/26/10
                                  ***                                                                  ***        15:37:05
                                                                                                                  PAGE  45
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

                                        *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***


                                    ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

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

ALL      HIGH  1ST HIGH VALUE IS     307.56247  ON 05120824: AT (  372412.63,  3757399.46,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
*** AERMOD - VERSION 09292 ***    *** Site 14 - PM2.5                                                  ***        10/26/10
                                  ***                                                                  ***        15:37:05
                                                                                                                  PAGE  46
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            0 Warning Message(s)
 A Total of          152 Informational Message(s)

 A Total of        26280 Hours Were Processed

 A Total of           15 Calm Hours Identified

 A Total of          137 Missing Hours Identified (  0.52 Percent)


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

```
********   WARNING MESSAGES   ********
           ***   NONE  ***


***********************************
*** AERMOD Finishes Successfully ***
***********************************
```

Site #15 – Localized CO Concentrations

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.5.0
** Lakes Environmental Software Inc.
** Date: 6/29/2010
** File: C:\Documents and Settings\ssilverman\Desktop\Site 15\CO.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Site 15 - CO
   MODELOPT  CONC NODRYDPLT NOWETDPLT FLAT
   AVERTIME 1 8
   POLLUTID CO
   RUNORNOT RUN
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION AREA1 AREA 372695.400 3757574.990 0.0
** DESCRSRC Exhuast
** Source Parameters **
   SRCPARAM AREA1 0.00001353 4.100 135.440 299.009 0.000
   CONCUNIT 873.2 GRAMS/SEC PPM
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                  XYINC 371970.44 50 30.00 3756971.30 50 30.00
   GRIDCART UCART1 END
** DESCRREC "" ""
   DISCCART    372922.94   3757605.69
   DISCCART    372861.54   3757481.08
   DISCCART    372438.96   3757746.55
   DISCCART    372431.74   3757838.64
   DISCCART    372435.35   3757928.94
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
   PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   PROFBASE 10 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST CO.AD\01H1GALL.PLT
   PLOTFILE 8 ALL 1ST CO.AD\08H1GALL.PLT
OU FINISHED

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

 *** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                    ***        06/29/10
                                   ***                                                                 ***        11:46:58
                                                                                                               PAGE   1
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses RURAL Dispersion Only.

 **Model Allows User-Specified Options:
        1. Stack-tip Downwash.
        2. Model Assumes Receptors on FLAT Terrain.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
```

Site #15 – Localized CO Concentrations

```
**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

**This Run Includes:      1 Source(s);       1 Source Group(s); and    2505 Receptor(s)

**The Model Assumes A Pollutant Type of:  CO

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

**Output Options Selected:
        Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
        Model Outputs External File(s) of High Values for Plotting (PLOTFILE 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) =    10.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                           ;  Emission Rate Unit Factor =    873.20
                 Output Units   = PPM

**Approximate Storage Requirements of Model =      3.9 MB of RAM.

*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***        06/29/10
                                  ***                                                                       ***        11:46:58
                                                                                                                       PAGE   2
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                                  *** AREA SOURCE DATA ***

            NUMBER EMISSION RATE  COORD (SW CORNER)  BASE     RELEASE  X-DIM     Y-DIM    ORIENT.    INIT.   URBAN  EMISSION RATE
   SOURCE     PART. (USER UNITS      X         Y     ELEV.    HEIGHT  OF AREA   OF AREA   OF AREA     SZ     SOURCE  SCALAR VARY
     ID       CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS) (METERS)  (METERS)   (DEG.)  (METERS)             BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  AREA1         0   0.13530E-04  372695.4 3757575.0    10.0     4.10    135.44    299.01      0.00     0.00     NO
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***        06/29/10
                                  ***                                                                       ***        11:46:58
                                                                                                                       PAGE   3
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                               *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                            SOURCE IDs


 ALL       AREA1   ,
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***        06/29/10
                                  ***                                                                       ***        11:46:58
                                                                                                                       PAGE   4
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                        *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                           *** X-COORDINATES OF GRID ***
                                                    (METERS)

      371970.4,  372000.4,  372030.4,  372060.4,  372090.4,  372120.4,  372150.4,  372180.4,  372210.4,  372240.4,
      372270.4,  372300.4,  372330.4,  372360.4,  372390.4,  372420.4,  372450.4,  372480.4,  372510.4,  372540.4,
      372570.4,  372600.4,  372630.4,  372660.4,  372690.4,  372720.4,  372750.4,  372780.4,  372810.4,  372840.4,
      372870.4,  372900.4,  372930.4,  372960.4,  372990.4,  373020.4,  373050.4,  373080.4,  373110.4,  373140.4,
      373170.4,  373200.4,  373230.4,  373260.4,  373290.4,  373320.4,  373350.4,  373380.4,  373410.4,  373440.4,


                                           *** Y-COORDINATES OF GRID ***
                                                    (METERS)

     3756971.3, 3757001.3, 3757031.3, 3757061.3, 3757091.3, 3757121.3, 3757151.3, 3757181.3, 3757211.3, 3757241.3,
     3757271.3, 3757301.3, 3757331.3, 3757361.3, 3757391.3, 3757421.3, 3757451.3, 3757481.3, 3757511.3, 3757541.3,
     3757571.3, 3757601.3, 3757631.3, 3757661.3, 3757691.3, 3757721.3, 3757751.3, 3757781.3, 3757811.3, 3757841.3,
     3757871.3, 3757901.3, 3757931.3, 3757961.3, 3757991.3, 3758021.3, 3758051.3, 3758081.3, 3758111.3, 3758141.3,
     3758171.3, 3758201.3, 3758231.3, 3758261.3, 3758291.3, 3758321.3, 3758351.3, 3758381.3, 3758411.3, 3758441.3,

*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***        06/29/10
                                  ***                                                                       ***        11:46:58
                                                                                                                       PAGE   5
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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

    ( 372922.9, 3757605.7,      10.0,      10.0,       0.0);        ( 372861.5, 3757481.1,      10.0,      10.0,       0.0);
    ( 372439.0, 3757746.5,      10.0,      10.0,       0.0);        ( 372431.7, 3757838.6,      10.0,      10.0,       0.0);
    ( 372435.3, 3757928.9,      10.0,      10.0,       0.0);
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***        06/29/10
                                  ***                                                                       ***        11:46:58
                                                                                                                       PAGE   6
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                          *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                      (1=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
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Site #15 – Localized CO Concentrations

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

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

1.54, 3.09, 5.14, 8.23, 10.80,

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

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

Surface file: L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC Met Version: 06341
Profile file: L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 0 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2005 Year: 2005

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
05	01	01	1	01	-3.3	0.062	-9.000	-9.000	-999.	35.	6.5	0.26	1.00	1.00	1.10	52.	9.1	282.5	5.5
05	01	01	1	02	-3.9	0.073	-9.000	-9.000	-999.	45.	8.9	0.26	1.00	1.00	1.30	51.	9.1	282.0	5.5
05	01	01	1	03	-2.7	0.056	-9.000	-9.000	-999.	30.	5.9	0.26	1.00	1.00	1.00	48.	9.1	281.4	5.5
05	01	01	1	04	-2.3	0.056	-9.000	-9.000	-999.	30.	6.8	0.26	1.00	1.00	1.00	52.	9.1	280.9	5.5
05	01	01	1	05	-2.8	0.062	-9.000	-9.000	-999.	35.	7.5	0.26	1.00	1.00	1.10	62.	9.1	281.4	5.5
05	01	01	1	06	-5.3	0.078	-9.000	-9.000	-999.	51.	8.2	0.26	1.00	1.00	1.40	64.	9.1	280.9	5.5
05	01	01	1	07	-3.9	0.067	-9.000	-9.000	-999.	40.	7.0	0.26	1.00	1.00	1.20	55.	9.1	280.4	5.5
05	01	01	1	08	-4.9	0.078	-9.000	-9.000	-999.	51.	8.8	0.26	1.00	0.53	1.40	76.	9.1	280.9	5.5
05	01	01	1	09	45.2	0.282	0.524	0.005	115.	344.	-44.6	0.26	1.00	0.30	2.20	78.	9.1	283.1	5.5
05	01	01	1	10	114.4	0.293	1.397	0.005	862.	365.	-19.9	0.26	1.00	0.22	2.10	83.	9.1	284.9	5.5
05	01	01	1	11	139.9	0.299	1.673	0.010	1212.	376.	-17.3	0.26	1.00	0.19	2.10	80.	9.1	287.0	5.5
05	01	01	1	12	15.0	0.122	0.797	0.010	1215.	125.	-10.8	0.26	1.00	0.18	0.80	30.	9.1	287.0	5.5
05	01	01	1	13	28.1	0.223	0.983	0.010	1221.	241.	-35.4	0.26	1.00	0.18	1.70	184.	9.1	287.0	5.5
05	01	01	1	14	17.9	0.256	0.847	0.009	1225.	298.	-84.4	0.26	1.00	0.19	2.10	201.	9.1	287.0	5.5
05	01	01	1	15	4.2	0.231	0.521	0.009	1226.	256.	-268.6	0.26	1.00	0.22	2.00	205.	9.1	286.4	5.5
05	01	01	1	16	0.1	0.180	0.151	0.009	1226.	176.	-5231.4	0.26	1.00	0.31	1.60	211.	9.1	286.4	5.5
05	01	01	1	17	-1.7	0.045	-9.000	-9.000	-999.	46.	4.9	0.26	1.00	0.57	0.80	216.	9.1	285.9	5.5
05	01	01	1	18	-0.6	0.028	-9.000	-9.000	-999.	11.	3.4	0.26	1.00	1.00	0.50	38.	9.1	285.4	5.5
05	01	01	1	19	-0.4	0.022	-9.000	-9.000	-999.	8.	2.8	0.26	1.00	1.00	0.40	261.	9.1	284.9	5.5
05	01	01	1	20	-0.4	0.022	-9.000	-9.000	-999.	8.	2.8	0.26	1.00	1.00	0.40	337.	9.1	284.9	5.5
05	01	01	1	21	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.9	5.5
05	01	01	1	22	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	360.	9.1	284.9	5.5
05	01	01	1	23	-1.9	0.050	-9.000	-9.000	-999.	26.	6.2	0.26	1.00	1.00	0.90	46.	9.1	284.2	5.5
05	01	01	1	24	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.2	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
05	01	01	01	5.5	0	-999.	-99.00	282.6	99.0	-99.00	-99.00
05	01	01	01	9.1	1	52.	1.10	-999.0	99.0	-99.00	-99.00

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

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 371970.44	372000.44	372030.44	372060.44	372090.44
3758441.3	0.45982 (07090105)	0.46736 (07062201)	0.46483 (07062201)	0.46493 (05082506)	0.48853 (05102724)
3758411.3	0.47789 (06071402)	0.46654 (07090105)	0.47442 (07062201)	0.47293 (07062201)	0.47319 (05082506)
3758381.3	0.47745 (06071402)	0.47641 (06071402)	0.47272 (07090105)	0.48097 (07062201)	0.48056 (07062201)
3758351.3	0.45779 (06071402)	0.47242 (06071402)	0.47316 (06071402)	0.47818 (07090105)	0.48684 (07062201)
3758321.3	0.42067 (06071402)	0.44974 (06071402)	0.46574 (06071402)	0.46802 (06071402)	0.48275 (07090105)
3758291.3	0.39974 (06110122)	0.40995 (06071402)	0.44023 (06071402)	0.45737 (06071402)	0.46343 (07090105)
3758261.3	0.43210 (06110122)	0.41814 (06110122)	0.42119 (06092404)	0.43281 (06111621)	0.44721 (06071402)
3758231.3	0.44472 (06110122)	0.44273 (06110122)	0.43314 (06110122)	0.43488 (06092404)	0.44776 (06111621)
3758201.3	0.45670 (07072706)	0.45619 (07072706)	0.44973 (06110122)	0.44428 (06110122)	0.44761 (06092404)
3758171.3	0.45659 (07072706)	0.46686 (07072706)	0.47110 (07072706)	0.46884 (07072706)	0.45940 (07072706)
3758141.3	0.43857 (07072706)	0.45868 (07072706)	0.47325 (07072706)	0.48194 (07072706)	0.48449 (07072706)
3758111.3	0.42174 (06062903)	0.43310 (07072706)	0.45737 (07072706)	0.47595 (07072706)	0.48876 (07072706)
3758081.3	0.42318 (06090102)	0.42046 (06090102)	0.42694 (06062903)	0.45261 (07072706)	0.47526 (07072706)
3758051.3	0.42286 (06090102)	0.42569 (06090102)	0.43050 (07090203)	0.43722 (07090203)	0.44446 (07072706)
3758021.3	0.40912 (06090102)	0.41790 (06090102)	0.42913 (07090203)	0.44315 (07090203)	0.45458 (07090203)
3757991.3	0.40714 (05092123)	0.41815 (05092123)	0.42754 (05092123)	0.43525 (05092123)	0.44987 (07090203)
3757961.3	0.41082 (06120524)	0.41590 (06090305)	0.42545 (05092123)	0.43879 (05092123)	0.45055 (05092123)
3757931.3	0.42291 (05020723)	0.42293 (05020723)	0.42792 (06090305)	0.43871 (06090305)	0.44847 (06090305)
3757901.3	0.42473 (05020723)	0.42709 (05020723)	0.42836 (05020723)	0.43214 (06070724)	0.44580 (06090305)
3757871.3	0.41510 (05020723)	0.42284 (07012323)	0.43133 (07012323)	0.43953 (07012323)	0.44770 (06070724)
3757841.3	0.40884 (07012323)	0.42032 (07012323)	0.43151 (07012323)	0.44237 (07012323)	0.45286 (07012323)
3757811.3	0.41030 (07101207)	0.41486 (07101207)	0.42398 (06121320)	0.43484 (06121320)	0.44553 (06121320)
3757781.3	0.43050 (07101207)	0.43500 (07101207)	0.43925 (07101207)	0.44320 (07101207)	0.44678 (07101207)
3757751.3	0.43589 (07101207)	0.44046 (07101207)	0.44471 (07101207)	0.44858 (07101207)	0.45199 (07101207)
3757721.3	0.42932 (07101207)	0.43467 (07101207)	0.43969 (07101207)	0.44430 (07101207)	0.44923 (06041122)
3757691.3	0.42045 (05062906)	0.42858 (05062906)	0.43671 (05062906)	0.44484 (05062906)	0.45292 (05062906)
3757661.3	0.41778 (05062906)	0.42533 (05062906)	0.43297 (05062906)	0.44707 (06020819)	0.46406 (06020819)
3757631.3	0.43315 (06020819)	0.44816 (06020819)	0.46306 (06020819)	0.47767 (06020819)	0.49183 (06020819)
3757601.3	0.45317 (06020819)	0.46554 (06020819)	0.47757 (06020819)	0.48914 (06020819)	0.50014 (06020819)
3757571.3	0.45492 (06020819)	0.46411 (06020819)	0.47279 (06020819)	0.48088 (06020819)	0.48838 (06020819)
3757541.3	0.43786 (06020819)	0.44337 (06020819)	0.44819 (06020819)	0.45235 (06020819)	0.45577 (06020819)
3757511.3	0.41128 (07110907)	0.42085 (07110907)	0.43149 (07122906)	0.44130 (07122906)	0.45211 (07012321)
3757481.3	0.41024 (07012823)	0.42007 (07012321)	0.43381 (07012321)	0.44597 (07012321)	0.45646 (07012321)
3757451.3	0.42384 (05083124)	0.42950 (07040401)	0.43860 (07040401)	0.44454 (07040401)	0.45471 (05051905)
3757421.3	0.44060 (05083124)	0.44132 (07040401)	0.44476 (07040401)	0.44566 (07040401)	0.45864 (07042502)
3757391.3	0.44436 (05083124)	0.43936 (07040401)	0.43728 (07040401)	0.44503 (05042623)	0.45891 (05042623)
3757361.3	0.43475 (05083124)	0.42736 (05062904)	0.43479 (05042623)	0.44379 (05042623)	0.45197 (07071204)
3757331.3	0.43130 (05062904)	0.43567 (05062904)	0.43575 (05062904)	0.43938 (07081224)	0.45477 (07081224)

Site #15 – Localized CO Concentrations

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3757301.3 |      0.43228 (05062904)      0.43131 (06111722)      0.43690 (05043001)      0.44264 (05043001)      0.45724 (07041703)
3757271.3 |      0.43018 (05043001)      0.43910 (05043001)      0.44183 (05043001)      0.44239 (07041703)      0.45184 (07081724)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                ***       06/29/10
                                  ***                                                                             ***       11:46:58
                                                                                                                            PAGE   9
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                                X-COORD (METERS)
 (METERS) |       371970.44              372000.44              372030.44              372060.44              372090.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.43800 (05043001)      0.43726 (05043001)      0.42992 (05043001)      0.43745 (07081724)      0.44959 (06092403)
3757211.3 |      0.42878 (05043001)      0.41716 (05043001)      0.42312 (06092403)      0.44681 (05011420)      0.47783 (05091105)
3757181.3 |      0.40034 (05043001)      0.42345 (05011420)      0.44877 (05011420)      0.47584 (05091105)      0.49266 (05091105)
3757151.3 |      0.42648 (05011420)      0.44916 (05011420)      0.47252 (05091105)      0.48647 (05091105)      0.48738 (05091105)
3757121.3 |      0.44803 (05011420)      0.46799 (05091105)      0.47890 (05091105)      0.47677 (05091105)      0.48104 (07092604)
3757091.3 |      0.46228 (05091105)      0.47018 (05091105)      0.47150 (07091205)      0.47967 (07091205)      0.48140 (07081202)
3757061.3 |      0.46040 (05091105)      0.47701 (07091205)      0.48443 (07091205)      0.48654 (07081202)      0.48608 (05121721)
3757031.3 |      0.48127 (07091205)      0.48770 (07091205)      0.49022 (07081202)      0.48377 (06090101)      0.50000 (05121721)
3757001.3 |      0.48959 (07091205)      0.49249 (07081202)      0.48547 (06090101)      0.50208 (06090101)      0.49674 (06090101)
3756971.3 |      0.49352 (07081202)      0.48603 (06090101)      0.50395 (06090101)      0.50006 (06090101)      0.49270 (07070105)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                ***       06/29/10
                                  ***                                                                             ***       11:46:58
                                                                                                                            PAGE  10
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                                X-COORD (METERS)
 (METERS) |       372120.44              372150.44              372180.44              372210.44              372240.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.51020 (05102724)      0.50798 (05102724)      0.50998 (07091203)      0.52968 (07091203)      0.53770 (06060106)
3758411.3 |      0.50084 (05102724)      0.52087 (05102724)      0.51577 (05102724)      0.52350 (07091203)      0.54528 (06060106)
3758381.3 |      0.48084 (05082506)      0.51284 (05102724)      0.53099 (05102724)      0.52282 (05102724)      0.53521 (07091203)
3758351.3 |      0.48741 (07062201)      0.48786 (05082506)      0.52444 (05102724)      0.54036 (05102724)      0.52877 (05102724)
3758321.3 |      0.49187 (07062201)      0.49330 (07062201)      0.49734 (05102724)      0.53520 (05102724)      0.54867 (05102724)
3758291.3 |      0.48621 (07090105)      0.49578 (07062201)      0.49807 (07062201)      0.50891 (05102724)      0.54508 (05102724)
3758261.3 |      0.46447 (07090105)      0.48846 (07090105)      0.49847 (07062201)      0.50125 (07062201)      0.52069 (06122419)
3758231.3 |      0.45821 (06111621)      0.47324 (07081723)      0.48929 (07090105)      0.50147 (07030521)      0.52012 (06122419)
3758201.3 |      0.46360 (06092404)      0.47679 (06111621)      0.48907 (07081723)      0.50782 (07081723)      0.52156 (07030521)
3758171.3 |      0.46295 (07030805)      0.47969 (06092404)      0.49469 (06111621)      0.50611 (06083105)      0.52751 (07081723)
3758141.3 |      0.48040 (07072706)      0.48263 (07030805)      0.49446 (06092404)      0.51159 (06111621)      0.52530 (06083105)
3758111.3 |      0.49563 (07072706)      0.49633 (07072706)      0.49994 (07030805)      0.50944 (07030805)      0.52902 (06092404)
3758081.3 |      0.49179 (07072706)      0.50240 (07072706)      0.50711 (07072706)      0.51459 (07030805)      0.52949 (07030805)
3758051.3 |      0.47114 (07072706)      0.49137 (07072706)      0.50521 (07072706)      0.51302 (07072706)      0.52639 (07030805)
3758021.3 |      0.46318 (07090203)      0.46874 (07090203)      0.48761 (07072706)      0.50444 (07072706)      0.52300 (06090202)
3757991.3 |      0.46574 (07090203)      0.47896 (07090203)      0.48937 (07090203)      0.49689 (07090203)      0.50571 (06090202)
3757961.3 |      0.46068 (05092123)      0.47095 (07090203)      0.48837 (07090203)      0.50302 (07090203)      0.51492 (07090203)
3757931.3 |      0.45835 (05092123)      0.47226 (05092123)      0.48447 (05092123)      0.49501 (05092123)      0.51061 (07090203)
3757901.3 |      0.45886 (06090305)      0.47080 (06090305)      0.48166 (06090305)      0.49245 (05092123)      0.50614 (05092123)
3757871.3 |      0.45761 (06070724)      0.46705 (06070724)      0.47644 (06090305)      0.49016 (06090305)      0.50250 (06090305)
3757841.3 |      0.46299 (07012323)      0.47267 (07012323)      0.48196 (07012323)      0.49081 (07012323)      0.49921 (07012323)
3757811.3 |      0.45598 (06121320)      0.46814 (07012323)      0.47985 (07012323)      0.49083 (07012323)      0.50102 (07012323)
3757781.3 |      0.44988 (07101207)      0.45844 (06121320)      0.47054 (06121320)      0.48214 (06121320)      0.49310 (06121320)
3757751.3 |      0.45880 (06041122)      0.46825 (06041122)      0.47761 (06041122)      0.48682 (06041122)      0.49573 (06041122)
3757721.3 |      0.45892 (06041122)      0.46857 (06041122)      0.47810 (06041122)      0.48744 (06041122)      0.49644 (06041122)
3757691.3 |      0.46094 (05062906)      0.46883 (05062906)      0.47701 (07090124)      0.49226 (06020819)      0.50928 (06020819)
3757661.3 |      0.48073 (06020819)      0.49688 (06020819)      0.51222 (06020819)      0.52643 (06020819)      0.53918 (06020819)
3757631.3 |      0.50538 (06020819)      0.51818 (06020819)      0.53000 (06020819)      0.54066 (06020819)      0.54990 (06020819)
3757601.3 |      0.51044 (06020819)      0.51996 (06020819)      0.52857 (06020819)      0.53615 (06020819)      0.54255 (06020819)
3757571.3 |      0.49516 (06020819)      0.50118 (06020819)      0.50634 (06020819)      0.51052 (06020819)      0.51358 (06020819)
3757541.3 |      0.46285 (07122906)      0.47381 (07122906)      0.48548 (07012321)      0.49973 (07012321)      0.51203 (07012321)
3757511.3 |      0.46646 (07012321)      0.47905 (07012321)      0.48993 (07012321)      0.50059 (06071502)      0.51357 (05051905)
3757481.3 |      0.46530 (06071502)      0.47753 (06071502)      0.49018 (05051905)      0.50640 (07042502)      0.51948 (07042502)
3757451.3 |      0.46743 (07042502)      0.48256 (07042502)      0.49453 (07042502)      0.50952 (05042623)      0.52143 (05042623)
3757421.3 |      0.46913 (07042502)      0.48398 (05042623)      0.49508 (05042623)      0.50550 (07071204)      0.52430 (07081224)
3757391.3 |      0.46896 (05042623)      0.47822 (07071204)      0.49514 (07081224)      0.51107 (07041703)      0.52993 (07041703)
3757361.3 |      0.46667 (07081224)      0.48171 (07081224)      0.49957 (07041703)      0.51325 (07041703)      0.52804 (07081724)
3757331.3 |      0.46957 (07041703)      0.48500 (07041703)      0.49627 (07081724)      0.51227 (06092403)      0.52869 (05082706)
3757301.3 |      0.46753 (07041703)      0.48074 (07081724)      0.49472 (06092403)      0.51171 (05082706)      0.52766 (07012605)
3757271.3 |      0.46535 (06092403)      0.47757 (05091105)      0.50161 (05121222)      0.51296 (05121222)      0.52629 (05020107)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                ***       06/29/10
                                  ***                                                                             ***       11:46:58
                                                                                                                            PAGE  11
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                                X-COORD (METERS)
 (METERS) |       372120.44              372150.44              372180.44              372210.44              372240.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.47845 (05091105)      0.50040 (05091105)      0.50960 (05121222)      0.50573 (05020107)      0.52050 (07092403)
3757211.3 |      0.49735 (05091105)      0.50404 (05091105)      0.49667 (05091105)      0.49986 (07092403)      0.52889 (05121721)
3757181.3 |      0.49655 (05091105)      0.49047 (07092604)      0.48863 (05041623)      0.52195 (05121721)      0.54406 (05121721)
3757151.3 |      0.48647 (07092604)      0.48664 (05041623)      0.51396 (05121721)      0.53691 (05121721)      0.53637 (05121721)
3757121.3 |      0.48341 (05041623)      0.50516 (05121721)      0.52859 (05121721)      0.52944 (05121721)      0.52563 (05060605)
3757091.3 |      0.49580 (05121721)      0.51956 (05121721)      0.52132 (05121721)      0.52019 (07070105)      0.53351 (05060605)
3757061.3 |      0.50995 (05121721)      0.51270 (05121721)      0.51480 (07070105)      0.52725 (05060605)      0.52771 (05083004)
3757031.3 |      0.50348 (05121721)      0.50825 (07070105)      0.51923 (05060605)      0.52274 (05083004)      0.54949 (07081306)
3757001.3 |      0.50083 (07070105)      0.50984 (05060605)      0.51569 (05083004)      0.52783 (07081306)      0.55712 (05050324)
3756971.3 |      0.49941 (05060605)      0.50697 (05083004)      0.50551 (05083004)      0.54135 (07081306)      0.58695 (05050324)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                ***       06/29/10
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Site #15 – Localized CO Concentrations

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                                ***                                                                  ***        11:46:58
                                                                                                              PAGE  12
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                  **

 Y-COORD  |                                                X-COORD (METERS)
 (METERS) |       372270.44              372300.44              372330.44              372360.44              372390.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.54385 (07022024)      0.52537 (05082505)      0.56253 (07070205)      0.58206 (07070205)      0.60565 (05072206)
3758411.3 |      0.55291 (06060106)      0.54706 (07022024)      0.53403 (07070205)      0.58374 (07070205)      0.58077 (05072206)
3758381.3 |      0.56699 (06060106)      0.56638 (06060106)      0.54468 (07022024)      0.56579 (07070205)      0.59428 (07070205)
3758351.3 |      0.56039 (06060106)      0.58770 (06060106)      0.57737 (06060106)      0.56786 (07031305)      0.58890 (07070205)
3758321.3 |      0.53363 (06060106)      0.58700 (06060106)      0.60698 (06060106)      0.58537 (06060106)      0.59438 (07031305)
3758291.3 |      0.55559 (05102724)      0.56432 (06060106)      0.61295 (06060106)      0.62390 (06060106)      0.60575 (07031305)
3758261.3 |      0.55361 (05102724)      0.56075 (05102724)      0.59508 (06060106)      0.63764 (06060106)      0.63798 (06060106)
3758231.3 |      0.54262 (06122419)      0.56030 (05102724)      0.56351 (05102724)      0.62549 (06060106)      0.66024 (06060106)
3758201.3 |      0.54110 (06122419)      0.56541 (06122419)      0.57290 (06071403)      0.58937 (06060106)      0.65459 (06060106)
3758171.3 |      0.54210 (07030521)      0.56277 (06122419)      0.58904 (06122419)      0.59775 (06071403)      0.62283 (06060106)
3758141.3 |      0.54698 (07081723)      0.56281 (07030521)      0.58509 (06122419)      0.61326 (06122419)      0.62329 (06071403)
3758111.3 |      0.54574 (06111621)      0.56590 (07081723)      0.58349 (07030521)      0.60759 (06122419)      0.63748 (06122419)
3758081.3 |      0.54541 (06092404)      0.56465 (06111621)      0.58401 (07081723)      0.60513 (07081723)      0.62986 (06122419)
3758051.3 |      0.54635 (07030805)      0.55970 (06092404)      0.58159 (06111621)      0.60076 (07081723)      0.62558 (07081723)
3758021.3 |      0.53897 (06090202)      0.55980 (07030805)      0.57649 (07030805)      0.59670 (06092404)      0.61692 (06083105)
3757991.3 |      0.53179 (06090202)      0.55213 (06090202)      0.56988 (07030805)      0.59036 (07030805)      0.60947 (06092404)
3757961.3 |      0.52398 (07090203)      0.53708 (06090202)      0.56109 (06090202)      0.57891 (06090202)      0.59987 (07030805)
3757931.3 |      0.52602 (07090203)      0.53846 (07090203)      0.54813 (07090203)      0.56653 (06090202)      0.58650 (06090202)
3757901.3 |      0.51797 (05092123)      0.53173 (07090203)      0.54670 (07090203)      0.55819 (07090203)      0.56852 (06090202)
3757871.3 |      0.51346 (06090305)      0.52536 (05092123)      0.53721 (05092123)      0.55037 (07090203)      0.56294 (07090203)
3757841.3 |      0.50829 (06070724)      0.51991 (06090305)      0.53086 (06090305)      0.54134 (05092123)      0.55136 (05092123)
3757811.3 |      0.51038 (07012323)      0.51872 (07012323)      0.52593 (07012323)      0.53369 (06090305)      0.54304 (06090305)
3757781.3 |      0.50364 (07012323)      0.51436 (07012323)      0.52338 (07012323)      0.53048 (07012323)      0.53569 (06070724)
3757751.3 |      0.50419 (06041122)      0.51199 (06041122)      0.51883 (06041122)      0.52439 (06070404)      0.53030 (06121320)
3757721.3 |      0.50494 (06041122)      0.51272 (06041122)      0.51951 (06041122)      0.52490 (06041122)      0.53237 (06020819)
3757691.3 |      0.52469 (06020819)      0.53793 (06020819)      0.54823 (06020819)      0.55479 (06020819)      0.55662 (06020819)
3757661.3 |      0.55007 (06020819)      0.55867 (06020819)      0.56442 (06020819)      0.56678 (06020819)      0.56491 (06020819)
3757631.3 |      0.55748 (06020819)      0.56309 (06020819)      0.56632 (06020819)      0.56667 (06020819)      0.56344 (06020819)
3757601.3 |      0.54761 (06020819)      0.55103 (06020819)      0.55252 (06020819)      0.55153 (06020819)      0.55512 (06071502)
3757571.3 |      0.51822 (07012321)      0.53092 (07012321)      0.54121 (07012321)      0.55310 (07042502)      0.56639 (07042502)
3757541.3 |      0.52249 (07012321)      0.53497 (05051905)      0.55014 (07042502)      0.56383 (05042623)      0.57617 (05042623)
3757511.3 |      0.52936 (07042502)      0.54273 (07042502)      0.55782 (05042623)      0.57040 (07081224)      0.58935 (07041703)
3757481.3 |      0.53467 (05042623)      0.54675 (05042623)      0.56366 (07081224)      0.58330 (07041703)      0.60068 (07081724)
3757451.3 |      0.53485 (07081224)      0.55309 (07081224)      0.57354 (07041703)      0.59050 (07081724)      0.61135 (05082706)
3757421.3 |      0.54305 (07041703)      0.55968 (07041703)      0.57752 (06092403)      0.59834 (05082706)      0.61977 (05020107)
3757391.3 |      0.54390 (07081724)      0.56214 (06092403)      0.58246 (05082706)      0.60368 (05020107)      0.62575 (07092403)
3757361.3 |      0.54414 (05082706)      0.56520 (07012605)      0.58582 (05020107)      0.60564 (07092403)      0.63091 (06091002)
3757331.3 |      0.54703 (07012605)      0.56665 (05020107)      0.58450 (07092403)      0.60770 (05030206)      0.63592 (07091601)
3757301.3 |      0.54671 (05020107)      0.56308 (07092403)      0.58453 (05030206)      0.61068 (07091601)      0.63541 (07090905)
3757271.3 |      0.54163 (07092403)      0.56168 (05030206)      0.58571 (07091601)      0.60837 (07090905)      0.62902 (07100205)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                   ***        06/29/10
                                ***                                                                  ***        11:46:58
                                                                                                              PAGE  13
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                  **

 Y-COORD  |                                                X-COORD (METERS)
 (METERS) |       372270.44              372300.44              372330.44              372360.44              372390.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.53950 (05030206)      0.56159 (07091601)      0.58194 (07090905)      0.60163 (05060724)      0.62014 (05102602)
3757211.3 |      0.54976 (05121721)      0.55648 (07090905)      0.57600 (05060724)      0.59312 (05102602)      0.61993 (07081306)
3757181.3 |      0.54209 (05121721)      0.55118 (05060724)      0.56641 (05102602)      0.60788 (07081306)      0.61323 (07081306)
3757151.3 |      0.53301 (05060605)      0.54037 (05102602)      0.59099 (07081306)      0.60935 (07081306)      0.59936 (05083002)
3757121.3 |      0.53773 (05060605)      0.57046 (07081306)      0.60006 (07081306)      0.58569 (07081306)      0.58930 (06041202)
3757091.3 |      0.54735 (07081306)      0.58637 (07081306)      0.58517 (07081306)      0.56884 (07041702)      0.61961 (06022502)
3757061.3 |      0.56924 (07081306)      0.58012 (05050324)      0.58495 (05050324)      0.57705 (06022502)      0.63363 (06022502)
3757031.3 |      0.57160 (05050324)      0.59296 (05050324)      0.56529 (05050324)      0.60319 (06022502)      0.62746 (06022502)
3757001.3 |      0.59331 (05050324)      0.58313 (05050324)      0.56707 (06110719)      0.61115 (06022502)      0.60254 (06022502)
3756971.3 |      0.59323 (05050324)      0.55321 (06110719)      0.58419 (06022502)      0.60076 (06022502)      0.59167 (07103024)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                   ***        06/29/10
                                ***                                                                  ***        11:46:58
                                                                                                              PAGE  14
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                  **

 Y-COORD  |                                                X-COORD (METERS)
 (METERS) |       372420.44              372450.44              372480.44              372510.44              372540.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.64131 (05072206)      0.61112 (05072206)      0.62914 (07070102)      0.63060 (06090404)      0.63575 (06070502)
3758411.3 |      0.64761 (05072206)      0.65036 (05072206)      0.63177 (07070102)      0.62054 (06090404)      0.64307 (06070502)
3758381.3 |      0.63670 (05072206)      0.67457 (05072206)      0.63839 (05072206)      0.63768 (07041624)      0.64187 (06090404)
3758351.3 |      0.60835 (05072206)      0.68096 (05072206)      0.68138 (05072206)      0.64818 (07041624)      0.66350 (07041624)
3758321.3 |      0.60760 (05051302)      0.66789 (05072206)      0.70757 (05072206)      0.67025 (06071302)      0.69291 (07041624)
3758291.3 |      0.61914 (05053023)      0.64547 (05051424)      0.71361 (05072206)      0.71049 (05072206)      0.71116 (07041624)
3758261.3 |      0.63964 (07031305)      0.65373 (05053023)      0.69767 (05072206)      0.73822 (05072206)      0.72899 (06071302)
3758231.3 |      0.64818 (06060106)      0.66983 (07031305)      0.69510 (05051424)      0.74317 (05072206)      0.74446 (07030903)
3758201.3 |      0.67981 (06060106)      0.68241 (07031305)      0.70457 (05053023)      0.74011 (05042123)      0.76277 (05072206)
3758171.3 |      0.68156 (06060106)      0.69507 (06060106)      0.72046 (07031305)      0.74613 (05051424)      0.77646 (05042123)
3758141.3 |      0.65484 (06060106)      0.70491 (06060106)      0.71874 (07031305)      0.75414 (05092921)      0.79476 (05042123)
3758111.3 |      0.64907 (06071403)      0.68545 (07093005)      0.72270 (06060106)      0.76378 (07031305)      0.79798 (05051302)
3758081.3 |      0.66117 (06122419)      0.67429 (06071403)      0.72091 (07093005)      0.74841 (05072003)      0.80060 (07031305)
3758051.3 |      0.65133 (06122419)      0.68309 (06122419)      0.69747 (06071403)      0.75305 (07093005)      0.79183 (07031305)
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Site #15 – Localized CO Concentrations

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3758021.3 |      0.64330 (07081723)      0.67078 (06122419)      0.70291 (06071403)      0.72928 (07093005)      0.77836 (07093005)
3757991.3 |      0.63086 (06083105)      0.65719 (07081723)      0.68664 (06122419)      0.71881 (06071403)      0.75785 (07093005)
3757961.3 |      0.61874 (06092404)      0.64090 (06083105)      0.66676 (07030521)      0.69656 (06122419)      0.72527 (06071403)
3757931.3 |      0.60535 (07030805)      0.62409 (06092404)      0.64613 (06083105)      0.67202 (07030521)      0.70376 (06101602)
3757901.3 |      0.59007 (06090202)      0.60668 (07030805)      0.62494 (07050905)      0.64609 (07021101)      0.67223 (06072505)
3757871.3 |      0.57074 (07090203)      0.58937 (06090202)      0.60446 (05071905)      0.62346 (07020120)      0.64779 (07021101)
3757841.3 |      0.56332 (07090203)      0.57002 (06090402)      0.58381 (07060202)      0.59836 (05102205)      0.61764 (05102205)
3757811.3 |      0.55156 (05092123)      0.55913 (05110721)      0.56656 (05110721)      0.56974 (07060202)      0.58940 (05102205)
3757781.3 |      0.54131 (06090305)      0.54751 (07072301)      0.55218 (05110721)      0.55764 (05110721)      0.54871 (05110721)
3757751.3 |      0.53384 (06121320)      0.53641 (06070724)      0.54197 (07081002)      0.54213 (07081002)      0.53829 (05091707)
3757721.3 |      0.53468 (06020819)      0.53168 (05060604)      0.53232 (06010103)      0.53263 (06010103)      0.52910 (05120122)
3757691.3 |      0.55258 (06020819)      0.54125 (06020819)      0.53832 (06071104)      0.54859 (05021402)      0.54916 (07013106)
3757661.3 |      0.55786 (06020819)      0.54902 (07092506)      0.55712 (07051823)      0.56596 (07013106)      0.57576 (07101907)
3757631.3 |      0.55558 (06020819)      0.56226 (05030201)      0.57162 (06032924)      0.58449 (07101907)      0.59590 (07062606)
3757601.3 |      0.56614 (07042502)      0.57701 (05091624)      0.58879 (05051305)      0.60522 (07021123)      0.61848 (07062606)
3757571.3 |      0.57863 (05042623)      0.59325 (07081224)      0.60934 (07021123)      0.62739 (05121822)      0.64385 (06070503)
3757541.3 |      0.59305 (07081224)      0.61046 (06111622)      0.62972 (07082005)      0.65155 (05101205)      0.67597 (06091002)
3757511.3 |      0.60750 (06111622)      0.62746 (07082005)      0.65033 (05020107)      0.67718 (06052305)      0.71046 (07102319)
3757481.3 |      0.62115 (05082706)      0.64471 (07012605)      0.67167 (07092403)      0.70246 (05030206)      0.73870 (07030901)
3757451.3 |      0.63445 (07012605)      0.66002 (06070503)      0.69114 (05030206)      0.72567 (07090905)      0.76529 (05102602)
3757421.3 |      0.64443 (06070503)      0.67390 (05030206)      0.70758 (07091102)      0.74322 (07100205)      0.78534 (05051805)
3757391.3 |      0.65332 (05030206)      0.68512 (07091102)      0.71842 (05060724)      0.75473 (07111006)      0.79788 (05083002)
3757361.3 |      0.66099 (07091601)      0.69158 (05060724)      0.72124 (05102602)      0.75842 (05083002)      0.80183 (06041202)
3757331.3 |      0.66285 (05060724)      0.69078 (05102602)      0.72372 (05051805)      0.75835 (05083002)      0.79880 (06082324)
3757301.3 |      0.65875 (05102602)      0.68856 (07111006)      0.72299 (05083002)      0.75891 (06041202)      0.79053 (07090201)
3757271.3 |      0.65428 (07111006)      0.68274 (05083002)      0.71222 (06041202)      0.74573 (06052405)      0.77307 (07102902)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                  ***       06/29/10
                                  ***                                                                               ***       11:46:58
                                                                                                                              PAGE  15
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      AREA1   ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372420.44              372450.44              372480.44              372510.44              372540.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.64824 (05051805)      0.67609 (05083002)      0.70883 (06041202)      0.73384 (07090201)      0.74550 (07042624)
3757211.3 |      0.64365 (05083002)      0.66980 (06041202)      0.69320 (06052405)      0.71377 (07102902)      0.74559 (07042624)
3757181.3 |      0.62553 (06041202)      0.66787 (06022502)      0.67891 (07090201)      0.68133 (07102902)      0.72781 (07042624)
3757151.3 |      0.63198 (06022502)      0.67391 (06022502)      0.65838 (07102902)      0.68294 (07042624)      0.70756 (05041606)
3757121.3 |      0.65322 (06022502)      0.65638 (06022502)      0.65080 (07042204)      0.67096 (07042624)      0.68307 (07081803)
3757091.3 |      0.65246 (06022502)      0.61799 (06022502)      0.66013 (07042204)      0.65255 (05041606)      0.65886 (05111121)
3757061.3 |      0.63056 (06022502)      0.63117 (07042204)      0.65139 (07042204)      0.62955 (07081803)      0.64919 (05021523)
3757031.3 |      0.60520 (07103024)      0.64152 (07042204)      0.62645 (07062702)      0.63313 (06090204)      0.66836 (05021523)
3757001.3 |      0.60766 (07042204)      0.63531 (07042204)      0.60515 (07062702)      0.62609 (06090204)      0.67754 (05021523)
3756971.3 |      0.61894 (07042204)      0.61543 (07062702)      0.61618 (06090204)      0.60746 (06090204)      0.67749 (05021523)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                  ***       06/29/10
                                  ***                                                                               ***       11:46:58
                                                                                                                              PAGE  16
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      AREA1   ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372570.44              372600.44              372630.44              372660.44              372690.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.62494 (05020520)      0.60545 (05020520)      0.65356 (05052102)      0.67330 (05052102)      0.67928 (07091801)
3758411.3 |      0.64154 (05020520)      0.64093 (05020520)      0.65063 (07072802)      0.68282 (05052102)      0.67985 (07091801)
3758381.3 |      0.65657 (07042124)      0.67388 (05020520)      0.66639 (07072802)      0.68810 (05052102)      0.68006 (05053024)
3758351.3 |      0.67976 (07042124)      0.70290 (05020520)      0.68590 (07071405)      0.71501 (07072802)      0.71357 (05053024)
3758321.3 |      0.69555 (07042124)      0.72660 (05020520)      0.70950 (07071405)      0.74479 (07072802)      0.74739 (05053024)
3758291.3 |      0.70865 (07041624)      0.74363 (05020520)      0.74941 (05020520)      0.77244 (07072802)      0.78102 (05053024)
3758261.3 |      0.74904 (07041624)      0.76839 (07042124)      0.78844 (05020520)      0.79713 (07072802)      0.81383 (05053024)
3758231.3 |      0.77707 (07041624)      0.78810 (07042124)      0.82103 (05020520)      0.81778 (07072802)      0.84505 (05053024)
3758201.3 |      0.79052 (06071302)      0.80163 (07041624)      0.84523 (05020520)      0.84429 (07071405)      0.87394 (05053024)
3758171.3 |      0.81115 (06071302)      0.84131 (07041624)      0.86605 (07042124)      0.87219 (05020520)      0.90405 (07072802)
3758141.3 |      0.82107 (07030903)      0.86333 (07041624)      0.88852 (07042124)      0.91289 (05020520)      0.93658 (07072802)
3758111.3 |      0.83313 (05042123)      0.87735 (06071302)      0.89463 (07042124)      0.94221 (05020520)      0.96195 (07072802)
3758081.3 |      0.84438 (05042123)      0.88528 (07030903)      0.92410 (07041624)      0.95712 (06030223)      0.98028 (07071405)
3758051.3 |      0.84029 (05053023)      0.87924 (05081703)      0.93347 (07101606)      0.97126 (07042124)      1.00243 (07071405)
3758021.3 |      0.82728 (05092921)      0.87881 (05081703)      0.93505 (05091003)      0.96420 (07042124)      1.00772 (07071405)
3757991.3 |      0.80740 (05072003)      0.86073 (07122008)      0.91715 (05091003)      0.94212 (07101606)      0.99049 (07071405)
3757961.3 |      0.77356 (05072003)      0.83190 (07122008)      0.89338 (05112920)      0.94690 (05091003)      0.94776 (05063005)
3757931.3 |      0.72931 (07093005)      0.79492 (07122904)      0.85291 (07122008)      0.90471 (05091003)      0.92930 (05062801)
3757901.3 |      0.70765 (06101602)      0.74383 (07122904)      0.80188 (07122008)      0.82815 (05112920)      0.86510 (05062801)
3757871.3 |      0.67430 (06101602)      0.69070 (06101602)      0.73334 (07122904)      0.75976 (05112920)      0.78815 (07040505)
3757841.3 |      0.63956 (05093007)      0.65953 (06101602)      0.66840 (07122904)      0.71332 (07040107)      0.70786 (07040505)
3757811.3 |      0.60860 (05093007)      0.63133 (05093007)      0.61566 (07113001)      0.65572 (07040107)      0.62473 (05102703)
3757781.3 |      0.56609 (05102205)      0.59705 (05093007)      0.59120 (05093007)      0.57510 (07040107)      0.56764 (07040107)
3757751.3 |      0.54278 (05091707)      0.53101 (05052301)      0.55333 (05093007)      0.53010 (06091907)      0.49258 (07040107)
3757721.3 |      0.53585 (05091707)      0.52823 (05091707)      0.50003 (07062606)      0.49478 (06091907)      0.47050 (07091607)
3757691.3 |      0.55197 (07101907)      0.56211 (07062606)      0.54021 (07062606)      0.53833 (07033107)      0.53717 (07091607)
3757661.3 |      0.58874 (07062606)      0.59510 (07062606)      0.58494 (07112201)      0.62618 (06111808)      0.59404 (07092607)
3757631.3 |      0.61594 (07062606)      0.60704 (07062606)      0.62986 (05032205)      0.70476 (06111808)      0.67506 (07092607)
3757601.3 |      0.62623 (07062606)      0.65395 (07102319)      0.71022 (06111808)      0.75785 (06111808)      0.73680 (07092607)
3757571.3 |      0.67055 (07102319)      0.69430 (05010118)      0.77100 (06111808)      0.79519 (05101707)      0.79756 (05102621)
3757541.3 |      0.71346 (07102319)      0.74763 (05010118)      0.81174 (06111808)      0.85931 (05101707)      0.88197 (05102621)
3757511.3 |      0.74624 (05010118)      0.79745 (07122002)      0.86235 (05101707)      0.89797 (05101707)      0.96045 (05051306)
3757481.3 |      0.78415 (05010118)      0.83223 (07022603)      0.90965 (05101707)      0.92382 (07092224)      1.01084 (05051306)
3757451.3 |      0.81327 (07122002)      0.86670 (07022603)      0.92266 (07033103)      0.95879 (06040624)      1.02323 (05051306)
3757421.3 |      0.82716 (06041202)      0.88236 (06042502)      0.92654 (07042624)      0.97223 (07070103)      1.00831 (07072903)
3757391.3 |      0.84268 (06082324)      0.88664 (07033103)      0.93182 (07092224)      0.96362 (07070103)      0.99891 (07072903)
3757361.3 |      0.84380 (07090201)      0.88111 (07042624)      0.92380 (05111121)      0.95502 (07040124)      0.98034 (07081506)
3757331.3 |      0.83316 (07102902)      0.87511 (07042624)      0.90553 (07070103)      0.93516 (07040124)      0.95884 (06040122)
3757301.3 |      0.81478 (07042624)      0.85805 (07081803)      0.88434 (07070103)      0.91147 (06120224)      0.93374 (06040122)
3757271.3 |      0.81146 (07042624)      0.83498 (05111121)      0.85110 (07040124)      0.88633 (06120224)      0.90357 (06120301)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                  ***       06/29/10
                                  ***                                                                               ***       11:46:58
                                                                                                                              PAGE  17
**MODELOPTs:  NonDFAULT CONC                                FLAT
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Site #15 – Localized CO Concentrations

NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372570.44	372600.44	372630.44	372660.44	372690.44
3757241.3	0.79305 (05041606)	0.80903 (07070103)	0.83430 (07040124)	0.85498 (05092206)	0.87212 (06120301)
3757211.3	0.76855 (07081803)	0.78755 (07070103)	0.80734 (07040124)	0.82456 (07081506)	0.83724 (06120301)
3757181.3	0.74247 (05111121)	0.76069 (05021523)	0.78086 (07081204)	0.80022 (06040122)	0.80028 (06120301)
3757151.3	0.71692 (07070103)	0.75872 (05021523)	0.75808 (06120224)	0.77531 (06040122)	0.76649 (07071502)
3757121.3	0.71480 (05021523)	0.74503 (05021523)	0.73210 (07062204)	0.74749 (06040122)	0.74211 (07071502)
3757091.3	0.72429 (05021523)	0.72110 (05021523)	0.72802 (07062204)	0.71756 (06040122)	0.71721 (07071502)
3757061.3	0.72273 (05021523)	0.68899 (05021523)	0.71709 (07062204)	0.69031 (06120301)	0.69211 (07072801)
3757031.3	0.71111 (05021523)	0.69145 (07062204)	0.70014 (07062204)	0.66824 (05102823)	0.68929 (07072801)
3757001.3	0.69077 (05021523)	0.69263 (07062204)	0.67812 (07062204)	0.65936 (05102823)	0.68353 (07072801)
3756971.3	0.66329 (05021523)	0.68762 (07062204)	0.66915 (07092602)	0.65806 (07042623)	0.67536 (07072801)

*** AERMOD - VERSION 09292 *** *** Site 15 - CO *** 06/29/10
*** *** 11:46:58
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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372720.44	372750.44	372780.44	372810.44	372840.44
3758441.3	0.66628 (05082924)	0.79884 (07070206)	0.90487 (07070206)	0.86684 (07070206)	0.70055 (07070206)
3758411.3	0.67304 (05082924)	0.82052 (07070206)	0.92737 (07070206)	0.88207 (07070206)	0.70346 (07070206)
3758381.3	0.67972 (07091801)	0.84246 (07070206)	0.94976 (07070206)	0.89664 (07070206)	0.70510 (07070206)
3758351.3	0.68518 (07091801)	0.86447 (07070206)	0.97172 (07070206)	0.91029 (07070206)	0.72450 (06121424)
3758321.3	0.69636 (07050904)	0.88628 (07070206)	0.99284 (07070206)	0.92269 (07070206)	0.75158 (06121424)
3758291.3	0.71961 (07050904)	0.90745 (07070206)	1.01265 (07070206)	0.93350 (07070206)	0.78208 (05011519)
3758261.3	0.74995 (05053024)	0.92761 (07070206)	1.03059 (07070206)	0.94235 (07070206)	0.81219 (05011519)
3758231.3	0.79447 (05053024)	0.94608 (07070206)	1.04587 (07070206)	0.94871 (07070206)	0.84300 (06072405)
3758201.3	0.83928 (05053024)	0.96200 (07070206)	1.05761 (07070206)	0.95192 (07070206)	0.87425 (06072405)
3758171.3	0.88310 (05053024)	0.97418 (07070206)	1.06435 (07070206)	0.95113 (07070206)	0.90738 (07082905)
3758141.3	0.92456 (05053024)	0.98109 (07070206)	1.06469 (07070206)	0.94629 (06121424)	0.93490 (07082905)
3758111.3	0.96133 (05053024)	0.98084 (07070206)	1.05668 (07070206)	0.97536 (06121424)	0.95460 (07082905)
3758081.3	0.99069 (07040201)	1.00169 (07050904)	1.03799 (07070206)	0.99700 (06121424)	0.96458 (07090102)
3758051.3	1.00893 (07040201)	1.01359 (07050904)	1.01482 (07033024)	1.01055 (05011519)	0.98912 (06070803)
3758021.3	1.01557 (06062405)	1.01094 (07050904)	1.01191 (07033024)	1.00978 (05011519)	0.99815 (06042604)
3757991.3	1.01306 (06062405)	0.99861 (06062405)	0.99484 (07122001)	0.99010 (05071902)	1.00982 (06042604)
3757961.3	0.98383 (06062405)	0.97923 (06062405)	0.96050 (07061001)	0.96300 (05071604)	0.98799 (06042604)
3757931.3	0.93375 (05050905)	0.93552 (07032006)	0.93359 (06080406)	0.93857 (05071604)	0.92544 (06042604)
3757901.3	0.85912 (05050905)	0.86023 (07032006)	0.86466 (06080406)	0.86622 (05071604)	0.83048 (06042604)
3757871.3	0.76598 (05050905)	0.76899 (07050906)	0.77527 (06080406)	0.77422 (05071604)	0.76473 (05052224)
3757841.3	0.68160 (05063005)	0.67687 (07050906)	0.68028 (07050906)	0.67653 (05071604)	0.69398 (05052224)
3757811.3	0.58872 (05063005)	0.57971 (07050906)	0.58177 (07050906)	0.58318 (07072506)	0.61620 (05102104)
3757781.3	0.49600 (07031606)	0.47797 (07050906)	0.48896 (07072506)	0.50513 (05080104)	0.55019 (06101507)
3757751.3	0.41921 (07040107)	0.38076 (06092705)	0.39550 (07072506)	0.42098 (07071506)	0.47932 (06101507)
3757721.3	0.41764 (07091607)	0.32283 (05052106)	0.32682 (06072406)	0.37001 (05092207)	0.41287 (07111923)
3757691.3	0.46373 (07092607)	0.40530 (05052106)	0.40470 (07072906)	0.44824 (06072406)	0.48494 (05041803)
3757661.3	0.53322 (07092607)	0.49127 (05102504)	0.49780 (07073004)	0.53495 (07072606)	0.55911 (05031120)
3757631.3	0.60852 (05102621)	0.58400 (05102504)	0.58778 (07073004)	0.63168 (07072606)	0.63208 (05070505)
3757601.3	0.69562 (05102621)	0.67184 (05102504)	0.69125 (05052206)	0.71681 (07072606)	0.71101 (07072606)
3757571.3	0.78363 (05051306)	0.76556 (05052206)	0.79952 (05052206)	0.80203 (06080404)	0.80288 (07072606)
3757541.3	0.87364 (05051306)	0.85963 (05052206)	0.90354 (05052206)	0.88613 (06080404)	0.88430 (07072606)
3757511.3	0.94255 (05051306)	0.94357 (07022604)	0.99027 (05052206)	0.93945 (06080404)	0.93237 (07072606)
3757481.3	0.98394 (05102620)	1.00426 (07022604)	1.03536 (05052206)	0.98204 (06032405)	0.96660 (05060603)
3757451.3	1.00932 (05102620)	1.02868 (07022604)	1.04411 (05052206)	1.01214 (06032405)	1.00172 (05060603)
3757421.3	1.00598 (07071502)	1.02639 (07022604)	1.02947 (05052206)	1.01323 (06032405)	1.00674 (05060603)
3757391.3	1.00679 (07071502)	1.01306 (06090303)	1.00330 (07081504)	1.00241 (07090301)	0.99074 (07102806)
3757361.3	0.99399 (07071502)	0.99781 (07081903)	0.98935 (07081504)	0.98648 (07081602)	0.97709 (07102806)
3757331.3	0.97166 (07071502)	0.97492 (07081903)	0.97900 (06030421)	0.96813 (07081602)	0.95013 (07081401)
3757301.3	0.94296 (07071502)	0.94682 (07081903)	0.97177 (06030421)	0.94313 (07081602)	0.92766 (07081401)
3757271.3	0.91012 (07071502)	0.91582 (07081903)	0.95716 (06030421)	0.91358 (07081602)	0.89812 (07081401)

*** AERMOD - VERSION 09292 *** *** Site 15 - CO *** 06/29/10
*** *** 11:46:58
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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372720.44	372750.44	372780.44	372810.44	372840.44
3757241.3	0.87662 (05083001)	0.88346 (07081903)	0.93747 (06030421)	0.88109 (07081602)	0.86791 (07090301)
3757211.3	0.84747 (05083001)	0.85081 (07081903)	0.91449 (06030421)	0.84702 (07081602)	0.83592 (07090301)
3757181.3	0.81769 (05083001)	0.81896 (06030421)	0.88947 (06030421)	0.82797 (06030421)	0.80150 (07090301)
3757151.3	0.78786 (05083001)	0.79376 (06030421)	0.86335 (06030421)	0.81021 (06030421)	0.76553 (07090301)
3757121.3	0.75832 (05083001)	0.76843 (06030421)	0.83671 (06030421)	0.79123 (06030421)	0.73861 (07081602)
3757091.3	0.72938 (05083001)	0.74330 (06030421)	0.81006 (06030421)	0.77149 (06030421)	0.71600 (07081602)
3757061.3	0.70132 (05083001)	0.71872 (06030421)	0.78381 (06030421)	0.75138 (06030421)	0.69289 (07081602)
3757031.3	0.68965 (07112120)	0.69479 (06030421)	0.75810 (06030421)	0.73120 (06030421)	0.66953 (07081602)
3757001.3	0.68282 (07112120)	0.68847 (07081502)	0.73310 (06030421)	0.71111 (06030421)	0.64623 (07081602)
3756971.3	0.67425 (07112120)	0.68201 (07081502)	0.70899 (06030421)	0.69125 (06030421)	0.62314 (07081602)

*** AERMOD - VERSION 09292 *** *** Site 15 - CO *** 06/29/10
*** *** 11:46:58
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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

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

Site #15 – Localized CO Concentrations

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                              INCLUDING SOURCE(S):      AREA1   ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372870.44              372900.44              372930.44              372960.44              372990.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.67808 (07040123)      0.63200 (07082905)      0.66283 (07122005)      0.68699 (07122005)      0.61086 (07122005)
3758411.3 |      0.67784 (07040123)      0.64748 (07082905)      0.68897 (07122005)      0.68575 (07122005)      0.62036 (05091501)
3758381.3 |      0.69175 (07082905)      0.66029 (07082905)      0.70782 (07122005)      0.67508 (07122005)      0.64137 (05091501)
3758351.3 |      0.72033 (07082905)      0.68985 (06070803)      0.71820 (07122005)      0.66624 (05091501)      0.65406 (05091501)
3758321.3 |      0.74716 (07082905)      0.72538 (06070803)      0.71875 (07122005)      0.69817 (05091501)      0.65679 (05091501)
3758291.3 |      0.77130 (07082905)      0.75693 (06070803)      0.72356 (05020721)      0.72137 (05091501)      0.68519 (05101022)
3758261.3 |      0.79202 (07082905)      0.78285 (06070803)      0.75150 (05091501)      0.73340 (05091501)      0.72206 (05101022)
3758231.3 |      0.80810 (07082905)      0.80161 (06070803)      0.78781 (05091501)      0.73558 (05101022)      0.74338 (05101022)
3758201.3 |      0.84917 (06070803)      0.82037 (05020721)      0.81192 (05091501)      0.78067 (05101022)      0.75747 (07091206)
3758171.3 |      0.88540 (06070803)      0.85101 (05020721)      0.82090 (05091501)      0.80764 (05101022)      0.77566 (05072924)
3758141.3 |      0.91249 (06070803)      0.88363 (05091501)      0.83812 (05101022)      0.81915 (07091206)      0.78137 (07052205)
3758111.3 |      0.92749 (06070803)      0.90497 (05091501)      0.87042 (05101022)      0.83300 (05072924)      0.79171 (06092022)
3758081.3 |      0.95229 (05020721)      0.90477 (05091501)      0.87691 (07091206)      0.83239 (07052205)      0.78424 (06092022)
3758051.3 |      0.96846 (06040319)      0.91820 (05101022)      0.88113 (05070724)      0.83365 (06092022)      0.74846 (05072004)
3758021.3 |      0.96891 (06040319)      0.91912 (05101022)      0.86793 (07052205)      0.80631 (06092022)      0.76898 (05072004)
3757991.3 |      0.93844 (06040319)      0.90050 (07091206)      0.84798 (06092022)      0.77974 (05072004)      0.75378 (07010319)
3757961.3 |      0.89738 (05101022)      0.86141 (07052205)      0.79807 (06092022)      0.76523 (05072004)      0.72481 (05060722)
3757931.3 |      0.86245 (05052224)      0.80785 (06092022)      0.75366 (05072004)      0.73000 (05021522)      0.69656 (05021522)
3757901.3 |      0.80018 (05080903)      0.74696 (06081604)      0.71852 (05072004)      0.70506 (05021522)      0.66327 (05111007)
3757871.3 |      0.75614 (07021201)      0.70618 (07040604)      0.69485 (05021522)      0.66151 (05021522)      0.64013 (07110903)
3757841.3 |      0.70007 (06081604)      0.66119 (05030601)      0.65356 (05021522)      0.62803 (07110903)      0.60689 (05070304)
3757811.3 |      0.64552 (06101507)      0.61795 (05091506)      0.59494 (07110903)      0.58975 (05070304)      0.59128 (05070304)
3757781.3 |      0.57172 (05030601)      0.57621 (05122808)      0.55700 (06100823)      0.56977 (05070304)      0.56694 (06042804)
3757751.3 |      0.51312 (05122808)      0.52014 (06100823)      0.52585 (05070304)      0.53890 (06042804)      0.54136 (05052401)
3757721.3 |      0.49698 (07070406)      0.52712 (05060606)      0.53916 (05060606)      0.52099 (05060606)      0.52764 (05052401)
3757691.3 |      0.51616 (07111923)      0.53819 (06052603)      0.54811 (05060606)      0.54091 (05060606)      0.54130 (07081406)
3757661.3 |      0.56372 (05070104)      0.56516 (06061102)      0.56608 (06052603)      0.57585 (05102701)      0.56378 (05102701)
3757631.3 |      0.64832 (05070104)      0.62509 (06061102)      0.60423 (06061102)      0.59190 (05102701)      0.59601 (05102701)
3757601.3 |      0.70989 (05070104)      0.66064 (05101724)      0.66621 (06061102)      0.62070 (07081001)      0.60857 (05102701)
3757571.3 |      0.76995 (05042906)      0.70764 (05101204)      0.70273 (06061102)      0.67313 (06061102)      0.64107 (07081001)
3757541.3 |      0.83980 (05042906)      0.75875 (05042906)      0.72928 (06032621)      0.71207 (06061102)      0.66368 (06022824)
3757511.3 |      0.89076 (06112204)      0.83899 (05042906)      0.77665 (07051301)      0.73636 (05062701)      0.70296 (06090105)
3757481.3 |      0.93618 (06112204)      0.89543 (05042906)      0.81425 (07051301)      0.77349 (06032621)      0.73206 (05062701)
3757451.3 |      0.94791 (05082805)      0.91184 (05042906)      0.84574 (07111001)      0.80384 (07051301)      0.75744 (07091204)
3757421.3 |      0.95387 (07072003)      0.92832 (06112204)      0.87412 (07111001)      0.81397 (07051301)      0.77848 (07033101)
3757391.3 |      0.96365 (07072003)      0.92565 (07072703)      0.87266 (07101003)      0.82602 (07111001)      0.79026 (06083023)
3757361.3 |      0.94957 (07072003)      0.91789 (05082805)      0.87806 (07101003)      0.83556 (07111001)      0.77199 (06083023)
3757331.3 |      0.91650 (07072003)      0.88951 (05082805)      0.86560 (05081906)      0.81539 (07101003)      0.78442 (07111001)
3757301.3 |      0.90229 (07100824)      0.87633 (07072003)      0.85273 (07072703)      0.81692 (07101003)      0.78137 (07111001)
3757271.3 |      0.88280 (07100824)      0.85772 (07072003)      0.83177 (05082805)      0.80363 (05081906)      0.75277 (07101003)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                    ***         06/29/10
                                  ***                                                                 ***         11:46:58
                                                                                                                  PAGE  21
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):      AREA1   ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372870.44              372900.44              372930.44              372960.44              372990.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.85442 (07100824)      0.82589 (07072003)      0.79507 (05082805)      0.78462 (07072703)      0.75323 (07101003)
3757211.3 |      0.82298 (07102806)      0.78411 (07072003)      0.77603 (07072003)      0.76486 (05082805)      0.74029 (05081906)
3757181.3 |      0.79040 (07102806)      0.77194 (07100824)      0.75968 (07072003)      0.73947 (05082805)      0.71677 (07072703)
3757151.3 |      0.76223 (07081401)      0.75375 (07100824)      0.73352 (07072003)      0.70195 (05082805)      0.70191 (07072703)
3757121.3 |      0.73718 (07081401)      0.72980 (07100824)      0.69964 (07072003)      0.68487 (07072003)      0.68193 (05082805)
3757091.3 |      0.71637 (07122007)      0.71407 (07122007)      0.67292 (05091702)      0.67179 (07072003)      0.65502 (05082805)
3757061.3 |      0.69595 (07122007)      0.71650 (07122007)      0.66546 (05091702)      0.65098 (07072003)      0.61945 (05082805)
3757031.3 |      0.67121 (07122007)      0.71271 (07122007)      0.64966 (05091702)      0.65508 (05091702)      0.60674 (07072003)
3757001.3 |      0.64327 (07122007)      0.70347 (07122007)      0.65627 (07103023)      0.65817 (05091702)      0.59641 (07072003)
3756971.3 |      0.61289 (07122007)      0.68948 (07122007)      0.66114 (07122007)      0.65290 (05091702)      0.61149 (05091702)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                    ***         06/29/10
                                  ***                                                                 ***         11:46:58
                                                                                                                  PAGE  22
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):      AREA1   ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373020.44              373050.44              373080.44              373110.44              373140.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.62993 (07062524)      0.62947 (05101302)      0.61096 (07091723)      0.55049 (07091206)      0.53676 (07052205)
3758411.3 |      0.62915 (07062524)      0.63026 (07091723)      0.59084 (07091723)      0.56875 (05072924)      0.54349 (07052205)
3758381.3 |      0.63914 (05101302)      0.62794 (07091723)      0.59463 (07091206)      0.57816 (07052205)      0.55805 (06092022)
3758351.3 |      0.64088 (05101302)      0.62746 (05101022)      0.61386 (05072924)      0.58315 (07052205)      0.57353 (06092022)
3758321.3 |      0.66631 (05101022)      0.64378 (07091206)      0.62381 (07052205)      0.60347 (06092022)      0.57272 (06092022)
3758291.3 |      0.68281 (05101022)      0.66368 (05072924)      0.62754 (06092022)      0.61370 (06092022)      0.56502 (07070124)
3758261.3 |      0.69821 (07091206)      0.67357 (07052205)      0.65108 (06092022)      0.60486 (06092022)      0.55442 (05072004)
3758231.3 |      0.71805 (05072924)      0.68233 (06092022)      0.65383 (06092022)      0.57692 (06092022)      0.59931 (05072004)
3758201.3 |      0.72676 (07052205)      0.69945 (06092022)      0.63457 (06092022)      0.62176 (05072004)      0.62108 (05072004)
3758171.3 |      0.73852 (06092022)      0.69179 (06092022)      0.64309 (05072004)      0.65016 (05072004)      0.62480 (07010319)
3758141.3 |      0.74557 (06092022)      0.66222 (05072004)      0.67890 (05072004)      0.65532 (07010319)      0.63132 (05060722)
3758111.3 |      0.72393 (06092022)      0.70616 (05072004)      0.68571 (07010319)      0.65759 (05060722)      0.63142 (07070204)
3758081.3 |      0.73028 (05072004)      0.71667 (05072004)      0.68312 (05060722)      0.65540 (07070204)      0.62880 (05111007)
3758051.3 |      0.74602 (05072004)      0.70673 (05060722)      0.67796 (07070204)      0.64962 (05111007)      0.62022 (05050323)
3758021.3 |      0.73281 (07010319)      0.69764 (05060722)      0.66805 (05111007)      0.63812 (05050323)      0.61608 (05042124)
3757991.3 |      0.71548 (05060722)      0.68252 (05111007)      0.65258 (05050323)      0.62939 (05042124)      0.60636 (06123019)
3757961.3 |      0.69142 (07070204)      0.66238 (05050323)      0.63812 (05042124)      0.61324 (05042124)      0.62594 (06123019)
3757931.3 |      0.66580 (07110922)      0.64142 (05042124)      0.61799 (05042124)      0.61909 (06123019)      0.62395 (06123019)
3757901.3 |      0.64063 (07110922)      0.61850 (05042124)      0.60339 (07100121)      0.61077 (06123019)      0.60703 (06123019)
3757871.3 |      0.61440 (05121423)      0.60242 (05121423)      0.58980 (06123019)      0.58834 (06123019)      0.57133 (06123019)
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3757841.3 |      0.59909 (05070304)      0.58203 (07111321)      0.57140 (07062124)      0.56165 (07062824)      0.54974 (05051502)
3757811.3 |      0.57915 (06042804)      0.56518 (07062124)      0.55761 (06071723)      0.55028 (05051502)      0.54150 (05051502)
3757781.3 |      0.55653 (06071723)      0.55220 (06071723)      0.54498 (05051502)      0.54085 (05112020)      0.53471 (06090302)
3757751.3 |      0.54564 (05052401)      0.54079 (06102422)      0.53627 (06090302)      0.53379 (07072501)      0.52784 (07072501)
3757721.3 |      0.52660 (06102422)      0.52884 (07040104)      0.53108 (07040104)      0.53013 (05111220)      0.52785 (07070302)
3757691.3 |      0.54656 (07081406)      0.53856 (07081406)      0.53781 (07081124)      0.53510 (07020421)      0.53093 (07012501)
3757661.3 |      0.55623 (06092124)      0.55593 (06092124)      0.54692 (07081406)      0.54022 (07081124)      0.53579 (07081124)
3757631.3 |      0.57765 (05102701)      0.56355 (06040824)      0.55909 (07072424)      0.55244 (07072424)      0.53965 (07072424)
3757601.3 |      0.60279 (05102701)      0.58626 (06040824)      0.57280 (06040824)      0.55965 (07072424)      0.55222 (07072424)
3757571.3 |      0.61642 (07090305)      0.60628 (07090305)      0.58951 (06040824)      0.57535 (06040824)      0.55545 (07072424)
3757541.3 |      0.64741 (07081001)      0.62114 (07090305)      0.60720 (07090305)      0.58745 (06040824)      0.57334 (06040824)
3757511.3 |      0.66918 (07081001)      0.64518 (07081001)      0.61891 (07090305)      0.60350 (07090305)      0.58071 (06040824)
3757481.3 |      0.69516 (06090105)      0.66526 (07081001)      0.63758 (07081001)      0.61069 (07090305)      0.59585 (07090305)
3757451.3 |      0.71755 (06090105)      0.67935 (06090105)      0.65456 (07081001)      0.62630 (07081001)      0.59624 (07090305)
3757421.3 |      0.73811 (07091204)      0.70046 (06090105)      0.65902 (06090105)      0.63891 (07081001)      0.61237 (07081001)
3757391.3 |      0.74889 (06032621)      0.71169 (05062701)      0.67845 (06090105)      0.63626 (06090105)      0.61978 (07081001)
3757361.3 |      0.75518 (06083023)      0.71630 (06032621)      0.68363 (05062701)      0.65402 (06090105)      0.61250 (06090105)
3757331.3 |      0.74850 (06083023)      0.71772 (07033101)      0.68721 (07091204)      0.65402 (05062701)      0.62874 (06090105)
3757301.3 |      0.72036 (07111001)      0.71727 (06083023)      0.68369 (07033101)      0.65807 (07091204)      0.62420 (05062701)
3757271.3 |      0.73488 (07111001)      0.69078 (06083023)      0.68152 (06083023)      0.65098 (06032621)      0.62863 (07091204)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***       06/29/10
                                  ***                                                                       ***       11:46:58
                                                                                                                      PAGE  23

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                      **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373020.44              373050.44              373080.44              373110.44              373140.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.72381 (07111001)      0.67841 (07111001)      0.66667 (06083023)      0.64456 (07103022)      0.61943 (06032621)
3757211.3 |      0.69248 (07101003)      0.68401 (07111001)      0.63324 (07062502)      0.63866 (06083023)      0.61247 (07033101)
3757181.3 |      0.69266 (07101003)      0.66801 (07111001)      0.63923 (07062502)      0.61209 (07062502)      0.60803 (06083023)
3757151.3 |      0.68049 (05081906)      0.63693 (07101003)      0.63491 (07111001)      0.63122 (07062502)      0.59003 (06083023)
3757121.3 |      0.68074 (05010120)      0.63735 (07101003)      0.61600 (07111001)      0.62677 (07062502)      0.61129 (07062502)
3757091.3 |      0.67273 (05010120)      0.64844 (05010120)      0.60284 (07081801)      0.60020 (05101902)      0.62013 (07062502)
3757061.3 |      0.64832 (05010120)      0.66084 (05010120)      0.60663 (07081801)      0.60558 (05101902)      0.60697 (07062502)
3757031.3 |      0.61037 (05010120)      0.65669 (05010120)      0.62101 (05010120)      0.59509 (07081801)      0.59250 (05101902)
3757001.3 |      0.59704 (07051822)      0.63740 (05010120)      0.63551 (05010120)      0.59758 (07081801)      0.59365 (05101902)
3756971.3 |      0.59194 (07051822)      0.60511 (05010120)      0.63510 (05010120)      0.59864 (07082105)      0.58299 (07081801)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***       06/29/10
                                  ***                                                                       ***       11:46:58
                                                                                                                      PAGE  24

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                      **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373170.44              373200.44              373230.44              373260.44              373290.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.51569 (06092022)      0.51436 (07070124)      0.54866 (07070124)      0.53872 (07070124)      0.49029 (07070124)
3758411.3 |      0.53456 (06092022)      0.54727 (07070124)      0.55220 (07070124)      0.51451 (07070124)      0.47124 (05072004)
3758381.3 |      0.53981 (06092022)      0.56017 (07070124)      0.53531 (07070124)      0.48850 (05072004)      0.49387 (07092823)
3758351.3 |      0.56145 (07070124)      0.55155 (07070124)      0.50568 (05072004)      0.50785 (05072004)      0.53244 (07092823)
3758321.3 |      0.56195 (07070124)      0.52263 (05072004)      0.53028 (05072004)      0.53771 (07092823)      0.54841 (07092823)
3758291.3 |      0.54038 (07070124)      0.55318 (05072004)      0.54126 (07092823)      0.55589 (07092823)      0.54107 (07092823)
3758261.3 |      0.57634 (05072004)      0.56415 (07010319)      0.56159 (07092823)      0.55000 (07092823)      0.51482 (07070204)
3758231.3 |      0.59210 (05072004)      0.56590 (07010319)      0.55722 (07092823)      0.53653 (07070204)      0.51830 (05111007)
3758201.3 |      0.59490 (07010319)      0.57969 (05060722)      0.55927 (07070204)      0.53982 (05111007)      0.51743 (05111007)
3758171.3 |      0.60518 (05060722)      0.58282 (07070204)      0.56186 (05111007)      0.53647 (05111007)      0.52128 (05050323)
3758141.3 |      0.60699 (07070204)      0.58438 (05111007)      0.55578 (05111007)      0.54023 (05050323)      0.52731 (05042124)
3758111.3 |      0.60685 (05111007)      0.57813 (05050323)      0.55867 (05050323)      0.54693 (05042124)      0.52686 (05042124)
3758081.3 |      0.59997 (05050323)      0.57811 (05042124)      0.56497 (05042124)      0.54012 (06123019)      0.56294 (06123019)
3758051.3 |      0.59874 (05042124)      0.58082 (05042124)      0.57679 (06123019)      0.59289 (06123019)      0.59938 (06123019)
3758021.3 |      0.59432 (05042124)      0.60463 (06123019)      0.61451 (06123019)      0.61544 (06123019)      0.60838 (06123019)
3757991.3 |      0.62133 (06123019)      0.62674 (06123019)      0.62372 (06123019)      0.61282 (06123019)      0.59424 (06123019)
3757961.3 |      0.62959 (06123019)      0.62464 (06123019)      0.61117 (06123019)      0.58921 (06123019)      0.55907 (06123019)
3757931.3 |      0.61894 (06123019)      0.60389 (06123019)      0.57886 (06123019)      0.54451 (06123019)      0.50797 (07062824)
3757901.3 |      0.59093 (06123019)      0.56277 (06123019)      0.52910 (07062824)      0.51682 (05051502)      0.50659 (05051502)
3757871.3 |      0.54799 (07062824)      0.53624 (05051502)      0.52591 (05051502)      0.51351 (05051502)      0.50040 (05112020)
3757841.3 |      0.54125 (05051502)      0.52957 (05051502)      0.51878 (05112020)      0.50710 (05112020)      0.49729 (06090302)
3757811.3 |      0.53287 (05112020)      0.52379 (06090302)      0.51432 (06090302)      0.50477 (07072501)      0.49481 (07072501)
3757781.3 |      0.52756 (07072501)      0.51925 (07072501)      0.50920 (07072501)      0.49767 (07072501)      0.48725 (07042123)
3757751.3 |      0.52098 (07072702)      0.51410 (07072702)      0.50611 (07072702)      0.49737 (07072702)      0.48811 (07072702)
3757721.3 |      0.52313 (07070302)      0.51658 (07070302)      0.50870 (07070302)      0.49983 (07070302)      0.49027 (07070302)
3757691.3 |      0.52631 (07012501)      0.51956 (07012501)      0.51129 (05111220)      0.50273 (05111220)      0.49398 (07070302)
3757661.3 |      0.52860 (07020421)      0.52180 (07012501)      0.51474 (07012501)      0.50672 (07012501)      0.49791 (07012501)
3757631.3 |      0.53190 (07081124)      0.52438 (07081124)      0.51535 (07081124)      0.50547 (07020421)      0.49506 (07020421)
3757601.3 |      0.54079 (07072424)      0.52540 (07072424)      0.51470 (07081124)      0.50626 (07081124)      0.49711 (07081124)
3757571.3 |      0.54758 (07072424)      0.53711 (07072424)      0.52397 (07072424)      0.50806 (07072424)      0.48936 (07072424)
3757541.3 |      0.55275 (06040824)      0.53772 (07072424)      0.52862 (07072424)      0.51758 (07072424)      0.50449 (07072424)
3757511.3 |      0.56757 (06040824)      0.54930 (06040824)      0.52555 (06040824)      0.51318 (07072424)      0.50506 (07072424)
3757481.3 |      0.57290 (07090305)      0.55761 (06040824)      0.54225 (06040824)      0.52213 (06040824)      0.49713 (06040824)
3757451.3 |      0.58426 (07090305)      0.56431 (07090305)      0.54230 (06040824)      0.53100 (06040824)      0.51491 (06040824)
3757421.3 |      0.57562 (07090305)      0.56845 (07090305)      0.55265 (07090305)      0.52920 (07090305)      0.51470 (06040824)
3757391.3 |      0.59632 (07081001)      0.55882 (07081001)      0.54834 (07090305)      0.53771 (07090305)      0.51903 (07090305)
3757361.3 |      0.59830 (07081001)      0.57871 (07081001)      0.54497 (07081001)      0.52436 (07090305)      0.51947 (07090305)
3757331.3 |      0.59435 (07072806)      0.57621 (06022824)      0.56000 (07081001)      0.53034 (07081001)      0.49720 (07090305)
3757301.3 |      0.60329 (06090105)      0.58783 (07072806)      0.55388 (06022824)      0.54047 (07081001)      0.51512 (07081001)
3757271.3 |      0.59494 (05062701)      0.59481 (07072806)      0.57906 (07072806)      0.54158 (07072806)      0.52064 (07081001)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***       06/29/10
                                  ***                                                                       ***       11:46:58
                                                                                                                      PAGE  25

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***
```

Site #15 – Localized CO Concentrations

```
                                    ** CONC OF CO       IN PPM                                  **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373170.44              373200.44              373230.44              373260.44              373290.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.59953 (07091204)      0.57565 (07072806)      0.58488 (07072806)      0.56886 (07072806)      0.53155 (07072806)
3757211.3 |      0.58904 (07091204)      0.57124 (07091204)      0.56486 (07072806)      0.57358 (07072806)      0.55755 (07072806)
3757181.3 |      0.59132 (06071722)      0.57724 (06072803)      0.54464 (05062701)      0.55313 (07072005)      0.56123 (07072806)
3757151.3 |      0.59860 (06071722)      0.58384 (06072803)      0.56394 (06072803)      0.53923 (07072005)      0.54627 (07072005)
3757121.3 |      0.58111 (06071722)      0.58963 (06071722)      0.57565 (06072803)      0.54807 (06072803)      0.53348 (07072005)
3757091.3 |      0.58237 (07062502)      0.58049 (06071722)      0.57626 (06071722)      0.56452 (06072803)      0.53030 (06072803)
3757061.3 |      0.60283 (07062502)      0.55490 (07072724)      0.57487 (06071722)      0.55934 (06071722)      0.55096 (06072803)
3757031.3 |      0.60270 (07062502)      0.57707 (07062502)      0.55139 (06071722)      0.56509 (06071722)      0.55052 (06072803)
3757001.3 |      0.58250 (07062502)      0.58865 (07062502)      0.55381 (07072724)      0.54974 (06071722)      0.55197 (06071722)
3756971.3 |      0.58065 (05101902)      0.58101 (07062502)      0.56668 (07062502)      0.53056 (07072724)      0.54406 (06071722)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                    ***       06/29/10
                                  ***                                                                 ***       11:46:58
                                                                                                                PAGE  26
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF CO       IN PPM                                  **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373320.44              373350.44              373380.44              373410.44              373440.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.45408 (05072004)      0.48588 (07092823)      0.51006 (07092823)      0.50835 (07092823)      0.48949 (06090306)
3758411.3 |      0.49041 (07092823)      0.51841 (07092823)      0.51931 (07092823)      0.49772 (06090306)      0.48919 (05062902)
3758381.3 |      0.52591 (07092823)      0.52979 (07092823)      0.50789 (07092823)      0.49604 (05062902)      0.48358 (06102522)
3758351.3 |      0.53959 (07092823)      0.51965 (07092823)      0.50210 (05062902)      0.48877 (05062902)      0.47205 (06102522)
3758321.3 |      0.53088 (07092823)      0.50725 (05062902)      0.49419 (05062902)      0.47591 (06102522)      0.44225 (06102522)
3758291.3 |      0.51119 (05062902)      0.49856 (05062902)      0.47873 (06102522)      0.44555 (05050323)      0.45523 (07062424)
3758261.3 |      0.50177 (05062902)      0.48080 (05111007)      0.46413 (05050323)      0.45089 (05050323)      0.45118 (07062424)
3758231.3 |      0.49887 (05111007)      0.48306 (05050323)      0.46621 (05050323)      0.46095 (05042124)      0.44902 (05042124)
3758201.3 |      0.50217 (05050323)      0.48460 (05042124)      0.47891 (05042124)      0.46259 (05042124)      0.45266 (05051501)
3758171.3 |      0.50637 (05042124)      0.49601 (05042124)      0.47512 (05042124)      0.47249 (06123019)      0.49400 (06123019)
3758141.3 |      0.51209 (05042124)      0.48657 (05042124)      0.51077 (06123019)      0.52701 (06123019)      0.53495 (06123019)
3758111.3 |      0.52648 (06123019)      0.54578 (06123019)      0.55603 (06123019)      0.55794 (06123019)      0.55236 (06123019)
3758081.3 |      0.57582 (06123019)      0.57980 (06123019)      0.57577 (06123019)      0.56439 (06123019)      0.54643 (06123019)
3758051.3 |      0.59744 (06123019)      0.58776 (06123019)      0.57106 (06123019)      0.54787 (06123019)      0.51891 (06123019)
3758021.3 |      0.59386 (06123019)      0.57229 (06123019)      0.54421 (06123019)      0.51043 (06123019)      0.47201 (06123019)
3757991.3 |      0.56825 (06123019)      0.53547 (06123019)      0.49693 (06123019)      0.46345 (07062824)      0.44720 (07062824)
3757961.3 |      0.52164 (06123019)      0.48588 (07062824)      0.46799 (07062824)      0.45802 (05051502)      0.45012 (05051502)
3757931.3 |      0.49254 (05051502)      0.48382 (05051502)      0.47364 (05051502)      0.46198 (05051502)      0.44886 (05051502)
3757901.3 |      0.49481 (05051502)      0.48137 (05051502)      0.46822 (05112020)      0.45789 (05112020)      0.44666 (05112020)
3757871.3 |      0.48943 (05112020)      0.47731 (05112020)      0.46562 (06090302)      0.45611 (06090302)      0.44613 (06090302)
3757841.3 |      0.48695 (06090302)      0.47585 (06090302)      0.46548 (07072501)      0.45552 (07072501)      0.44518 (07072501)
3757811.3 |      0.48407 (07072501)      0.47266 (07072501)      0.46061 (07072501)      0.44803 (07072501)      0.43494 (07072501)
3757781.3 |      0.47715 (07042123)      0.46674 (07042123)      0.45610 (07042123)      0.44530 (07042123)      0.43439 (07042123)
3757751.3 |      0.47852 (07072702)      0.46871 (07072702)      0.45880 (07072702)      0.44885 (07072702)      0.43895 (07072702)
3757721.3 |      0.48021 (07070302)      0.46982 (07070302)      0.45922 (07070302)      0.44851 (07070302)      0.43779 (07070302)
3757691.3 |      0.48490 (07070302)      0.47555 (07070302)      0.46600 (07070302)      0.45635 (07070302)      0.44667 (07070302)
3757661.3 |      0.48849 (07012501)      0.47857 (07012501)      0.46823 (07012501)      0.45755 (07012501)      0.44701 (05111220)
3757631.3 |      0.48580 (07012501)      0.47712 (07012501)      0.46824 (07012501)      0.45921 (07012501)      0.45002 (07012501)
3757601.3 |      0.48727 (07081124)      0.47675 (07081124)      0.46615 (07020421)      0.45566 (07020421)      0.44467 (07020421)
3757571.3 |      0.48042 (07081124)      0.47248 (07081124)      0.46407 (07081124)      0.45518 (07081124)      0.44583 (07081124)
3757541.3 |      0.48925 (07072424)      0.47178 (07072424)      0.45218 (07072424)      0.44040 (07081124)      0.43437 (07081124)
3757511.3 |      0.49507 (07072424)      0.48319 (07072424)      0.46941 (07072424)      0.45370 (07072424)      0.43609 (07072424)
3757481.3 |      0.48425 (07072424)      0.47834 (07072424)      0.47036 (07072424)      0.46044 (07072424)      0.44863 (07072424)
3757451.3 |      0.49424 (06040824)      0.46913 (06040824)      0.45294 (07072424)      0.44970 (07072424)      0.44422 (07072424)
3757421.3 |      0.50340 (06040824)      0.48734 (06040824)      0.46684 (06040824)      0.44225 (06040824)      0.42089 (07072424)
3757391.3 |      0.49508 (07020222)      0.48718 (06040824)      0.47618 (06040824)      0.46050 (06040824)      0.44060 (06040824)
3757361.3 |      0.50603 (07090305)      0.48504 (07090305)      0.46623 (06040824)      0.46065 (06040824)      0.45003 (06040824)
3757331.3 |      0.49827 (07090305)      0.49028 (07090305)      0.47836 (07073003)      0.45934 (07073003)      0.44089 (06040824)
3757301.3 |      0.48591 (07013006)      0.48718 (07073003)      0.48797 (07073003)      0.48025 (07073003)      0.46413 (07073003)
3757271.3 |      0.51055 (07013006)      0.48757 (07013006)      0.47966 (07073003)      0.48399 (07073003)      0.47945 (07073003)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                    ***       06/29/10
                                  ***                                                                 ***       11:46:58
                                                                                                                PAGE  27
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF CO       IN PPM                                  **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373320.44              373350.44              373380.44              373410.44              373440.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.51619 (07013006)      0.50895 (07122006)      0.48762 (07122006)      0.46828 (07073003)      0.47673 (07073003)
3757211.3 |      0.52086 (07072806)      0.51063 (07122006)      0.50550 (07122006)      0.48623 (07122006)      0.45430 (07122006)
3757181.3 |      0.54553 (07072806)      0.50980 (07072806)      0.50316 (07122006)      0.50047 (07122006)      0.48357 (07122006)
3757151.3 |      0.54830 (07072806)      0.53314 (07072806)      0.49842 (07072806)      0.49417 (07122006)      0.49406 (07122006)
3757121.3 |      0.53812 (07072005)      0.53511 (07072806)      0.52048 (07072806)      0.48699 (07072806)      0.48389 (07122006)
3757091.3 |      0.52651 (07072005)      0.52888 (07072005)      0.52182 (07072806)      0.50779 (07072806)      0.47577 (05082703)
3757061.3 |      0.51130 (06072803)      0.51861 (07072005)      0.51911 (07072005)      0.50854 (07072806)      0.49513 (07072806)
3757031.3 |      0.53566 (06072803)      0.51030 (07092704)      0.51009 (07072005)      0.50876 (07072005)      0.49534 (07072806)
3757001.3 |      0.54023 (06072803)      0.51906 (06072803)      0.51314 (07092704)      0.50102 (07072005)      0.49813 (07072005)
3756971.3 |      0.53615 (06071722)      0.52817 (06072803)      0.51730 (07092704)      0.51369 (07092704)      0.49160 (07072005)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                    ***       06/29/10
                                  ***                                                                 ***       11:46:58
                                                                                                                PAGE  28
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF CO       IN PPM                                  **
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Site #15 – Localized CO Concentrations

```
     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372922.94   3757605.69        0.66474  (06061102)              372861.54   3757481.08        0.92713  (06112204)
       372438.96   3757746.55        0.53415  (06070724)              372431.74   3757838.64        0.56578  (07090203)
       372435.35   3757928.94        0.61281  (07030805)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***        06/29/10
                                  ***                                                                       ***        11:46:58
                                                                                                                       PAGE  29

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                      **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       371970.44              372000.44              372030.44              372060.44              372090.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.09570 (06071408)      0.09622 (06071408)      0.09429 (06071408)      0.08985 (06071408)      0.08797 (06062808)
3758411.3 |      0.09400 (06071408)      0.09729 (06071408)      0.09834 (06071408)      0.09684 (06071408)      0.09265 (06071408)
3758381.3 |      0.08915 (06071408)      0.09486 (06071408)      0.09874 (06071408)      0.10035 (06071408)      0.09933 (06071408)
3758351.3 |      0.08669 (06110124)      0.08930 (06071408)      0.09556 (06071408)      0.10002 (06071408)      0.10223 (06071408)
3758321.3 |      0.10195 (06110124)      0.09452 (06110124)      0.08927 (06071408)      0.09607 (06071408)      0.10112 (06071408)
3758291.3 |      0.11376 (06110124)      0.10924 (06110124)      0.10255 (06110124)      0.09377 (06110124)      0.09638 (06071408)
3758261.3 |      0.12092 (06110124)      0.11975 (06110124)      0.11636 (06110124)      0.11062 (06110124)      0.10252 (06110124)
3758231.3 |      0.12307 (06110124)      0.12516 (06110124)      0.12525 (06110124)      0.12313 (06110124)      0.11856 (06110124)
3758201.3 |      0.12039 (06110124)      0.12542 (06110124)      0.12875 (06110124)      0.13016 (06110124)      0.12939 (06110124)
3758171.3 |      0.11328 (06110124)      0.12089 (06110124)      0.12708 (06110124)      0.13164 (06110124)      0.13436 (06110124)
3758141.3 |      0.10806 (07020624)      0.11198 (06110124)      0.12069 (06110124)      0.12804 (06110124)      0.13380 (06110124)
3758111.3 |      0.12488 (07020624)      0.12317 (07020624)      0.12061 (07020624)      0.11978 (06110124)      0.12828 (06110124)
3758081.3 |      0.14031 (07020624)      0.14055 (07020624)      0.13987 (07020624)      0.13820 (07020624)      0.13546 (07020624)
3758051.3 |      0.15228 (07020624)      0.15488 (07020624)      0.15666 (07020624)      0.15750 (07020624)      0.15725 (07020624)
3758021.3 |      0.15901 (07020624)      0.16395 (07020624)      0.16838 (07020624)      0.17210 (07020624)      0.17494 (07020624)
3757991.3 |      0.15974 (07020624)      0.16658 (07020624)      0.17329 (07020624)      0.17969 (07020624)      0.18558 (07020624)
3757961.3 |      0.15478 (07020624)      0.16287 (07020624)      0.17115 (07020624)      0.17952 (07020624)      0.18783 (07020624)
3757931.3 |      0.14516 (07020624)      0.15386 (07020624)      0.16297 (07020624)      0.17247 (07020624)      0.18227 (07020624)
3757901.3 |      0.13191 (07020624)      0.14080 (07020624)      0.15020 (07020624)      0.16015 (07020624)      0.17062 (07020624)
3757871.3 |      0.11869 (07030608)      0.12456 (07020624)      0.13395 (07020624)      0.14394 (07020624)      0.15458 (07020624)
3757841.3 |      0.11388 (07030608)      0.11924 (07030608)      0.12474 (07030608)      0.13035 (07030608)      0.13604 (07030608)
3757811.3 |      0.11135 (07101208)      0.11468 (07101208)      0.11816 (07101208)      0.12323 (07030608)      0.12979 (07030608)
3757781.3 |      0.11256 (07101208)      0.11703 (05122608)      0.12223 (05122608)      0.12772 (05122608)      0.13353 (05122608)
3757751.3 |      0.11558 (05122608)      0.12080 (05122608)      0.12633 (05122608)      0.13218 (05122608)      0.13836 (05122608)
3757721.3 |      0.11447 (05122608)      0.11960 (05122608)      0.12504 (05122608)      0.13082 (05122608)      0.13695 (05122608)
3757691.3 |      0.10919 (05122608)      0.11388 (05122608)      0.11888 (05122608)      0.12421 (05122608)      0.12990 (05122608)
3757661.3 |      0.10061 (05122608)      0.10463 (05122608)      0.10891 (05122608)      0.11351 (05122608)      0.11845 (05122608)
3757631.3 |      0.09459 (05083108)      0.09993 (05083108)      0.10562 (05083108)      0.11167 (05083108)      0.11808 (05083108)
3757601.3 |      0.10051 (05083108)      0.10569 (05083108)      0.11112 (05083108)      0.11679 (05083108)      0.12270 (05083108)
3757571.3 |      0.10287 (05083108)      0.10750 (05083108)      0.11226 (05083108)      0.11713 (05083108)      0.12209 (05083108)
3757541.3 |      0.10222 (06012508)      0.10998 (07031308)      0.12004 (07031308)      0.12997 (07031308)      0.13960 (07031308)
3757511.3 |      0.11890 (07031308)      0.12786 (07031308)      0.13652 (07031308)      0.14477 (07031308)      0.15250 (07031308)
3757481.3 |      0.13324 (07031308)      0.14061 (07031308)      0.14750 (07031308)      0.15386 (07031308)      0.15966 (07031308)
3757451.3 |      0.14243 (07031308)      0.14802 (07031308)      0.15306 (07031308)      0.15752 (07031308)      0.16138 (07031308)
3757421.3 |      0.14646 (07031308)      0.15017 (07031308)      0.15325 (07031308)      0.15566 (07031308)      0.15735 (07031308)
3757391.3 |      0.14522 (07031308)      0.14684 (07031308)      0.14768 (07031308)      0.14767 (07031308)      0.14672 (07031308)
3757361.3 |      0.13835 (07031308)      0.13756 (07031308)      0.13582 (07031308)      0.13672 (07101908)      0.14341 (07081408)
3757331.3 |      0.12563 (07031308)      0.12483 (07101908)      0.13134 (07081408)      0.13980 (06011108)      0.14880 (06011108)
3757301.3 |      0.12067 (07081408)      0.12776 (06011108)      0.13581 (06011108)      0.14309 (06011108)      0.14932 (06011108)
3757271.3 |      0.12451 (06011108)      0.13106 (06011108)      0.13670 (06011108)      0.14120 (06011108)      0.15265 (06053108)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***        06/29/10
                                  ***                                                                       ***        11:46:58
                                                                                                                       PAGE  30

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                      **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       371970.44              372000.44              372030.44              372060.44              372090.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.12570 (06011108)      0.12984 (06011108)      0.13279 (06011108)      0.15312 (06053108)      0.17746 (06053108)
3757211.3 |      0.12268 (06011108)      0.13001 (06053108)      0.15322 (06053108)      0.17625 (06053108)      0.19771 (06053108)
3757181.3 |      0.13087 (06053108)      0.15300 (06053108)      0.17477 (06053108)      0.19488 (06053108)      0.21208 (06053108)
3757151.3 |      0.15251 (06053108)      0.17305 (06053108)      0.19187 (06053108)      0.20779 (06053108)      0.21972 (06053108)
3757121.3 |      0.17114 (06053108)      0.18871 (06053108)      0.20340 (06053108)      0.21415 (06053108)      0.22005 (06053108)
3757091.3 |      0.18545 (06053108)      0.19895 (06053108)      0.20858 (06053108)      0.21346 (06053108)      0.21281 (06053108)
3757061.3 |      0.19447 (06053108)      0.20304 (06053108)      0.20696 (06053108)      0.20555 (06053108)      0.19829 (06053108)
3757031.3 |      0.19753 (06053108)      0.20057 (06053108)      0.19849 (06053108)      0.19087 (06053108)      0.17777 (06053108)
3757001.3 |      0.19431 (06053108)      0.19161 (06053108)      0.18372 (06053108)      0.17073 (06053108)      0.15328 (06053108)
3756971.3 |      0.18496 (06053108)      0.17683 (06053108)      0.16400 (06053108)      0.14712 (06053108)      0.12729 (06053108)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***        06/29/10
                                  ***                                                                       ***        11:46:58
                                                                                                                       PAGE  31

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                      **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372120.44              372150.44              372180.44              372210.44              372240.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.09643 (06062808)      0.10204 (06062808)      0.10391 (06062808)      0.10150 (06062808)      0.09714 (05082508)
3758411.3 |      0.09277 (06062808)      0.10153 (06062808)      0.10710 (06062808)      0.10854 (06062808)      0.10529 (06062808)
3758381.3 |      0.09544 (06071408)      0.09795 (06062808)      0.10701 (06062808)      0.11251 (06062808)      0.11343 (06062808)
3758351.3 |      0.10172 (06071408)      0.09818 (06071408)      0.10356 (06062808)      0.11291 (06062808)      0.11829 (06062808)
3758321.3 |      0.10393 (06071408)      0.10398 (06071408)      0.10084 (06071408)      0.10963 (06062808)      0.11928 (06062808)
3758291.3 |      0.10201 (06071408)      0.10542 (06071408)      0.10605 (06071408)      0.10336 (06071408)      0.11622 (06062808)
3758261.3 |      0.09648 (06071408)      0.10266 (06071408)      0.10668 (06071408)      0.10790 (06071408)      0.10932 (06062808)
3758231.3 |      0.11142 (06110124)      0.10172 (06110124)      0.10308 (06071408)      0.10767 (06071408)      0.10948 (06071408)
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Site #15 – Localized CO Concentrations

3758201.3	0.12617 (06110124)	0.12024 (06110124)	0.11147 (06110124)	0.10323 (06071408)	0.10835 (06071408)
3758171.3	0.13499 (06110124)	0.13323 (06110124)	0.12873 (06110124)	0.12122 (06110124)	0.11059 (06110124)
3758141.3	0.13780 (06110124)	0.13982 (06110124)	0.13956 (06110124)	0.13665 (06110124)	0.13067 (06110124)
3758111.3	0.13523 (06110124)	0.14045 (06110124)	0.14379 (06110124)	0.14499 (06110124)	0.14371 (06110124)
3758081.3	0.13163 (07020624)	0.13590 (06110124)	0.14231 (06110124)	0.14687 (06110124)	0.14943 (06110124)
3758051.3	0.15581 (07020624)	0.15307 (07020624)	0.14900 (07020624)	0.14354 (07020624)	0.14908 (06110124)
3758021.3	0.17669 (07020624)	0.17719 (07020624)	0.17629 (07020624)	0.17387 (07020624)	0.16982 (07020624)
3757991.3	0.19074 (07020624)	0.19495 (07020624)	0.19799 (07020624)	0.19965 (07020624)	0.19974 (07020624)
3757961.3	0.19588 (07020624)	0.20346 (07020624)	0.21031 (07020624)	0.21620 (07020624)	0.22088 (07020624)
3757931.3	0.19225 (07020624)	0.20225 (07020624)	0.21205 (07020624)	0.22141 (07020624)	0.23005 (07020624)
3757901.3	0.18158 (07020624)	0.19295 (07020624)	0.20458 (07020624)	0.21627 (07020624)	0.22776 (07020624)
3757871.3	0.16585 (07020624)	0.17777 (07020624)	0.19028 (07020624)	0.20327 (07020624)	0.21654 (07020624)
3757841.3	0.14630 (07020624)	0.15828 (07020624)	0.17106 (07020624)	0.18458 (07020624)	0.19878 (07020624)
3757811.3	0.13655 (07030608)	0.14349 (07030608)	0.15058 (07030608)	0.16127 (07020624)	0.17576 (07020624)
3757781.3	0.13968 (05122608)	0.14619 (05122608)	0.15309 (05122608)	0.16043 (05122608)	0.16824 (05122608)
3757751.3	0.14490 (05122608)	0.15180 (05122608)	0.15909 (05122608)	0.16677 (05122608)	0.17488 (05122608)
3757721.3	0.14345 (05122608)	0.15035 (05122608)	0.15766 (05122608)	0.16541 (05122608)	0.17361 (05122608)
3757691.3	0.13598 (05122608)	0.14250 (05122608)	0.14949 (05122608)	0.15700 (05122608)	0.16507 (05122608)
3757661.3	0.12378 (05122608)	0.12954 (05122608)	0.13580 (05122608)	0.14262 (05122608)	0.15009 (05122608)
3757631.3	0.12484 (05083108)	0.13194 (05083108)	0.13934 (05083108)	0.14704 (05083108)	0.15499 (05083108)
3757601.3	0.12881 (05083108)	0.13511 (05083108)	0.14157 (05083108)	0.14819 (05083108)	0.15656 (07031308)
3757571.3	0.13174 (07031308)	0.14247 (07031308)	0.15272 (07031308)	0.16232 (07031308)	0.17122 (07031308)
3757541.3	0.14879 (07031308)	0.15743 (07031308)	0.16542 (07031308)	0.17277 (07031308)	0.17953 (07031308)
3757511.3	0.15966 (07031308)	0.16622 (07031308)	0.17222 (07031308)	0.17768 (07031308)	0.18271 (07031308)
3757481.3	0.16488 (07031308)	0.16954 (07031308)	0.17368 (07031308)	0.17731 (07031308)	0.18261 (07101908)
3757451.3	0.16463 (07031308)	0.16726 (07031308)	0.16924 (07031308)	0.17519 (07101908)	0.18355 (07101908)
3757421.3	0.15826 (07031308)	0.15905 (07101908)	0.16583 (07101908)	0.17487 (06011108)	0.18874 (06011108)
3757391.3	0.15030 (07101908)	0.15766 (06011108)	0.16984 (06011108)	0.18136 (06011108)	0.19187 (06011108)
3757361.3	0.15370 (06011108)	0.16382 (06011108)	0.17302 (06011108)	0.18092 (06011108)	0.20728 (06053108)
3757331.3	0.15693 (06011108)	0.16391 (06011108)	0.17885 (06053108)	0.20621 (06053108)	0.23058 (06053108)
3757301.3	0.15426 (06011108)	0.17880 (06053108)	0.20464 (06053108)	0.22750 (06053108)	0.24591 (06053108)
3757271.3	0.17833 (06053108)	0.20264 (06053108)	0.22403 (06053108)	0.24109 (06053108)	0.25266 (06053108)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372120.44	372150.44	372180.44	372210.44	372240.44
3757241.3	0.20032 (06053108)	0.22027 (06053108)	0.23598 (06053108)	0.24637 (06053108)	0.25032 (06053108)
3757211.3	0.21626 (06053108)	0.23068 (06053108)	0.23989 (06053108)	0.24283 (06053108)	0.23848 (06053108)
3757181.3	0.22524 (06053108)	0.23330 (06053108)	0.23526 (06053108)	0.23019 (06053108)	0.21740 (06053108)
3757151.3	0.22667 (06053108)	0.22769 (06053108)	0.22196 (06053108)	0.20897 (06053108)	0.18888 (06053108)
3757121.3	0.22019 (06053108)	0.21388 (06053108)	0.20075 (06053108)	0.18113 (06053108)	0.16370 (05051808)
3757091.3	0.20597 (06053108)	0.19280 (06053108)	0.17368 (06053108)	0.15293 (07091108)	0.16355 (05051808)
3757061.3	0.18513 (06053108)	0.16655 (06053108)	0.14376 (06053108)	0.15342 (05051808)	0.16007 (05051808)
3757031.3	0.15975 (06053108)	0.13798 (06053108)	0.14402 (05051808)	0.15111 (05051808)	0.15351 (05051808)
3757001.3	0.13249 (06053108)	0.13531 (05051808)	0.14268 (05051808)	0.14604 (05051808)	0.14428 (05051808)
3756971.3	0.12723 (05051808)	0.13476 (05051808)	0.13886 (05051808)	0.13848 (05051808)	0.13288 (05051808)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372270.44	372300.44	372330.44	372360.44	372390.44
3758441.3	0.09862 (06121424)	0.09914 (06121424)	0.09715 (05042124)	0.10508 (05042124)	0.10628 (05042124)
3758411.3	0.10140 (06121424)	0.10457 (06121424)	0.10386 (06121424)	0.10542 (05042124)	0.11100 (05042124)
3758381.3	0.10921 (06062808)	0.10841 (06121424)	0.11071 (06121424)	0.10839 (06121424)	0.11336 (05042124)
3758351.3	0.11861 (06062808)	0.11327 (06062808)	0.11582 (06121424)	0.11690 (06121424)	0.11303 (05042124)
3758321.3	0.12449 (06062808)	0.12407 (06062808)	0.11865 (06121424)	0.12360 (06121424)	0.12303 (06121424)
3758291.3	0.12616 (06062808)	0.13112 (06062808)	0.12986 (06062808)	0.12779 (06121424)	0.13167 (06121424)
3758261.3	0.12337 (06062808)	0.13359 (06062808)	0.13826 (06062808)	0.13601 (06062808)	0.13758 (06121424)
3758231.3	0.11634 (06062808)	0.13113 (06062808)	0.14163 (06062808)	0.14592 (06062808)	0.14256 (06062808)
3758201.3	0.11073 (06071408)	0.12402 (06062808)	0.13959 (06062808)	0.15037 (06062808)	0.15422 (06062808)
3758171.3	0.10871 (06071408)	0.11292 (06062808)	0.13239 (06062808)	0.14881 (06062808)	0.15984 (06062808)
3758141.3	0.12130 (06110124)	0.10872 (06071408)	0.12081 (06062808)	0.14155 (06062808)	0.15885 (06062808)
3758111.3	0.13947 (06110124)	0.13175 (06110124)	0.12017 (06110124)	0.12949 (06062808)	0.15157 (06062808)
3758081.3	0.14971 (06110124)	0.14727 (06110124)	0.14145 (06110124)	0.13162 (06110124)	0.13904 (06062808)
3758051.3	0.15284 (06110124)	0.15452 (06110124)	0.15374 (06110124)	0.14993 (06110124)	0.14222 (06110124)
3758021.3	0.16406 (07020624)	0.15650 (07020624)	0.15806 (06110124)	0.15871 (06110124)	0.15674 (06110124)
3757991.3	0.19810 (07020624)	0.19456 (07020624)	0.18894 (07020624)	0.18100 (07020624)	0.17048 (07020624)
3757961.3	0.22412 (07020624)	0.22574 (07020624)	0.22551 (07020624)	0.22318 (07020624)	0.21840 (07020624)
3757931.3	0.23773 (07020624)	0.24422 (07020624)	0.24932 (07020624)	0.25284 (07020624)	0.25456 (07020624)
3757901.3	0.23876 (07020624)	0.24899 (07020624)	0.25821 (07020624)	0.26619 (07020624)	0.27281 (07020624)
3757871.3	0.22982 (07020624)	0.24276 (07020624)	0.25501 (07020624)	0.26622 (07020624)	0.27610 (07020624)
3757841.3	0.21349 (07020624)	0.22839 (07020624)	0.24311 (07020624)	0.25714 (07020624)	0.26997 (07020624)
3757811.3	0.19114 (07020624)	0.20727 (07020624)	0.22385 (07020624)	0.24042 (07020624)	0.25635 (07020624)
3757781.3	0.17658 (05122608)	0.18551 (05122608)	0.19730 (07020624)	0.21564 (07020624)	0.23423 (07020624)
3757751.3	0.18344 (05122608)	0.19246 (05122608)	0.20198 (05122608)	0.21207 (05122608)	0.22277 (05122608)
3757721.3	0.18229 (05122608)	0.19147 (05122608)	0.20118 (05122608)	0.21146 (05122608)	0.22235 (05122608)
3757691.3	0.17377 (05122608)	0.18313 (05122608)	0.19323 (05122608)	0.20411 (05122608)	0.21582 (05122608)
3757661.3	0.15829 (05122608)	0.16768 (05020508)	0.18317 (05020508)	0.19990 (05020508)	0.21761 (05020508)
3757631.3	0.16318 (05083108)	0.17230 (05020508)	0.18707 (05020508)	0.20256 (05020508)	0.21849 (05020508)
3757601.3	0.16729 (07031308)	0.17718 (07031308)	0.18624 (07031308)	0.20152 (06012508)	0.21891 (06012508)
3757571.3	0.17939 (07031308)	0.18691 (07031308)	0.19398 (07031308)	0.21090 (06111808)	0.23184 (06111808)
3757541.3	0.18579 (07031308)	0.19173 (07031308)	0.20603 (07101908)	0.22212 (06111808)	0.24298 (06111808)
3757511.3	0.18783 (07101908)	0.20084 (07101908)	0.21358 (07101908)	0.22651 (06011108)	0.24767 (06011108)
3757481.3	0.19336 (07101908)	0.20357 (07101908)	0.21913 (06011108)	0.23741 (06011108)	0.25507 (06011108)
3757451.3	0.19513 (06011108)	0.21103 (06011108)	0.22630 (06011108)	0.24042 (06011108)	0.26549 (05020108)
3757421.3	0.20196 (06011108)	0.21410 (06011108)	0.23640 (06053108)	0.25991 (06053108)	0.27660 (06053108)
3757391.3	0.20776 (06053108)	0.23516 (06053108)	0.25750 (06053108)	0.27344 (06053108)	0.28195 (06053108)
3757361.3	0.23317 (06053108)	0.25426 (06053108)	0.26923 (06053108)	0.27705 (06053108)	0.27656 (06053108)
3757331.3	0.25035 (06053108)	0.26424 (06053108)	0.27119 (06053108)	0.27002 (06053108)	0.25924 (06053108)

Site #15 – Localized CO Concentrations

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3757301.3 |      0.25866 (06053108)      0.26465 (06053108)      0.26271 (06053108)      0.25144 (06053108)      0.24513 (07091108)
3757271.3 |      0.25764 (06053108)      0.25487 (06053108)      0.24314 (06053108)      0.22719 (07091108)      0.23465 (05051808)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                ***       06/29/10
                                  ***                                                                             ***       11:46:58
                                                                                                                            PAGE  34
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372270.44              372300.44              372330.44              372360.44              372390.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.24675 (06053108)      0.23460 (06053108)      0.21340 (06053108)      0.21796 (05051808)      0.22699 (05051808)
3757211.3 |      0.22597 (06053108)      0.20509 (06053108)      0.20260 (05051808)      0.21245 (05051808)      0.21296 (05051808)
3757181.3 |      0.19688 (06053108)      0.18851 (05051808)      0.19888 (05051808)      0.20133 (05051808)      0.19401 (05051808)
3757151.3 |      0.17557 (05051808)      0.18623 (05051808)      0.19021 (05051808)      0.18570 (05051808)      0.17622 (05041608)
3757121.3 |      0.17448 (05051808)      0.17962 (05051808)      0.17742 (05051808)      0.16682 (05051808)      0.16870 (05041608)
3757091.3 |      0.16957 (05051808)      0.16925 (05051808)      0.16147 (05051808)      0.15639 (05041608)      0.15962 (05041608)
3757061.3 |      0.16127 (05051808)      0.15586 (05051808)      0.14519 (05041608)      0.14898 (05041608)      0.14965 (05041608)
3757031.3 |      0.15010 (05051808)      0.14028 (05051808)      0.13917 (05041608)      0.14062 (05041608)      0.13945 (05041608)
3757001.3 |      0.13673 (05051808)      0.13019 (05041608)      0.13213 (05041608)      0.13187 (05041608)      0.12948 (05041608)
3756971.3 |      0.12198 (05041608)      0.12425 (05041608)      0.12458 (05041608)      0.12318 (05041608)      0.11999 (05041608)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                ***       06/29/10
                                  ***                                                                             ***       11:46:58
                                                                                                                            PAGE  35
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372420.44              372450.44              372480.44              372510.44              372540.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.09982 (05042124)      0.10999 (07070108)      0.11617 (07070108)      0.11340 (06070508)      0.11186 (06070508)
3758411.3 |      0.10865 (05042124)      0.10613 (07070108)      0.11774 (07070108)      0.11578 (07070108)      0.11640 (06070508)
3758381.3 |      0.11575 (05042124)      0.10913 (05042124)      0.11685 (07070108)      0.12079 (07070108)      0.12184 (06090508)
3758351.3 |      0.12055 (05042124)      0.11886 (05042124)      0.11340 (07070108)      0.12347 (07070108)      0.12675 (06090508)
3758321.3 |      0.12248 (05042124)      0.12646 (05042124)      0.11976 (05042124)      0.12347 (07070108)      0.13069 (06090508)
3758291.3 |      0.12890 (06121424)      0.13118 (05042124)      0.13047 (05042124)      0.12057 (07070108)      0.13332 (06090508)
3758261.3 |      0.13988 (06121424)      0.13426 (06121424)      0.13848 (05042124)      0.13189 (05042124)      0.13419 (06090508)
3758231.3 |      0.14794 (06121424)      0.14803 (06121424)      0.14290 (05042124)      0.14361 (05042124)      0.13386 (05110124)
3758201.3 |      0.15204 (06121424)      0.15877 (06121424)      0.15583 (06121424)      0.15186 (05042124)      0.14560 (05042124)
3758171.3 |      0.16321 (06062808)      0.16507 (06121424)      0.16985 (06121424)      0.16285 (06121424)      0.15823 (05042124)
3758141.3 |      0.17018 (06062808)      0.17307 (06062808)      0.17899 (06121424)      0.18084 (06121424)      0.16850 (06121424)
3758111.3 |      0.16980 (06062808)      0.18151 (06062808)      0.18401 (06062808)      0.19357 (06121424)      0.19122 (06121424)
3758081.3 |      0.16253 (06062808)      0.18175 (06062808)      0.19403 (06062808)      0.19897 (06121424)      0.20840 (06121424)
3758051.3 |      0.14954 (06062808)      0.17447 (06062808)      0.19484 (06062808)      0.20803 (06062808)      0.21715 (06121424)
3758021.3 |      0.15127 (06110124)      0.16108 (06062808)      0.18747 (06062808)      0.20921 (06062808)      0.22398 (06062808)
3757991.3 |      0.16154 (06110124)      0.15812 (06110124)      0.17371 (06062808)      0.20158 (06062808)      0.22506 (06062808)
3757961.3 |      0.21070 (07020624)      0.19948 (07020624)      0.18400 (07020624)      0.19035 (06020224)      0.21685 (06062808)
3757931.3 |      0.25413 (07020624)      0.25098 (07020624)      0.24425 (07020624)      0.23269 (07020624)      0.21608 (06020224)
3757901.3 |      0.27792 (07020624)      0.28125 (07020624)      0.28234 (07020624)      0.28027 (07020624)      0.27353 (07020624)
3757871.3 |      0.28444 (07020624)      0.29107 (07020624)      0.29570 (07020624)      0.29776 (07020624)      0.29611 (07020624)
3757841.3 |      0.28110 (07020624)      0.29012 (07020624)      0.29662 (07020624)      0.30003 (07020624)      0.29934 (07020624)
3757811.3 |      0.27086 (07020624)      0.28316 (07020624)      0.29246 (07020624)      0.29793 (07020624)      0.29852 (07020624)
3757781.3 |      0.25231 (07020624)      0.26877 (07020624)      0.28234 (07020624)      0.29164 (07020624)      0.29515 (07020624)
3757751.3 |      0.23418 (05122608)      0.24815 (07030608)      0.26330 (07030608)      0.27806 (07030608)      0.29170 (07030608)
3757721.3 |      0.23481 (07030608)      0.25251 (07030608)      0.26959 (07030608)      0.28555 (07030608)      0.30018 (07030608)
3757691.3 |      0.22841 (05122608)      0.24404 (05020508)      0.26395 (05020508)      0.28291 (05020508)      0.30043 (07030608)
3757661.3 |      0.23586 (05020508)      0.25410 (05020508)      0.27174 (05020508)      0.28821 (05020508)      0.32092 (06111808)
3757631.3 |      0.23460 (05020508)      0.25063 (05020508)      0.27447 (06111808)      0.30944 (06111808)      0.34933 (06111808)
3757601.3 |      0.23892 (06111808)      0.26593 (06111808)      0.29731 (06111808)      0.33343 (06111808)      0.37341 (06111808)
3757571.3 |      0.25594 (06111808)      0.28375 (06111808)      0.31570 (06111808)      0.35160 (06111808)      0.38976 (06111808)
3757541.3 |      0.26668 (06111808)      0.29348 (06111808)      0.32329 (06111808)      0.35490 (06111808)      0.38545 (06111808)
3757511.3 |      0.26857 (06011108)      0.29280 (05020108)      0.32812 (05020108)      0.36074 (05020108)      0.38856 (05020108)
3757481.3 |      0.27891 (05020108)      0.31057 (05020108)      0.33946 (05020108)      0.36302 (05020108)      0.37711 (05020108)
3757451.3 |      0.29326 (05020108)      0.31783 (05020108)      0.33642 (05020108)      0.34504 (05020108)      0.36093 (05030208)
3757421.3 |      0.29633 (05020108)      0.31018 (05020108)      0.31869 (07091108)      0.33320 (07091108)      0.33864 (05051808)
3757391.3 |      0.28517 (05020108)      0.29565 (07091108)      0.30912 (07091108)      0.31554 (05051808)      0.32134 (05041608)
3757361.3 |      0.27378 (07091108)      0.28616 (07091108)      0.29328 (05051808)      0.29466 (05051808)      0.30966 (05041608)
3757331.3 |      0.26478 (07091108)      0.27229 (05051808)      0.27647 (05051808)      0.27835 (05041608)      0.29044 (05041608)
3757301.3 |      0.25273 (05051808)      0.25903 (05051808)      0.25006 (05051808)      0.26495 (05041608)      0.26646 (05041608)
3757271.3 |      0.24253 (05051808)      0.23744 (05051808)      0.24081 (05041608)      0.24709 (05041608)      0.24023 (05041608)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                ***       06/29/10
                                  ***                                                                             ***       11:46:58
                                                                                                                            PAGE  36
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372420.44              372450.44              372480.44              372510.44              372540.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.22503 (05051808)      0.21875 (05041608)      0.22757 (05041608)      0.22666 (05041608)      0.21376 (05041608)
3757211.3 |      0.20220 (05051808)      0.20896 (05041608)      0.21167 (05041608)      0.20527 (05041608)      0.18850 (05041608)
3757181.3 |      0.19179 (05041608)      0.19661 (05041608)      0.19449 (05041608)      0.18427 (05041608)      0.16697 (05032508)
3757151.3 |      0.18216 (05041608)      0.18276 (05041608)      0.17712 (05041608)      0.16442 (05041608)      0.16422 (05032508)
3757121.3 |      0.17096 (05041608)      0.16839 (05041608)      0.16036 (05041608)      0.14620 (05041608)      0.15927 (05032508)
3757091.3 |      0.15903 (05041608)      0.15425 (05041608)      0.14467 (05041608)      0.14327 (05032508)      0.15272 (05032508)
3757061.3 |      0.14706 (05041608)      0.14081 (05041608)      0.13024 (05041608)      0.14010 (05032508)      0.14502 (05032508)
3757031.3 |      0.13550 (05041608)      0.12830 (05041608)      0.12685 (05111124)      0.13552 (05032508)      0.13661 (05032508)
3757001.3 |      0.12465 (05041608)      0.11677 (05041608)      0.12619 (05111124)      0.12993 (05032508)      0.12786 (05032508)
3756971.3 |      0.11458 (05041608)      0.11430 (05111124)      0.12381 (05111124)      0.12363 (05032508)      0.11901 (05032508)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                ***       06/29/10
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Site #15 – Localized CO Concentrations

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                              ***                                                                ***        11:46:58
                                                                                                            PAGE  37
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                           *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):      AREA1   ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF CO       IN PPM                                  **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372570.44              372600.44              372630.44              372660.44              372690.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.11256 (06090508)      0.11205 (06090508)      0.10839 (06090508)      0.10857 (07050908)      0.14695 (07050908)
3758411.3 |      0.11982 (06090508)      0.12008 (06090508)      0.11663 (06090508)      0.10998 (07050908)      0.15133 (07050908)
3758381.3 |      0.12734 (06090508)      0.12880 (06090508)      0.12581 (06090508)      0.11731 (06090508)      0.15583 (07050908)
3758351.3 |      0.13494 (06090508)      0.13819 (06090508)      0.13603 (06090508)      0.12747 (06090508)      0.16045 (07050908)
3758321.3 |      0.14233 (06090508)      0.14810 (06090508)      0.14735 (06090508)      0.13897 (06090508)      0.16516 (07050908)
3758291.3 |      0.14914 (06090508)      0.15834 (06090508)      0.15974 (06090508)      0.15200 (06090508)      0.16996 (07050908)
3758261.3 |      0.15493 (06090508)      0.16857 (06090508)      0.17313 (06090508)      0.16670 (06090508)      0.17482 (07050908)
3758231.3 |      0.15916 (06090508)      0.17833 (06090508)      0.18731 (06090508)      0.18320 (06090508)      0.17970 (07050908)
3758201.3 |      0.16127 (06090508)      0.18704 (06090508)      0.20189 (06090508)      0.20149 (06090508)      0.18456 (07050908)
3758171.3 |      0.16065 (06090508)      0.19394 (06090508)      0.21634 (06090508)      0.22141 (06090508)      0.20487 (06090508)
3758141.3 |      0.16072 (05042124)      0.19825 (06090508)      0.22986 (06090508)      0.24259 (06090508)      0.22937 (06090508)
3758111.3 |      0.17397 (05042124)      0.19903 (06090508)      0.24143 (06090508)      0.26436 (06090508)      0.25688 (06090508)
3758081.3 |      0.20014 (06121424)      0.19545 (06090508)      0.24990 (06090508)      0.28575 (06090508)      0.28699 (06090508)
3758051.3 |      0.22272 (06121424)      0.20620 (06121424)      0.25377 (06090508)      0.30545 (06090508)      0.31890 (06090508)
3758021.3 |      0.23562 (06121424)      0.23495 (06121424)      0.25163 (06090508)      0.32179 (06090508)      0.35132 (06090508)
3757991.3 |      0.24254 (06062808)      0.25276 (06121424)      0.26014 (07071408)      0.33269 (06090508)      0.38247 (06090508)
3757961.3 |      0.24264 (06062808)      0.26432 (06062808)      0.28358 (07071408)      0.33659 (06090508)      0.41022 (06090508)
3757931.3 |      0.23333 (06062808)      0.26197 (06062808)      0.29800 (05110124)      0.34466 (05110124)      0.43216 (06090508)
3757901.3 |      0.25971 (07020624)      0.25109 (06020224)      0.29850 (05110124)      0.35717 (05110124)      0.44045 (06090508)
3757871.3 |      0.28866 (07020624)      0.27195 (07020624)      0.29238 (05061508)      0.34244 (05110124)      0.42071 (06090508)
3757841.3 |      0.29464 (05072408)      0.28653 (05072408)      0.29929 (06092808)      0.33818 (06092808)      0.38419 (06090508)
3757811.3 |      0.30002 (05072408)      0.31322 (05122608)      0.32164 (05122608)      0.32958 (05092708)      0.34805 (05110124)
3757781.3 |      0.30351 (05122608)      0.31795 (05122608)      0.32662 (05012208)      0.33288 (05092708)      0.31745 (05110124)
3757751.3 |      0.31012 (05012208)      0.33094 (05012208)      0.34408 (06121408)      0.34514 (06121408)      0.31115m(05041208)
3757721.3 |      0.31343 (07030608)      0.33406 (06111808)      0.36966 (06111808)      0.36707 (06111808)      0.34119 (06112508)
3757691.3 |      0.33042 (06111808)      0.37392 (06111808)      0.40484 (06111808)      0.40085 (06013008)      0.38038 (06112508)
3757661.3 |      0.36396 (06111808)      0.40537 (06111808)      0.43071 (06111808)      0.42863 (06112508)      0.40727 (06112508)
3757631.3 |      0.39173 (06111808)      0.42968 (06111808)      0.44926 (06111808)      0.45653 (06112508)      0.42603 (06112508)
3757601.3 |      0.41387 (06111808)      0.44771 (06111808)      0.46192 (06111808)      0.47701 (06112508)      0.43941 (06112508)
3757571.3 |      0.42626 (06111808)      0.45438 (06111808)      0.46228 (06111808)      0.49190 (06112508)      0.44836 (06112508)
3757541.3 |      0.41121 (05020108)      0.43837 (05030208)      0.45990 (06112508)      0.48199 (06112508)      0.42565 (06112508)
3757511.3 |      0.41114 (05030208)      0.42833 (05030208)      0.45508 (05041608)      0.45283 (05041608)      0.39790 (05032508)
3757481.3 |      0.39555 (05030208)      0.41288 (05041608)      0.43820 (05041608)      0.40525 (05041608)      0.37614 (05032508)
3757451.3 |      0.36652 (05041608)      0.40218 (05041608)      0.39958 (05041608)      0.34590 (05041608)      0.34919 (07081508)
3757421.3 |      0.36106 (05041608)      0.37481 (05041608)      0.35007 (05041608)      0.31923 (05032508)      0.36116 (07081508)
3757391.3 |      0.34278 (05041608)      0.33733 (05041608)      0.29807 (05041608)      0.29906 (05032508)      0.36748 (07081508)
3757361.3 |      0.31563 (05041608)      0.29578 (05041608)      0.26934 (05032508)      0.27527 (05032508)      0.36952 (07081508)
3757331.3 |      0.28374 (05041608)      0.25435 (05041608)      0.25629 (05032508)      0.24955 (05032508)      0.36835 (07081508)
3757301.3 |      0.25041 (05041608)      0.22801 (05032508)      0.23965 (05032508)      0.23342 (07081508)      0.36472 (07081508)
3757271.3 |      0.21805 (05041608)      0.21989 (05032508)      0.22089 (05032508)      0.23736 (07081508)      0.35930 (07081508)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                ***        06/29/10
                              ***                                                                ***        11:46:58
                                                                                                            PAGE  38
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                           *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):      AREA1   ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF CO       IN PPM                                  **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372570.44              372600.44              372630.44              372660.44              372690.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.19434 (05032508)      0.20862 (05032508)      0.20126 (05032508)      0.23948 (07081508)      0.35256 (07081508)
3757211.3 |      0.18946 (05032508)      0.19527 (05032508)      0.18171 (05032508)      0.24010 (07081508)      0.34489 (07081508)
3757181.3 |      0.18196 (05032508)      0.18078 (05032508)      0.17320 (05102624)      0.23946 (07081508)      0.33661 (07081508)
3757151.3 |      0.17257 (05032508)      0.16590 (05032508)      0.16727 (05102624)      0.23781 (07081508)      0.32795 (07081508)
3757121.3 |      0.16198 (05032508)      0.15121 (05032508)      0.16214 (07081508)      0.23535 (07081508)      0.31914 (07081508)
3757091.3 |      0.15078 (05032508)      0.14197 (05102624)      0.16323 (07081508)      0.23226 (07081508)      0.31030 (07081508)
3757061.3 |      0.13940 (05032508)      0.13843 (05102624)      0.16359 (07081508)      0.22871 (07081508)      0.30154 (07081508)
3757031.3 |      0.12819 (05032508)      0.13430 (05102624)      0.16334 (07081508)      0.22481 (07081508)      0.29294 (07081508)
3757001.3 |      0.11792 (05102624)      0.12976 (05102624)      0.16257 (07081508)      0.22068 (07081508)      0.28455 (07081508)
3756971.3 |      0.11584 (05102624)      0.12493 (05102624)      0.16139 (07081508)      0.21639 (07081508)      0.27641 (07081508)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                ***        06/29/10
                              ***                                                                ***        11:46:58
                                                                                                            PAGE  39
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                           *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):      AREA1   ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF CO       IN PPM                                  **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372720.44              372750.44              372780.44              372810.44              372840.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.17681 (07050908)      0.18877 (07050908)      0.17861 (07050908)      0.15676 (07072608)      0.13171 (07072608)
3758411.3 |      0.18399 (07050908)      0.19738 (07050908)      0.18664 (07050908)      0.15980 (07072608)      0.13293 (07072608)
3758381.3 |      0.19161 (07050908)      0.20662 (07050908)      0.19524 (07050908)      0.16274 (07072608)      0.13423 (06072208)
3758351.3 |      0.19969 (07050908)      0.21651 (07050908)      0.20446 (07050908)      0.16767 (07050908)      0.14032 (06072208)
3758321.3 |      0.20825 (07050908)      0.22712 (07050908)      0.21437 (07050908)      0.17450 (07050908)      0.14857 (06070808)
3758291.3 |      0.21733 (07050908)      0.23849 (07050908)      0.22499 (07050908)      0.18175 (07050908)      0.15970 (06070808)
3758261.3 |      0.22693 (07050908)      0.25068 (07050908)      0.23639 (07050908)      0.18945 (07050908)      0.17138 (06070808)
3758231.3 |      0.23708 (07050908)      0.26369 (07050908)      0.24861 (07050908)      0.19763 (07050908)      0.18347 (06070808)
3758201.3 |      0.24778 (07050908)      0.27754 (07050908)      0.26166 (07050908)      0.20631 (07050908)      0.19573 (06070808)
3758171.3 |      0.25903 (07050908)      0.29220 (07050908)      0.27555 (07050908)      0.21552 (07050908)      0.20791 (06070808)
3758141.3 |      0.27078 (07050908)      0.30758 (07050908)      0.29022 (07050908)      0.22527 (07050908)      0.21962 (06070808)
3758111.3 |      0.28294 (07050908)      0.32344 (07050908)      0.30554 (07050908)      0.23583 (06072208)      0.23042 (06070808)
3758081.3 |      0.29534 (07050908)      0.33944 (07050908)      0.32124 (07050908)      0.25250 (06070224)      0.24271 (06070224)
3758051.3 |      0.30765 (07050908)      0.35491 (07050908)      0.33678 (07050908)      0.27391 (06070224)      0.25755 (06070224)
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Site #15 – Localized CO Concentrations

3758021.3	0.32329 (06090508)	0.36880 (07050908)	0.35126 (07050908)	0.29663 (06070224)	0.27243 (06070224)
3757991.3	0.36382 (06090508)	0.37934 (07050908)	0.36306 (07050908)	0.31998 (06070224)	0.28632 (06070224)
3757961.3	0.40218 (06090508)	0.38409 (07050908)	0.36950 (07050908)	0.34180 (06070224)	0.31598 (05091508)
3757931.3	0.43263 (06090508)	0.38024 (07050908)	0.36670 (07050908)	0.35717 (06070224)	0.33661 (05091508)
3757901.3	0.44656 (06090508)	0.38372 (06090508)	0.36640 (06072208)	0.35761 (06070224)	0.33931 (07031808)
3757871.3	0.43353 (06090508)	0.37487 (06090508)	0.34548 (06072208)	0.33856 (06070224)	0.33459 (06011124)
3757841.3	0.40134 (06090508)	0.35100 (06090508)	0.31631 (06091108)	0.30842 (06070224)	0.32352 (06011124)
3757811.3	0.36332 (06090508)	0.32275 (06090508)	0.29622 (06091108)	0.28442 (07031808)	0.31166 (07111808)
3757781.3	0.32016 (06090508)	0.28920 (06090508)	0.27103 (06091108)	0.26530 (07031808)	0.30112 (07111808)
3757751.3	0.27128 (06090508)	0.24930 (06090508)	0.23985 (06091108)	0.24610 (07111808)	0.28355 (07111808)
3757721.3	0.28225 (06112508)	0.24506 (07120808)	0.22831 (07120808)	0.23142 (05081208)	0.28267 (05081208)
3757691.3	0.30675 (06112508)	0.29483 (07120808)	0.27766 (07120808)	0.25957 (05111024)	0.30214 (05081208)
3757661.3	0.32268 (06112508)	0.33547 (07120808)	0.32014 (07120808)	0.28113 (05111024)	0.31267 (05081208)
3757631.3	0.35303 (05032508)	0.36722 (07120808)	0.35613 (07120808)	0.29772 (05081508)	0.32577 (05081508)
3757601.3	0.38622 (05032508)	0.39997 (07081508)	0.38674 (07081508)	0.32684 (07120808)	0.34801 (05081508)
3757571.3	0.41105 (05032508)	0.46408 (07081508)	0.44766 (07081508)	0.35539 (07120808)	0.36153 (05081508)
3757541.3	0.44657 (07081508)	0.51584 (07081508)	0.49636 (07081508)	0.39042 (07081508)	0.34689 (05081508)
3757511.3	0.48788 (07081508)	0.56370 (07081508)	0.54135 (07081508)	0.42475 (07081508)	0.30889 (07120808)
3757481.3	0.51533 (07081508)	0.59540 (07081508)	0.57053 (07081508)	0.44639 (07081508)	0.30578 (07120808)
3757451.3	0.52770 (07081508)	0.60872 (07081508)	0.58194 (07081508)	0.45507 (07081508)	0.29445 (07120808)
3757421.3	0.52922 (07081508)	0.60817 (07081508)	0.58045 (07081508)	0.45520 (07081508)	0.28170 (07081608)
3757391.3	0.52364 (07081508)	0.59845 (07081508)	0.57080 (07081508)	0.45011 (07081508)	0.28824 (07081608)
3757361.3	0.51346 (07081508)	0.58314 (07081508)	0.55631 (07081508)	0.44190 (07081508)	0.29178 (07081608)
3757331.3	0.50036 (07081508)	0.56462 (07081508)	0.53916 (07081508)	0.43179 (07081508)	0.29306 (07081608)
3757301.3	0.48552 (07081508)	0.54453 (07081508)	0.52068 (07081508)	0.42058 (07081508)	0.29261 (07081608)
3757271.3	0.46976 (07081508)	0.52388 (07081508)	0.50172 (07081508)	0.40877 (07081508)	0.29077 (07081608)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372720.44	372750.44	372780.44	372810.44	372840.44
3757241.3	0.45363 (07081508)	0.50330 (07081508)	0.48284 (07081508)	0.39669 (07081508)	0.28787 (07081608)
3757211.3	0.43753 (07081508)	0.48322 (07081508)	0.46434 (07081508)	0.38457 (07081508)	0.28413 (07081608)
3757181.3	0.42173 (07081508)	0.46384 (07081508)	0.44644 (07081508)	0.37258 (07081508)	0.27972 (07081608)
3757151.3	0.40637 (07081508)	0.44529 (07081508)	0.42925 (07081508)	0.36082 (07081508)	0.27482 (07081608)
3757121.3	0.39159 (07081508)	0.42762 (07081508)	0.41281 (07081508)	0.34937 (07081508)	0.26953 (07081608)
3757091.3	0.37743 (07081508)	0.41085 (07081508)	0.39714 (07081508)	0.33826 (07081508)	0.26397 (07081608)
3757061.3	0.36390 (07081508)	0.39498 (07081508)	0.38226 (07081508)	0.32754 (07081508)	0.25824 (07081608)
3757031.3	0.35102 (07081508)	0.37997 (07081508)	0.36815 (07081508)	0.31722 (07081508)	0.25240 (07081608)
3757001.3	0.33878 (07081508)	0.36579 (07081508)	0.35476 (07081508)	0.30729 (07081508)	0.24652 (07081608)
3756971.3	0.32716 (07081508)	0.35237 (07081508)	0.34207 (07081508)	0.29777 (07081508)	0.24065 (07081608)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372870.44	372900.44	372930.44	372960.44	372990.44
3758441.3	0.12467 (06070808)	0.12833 (06070808)	0.12475 (07122008)	0.11229 (07122008)	0.11093 (05091508)
3758411.3	0.13252 (06070808)	0.13401 (06070808)	0.12666 (07122008)	0.11325 (05091508)	0.11658 (05091508)
3758381.3	0.14066 (06070808)	0.13945 (06070808)	0.12745 (07122008)	0.12123 (05091508)	0.12187 (05091508)
3758351.3	0.14898 (06070808)	0.14448 (06070808)	0.12694 (07122008)	0.12910 (05091508)	0.12668 (05091508)
3758321.3	0.15738 (06070808)	0.14892 (06070808)	0.13134 (05091508)	0.13671 (05091508)	0.13095 (05091508)
3758291.3	0.16569 (06070808)	0.15256 (06070808)	0.14202 (05091508)	0.14395 (05091508)	0.13468 (05091508)
3758261.3	0.17367 (06070808)	0.15515 (06070808)	0.15273 (05091508)	0.15071 (05091508)	0.13788 (05091508)
3758231.3	0.18111 (06070808)	0.15646 (06070808)	0.16334 (05091508)	0.15694 (05091508)	0.14078 (05091508)
3758201.3	0.18768 (06070808)	0.16914 (05091508)	0.17370 (05091508)	0.16274 (05091508)	0.14366 (05091508)
3758171.3	0.19302 (06070808)	0.18427 (05091508)	0.18382 (05091508)	0.16831 (05091508)	0.14688 (05091508)
3758141.3	0.19674 (06070808)	0.19979 (05091508)	0.19376 (05091508)	0.17397 (05091508)	0.15068 (05091508)
3758111.3	0.20513 (05091508)	0.21575 (05091508)	0.20371 (05091508)	0.17991 (05091508)	0.15519 (05011624)
3758081.3	0.22760 (05091508)	0.23216 (05091508)	0.21368 (05091508)	0.18574 (05091508)	0.17597 (05072008)
3758051.3	0.25175 (05091508)	0.24872 (05091508)	0.22292 (05091508)	0.19021 (05091508)	0.19875 (05072008)
3758021.3	0.27705 (05091508)	0.26402 (05091508)	0.22965 (05091508)	0.21158 (05072008)	0.21195 (05072008)
3757991.3	0.30099 (05091508)	0.27504 (05091508)	0.23082 (05091508)	0.22632 (05072008)	0.22863 (06101008)
3757961.3	0.31840 (05091508)	0.27752 (05091508)	0.23986 (05072008)	0.26910 (06101008)	0.28154 (06101008)
3757931.3	0.32232 (05091508)	0.28494 (06101008)	0.31102 (06101008)	0.31536 (06101008)	0.30850 (06101008)
3757901.3	0.32020 (06011124)	0.34178 (06101008)	0.34085 (06101008)	0.32957 (06101008)	0.31396 (06101008)
3757871.3	0.33719 (06101008)	0.35059 (06101008)	0.34409 (06101008)	0.32938 (06101008)	0.31048 (06101008)
3757841.3	0.33797 (06101008)	0.35049 (06101008)	0.34237 (06101008)	0.32481 (06101008)	0.30163 (06101008)
3757811.3	0.33744 (06101008)	0.34849 (06101008)	0.33722 (06101008)	0.31459 (06101008)	0.28485 (06101008)
3757781.3	0.33545 (06101008)	0.34283 (06101008)	0.32537 (06101008)	0.29455 (06101008)	0.25608 (06101008)
3757751.3	0.32932 (06101008)	0.32896 (06101008)	0.30112 (06101008)	0.25928 (06101008)	0.23370 (06081808)
3757721.3	0.31284 (06101008)	0.29904 (06101008)	0.27545 (06081808)	0.25937 (06081808)	0.23871 (06081808)
3757691.3	0.30555 (05081208)	0.28020 (06081808)	0.27168 (06081808)	0.25338 (06081808)	0.23044 (06081808)
3757661.3	0.32236 (05081208)	0.28430 (05081208)	0.25348 (06051408)	0.22886 (06081808)	0.20395 (06081808)
3757631.3	0.32951 (05081208)	0.29711 (05081208)	0.25966 (06051408)	0.23627 (06051408)	0.21129 (06051408)
3757601.3	0.32762 (05031408)	0.29768 (05081208)	0.25913 (06051408)	0.23820 (06051408)	0.21692 (06051408)
3757571.3	0.32150 (05031408)	0.29833 (05031408)	0.25963 (05031408)	0.23021 (05070408)	0.20897 (05070408)
3757541.3	0.31823 (05081508)	0.28812 (05031408)	0.26019 (05031408)	0.22634 (05070408)	0.20807 (05070408)
3757511.3	0.29552 (05081508)	0.26231 (05031408)	0.24993 (05031408)	0.22488 (05031408)	0.19600 (05090408)
3757481.3	0.26709 (05081908)	0.24556 (05081908)	0.22893 (05031408)	0.21655 (05031408)	0.19519 (05031408)
3757451.3	0.25209 (05081908)	0.24184 (05081908)	0.20403 (05081908)	0.19985 (05031408)	0.18822 (05031408)
3757421.3	0.23425 (05081908)	0.23625 (05081908)	0.20671 (05081908)	0.17821 (05031408)	0.17517 (05031408)
3757391.3	0.22130 (07120808)	0.22723 (05081908)	0.20812 (05081908)	0.17581 (06072808)	0.15892 (05031408)
3757361.3	0.21617 (07120808)	0.21465 (05081908)	0.20670 (05081908)	0.18080 (06072808)	0.15515 (06072808)
3757331.3	0.20868 (07120808)	0.19921 (05081908)	0.20181 (05081908)	0.18079 (06072808)	0.16058 (06072808)
3757301.3	0.19962 (07120808)	0.18174 (05081908)	0.19353 (05081908)	0.18109 (05081908)	0.16190 (06072808)
3757271.3	0.18962 (07120808)	0.16307 (05081908)	0.18234 (05081908)	0.17896 (05081908)	0.15935 (06072808)

**MODELOPTs: NonDFAULT CONC FLAT

Site #15 – Localized CO Concentrations

NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS)				
	372870.44	372900.44	372930.44	372960.44	372990.44
3757241.3	0.18267 (07081608)	0.15915 (07120808)	0.16887 (05081908)	0.17378 (05081908)	0.15952 (05081908)
3757211.3	0.18579 (07081608)	0.15449 (07120808)	0.15387 (05081908)	0.16586 (05081908)	0.15919 (05081908)
3757181.3	0.18793 (07081608)	0.14898 (07120808)	0.13810 (05081908)	0.15566 (05081908)	0.15617 (05081908)
3757151.3	0.18921 (07081608)	0.14293 (07120808)	0.12448 (07120808)	0.14382 (05081908)	0.15066 (05081908)
3757121.3	0.18975 (07081608)	0.13657 (07120808)	0.12208 (07120808)	0.13097 (05081908)	0.14301 (05081908)
3757091.3	0.18965 (07081608)	0.13009 (07120808)	0.11903 (07120808)	0.11774 (05081908)	0.13373 (05081908)
3757061.3	0.18901 (07081608)	0.12427 (07081608)	0.11553 (07120808)	0.10466 (05081908)	0.12337 (05081908)
3757031.3	0.18792 (07081608)	0.12644 (07081608)	0.11170 (07120808)	0.09845 (07120808)	0.11242 (05081908)
3757001.3	0.18643 (07081608)	0.12813 (07081608)	0.10768 (07120808)	0.09676 (07120808)	0.10134 (05081908)
3756971.3	0.18461 (07081608)	0.12938 (07081608)	0.10355 (07120808)	0.09472 (07120808)	0.09049 (05081908)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS)				
	373020.44	373050.44	373080.44	373110.44	373140.44
3758441.3	0.10849 (05091508)	0.10920 (07091724)	0.11452 (07091724)	0.10836 (07091724)	0.09381 (07091724)
3758411.3	0.11158 (05091508)	0.11572 (07091724)	0.11601 (07091724)	0.10522 (07091724)	0.08760 (07091724)
3758381.3	0.11416 (05091508)	0.12031 (07091724)	0.11525 (07091724)	0.10019 (07091724)	0.08028 (07091724)
3758351.3	0.12005 (07091724)	0.12258 (07091724)	0.11219 (07091724)	0.09352 (07091724)	0.08457 (05030608)
3758321.3	0.12578 (07091724)	0.12232 (07091724)	0.10698 (07091724)	0.08927 (05011624)	0.09409 (05030608)
3758291.3	0.12899 (07091724)	0.11946 (07091724)	0.09994 (07091724)	0.09719 (05030608)	0.10341 (05072008)
3758261.3	0.12937 (07091724)	0.11417 (07091724)	0.10269 (05011624)	0.10677 (05030608)	0.12020 (05072008)
3758231.3	0.12688 (07091724)	0.11283 (05011624)	0.11155 (05030608)	0.12520 (05072008)	0.13506 (05072008)
3758201.3	0.12389 (05091508)	0.11889 (05011624)	0.13049 (05072008)	0.14207 (05072008)	0.14628 (05072008)
3758171.3	0.13182 (05011624)	0.13606 (05072008)	0.14965 (05072008)	0.15504 (05072008)	0.15242 (05072008)
3758141.3	0.14185 (05072008)	0.15785 (05072008)	0.16461 (05072008)	0.16238 (05072008)	0.15271 (05072008)
3758111.3	0.16665 (05072008)	0.17507 (05072008)	0.17325 (05072008)	0.16316 (05072008)	0.14715 (05072008)
3758081.3	0.18648 (05072008)	0.18514 (05072008)	0.17452 (05072008)	0.16049 (06101008)	0.17511 (06101008)
3758051.3	0.19808 (05072008)	0.18682 (05072008)	0.18506 (06101008)	0.19871 (06101008)	0.20590 (06101008)
3758021.3	0.20005 (05072008)	0.21377 (06101008)	0.22507 (06101008)	0.22894 (06101008)	0.22692 (06101008)
3757991.3	0.24642 (06101008)	0.25342 (06101008)	0.25257 (06101008)	0.24612 (06101008)	0.23563 (06101008)
3757961.3	0.28213 (06101008)	0.27546 (06101008)	0.26425 (06101008)	0.24987 (06101008)	0.23312 (06101008)
3757931.3	0.29618 (06101008)	0.28076 (06101008)	0.26305 (06101008)	0.24336 (06101008)	0.22208 (06101008)
3757901.3	0.29589 (06101008)	0.27567 (06101008)	0.25336 (06101008)	0.22931 (06101008)	0.20422 (06101008)
3757871.3	0.28844 (06101008)	0.26360 (06101008)	0.23652 (06101008)	0.20818 (06101008)	0.17983 (06101008)
3757841.3	0.27421 (06101008)	0.24367 (06101008)	0.21152 (06101008)	0.17953 (06101008)	0.16076 (06042808)
3757811.3	0.25042 (06101008)	0.21380 (06101008)	0.18775 (05022824)	0.17755 (05022824)	0.16759 (05022824)
3757781.3	0.21431 (06101008)	0.20086 (05022824)	0.18980 (05022824)	0.17864 (05022824)	0.16744 (05022824)
3757751.3	0.21433 (06081808)	0.19685 (05022824)	0.18419 (05022824)	0.17138 (05022824)	0.15948 (05111224)
3757721.3	0.21620 (06081808)	0.19377 (06081808)	0.17277 (06081808)	0.16285 (05111224)	0.15682 (05111224)
3757691.3	0.20586 (06081808)	0.18172 (06081808)	0.16956 (06051424)	0.16028 (06051424)	0.15142 (06051424)
3757661.3	0.18424 (06051424)	0.17315 (06051424)	0.16281 (06051424)	0.15325 (06051424)	0.14441 (06051424)
3757631.3	0.18521 (06051408)	0.15887 (06051408)	0.14794 (06051424)	0.13877 (06051424)	0.13060 (06051424)
3757601.3	0.19512 (06051408)	0.17267 (06051408)	0.14999 (06051408)	0.12984 (06030808)	0.11742 (06030808)
3757571.3	0.19168 (06051408)	0.17422 (06051408)	0.15597 (06051408)	0.13765 (05070408)	0.12226 (06030808)
3757541.3	0.19203 (05070408)	0.17731 (05070408)	0.16278 (05070408)	0.14784 (05070408)	0.13253 (05070408)
3757511.3	0.18890 (05090408)	0.17773 (05090408)	0.16426 (05090408)	0.15199 (05070408)	0.13970 (05070408)
3757481.3	0.18522 (05090408)	0.17973 (05090408)	0.17037 (05090408)	0.15881 (05090408)	0.14640 (05090408)
3757451.3	0.17318 (05090408)	0.17418 (05090408)	0.17003 (05090408)	0.16229 (05090408)	0.15253 (05090408)
3757421.3	0.16430 (05031408)	0.16172 (05090408)	0.16347 (05090408)	0.16045 (05090408)	0.15411 (05090408)
3757391.3	0.15427 (05031408)	0.14411 (05031408)	0.15069 (05090408)	0.15315 (05090408)	0.15121 (05090408)
3757361.3	0.14218 (05031408)	0.13657 (05031408)	0.13249 (05090408)	0.14008 (05090408)	0.14318 (05090408)
3757331.3	0.13783 (06072808)	0.12764 (05031408)	0.12149 (05031408)	0.12252 (05090408)	0.12991 (05090408)
3757301.3	0.14287 (06072808)	0.12369 (06072808)	0.11497 (05031408)	0.10862 (05031408)	0.11318 (05090408)
3757271.3	0.14447 (06072808)	0.12799 (06072808)	0.11398 (06071724)	0.11150 (06071724)	0.10270 (07072008)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS)				
	373020.44	373050.44	373080.44	373110.44	373140.44
3757241.3	0.14303 (06072808)	0.12932 (06072808)	0.11583 (06072808)	0.11215 (06071724)	0.10745 (06071724)
3757211.3	0.13938 (06072808)	0.12818 (06072808)	0.11665 (06072808)	0.10823 (06071724)	0.10944 (06071724)
3757181.3	0.14145 (05081908)	0.12537 (06072808)	0.11533 (06072808)	0.10630 (06072808)	0.10712 (06071724)
3757151.3	0.14226 (05081908)	0.12282 (05081908)	0.11272 (06072808)	0.10462 (06072808)	0.10064 (06071724)
3757121.3	0.14073 (05081908)	0.12626 (05081908)	0.10963 (06072808)	0.10184 (06072808)	0.09590 (06072808)
3757091.3	0.13697 (05081908)	0.12779 (05081908)	0.10983 (05081908)	0.09879 (06072808)	0.09279 (06072808)
3757061.3	0.13129 (05081908)	0.12726 (05081908)	0.11342 (05081908)	0.09602 (06072808)	0.08949 (06072808)
3757031.3	0.12407 (05081908)	0.12479 (05081908)	0.11536 (05081908)	0.09888 (05081908)	0.08661 (06072808)
3757001.3	0.11573 (05081908)	0.12062 (05081908)	0.11552 (05081908)	0.10248 (05081908)	0.08500 (05081908)
3756971.3	0.10672 (05081908)	0.11500 (05081908)	0.11400 (05081908)	0.10463 (05081908)	0.08958 (05081908)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

Site #15 – Localized CO Concentrations

```
                         INCLUDING SOURCE(S):      AREA1   ,

                          *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                               ** CONC OF CO       IN PPM                                  **

 Y-COORD  |                                        X-COORD (METERS)
 (METERS) |       373170.44              373200.44              373230.44              373260.44              373290.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.07538 (07091724)      0.07324 (07070124)      0.07871 (07070124)      0.08013 (05072008)      0.08915 (05072008)
3758411.3 |      0.07367 (05030608)      0.08045 (05030608)      0.08311 (05030608)      0.09189 (05072008)      0.09874 (05072008)
3758381.3 |      0.08272 (05030608)      0.08693 (05030608)      0.09467 (05072008)      0.10264 (05072008)      0.10644 (05072008)
3758351.3 |      0.09062 (05030608)      0.09752 (05072008)      0.10672 (05072008)      0.11146 (05072008)      0.11152 (05072008)
3758321.3 |      0.10042 (05072008)      0.11099 (05072008)      0.11679 (05072008)      0.11748 (05072008)      0.11343 (05072008)
3758291.3 |      0.11547 (05072008)      0.12247 (05072008)      0.12388 (05072008)      0.12003 (05072008)      0.11187 (05072008)
3758261.3 |      0.12855 (05072008)      0.13077 (05072008)      0.12717 (05072008)      0.11875 (05072008)      0.10688 (05072008)
3758231.3 |      0.13821 (05072008)      0.13490 (05072008)      0.12621 (05072008)      0.11364 (05072008)      0.10156 (07070508)
3758201.3 |      0.14329 (05072008)      0.13431 (05072008)      0.12098 (05072008)      0.11119 (07070508)      0.11847 (07070508)
3758171.3 |      0.14312 (05072008)      0.12898 (05072008)      0.12196 (07070508)      0.13180 (06101008)      0.13945 (06101008)
3758141.3 |      0.13768 (05072008)      0.13654 (06101008)      0.14724 (06101008)      0.15433 (06101008)      0.15792 (06101008)
3758111.3 |      0.15443 (06101008)      0.16474 (06101008)      0.17075 (06101008)      0.17277 (06101008)      0.17124 (06101008)
3758081.3 |      0.18435 (06101008)      0.18858 (06101008)      0.18839 (06101008)      0.18447 (06101008)      0.17754 (06101008)
3758051.3 |      0.20748 (06101008)      0.20441 (06101008)      0.19760 (06101008)      0.18794 (06101008)      0.17623 (06101008)
3758021.3 |      0.22034 (06101008)      0.21028 (06101008)      0.19766 (06101008)      0.18331 (06101008)      0.16796 (06101008)
3757991.3 |      0.22215 (06101008)      0.20654 (06101008)      0.18954 (06101008)      0.17187 (06101008)      0.15413 (06101008)
3757961.3 |      0.21461 (06101008)      0.19499 (06101008)      0.17496 (06101008)      0.15516 (06101008)      0.13610 (06101008)
3757931.3 |      0.19983 (06101008)      0.17733 (06101008)      0.15532 (06101008)      0.13664 (07062124)      0.12614 (07062124)
3757901.3 |      0.17900 (06101008)      0.15456 (06101008)      0.13710 (07062124)      0.13254 (05071508)      0.12928 (05071508)
3757871.3 |      0.15266 (06101008)      0.14335 (05071508)      0.13919 (05071508)      0.13496 (05071508)      0.13063 (05071508)
3757841.3 |      0.15178 (05022824)      0.14383 (05022824)      0.13860 (05071508)      0.13338 (05071508)      0.12792 (05071508)
3757811.3 |      0.15782 (05022824)      0.14822 (05022824)      0.13881 (05022824)      0.12965 (05022824)      0.12082 (05022824)
3757781.3 |      0.15631 (05022824)      0.14541 (05022824)      0.13522 (05111224)      0.12881 (05111224)      0.12260 (05111224)
3757751.3 |      0.15325 (05111224)      0.14696 (05111224)      0.14069 (05111224)      0.13451 (05111224)      0.12848 (05111224)
3757721.3 |      0.15073 (05111224)      0.14470 (05111224)      0.13879 (05111224)      0.13307 (05111224)      0.12755 (05111224)
3757691.3 |      0.14340 (05111224)      0.13764 (05111224)      0.13219 (05111224)      0.12705 (05111224)      0.12221 (05111224)
3757661.3 |      0.13623 (06051424)      0.12863 (06051424)      0.12298 (05111224)      0.11857 (05111224)      0.11447 (05111224)
3757631.3 |      0.12328 (06051424)      0.11667 (06051424)      0.11169 (05111224)      0.10811 (05111224)      0.10478 (05111224)
3757601.3 |      0.10879 (07090708)      0.10374 (07072424)      0.09967 (07081124)      0.09742 (07081124)      0.09517 (07081124)
3757571.3 |      0.11179 (06030808)      0.10163 (06030808)      0.09278 (07090708)      0.08974 (07072424)      0.08670 (07072424)
3757541.3 |      0.11729 (05070408)      0.10434 (06030808)      0.09591 (06030808)      0.08835 (07110708)      0.08570 (07110708)
3757511.3 |      0.12675 (05070408)      0.11357 (05070408)      0.10070 (05070408)      0.08922 (06030808)      0.08387 (07110708)
3757481.3 |      0.13392 (05090408)      0.12154 (05090408)      0.10914 (05090408)      0.09781 (05070408)      0.08709 (05070408)
3757451.3 |      0.14192 (05090408)      0.13112 (05090408)      0.12028 (05090408)      0.10926 (05090408)      0.09790 (05090408)
3757421.3 |      0.14590 (05090408)      0.13687 (05090408)      0.12761 (05090408)      0.11820 (05090408)      0.10851 (05090408)
3757391.3 |      0.14614 (05090408)      0.13927 (05090408)      0.13161 (05090408)      0.12367 (05090408)      0.11553 (05090408)
3757361.3 |      0.14229 (05090408)      0.13844 (05090408)      0.13282 (05090408)      0.12634 (05090408)      0.11953 (05090408)
3757331.3 |      0.13354 (05090408)      0.13364 (05090408)      0.13100 (05090408)      0.12656 (05090408)      0.12118 (05090408)
3757301.3 |      0.12024 (05090408)      0.12426 (05090408)      0.12526 (05090408)      0.12375 (05090408)      0.12047 (05090408)
3757271.3 |      0.10452 (05090408)      0.11115 (05090408)      0.11539 (05090408)      0.11714 (05090408)      0.11667 (05090408)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***       06/29/10
                                  ***                                                                       ***       11:46:58
                                                                                                                      PAGE  46

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                  **

 Y-COORD  |                                        X-COORD (METERS)
 (METERS) |       373170.44              373200.44              373230.44              373260.44              373290.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.09973 (07072008)      0.09656 (05090408)      0.10268 (05090408)      0.10698 (05090408)      0.10931 (05090408)
3757211.3 |      0.10290 (06071724)      0.09682 (07072008)      0.09300 (07072008)      0.09485 (05090408)      0.09908 (05090408)
3757181.3 |      0.10607 (06071724)      0.09803 (06071724)      0.09394 (07072008)      0.09018 (07072008)      0.08901 (07013008)
3757151.3 |      0.10521 (06071724)      0.10220 (06071724)      0.09297 (06071724)      0.09112 (07072008)      0.08740 (07072008)
3757121.3 |      0.10036 (06071724)      0.10266 (06071724)      0.09799 (06071724)      0.08894 (07092708)      0.08924 (07092708)
3757091.3 |      0.09197 (06071724)      0.09931 (06071724)      0.09960 (06071724)      0.09354 (06071724)      0.08910 (07092708)
3757061.3 |      0.08545 (06072808)      0.09248 (06071724)      0.09763 (06071724)      0.09615 (06071724)      0.08896 (06071724)
3757031.3 |      0.08179 (06072808)      0.08288 (06071724)      0.09227 (06071724)      0.09542 (06071724)      0.09243 (06071724)
3757001.3 |      0.07856 (06072808)      0.07555 (06072808)      0.08407 (06071724)      0.09144 (06071724)      0.09280 (06071724)
3756971.3 |      0.07618 (06072808)      0.07263 (07062508)      0.07387 (06071724)      0.08460 (06071724)      0.09008 (06071724)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***       06/29/10
                                  ***                                                                       ***       11:46:58
                                                                                                                      PAGE  47

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                  **

 Y-COORD  |                                        X-COORD (METERS)
 (METERS) |       373320.44              373350.44              373380.44              373410.44              373440.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.09500 (05072008)      0.09724 (05072008)      0.09591 (05072008)      0.09147 (05072008)      0.08461 (05072008)
3758411.3 |      0.10170 (05072008)      0.10076 (05072008)      0.09637 (05072008)      0.08926 (05072008)      0.08032 (05072008)
3758381.3 |      0.10596 (05072008)      0.10164 (05072008)      0.09427 (05072008)      0.08481 (05072008)      0.07423 (05072008)
3758351.3 |      0.10731 (05072008)      0.09968 (05072008)      0.08967 (05072008)      0.07837 (05072008)      0.07936 (07070508)
3758321.3 |      0.10554 (05072008)      0.09495 (05072008)      0.08286 (05072008)      0.08574 (07070508)      0.09124 (07070508)
3758291.3 |      0.10066 (05072008)      0.08773 (05072008)      0.09277 (07070508)      0.09813 (07070508)      0.10125 (07070508)
3758261.3 |      0.09303 (05072008)      0.10053 (07070508)      0.10562 (07070508)      0.10947 (06101008)      0.11333 (06101008)
3758231.3 |      0.10907 (07070508)      0.11425 (06101008)      0.11987 (06101008)      0.12331 (06101008)      0.12468 (06101008)
3758201.3 |      0.12612 (06101008)      0.13140 (06101008)      0.13417 (06101008)      0.13459 (06101008)      0.13293 (06101008)
3758171.3 |      0.14410 (06101008)      0.14587 (06101008)      0.14502 (06101008)      0.14194 (06101008)      0.13702 (06101008)
3758141.3 |      0.15828 (06101008)      0.15580 (06101008)      0.15099 (06101008)      0.14434 (06101008)      0.13638 (06101008)
3758111.3 |      0.16673 (06101008)      0.15987 (06101008)      0.15127 (06101008)      0.14150 (06101008)      0.13105 (06101008)
3758081.3 |      0.16836 (06101008)      0.15761 (06101008)      0.14591 (06101008)      0.13378 (06101008)      0.12162 (06101008)
3758051.3 |      0.16321 (06101008)      0.14952 (06101008)      0.13568 (06101008)      0.12208 (06101008)      0.11121 (07062124)
3758021.3 |      0.15226 (06101008)      0.13671 (06101008)      0.12167 (06101008)      0.11428 (07062124)      0.10745 (07062124)
3757991.3 |      0.13685 (06101008)      0.12405 (07062124)      0.11607 (07062124)      0.10815 (07062124)      0.10037 (07062124)
3757961.3 |      0.12573 (07062124)      0.11658 (07062124)      0.10895 (05071508)      0.10783 (05071508)      0.10641 (05071508)
3757931.3 |      0.12092 (05071508)      0.11872 (05071508)      0.11631 (05071508)      0.11370 (05071508)      0.11089 (05071508)
3757901.3 |      0.12590 (05071508)      0.12238 (05071508)      0.11871 (05071508)      0.11487 (05071508)      0.11087 (05071508)
3757871.3 |      0.12615 (05071508)      0.12151 (05071508)      0.11669 (05071508)      0.11170 (05071508)      0.10658 (05071508)
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Site #15 – Localized CO Concentrations

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3757841.3 |      0.12224 (05071508)      0.11636 (05071508)      0.11032 (05071508)      0.10419 (05071508)      0.09803 (05071508)
3757811.3 |      0.11367 (05071508)      0.10648 (05071508)      0.09930 (05071508)      0.09223 (05071508)      0.08535 (05071508)
3757781.3 |      0.11664 (05111224)      0.11094 (05111224)      0.10550 (05111224)      0.10035 (05111224)      0.09548 (05111224)
3757751.3 |      0.12264 (05111224)      0.11703 (05111224)      0.11168 (05111224)      0.10659 (05111224)      0.10176 (05111224)
3757721.3 |      0.12227 (05111224)      0.11723 (05111224)      0.11244 (05111224)      0.10788 (05111224)      0.10355 (05111224)
3757691.3 |      0.11765 (05111224)      0.11335 (05111224)      0.10928 (05111224)      0.10543 (05111224)      0.10178 (05111224)
3757661.3 |      0.11064 (05111224)      0.10705 (05111224)      0.10368 (05111224)      0.10050 (05111224)      0.09748 (05111224)
3757631.3 |      0.10167 (05111224)      0.09874 (05111224)      0.09600 (05111224)      0.09340 (05111224)      0.09094 (05111224)
3757601.3 |      0.09291 (07081124)      0.09064 (07081124)      0.08836 (07081124)      0.08604 (07081124)      0.08370 (07081124)
3757571.3 |      0.08502 (07081124)      0.08350 (07081124)      0.08194 (07081124)      0.08034 (07081124)      0.07871 (07081124)
3757541.3 |      0.08291 (07110708)      0.07997 (07110708)      0.07687 (07110708)      0.07359 (07110708)      0.07106 (07081124)
3757511.3 |      0.08199 (07110708)      0.07993 (07110708)      0.07770 (07110708)      0.07529 (07110708)      0.07271 (07110708)
3757481.3 |      0.07770 (07110708)      0.07678 (07110708)      0.07558 (07110708)      0.07415 (07110708)      0.07250 (07110708)
3757451.3 |      0.08627 (05090408)      0.07587 (05070408)      0.07005 (07110708)      0.06983 (07110708)      0.06927 (07110708)
3757421.3 |      0.09835 (05090408)      0.08775 (05090408)      0.07694 (05090408)      0.06656 (05070408)      0.06285 (07110708)
3757391.3 |      0.10705 (05090408)      0.09805 (05090408)      0.08849 (05090408)      0.07854 (05090408)      0.06857 (05090408)
3757361.3 |      0.11249 (05090408)      0.10509 (05090408)      0.09714 (05090408)      0.08858 (05090408)      0.07950 (05090408)
3757331.3 |      0.11537 (05090408)      0.10928 (05090408)      0.10281 (05090408)      0.09581 (05090408)      0.08815 (05090408)
3757301.3 |      0.11614 (05090408)      0.11127 (05090408)      0.10602 (05090408)      0.10037 (05090408)      0.09418 (05090408)
3757271.3 |      0.11450 (05090408)      0.11121 (05090408)      0.10722 (05090408)      0.10276 (05090408)      0.09785 (05090408)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                  ***       06/29/10
                                  ***                                                                               ***       11:46:58
                                                                                                                              PAGE  48

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                           *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):      AREA1   ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF CO       IN PPM                                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |      373320.44              373350.44              373380.44              373410.44              373440.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.10976 (05090408)      0.10862 (05090408)      0.10632 (05090408)      0.10321 (05090408)      0.09951 (05090408)
3757211.3 |      0.10182 (05090408)      0.10302 (05090408)      0.10281 (05090408)      0.10146 (05090408)      0.09921 (05090408)
3757181.3 |      0.09500 (07013008)      0.09757 (07013008)      0.09699 (07013008)      0.09710 (05090408)      0.09661 (05090408)
3757151.3 |      0.08518 (07013008)      0.09145 (07013008)      0.09449 (07013008)      0.09449 (07013008)      0.09179 (07013008)
3757121.3 |      0.08484 (07092708)      0.08145 (07013008)      0.08791 (07013008)      0.09137 (07013008)      0.09189 (07013008)
3757091.3 |      0.08849 (07092708)      0.08337 (07092708)      0.07784 (07013008)      0.08443 (07013008)      0.08823 (07013008)
3757061.3 |      0.08894 (07092708)      0.08747 (07092708)      0.08173 (07092708)      0.07436 (07013008)      0.08102 (07013008)
3757031.3 |      0.08612 (07092708)      0.08850 (07092708)      0.08625 (07092708)      0.07994 (07092708)      0.07103 (07013008)
3757001.3 |      0.08851 (06071724)      0.08633 (07092708)      0.08782 (07092708)      0.08484 (07092708)      0.07806 (07092708)
3756971.3 |      0.08986 (06071724)      0.08448 (06071724)      0.08626 (07092708)      0.08692 (07092708)      0.08328 (07092708)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                  ***       06/29/10
                                  ***                                                                               ***       11:46:58
                                                                                                                              PAGE  49

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                           *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):      AREA1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF CO       IN PPM                                        **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372922.94   3757605.69        0.26838  (05081208)              372861.54   3757481.08        0.26698  (05081508)
       372438.96   3757746.55        0.24367  (07030608)              372431.74   3757838.64        0.28424  (07020624)
       372435.35   3757928.94        0.25587  (07020624)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                  ***       06/29/10
                                  ***                                                                               ***       11:46:58
                                                                                                                              PAGE  50

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

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


                                    ** CONC OF CO       IN PPM                                        **

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

ALL      HIGH  1ST HIGH VALUE IS      1.06469  ON 07070206: AT (  372780.44,  3758141.30,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                  ***       06/29/10
                                  ***                                                                               ***       11:46:58
                                                                                                                              PAGE  51

 **MODELOPTs:  NonDFAULT CONC                                FLAT
                                                             NODRYDPLT NOWETDPLT

                                       *** THE SUMMARY OF HIGHEST  8-HR RESULTS ***


                                    ** CONC OF CO       IN PPM                                        **

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

ALL      HIGH  1ST HIGH VALUE IS      0.60872  ON 07081508: AT (  372750.44,  3757451.30,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                  ***       06/29/10
                                  ***                                                                               ***       11:46:58
                                                                                                                              PAGE  52

 **MODELOPTs:  NonDFAULT CONC                                FLAT
                                                             NODRYDPLT NOWETDPLT
```

Site #15 – Localized CO Concentrations

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

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

A Total of            0 Fatal Error Message(s)
A Total of            0 Warning Message(s)
A Total of          152 Informational Message(s)

A Total of        26280 Hours Were Processed

A Total of           15 Calm Hours Identified

A Total of          137 Missing Hours Identified (  0.52 Percent)


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


   ********   WARNING MESSAGES   ********
              ***  NONE  ***


   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

Site #15 – Localized NO2 Concentrations

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.5.0
** Lakes Environmental Software Inc.
** Date: 6/29/2010
** File: C:\Documents and Settings\ssilverman\Desktop\Site 15\NO2.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Site 15 - NO2
   MODELOPT  CONC NODRYDPLT NOWETDPLT FLAT
   AVERTIME 1 ANNUAL
   URBANOPT 9862049 Los_Angeles_County
   POLLUTID NOX
   RUNORNOT RUN
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION AREA1 AREA 372695.400 3757574.990 0.0
** DESCRSRC Exhuast
** Source Parameters **
   SRCPARAM AREA1 1.97E-06 4.100 135.440 299.009 0.000
   URBANSRC AREA1
   CONCUNIT 531.5 GRAMS/SEC PPM
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                  XYINC 371970.44 50 30.00 3756971.30 50 30.00
   GRIDCART UCART1 END
** DESCRREC "" ""
   DISCCART    372922.94   3757605.69
   DISCCART    372861.54   3757481.08
   DISCCART    372438.96   3757746.55
   DISCCART    372431.74   3757838.64
   DISCCART    372435.35   3757928.94
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
   PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   PROFBASE 10 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST NO2.AD\01H1GALL.PLT
   PLOTFILE ANNUAL ALL NO2.AD\AN00GALL.PLT
OU FINISHED

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

 *** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                    ***        06/29/10
                                   ***                                                                  ***        13:04:55
                                                                                                                   PAGE   1
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for     1 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9862049.0 ;  Urban Roughness Length =  1.000 m

 **Model Allows User-Specified Options:
        1. Stack-tip Downwash.
        2. Model Assumes Receptors on FLAT Terrain.
```

```
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.
       6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes:      1 Source(s);       1 Source Group(s); and    2505 Receptor(s)

**The Model Assumes A Pollutant Type of:  NOX

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

**Output Options Selected:
         Model Outputs Tables of ANNUAL 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)

**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) =    10.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                           ;  Emission Rate Unit Factor =    531.50
                 Output Units   = PPM

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

*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***        06/29/10
                                  ***                                                                        ***        13:04:55
                                                                                                                        PAGE   2
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                                  *** AREA SOURCE DATA ***

            NUMBER EMISSION RATE  COORD (SW CORNER)  BASE     RELEASE  X-DIM     Y-DIM    ORIENT.    INIT.   URBAN  EMISSION RATE
   SOURCE     PART. (USER UNITS       X        Y      ELEV.    HEIGHT  OF AREA   OF AREA   OF AREA     SZ     SOURCE  SCALAR VARY
     ID       CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS) (METERS)  (METERS)   (DEG.)  (METERS)             BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  AREA1        0   0.19700E-05  372695.4 3757575.0    10.0     4.10    135.44    299.01      0.00     0.00     YES
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***        06/29/10
                                  ***                                                                        ***        13:04:55
                                                                                                                        PAGE   3
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                            SOURCE IDs


 ALL       AREA1   ,
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***        06/29/10
                                  ***                                                                        ***        13:04:55
                                                                                                                        PAGE   4
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                         *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                           *** X-COORDINATES OF GRID ***
                                                    (METERS)

      371970.4,  372000.4,  372030.4,  372060.4,  372090.4,  372120.4,  372150.4,  372180.4,  372210.4,  372240.4,
      372270.4,  372300.4,  372330.4,  372360.4,  372390.4,  372420.4,  372450.4,  372480.4,  372510.4,  372540.4,
      372570.4,  372600.4,  372630.4,  372660.4,  372690.4,  372720.4,  372750.4,  372780.4,  372810.4,  372840.4,
      372870.4,  372900.4,  372930.4,  372960.4,  372990.4,  373020.4,  373050.4,  373080.4,  373110.4,  373140.4,
      373170.4,  373200.4,  373230.4,  373260.4,  373290.4,  373320.4,  373350.4,  373380.4,  373410.4,  373440.4,


                                           *** Y-COORDINATES OF GRID ***
                                                    (METERS)

     3756971.3, 3757001.3, 3757031.3, 3757061.3, 3757091.3, 3757121.3, 3757151.3, 3757181.3, 3757211.3, 3757241.3,
     3757271.3, 3757301.3, 3757331.3, 3757361.3, 3757391.3, 3757421.3, 3757451.3, 3757481.3, 3757511.3, 3757541.3,
     3757571.3, 3757601.3, 3757631.3, 3757661.3, 3757691.3, 3757721.3, 3757751.3, 3757781.3, 3757811.3, 3757841.3,
     3757871.3, 3757901.3, 3757931.3, 3757961.3, 3757991.3, 3758021.3, 3758051.3, 3758081.3, 3758111.3, 3758141.3,
     3758171.3, 3758201.3, 3758231.3, 3758261.3, 3758291.3, 3758321.3, 3758351.3, 3758381.3, 3758411.3, 3758441.3,

*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***        06/29/10
                                  ***                                                                        ***        13:04:55
                                                                                                                        PAGE   5
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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

    ( 372922.9, 3757605.7,      10.0,      10.0,       0.0);        ( 372861.5, 3757481.1,      10.0,      10.0,       0.0);
    ( 372439.0, 3757746.5,      10.0,      10.0,       0.0);        ( 372431.7, 3757838.6,      10.0,      10.0,       0.0);
    ( 372435.3, 3757928.9,      10.0,      10.0,       0.0);
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***        06/29/10
                                  ***                                                                        ***        13:04:55
                                                                                                                        PAGE   6
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                         *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                   (1=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
```

Site #15 – Localized NO2 Concentrations

```
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

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

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

1.54, 3.09, 5.14, 8.23, 10.80,

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

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

Surface file: L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC Met Version: 06341
Profile file: L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 0 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2005 Year: 2005

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
05	01	01	1	01	-3.3	0.062	-9.000	-9.000	-999.	35.	6.5	0.26	1.00	1.00	1.10	52.	9.1	282.5	5.5
05	01	01	1	02	-3.9	0.073	-9.000	-9.000	-999.	45.	8.9	0.26	1.00	1.00	1.30	51.	9.1	282.0	5.5
05	01	01	1	03	-2.7	0.056	-9.000	-9.000	-999.	30.	5.9	0.26	1.00	1.00	1.00	48.	9.1	281.4	5.5
05	01	01	1	04	-2.3	0.056	-9.000	-9.000	-999.	30.	6.8	0.26	1.00	1.00	1.00	52.	9.1	280.9	5.5
05	01	01	1	05	-2.8	0.062	-9.000	-9.000	-999.	35.	7.5	0.26	1.00	1.00	1.10	62.	9.1	281.4	5.5
05	01	01	1	06	-5.3	0.078	-9.000	-9.000	-999.	51.	8.2	0.26	1.00	1.00	1.40	64.	9.1	280.9	5.5
05	01	01	1	07	-3.9	0.067	-9.000	-9.000	-999.	40.	7.0	0.26	1.00	1.00	1.20	55.	9.1	280.4	5.5
05	01	01	1	08	-4.9	0.078	-9.000	-9.000	-999.	51.	8.8	0.26	1.00	0.53	1.40	76.	9.1	280.9	5.5
05	01	01	1	09	45.2	0.282	0.524	0.005	115.	344.	-44.6	0.26	1.00	0.30	2.20	78.	9.1	283.1	5.5
05	01	01	1	10	114.4	0.293	1.397	0.005	862.	365.	-19.9	0.26	1.00	0.22	2.10	83.	9.1	284.9	5.5
05	01	01	1	11	139.9	0.299	1.673	0.010	1212.	376.	-17.3	0.26	1.00	0.19	2.10	80.	9.1	287.0	5.5
05	01	01	1	12	15.0	0.122	0.797	0.010	1215.	125.	-10.8	0.26	1.00	0.18	0.80	30.	9.1	287.0	5.5
05	01	01	1	13	28.1	0.223	0.983	0.010	1221.	241.	-35.4	0.26	1.00	0.18	1.70	184.	9.1	287.0	5.5
05	01	01	1	14	17.9	0.256	0.847	0.009	1225.	298.	-84.4	0.26	1.00	0.19	2.10	201.	9.1	287.0	5.5
05	01	01	1	15	4.2	0.231	0.521	0.009	1226.	256.	-268.6	0.26	1.00	0.22	2.00	205.	9.1	286.4	5.5
05	01	01	1	16	0.1	0.180	0.151	0.009	1226.	176.	-5231.4	0.26	1.00	0.31	1.60	211.	9.1	286.4	5.5
05	01	01	1	17	-1.7	0.045	-9.000	-9.000	-999.	46.	4.9	0.26	1.00	0.57	0.80	216.	9.1	285.9	5.5
05	01	01	1	18	-0.6	0.028	-9.000	-9.000	-999.	11.	3.4	0.26	1.00	1.00	0.50	38.	9.1	285.4	5.5
05	01	01	1	19	-0.4	0.022	-9.000	-9.000	-999.	8.	2.8	0.26	1.00	1.00	0.40	261.	9.1	284.9	5.5
05	01	01	1	20	-0.4	0.022	-9.000	-9.000	-999.	8.	2.8	0.26	1.00	1.00	0.40	337.	9.1	284.9	5.5
05	01	01	1	21	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.9	5.5
05	01	01	1	22	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	360.	9.1	284.9	5.5
05	01	01	1	23	-1.9	0.050	-9.000	-9.000	-999.	26.	6.2	0.26	1.00	1.00	0.90	46.	9.1	284.2	5.5
05	01	01	1	24	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.2	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
05	01	01	01	5.5	0	-999.	-99.00	282.6	99.0	-99.00	-99.00
05	01	01	01	9.1	1	52.	1.10	-999.0	99.0	-99.00	-99.00

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

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 371970.44	372000.44	372030.44	372060.44	372090.44	372120.44	372150.44	372180.44	372210.44
3758441.30	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004
3758411.30	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004
3758381.30	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004
3758351.30	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004	0.00004
3758321.30	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004	0.00004
3758291.30	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004	0.00004	0.00005
3758261.30	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005
3758231.30	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005
3758201.30	0.00004	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005
3758171.30	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005	0.00006
3758141.30	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006
3758111.30	0.00004	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006
3758081.30	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00007
3758051.30	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007
3758021.30	0.00005	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007	0.00008
3757991.30	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007	0.00008	0.00008	0.00008
3757961.30	0.00006	0.00007	0.00007	0.00007	0.00008	0.00008	0.00008	0.00009	0.00009
3757931.30	0.00007	0.00007	0.00007	0.00008	0.00008	0.00009	0.00009	0.00010	0.00010
3757901.30	0.00007	0.00008	0.00008	0.00008	0.00009	0.00009	0.00010	0.00011	0.00011
3757871.30	0.00008	0.00008	0.00009	0.00009	0.00010	0.00010	0.00011	0.00012	0.00013
3757841.30	0.00008	0.00009	0.00010	0.00010	0.00011	0.00011	0.00012	0.00013	0.00014
3757811.30	0.00009	0.00010	0.00010	0.00011	0.00012	0.00013	0.00014	0.00015	0.00016
3757781.30	0.00010	0.00011	0.00011	0.00012	0.00013	0.00014	0.00015	0.00016	0.00018
3757751.30	0.00011	0.00011	0.00012	0.00013	0.00014	0.00015	0.00017	0.00018	0.00020
3757721.30	0.00012	0.00012	0.00013	0.00014	0.00015	0.00017	0.00018	0.00020	0.00022
3757691.30	0.00012	0.00013	0.00014	0.00016	0.00017	0.00018	0.00020	0.00022	0.00025
3757661.30	0.00013	0.00014	0.00016	0.00017	0.00018	0.00020	0.00022	0.00024	0.00027
3757631.30	0.00014	0.00016	0.00017	0.00018	0.00020	0.00022	0.00024	0.00027	0.00030
3757601.30	0.00016	0.00017	0.00018	0.00020	0.00022	0.00024	0.00026	0.00029	0.00032
3757571.30	0.00017	0.00018	0.00019	0.00021	0.00023	0.00025	0.00028	0.00031	0.00034
3757541.30	0.00018	0.00019	0.00021	0.00023	0.00025	0.00027	0.00030	0.00033	0.00036
3757511.30	0.00019	0.00020	0.00022	0.00024	0.00026	0.00028	0.00031	0.00034	0.00038

Site #15 – Localized NO2 Concentrations

```
 3757481.30 |       0.00020      0.00021      0.00023      0.00025      0.00027      0.00030      0.00032      0.00035      0.00039
 3757451.30 |       0.00021      0.00022      0.00024      0.00026      0.00028      0.00031      0.00033      0.00036      0.00040
 3757421.30 |       0.00021      0.00023      0.00025      0.00027      0.00029      0.00031      0.00034      0.00037      0.00040
 3757391.30 |       0.00022      0.00024      0.00025      0.00027      0.00029      0.00031      0.00034      0.00036      0.00039
 3757361.30 |       0.00022      0.00024      0.00026      0.00027      0.00029      0.00031      0.00034      0.00036      0.00038
 3757331.30 |       0.00023      0.00024      0.00026      0.00027      0.00029      0.00031      0.00033      0.00035      0.00037
 3757301.30 |       0.00023      0.00024      0.00026      0.00027      0.00029      0.00030      0.00032      0.00033      0.00035
 3757271.30 |       0.00023      0.00024      0.00025      0.00027      0.00028      0.00029      0.00031      0.00032      0.00033
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***        06/29/10
                                   ***                                                                        ***        13:04:55
                                                                                                                         PAGE   9

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):      AREA1   ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                         ** CONC OF NOX      IN PPM                                    **

   Y-COORD  |                                        X-COORD (METERS)
   (METERS) |     371970.44    372000.44    372030.44    372060.44    372090.44    372120.44    372150.44    372180.44    372210.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3757241.30 |       0.00022      0.00023      0.00025      0.00026      0.00027      0.00028      0.00029      0.00030      0.00031
 3757211.30 |       0.00022      0.00023      0.00024      0.00025      0.00026      0.00027      0.00027      0.00028      0.00029
 3757181.30 |       0.00021      0.00022      0.00023      0.00024      0.00025      0.00025      0.00026      0.00026      0.00026
 3757151.30 |       0.00021      0.00021      0.00022      0.00023      0.00023      0.00024      0.00024      0.00024      0.00024
 3757121.30 |       0.00020      0.00020      0.00021      0.00021      0.00022      0.00022      0.00022      0.00022      0.00022
 3757091.30 |       0.00019      0.00019      0.00020      0.00020      0.00020      0.00021      0.00021      0.00021      0.00020
 3757061.30 |       0.00018      0.00018      0.00019      0.00019      0.00019      0.00019      0.00019      0.00019      0.00019
 3757031.30 |       0.00017      0.00017      0.00018      0.00018      0.00018      0.00018      0.00017      0.00017      0.00017
 3757001.30 |       0.00016      0.00016      0.00016      0.00016      0.00016      0.00016      0.00016      0.00016      0.00015
 3756971.30 |       0.00015      0.00015      0.00015      0.00015      0.00015      0.00015      0.00015      0.00014      0.00014
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***        06/29/10
                                   ***                                                                        ***        13:04:55
                                                                                                                         PAGE  10

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):      AREA1   ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                         ** CONC OF NOX      IN PPM                                    **

   Y-COORD  |                                        X-COORD (METERS)
   (METERS) |     372240.44    372270.44    372300.44    372330.44    372360.44    372390.44    372420.44    372450.44    372480.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3758441.30 |       0.00004      0.00004      0.00005      0.00005      0.00005      0.00005      0.00006      0.00006      0.00006
 3758411.30 |       0.00004      0.00005      0.00005      0.00005      0.00005      0.00006      0.00006      0.00006      0.00006
 3758381.30 |       0.00004      0.00005      0.00005      0.00005      0.00006      0.00006      0.00006      0.00006      0.00007
 3758351.30 |       0.00005      0.00005      0.00005      0.00005      0.00006      0.00006      0.00006      0.00007      0.00007
 3758321.30 |       0.00005      0.00005      0.00005      0.00006      0.00006      0.00006      0.00007      0.00007      0.00008
 3758291.30 |       0.00005      0.00005      0.00006      0.00006      0.00006      0.00007      0.00007      0.00008      0.00008
 3758261.30 |       0.00005      0.00005      0.00006      0.00006      0.00007      0.00007      0.00008      0.00008      0.00009
 3758231.30 |       0.00005      0.00006      0.00006      0.00006      0.00007      0.00007      0.00008      0.00009      0.00009
 3758201.30 |       0.00006      0.00006      0.00006      0.00007      0.00007      0.00008      0.00008      0.00009      0.00010
 3758171.30 |       0.00006      0.00006      0.00007      0.00007      0.00008      0.00008      0.00009      0.00010      0.00010
 3758141.30 |       0.00006      0.00007      0.00007      0.00007      0.00008      0.00009      0.00009      0.00010      0.00011
 3758111.30 |       0.00007      0.00007      0.00007      0.00008      0.00009      0.00009      0.00010      0.00011      0.00012
 3758081.30 |       0.00007      0.00007      0.00008      0.00008      0.00009      0.00010      0.00011      0.00012      0.00013
 3758051.30 |       0.00008      0.00008      0.00009      0.00009      0.00010      0.00011      0.00012      0.00013      0.00014
 3758021.30 |       0.00008      0.00009      0.00009      0.00010      0.00011      0.00012      0.00013      0.00014      0.00015
 3757991.30 |       0.00009      0.00010      0.00010      0.00011      0.00012      0.00013      0.00014      0.00015      0.00017
 3757961.30 |       0.00010      0.00011      0.00011      0.00012      0.00013      0.00014      0.00015      0.00017      0.00019
 3757931.30 |       0.00011      0.00012      0.00013      0.00014      0.00015      0.00016      0.00018      0.00019      0.00022
 3757901.30 |       0.00012      0.00013      0.00014      0.00015      0.00017      0.00018      0.00020      0.00023      0.00025
 3757871.30 |       0.00014      0.00015      0.00016      0.00018      0.00019      0.00021      0.00024      0.00027      0.00030
 3757841.30 |       0.00015      0.00017      0.00018      0.00020      0.00022      0.00025      0.00028      0.00032      0.00037
 3757811.30 |       0.00017      0.00019      0.00021      0.00023      0.00026      0.00029      0.00033      0.00038      0.00045
 3757781.30 |       0.00019      0.00021      0.00024      0.00027      0.00030      0.00034      0.00039      0.00046      0.00055
 3757751.30 |       0.00022      0.00024      0.00027      0.00030      0.00035      0.00040      0.00046      0.00054      0.00065
 3757721.30 |       0.00024      0.00027      0.00031      0.00035      0.00040      0.00046      0.00053      0.00063      0.00076
 3757691.30 |       0.00027      0.00031      0.00034      0.00039      0.00045      0.00052      0.00061      0.00072      0.00086
 3757661.30 |       0.00030      0.00034      0.00038      0.00043      0.00050      0.00058      0.00067      0.00079      0.00094
 3757631.30 |       0.00033      0.00037      0.00042      0.00048      0.00054      0.00063      0.00073      0.00085      0.00100
 3757601.30 |       0.00036      0.00040      0.00045      0.00051      0.00058      0.00067      0.00077      0.00089      0.00103
 3757571.30 |       0.00038      0.00043      0.00048      0.00054      0.00061      0.00069      0.00079      0.00091      0.00104
 3757541.30 |       0.00040      0.00045      0.00050      0.00056      0.00063      0.00071      0.00080      0.00090      0.00102
 3757511.30 |       0.00042      0.00046      0.00051      0.00057      0.00063      0.00071      0.00079      0.00088      0.00098
 3757481.30 |       0.00043      0.00047      0.00052      0.00057      0.00063      0.00069      0.00076      0.00083      0.00091
 3757451.30 |       0.00043      0.00047      0.00051      0.00056      0.00061      0.00066      0.00071      0.00077      0.00082
 3757421.30 |       0.00043      0.00046      0.00050      0.00054      0.00058      0.00062      0.00066      0.00069      0.00072
 3757391.30 |       0.00042      0.00045      0.00048      0.00051      0.00054      0.00057      0.00059      0.00061      0.00062
 3757361.30 |       0.00041      0.00043      0.00045      0.00048      0.00050      0.00051      0.00053      0.00053      0.00053
 3757331.30 |       0.00039      0.00041      0.00042      0.00044      0.00045      0.00046      0.00046      0.00046      0.00045
 3757301.30 |       0.00037      0.00038      0.00039      0.00040      0.00041      0.00041      0.00041      0.00040      0.00038
 3757271.30 |       0.00034      0.00035      0.00036      0.00036      0.00036      0.00036      0.00035      0.00034      0.00033
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***        06/29/10
                                   ***                                                                        ***        13:04:55
                                                                                                                         PAGE  11

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):      AREA1   ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                         ** CONC OF NOX      IN PPM                                    **

   Y-COORD  |                                        X-COORD (METERS)
   (METERS) |     372240.44    372270.44    372300.44    372330.44    372360.44    372390.44    372420.44    372450.44    372480.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3757241.30 |       0.00032      0.00032      0.00032      0.00032      0.00032      0.00032      0.00031      0.00029      0.00028
 3757211.30 |       0.00029      0.00029      0.00029      0.00029      0.00029      0.00028      0.00027      0.00025      0.00024
 3757181.30 |       0.00027      0.00027      0.00026      0.00026      0.00025      0.00024      0.00023      0.00022      0.00021
 3757151.30 |       0.00024      0.00024      0.00024      0.00023      0.00022      0.00021      0.00020      0.00019      0.00018
 3757121.30 |       0.00022      0.00022      0.00021      0.00021      0.00020      0.00019      0.00018      0.00017      0.00016
```

Site #15 – Localized NO2 Concentrations

```
 3757091.30 |       0.00020      0.00020      0.00019      0.00018      0.00018      0.00017      0.00016      0.00015      0.00014
 3757061.30 |       0.00018      0.00018      0.00017      0.00017      0.00016      0.00015      0.00014      0.00013      0.00012
 3757031.30 |       0.00017      0.00016      0.00015      0.00015      0.00014      0.00013      0.00013      0.00012      0.00011
 3757001.30 |       0.00015      0.00015      0.00014      0.00013      0.00013      0.00012      0.00011      0.00011      0.00010
 3756971.30 |       0.00014      0.00013      0.00013      0.00012      0.00012      0.00011      0.00010      0.00010      0.00009
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***        06/29/10
                                   ***                                                                        ***        13:04:55
                                                                                                                         PAGE  12

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NOX      IN PPM                                      **

   Y-COORD  |                                              X-COORD (METERS)
   (METERS) |     372510.44    372540.44    372570.44    372600.44    372630.44    372660.44    372690.44    372720.44    372750.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3758441.30 |       0.00006      0.00007      0.00007      0.00007      0.00007      0.00008      0.00008      0.00009      0.00009
 3758411.30 |       0.00007      0.00007      0.00007      0.00008      0.00008      0.00008      0.00009      0.00009      0.00010
 3758381.30 |       0.00007      0.00007      0.00008      0.00008      0.00009      0.00009      0.00010      0.00010      0.00011
 3758351.30 |       0.00008      0.00008      0.00008      0.00009      0.00009      0.00010      0.00010      0.00011      0.00012
 3758321.30 |       0.00008      0.00008      0.00009      0.00009      0.00010      0.00011      0.00011      0.00012      0.00013
 3758291.30 |       0.00009      0.00009      0.00010      0.00010      0.00011      0.00011      0.00012      0.00013      0.00014
 3758261.30 |       0.00009      0.00010      0.00010      0.00011      0.00012      0.00012      0.00013      0.00014      0.00015
 3758231.30 |       0.00010      0.00011      0.00011      0.00012      0.00013      0.00014      0.00015      0.00016      0.00017
 3758201.30 |       0.00011      0.00011      0.00012      0.00013      0.00014      0.00015      0.00016      0.00018      0.00019
 3758171.30 |       0.00011      0.00012      0.00013      0.00014      0.00015      0.00017      0.00018      0.00020      0.00021
 3758141.30 |       0.00012      0.00013      0.00014      0.00016      0.00017      0.00019      0.00020      0.00022      0.00024
 3758111.30 |       0.00013      0.00014      0.00016      0.00017      0.00019      0.00021      0.00023      0.00025      0.00028
 3758081.30 |       0.00014      0.00016      0.00017      0.00019      0.00021      0.00024      0.00027      0.00030      0.00032
 3758051.30 |       0.00015      0.00017      0.00019      0.00022      0.00024      0.00027      0.00031      0.00035      0.00039
 3758021.30 |       0.00017      0.00019      0.00021      0.00024      0.00028      0.00032      0.00037      0.00042      0.00047
 3757991.30 |       0.00019      0.00021      0.00024      0.00028      0.00032      0.00037      0.00044      0.00052      0.00060
 3757961.30 |       0.00021      0.00024      0.00027      0.00032      0.00038      0.00045      0.00055      0.00066      0.00079
 3757931.30 |       0.00024      0.00028      0.00032      0.00038      0.00045      0.00056      0.00071      0.00091      0.00115
 3757901.30 |       0.00029      0.00033      0.00039      0.00047      0.00058      0.00074      0.00100      0.00143      0.00194
 3757871.30 |       0.00035      0.00041      0.00050      0.00062      0.00080      0.00112      0.00162      0.00247      0.00338
 3757841.30 |       0.00043      0.00052      0.00065      0.00085      0.00119      0.00187      0.00298      0.00392      0.00487
 3757811.30 |       0.00054      0.00067      0.00085      0.00115      0.00165      0.00256      0.00383      0.00477      0.00562
 3757781.30 |       0.00067      0.00083      0.00108      0.00145      0.00203      0.00302      0.00430      0.00518      0.00594
 3757751.30 |       0.00080      0.00100      0.00128      0.00169      0.00232      0.00330      0.00456      0.00538      0.00606
 3757721.30 |       0.00093      0.00115      0.00145      0.00188      0.00250      0.00346      0.00468      0.00545      0.00608
 3757691.30 |       0.00104      0.00127      0.00158      0.00201      0.00261      0.00354      0.00471      0.00543      0.00601
 3757661.30 |       0.00112      0.00136      0.00167      0.00208      0.00266      0.00355      0.00467      0.00533      0.00585
 3757631.30 |       0.00118      0.00141      0.00171      0.00210      0.00265      0.00350      0.00455      0.00511      0.00550
 3757601.30 |       0.00121      0.00143      0.00170      0.00206      0.00257      0.00335      0.00428      0.00459      0.00470
 3757571.30 |       0.00120      0.00140      0.00164      0.00195      0.00236      0.00297      0.00364      0.00354      0.00324
 3757541.30 |       0.00116      0.00133      0.00151      0.00173      0.00199      0.00223      0.00228      0.00208      0.00174
 3757511.30 |       0.00109      0.00121      0.00133      0.00145      0.00153      0.00154      0.00142      0.00122      0.00098
 3757481.30 |       0.00098      0.00106      0.00112      0.00115      0.00114      0.00107      0.00094      0.00078      0.00063
 3757451.30 |       0.00086      0.00090      0.00091      0.00089      0.00084      0.00076      0.00065      0.00054      0.00044
 3757421.30 |       0.00074      0.00074      0.00073      0.00069      0.00063      0.00056      0.00048      0.00040      0.00034
 3757391.30 |       0.00062      0.00061      0.00058      0.00054      0.00048      0.00042      0.00036      0.00031      0.00027
 3757361.30 |       0.00052      0.00050      0.00047      0.00043      0.00038      0.00033      0.00029      0.00025      0.00022
 3757331.30 |       0.00044      0.00041      0.00038      0.00034      0.00030      0.00027      0.00023      0.00021      0.00019
 3757301.30 |       0.00036      0.00034      0.00031      0.00028      0.00025      0.00022      0.00020      0.00018      0.00016
 3757271.30 |       0.00031      0.00028      0.00026      0.00023      0.00021      0.00019      0.00017      0.00015      0.00014
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***        06/29/10
                                   ***                                                                        ***        13:04:55
                                                                                                                         PAGE  13

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NOX      IN PPM                                      **

   Y-COORD  |                                              X-COORD (METERS)
   (METERS) |     372510.44    372540.44    372570.44    372600.44    372630.44    372660.44    372690.44    372720.44    372750.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3757241.30 |       0.00026      0.00024      0.00022      0.00020      0.00018      0.00016      0.00014      0.00013      0.00012
 3757211.30 |       0.00022      0.00020      0.00019      0.00017      0.00015      0.00014      0.00013      0.00012      0.00011
 3757181.30 |       0.00019      0.00018      0.00016      0.00015      0.00013      0.00012      0.00011      0.00010      0.00010
 3757151.30 |       0.00017      0.00015      0.00014      0.00013      0.00012      0.00011      0.00010      0.00009      0.00009
 3757121.30 |       0.00015      0.00013      0.00012      0.00011      0.00010      0.00010      0.00009      0.00008      0.00008
 3757091.30 |       0.00013      0.00012      0.00011      0.00010      0.00009      0.00009      0.00008      0.00008      0.00007
 3757061.30 |       0.00011      0.00011      0.00010      0.00009      0.00008      0.00008      0.00007      0.00007      0.00007
 3757031.30 |       0.00010      0.00009      0.00009      0.00008      0.00008      0.00007      0.00007      0.00007      0.00006
 3757001.30 |       0.00009      0.00009      0.00008      0.00007      0.00007      0.00007      0.00006      0.00006      0.00006
 3756971.30 |       0.00008      0.00008      0.00007      0.00007      0.00006      0.00006      0.00006      0.00006      0.00005
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***        06/29/10
                                   ***                                                                        ***        13:04:55
                                                                                                                         PAGE  14

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NOX      IN PPM                                      **

   Y-COORD  |                                              X-COORD (METERS)
   (METERS) |     372780.44    372810.44    372840.44    372870.44    372900.44    372930.44    372960.44    372990.44    373020.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3758441.30 |       0.00010      0.00010      0.00010      0.00010      0.00011      0.00011      0.00011      0.00011      0.00011
 3758411.30 |       0.00010      0.00011      0.00011      0.00011      0.00011      0.00012      0.00012      0.00012      0.00012
 3758381.30 |       0.00011      0.00012      0.00012      0.00012      0.00012      0.00013      0.00013      0.00013      0.00013
 3758351.30 |       0.00012      0.00013      0.00013      0.00013      0.00014      0.00014      0.00014      0.00014      0.00014
 3758321.30 |       0.00013      0.00014      0.00014      0.00015      0.00015      0.00015      0.00015      0.00015      0.00015
 3758291.30 |       0.00015      0.00015      0.00016      0.00016      0.00016      0.00017      0.00017      0.00017      0.00017
 3758261.30 |       0.00016      0.00017      0.00017      0.00018      0.00018      0.00018      0.00019      0.00019      0.00019
 3758231.30 |       0.00018      0.00019      0.00019      0.00020      0.00020      0.00021      0.00021      0.00021      0.00021
```

Site #15 – Localized NO2 Concentrations

3758201.30	0.00020	0.00021	0.00022	0.00022	0.00023	0.00023	0.00024	0.00024	0.00024
3758171.30	0.00023	0.00024	0.00025	0.00026	0.00026	0.00027	0.00027	0.00027	0.00027
3758141.30	0.00026	0.00027	0.00028	0.00029	0.00030	0.00031	0.00031	0.00031	0.00031
3758111.30	0.00030	0.00032	0.00033	0.00034	0.00035	0.00036	0.00036	0.00036	0.00036
3758081.30	0.00035	0.00038	0.00039	0.00041	0.00042	0.00043	0.00043	0.00043	0.00042
3758051.30	0.00042	0.00046	0.00048	0.00050	0.00051	0.00052	0.00052	0.00051	0.00050
3758021.30	0.00052	0.00057	0.00060	0.00062	0.00064	0.00064	0.00063	0.00061	0.00058
3757991.30	0.00067	0.00074	0.00078	0.00081	0.00081	0.00080	0.00076	0.00072	0.00068
3757961.30	0.00092	0.00102	0.00107	0.00109	0.00106	0.00100	0.00093	0.00085	0.00078
3757931.30	0.00137	0.00151	0.00156	0.00151	0.00138	0.00124	0.00110	0.00097	0.00086
3757901.30	0.00231	0.00249	0.00242	0.00210	0.00175	0.00147	0.00125	0.00108	0.00093
3757871.30	0.00383	0.00385	0.00362	0.00270	0.00206	0.00165	0.00136	0.00115	0.00098
3757841.30	0.00514	0.00464	0.00405	0.00297	0.00222	0.00174	0.00142	0.00118	0.00100
3757811.30	0.00570	0.00493	0.00420	0.00306	0.00227	0.00177	0.00143	0.00118	0.00098
3757781.30	0.00589	0.00502	0.00425	0.00307	0.00226	0.00175	0.00140	0.00114	0.00095
3757751.30	0.00595	0.00503	0.00422	0.00303	0.00221	0.00169	0.00133	0.00108	0.00088
3757721.30	0.00592	0.00497	0.00414	0.00293	0.00210	0.00158	0.00123	0.00098	0.00080
3757691.30	0.00581	0.00483	0.00398	0.00276	0.00193	0.00143	0.00109	0.00086	0.00070
3757661.30	0.00559	0.00456	0.00369	0.00248	0.00169	0.00122	0.00092	0.00073	0.00059
3757631.30	0.00514	0.00406	0.00320	0.00205	0.00135	0.00097	0.00074	0.00059	0.00049
3757601.30	0.00418	0.00306	0.00231	0.00143	0.00096	0.00072	0.00056	0.00046	0.00039
3757571.30	0.00264	0.00169	0.00110	0.00083	0.00063	0.00051	0.00042	0.00036	0.00031
3757541.30	0.00131	0.00089	0.00065	0.00053	0.00044	0.00037	0.00032	0.00028	0.00025
3757511.30	0.00074	0.00057	0.00046	0.00039	0.00033	0.00029	0.00026	0.00023	0.00021
3757481.30	0.00050	0.00041	0.00035	0.00031	0.00027	0.00024	0.00021	0.00019	0.00017
3757451.30	0.00037	0.00032	0.00028	0.00025	0.00023	0.00020	0.00018	0.00016	0.00015
3757421.30	0.00029	0.00026	0.00023	0.00021	0.00019	0.00017	0.00016	0.00014	0.00013
3757391.30	0.00024	0.00021	0.00020	0.00018	0.00017	0.00015	0.00014	0.00013	0.00012
3757361.30	0.00020	0.00018	0.00017	0.00016	0.00015	0.00014	0.00013	0.00012	0.00011
3757331.30	0.00017	0.00016	0.00015	0.00014	0.00013	0.00012	0.00011	0.00011	0.00010
3757301.30	0.00015	0.00014	0.00013	0.00012	0.00012	0.00011	0.00010	0.00010	0.00009
3757271.30	0.00013	0.00012	0.00011	0.00011	0.00010	0.00010	0.00009	0.00009	0.00008

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 *** *** 06/29/10
*** 13:04:55
PAGE 15

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372780.44	372810.44	372840.44	372870.44	372900.44	372930.44	372960.44	372990.44	373020.44
3757241.30	0.00011	0.00011	0.00010	0.00010	0.00009	0.00009	0.00009	0.00008	0.00008
3757211.30	0.00010	0.00010	0.00009	0.00009	0.00008	0.00008	0.00008	0.00008	0.00007
3757181.30	0.00009	0.00009	0.00008	0.00008	0.00008	0.00007	0.00007	0.00007	0.00007
3757151.30	0.00008	0.00008	0.00007	0.00007	0.00007	0.00007	0.00007	0.00006	0.00006
3757121.30	0.00008	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006
3757091.30	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00005
3757061.30	0.00006	0.00006	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005
3757031.30	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
3757001.30	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00004
3756971.30	0.00005	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 *** *** 06/29/10
*** 13:04:55
PAGE 16

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 373050.44	373080.44	373110.44	373140.44	373170.44	373200.44	373230.44	373260.44	373290.44
3758441.30	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011
3758411.30	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012
3758381.30	0.00013	0.00013	0.00013	0.00013	0.00013	0.00013	0.00013	0.00013	0.00013
3758351.30	0.00014	0.00014	0.00014	0.00014	0.00014	0.00014	0.00014	0.00014	0.00014
3758321.30	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016
3758291.30	0.00017	0.00017	0.00017	0.00017	0.00017	0.00017	0.00017	0.00017	0.00017
3758261.30	0.00019	0.00019	0.00019	0.00019	0.00019	0.00019	0.00019	0.00019	0.00019
3758231.30	0.00021	0.00021	0.00021	0.00021	0.00021	0.00021	0.00021	0.00021	0.00020
3758201.30	0.00024	0.00024	0.00024	0.00024	0.00024	0.00024	0.00023	0.00023	0.00022
3758171.30	0.00027	0.00027	0.00027	0.00027	0.00027	0.00026	0.00026	0.00025	0.00024
3758141.30	0.00031	0.00031	0.00031	0.00030	0.00030	0.00029	0.00028	0.00027	0.00026
3758111.30	0.00036	0.00036	0.00035	0.00034	0.00033	0.00032	0.00031	0.00029	0.00028
3758081.30	0.00042	0.00041	0.00040	0.00038	0.00037	0.00035	0.00033	0.00032	0.00030
3758051.30	0.00048	0.00047	0.00044	0.00042	0.00040	0.00038	0.00036	0.00033	0.00031
3758021.30	0.00056	0.00053	0.00049	0.00046	0.00043	0.00040	0.00038	0.00035	0.00033
3757991.30	0.00063	0.00059	0.00054	0.00050	0.00046	0.00043	0.00039	0.00036	0.00033
3757961.30	0.00071	0.00064	0.00059	0.00053	0.00049	0.00044	0.00040	0.00037	0.00034
3757931.30	0.00077	0.00069	0.00062	0.00055	0.00050	0.00045	0.00041	0.00037	0.00034
3757901.30	0.00082	0.00072	0.00064	0.00057	0.00051	0.00045	0.00041	0.00037	0.00033
3757871.30	0.00085	0.00074	0.00064	0.00057	0.00050	0.00045	0.00040	0.00036	0.00032
3757841.30	0.00085	0.00073	0.00064	0.00055	0.00049	0.00043	0.00038	0.00034	0.00031
3757811.30	0.00083	0.00071	0.00061	0.00053	0.00047	0.00041	0.00036	0.00032	0.00029
3757781.30	0.00079	0.00067	0.00058	0.00050	0.00043	0.00038	0.00034	0.00030	0.00027
3757751.30	0.00074	0.00062	0.00053	0.00046	0.00040	0.00035	0.00031	0.00028	0.00025
3757721.30	0.00066	0.00056	0.00048	0.00041	0.00036	0.00032	0.00028	0.00025	0.00023
3757691.30	0.00058	0.00049	0.00042	0.00036	0.00032	0.00028	0.00025	0.00023	0.00020
3757661.30	0.00049	0.00042	0.00036	0.00032	0.00028	0.00025	0.00022	0.00020	0.00018
3757631.30	0.00041	0.00035	0.00031	0.00027	0.00024	0.00022	0.00020	0.00018	0.00016
3757601.30	0.00034	0.00029	0.00026	0.00023	0.00021	0.00019	0.00017	0.00016	0.00015
3757571.30	0.00027	0.00024	0.00022	0.00020	0.00018	0.00016	0.00015	0.00014	0.00013
3757541.30	0.00022	0.00020	0.00018	0.00017	0.00015	0.00014	0.00013	0.00012	0.00012
3757511.30	0.00019	0.00017	0.00016	0.00014	0.00013	0.00013	0.00012	0.00011	0.00010
3757481.30	0.00016	0.00015	0.00013	0.00013	0.00012	0.00011	0.00010	0.00010	0.00009
3757451.30	0.00014	0.00013	0.00012	0.00011	0.00010	0.00010	0.00009	0.00009	0.00008
3757421.30	0.00012	0.00011	0.00010	0.00010	0.00009	0.00009	0.00008	0.00008	0.00007
3757391.30	0.00011	0.00010	0.00009	0.00009	0.00008	0.00008	0.00007	0.00007	0.00007
3757361.30	0.00010	0.00009	0.00008	0.00008	0.00007	0.00007	0.00007	0.00006	0.00006
3757331.30	0.00009	0.00008	0.00008	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006

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 3757301.30 |       0.00008      0.00008      0.00007      0.00007      0.00006      0.00006      0.00006      0.00005      0.00005
 3757271.30 |       0.00008      0.00007      0.00007      0.00006      0.00006      0.00006      0.00005      0.00005      0.00005
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***        06/29/10
                                   ***                                                                        ***        13:04:55
                                                                                                                         PAGE  17
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):      AREA1   ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                         ** CONC OF NOX      IN PPM                                    **

   Y-COORD  |                                                 X-COORD (METERS)
   (METERS) |     373050.44    373080.44    373110.44    373140.44    373170.44    373200.44    373230.44    373260.44    373290.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3757241.30 |       0.00007      0.00007      0.00006      0.00006      0.00005      0.00005      0.00005      0.00005      0.00005
 3757211.30 |       0.00007      0.00006      0.00006      0.00006      0.00005      0.00005      0.00005      0.00004      0.00004
 3757181.30 |       0.00006      0.00006      0.00006      0.00005      0.00005      0.00005      0.00004      0.00004      0.00004
 3757151.30 |       0.00006      0.00006      0.00005      0.00005      0.00005      0.00004      0.00004      0.00004      0.00004
 3757121.30 |       0.00006      0.00005      0.00005      0.00005      0.00004      0.00004      0.00004      0.00004      0.00004
 3757091.30 |       0.00005      0.00005      0.00005      0.00005      0.00004      0.00004      0.00004      0.00004      0.00003
 3757061.30 |       0.00005      0.00005      0.00005      0.00004      0.00004      0.00004      0.00004      0.00003      0.00003
 3757031.30 |       0.00005      0.00005      0.00004      0.00004      0.00004      0.00004      0.00004      0.00003      0.00003
 3757001.30 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00003      0.00003      0.00003
 3756971.30 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00003      0.00003      0.00003      0.00003
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***        06/29/10
                                   ***                                                                        ***        13:04:55
                                                                                                                         PAGE  18
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):      AREA1   ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                         ** CONC OF NOX      IN PPM                                    **

   Y-COORD  |                                                 X-COORD (METERS)
   (METERS) |     373320.44    373350.44    373380.44    373410.44    373440.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3758441.30 |       0.00011      0.00011      0.00011      0.00011      0.00011
 3758411.30 |       0.00012      0.00012      0.00012      0.00012      0.00012
 3758381.30 |       0.00013      0.00013      0.00013      0.00013      0.00013
 3758351.30 |       0.00014      0.00014      0.00014      0.00014      0.00014
 3758321.30 |       0.00016      0.00015      0.00015      0.00015      0.00015
 3758291.30 |       0.00017      0.00017      0.00017      0.00016      0.00016
 3758261.30 |       0.00018      0.00018      0.00018      0.00017      0.00017
 3758231.30 |       0.00020      0.00020      0.00019      0.00019      0.00018
 3758201.30 |       0.00022      0.00021      0.00021      0.00020      0.00019
 3758171.30 |       0.00023      0.00023      0.00022      0.00021      0.00020
 3758141.30 |       0.00025      0.00024      0.00023      0.00022      0.00021
 3758111.30 |       0.00027      0.00025      0.00024      0.00023      0.00022
 3758081.30 |       0.00028      0.00027      0.00025      0.00024      0.00022
 3758051.30 |       0.00029      0.00028      0.00026      0.00024      0.00023
 3758021.30 |       0.00030      0.00028      0.00026      0.00024      0.00023
 3757991.30 |       0.00031      0.00028      0.00026      0.00024      0.00023
 3757961.30 |       0.00031      0.00028      0.00026      0.00024      0.00022
 3757931.30 |       0.00031      0.00028      0.00026      0.00024      0.00022
 3757901.30 |       0.00030      0.00027      0.00025      0.00023      0.00021
 3757871.30 |       0.00029      0.00026      0.00024      0.00022      0.00020
 3757841.30 |       0.00028      0.00025      0.00023      0.00021      0.00019
 3757811.30 |       0.00026      0.00024      0.00022      0.00020      0.00018
 3757781.30 |       0.00024      0.00022      0.00020      0.00018      0.00017
 3757751.30 |       0.00022      0.00020      0.00019      0.00017      0.00016
 3757721.30 |       0.00021      0.00019      0.00017      0.00016      0.00015
 3757691.30 |       0.00019      0.00017      0.00016      0.00014      0.00013
 3757661.30 |       0.00017      0.00015      0.00014      0.00013      0.00012
 3757631.30 |       0.00015      0.00014      0.00013      0.00012      0.00011
 3757601.30 |       0.00013      0.00013      0.00012      0.00011      0.00010
 3757571.30 |       0.00012      0.00011      0.00011      0.00010      0.00009
 3757541.30 |       0.00011      0.00010      0.00010      0.00009      0.00008
 3757511.30 |       0.00010      0.00009      0.00009      0.00008      0.00008
 3757481.30 |       0.00009      0.00008      0.00008      0.00007      0.00007
 3757451.30 |       0.00008      0.00007      0.00007      0.00007      0.00006
 3757421.30 |       0.00007      0.00007      0.00007      0.00006      0.00006
 3757391.30 |       0.00007      0.00006      0.00006      0.00006      0.00005
 3757361.30 |       0.00006      0.00006      0.00006      0.00005      0.00005
 3757331.30 |       0.00005      0.00005      0.00005      0.00005      0.00005
 3757301.30 |       0.00005      0.00005      0.00005      0.00005      0.00004
 3757271.30 |       0.00005      0.00005      0.00004      0.00004      0.00004
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***        06/29/10
                                   ***                                                                        ***        13:04:55
                                                                                                                         PAGE  19
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):      AREA1   ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                         ** CONC OF NOX      IN PPM                                    **

   Y-COORD  |                                                 X-COORD (METERS)
   (METERS) |     373320.44    373350.44    373380.44    373410.44    373440.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3757241.30 |       0.00004      0.00004      0.00004      0.00004      0.00004
 3757211.30 |       0.00004      0.00004      0.00004      0.00004      0.00004
 3757181.30 |       0.00004      0.00004      0.00004      0.00003      0.00003
 3757151.30 |       0.00004      0.00003      0.00003      0.00003      0.00003
 3757121.30 |       0.00003      0.00003      0.00003      0.00003      0.00003
 3757091.30 |       0.00003      0.00003      0.00003      0.00003      0.00003
 3757061.30 |       0.00003      0.00003      0.00003      0.00003      0.00003
 3757031.30 |       0.00003      0.00003      0.00003      0.00003      0.00003
 3757001.30 |       0.00003      0.00003      0.00003      0.00003      0.00002
 3756971.30 |       0.00003      0.00003      0.00003      0.00002      0.00002
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***        06/29/10
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Site #15 – Localized NO2 Concentrations

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN PPM **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372922.94	3757605.69	0.00080	372861.54	3757481.08	0.00032
372438.96	3757746.55	0.00052	372431.74	3757838.64	0.00030
372435.35	3757928.94	0.00019			

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 371970.44	372000.44	372030.44	372060.44	372090.44
3758441.3	0.00443 (06071402)	0.00424 (06071402)	0.00417 (07062201)	0.00422 (05082506)	0.00453 (06090407)
3758411.3	0.00467 (06071402)	0.00465 (06071402)	0.00449 (06071402)	0.00436 (07062201)	0.00442 (05082506)
3758381.3	0.00472 (06071402)	0.00487 (06071402)	0.00488 (06071402)	0.00474 (06071402)	0.00457 (07062201)
3758351.3	0.00458 (06071402)	0.00488 (06071402)	0.00508 (06071402)	0.00513 (06071402)	0.00502 (06071402)
3758321.3	0.00459 (07090907)	0.00470 (06071402)	0.00505 (06071402)	0.00529 (06071402)	0.00538 (06071402)
3758291.3	0.00502 (07090907)	0.00482 (07090907)	0.00483 (06071402)	0.00523 (06071402)	0.00551 (06071402)
3758261.3	0.00525 (07090907)	0.00519 (07090907)	0.00503 (07090907)	0.00496 (06071402)	0.00540 (06071402)
3758231.3	0.00528 (07090907)	0.00535 (07090907)	0.00534 (07090907)	0.00523 (07090907)	0.00509 (06071402)
3758201.3	0.00509 (07090907)	0.00530 (07090907)	0.00542 (07090907)	0.00546 (07090907)	0.00540 (07090907)
3758171.3	0.00472 (07090907)	0.00503 (07090907)	0.00529 (07090907)	0.00546 (07090907)	0.00555 (07090907)
3758141.3	0.00438 (06062903)	0.00459 (07090907)	0.00495 (07090907)	0.00524 (07090907)	0.00547 (07090907)
3758111.3	0.00425 (06062903)	0.00449 (06062903)	0.00470 (06062903)	0.00486 (06062903)	0.00517 (07090907)
3758081.3	0.00439 (06090102)	0.00448 (06090102)	0.00457 (06062903)	0.00483 (06062903)	0.00506 (06062903)
3758051.3	0.00441 (06090102)	0.00457 (06090102)	0.00471 (06090102)	0.00483 (06090102)	0.00493 (06062903)
3758021.3	0.00425 (06090102)	0.00448 (06090102)	0.00470 (06090102)	0.00489 (06090102)	0.00507 (06090102)
3757991.3	0.00429 (06120524)	0.00436 (06120524)	0.00451 (06090102)	0.00477 (06090102)	0.00502 (06090102)
3757961.3	0.00442 (06120524)	0.00454 (06120524)	0.00466 (06120524)	0.00478 (06120524)	0.00489 (06120524)
3757931.3	0.00446 (06100301)	0.00458 (06100301)	0.00471 (06100301)	0.00487 (06120524)	0.00503 (06120524)
3757901.3	0.00442 (07091603)	0.00458 (06100301)	0.00474 (06100301)	0.00491 (06100301)	0.00507 (06100301)
3757871.3	0.00462 (07081605)	0.00473 (07081605)	0.00484 (07081605)	0.00497 (07081605)	0.00510 (07081605)
3757841.3	0.00487 (07081605)	0.00500 (07081605)	0.00514 (07081605)	0.00529 (07081605)	0.00545 (07081605)
3757811.3	0.00495 (07081605)	0.00509 (07081605)	0.00524 (07081605)	0.00540 (07081605)	0.00557 (07081605)
3757781.3	0.00489 (07081605)	0.00505 (07081605)	0.00522 (07081605)	0.00539 (07081605)	0.00557 (07081605)
3757751.3	0.00468 (07081605)	0.00486 (07081605)	0.00505 (07081605)	0.00525 (07081605)	0.00545 (07081605)
3757721.3	0.00446 (06111920)	0.00459 (06111920)	0.00474 (06111920)	0.00489 (06111920)	0.00512 (07081605)
3757691.3	0.00444 (06111920)	0.00457 (06111920)	0.00472 (06111920)	0.00487 (06111920)	0.00503 (06111920)
3757661.3	0.00433 (05062906)	0.00447 (05062906)	0.00466 (07102602)	0.00492 (07102602)	0.00519 (07102602)
3757631.3	0.00461 (07102602)	0.00483 (07102602)	0.00504 (07102602)	0.00525 (07102602)	0.00547 (07102602)
3757601.3	0.00486 (07102602)	0.00503 (07102602)	0.00521 (07102602)	0.00539 (07102602)	0.00557 (07082903)
3757571.3	0.00495 (07082903)	0.00511 (07082903)	0.00527 (07082903)	0.00543 (07082903)	0.00560 (07082903)
3757541.3	0.00496 (07082903)	0.00509 (07082903)	0.00523 (07082903)	0.00537 (07082903)	0.00552 (07082903)
3757511.3	0.00483 (07082903)	0.00492 (07082903)	0.00502 (07082903)	0.00512 (07082903)	0.00526 (05083124)
3757481.3	0.00448 (07082903)	0.00465 (05083124)	0.00497 (05083124)	0.00526 (05083124)	0.00553 (05083124)
3757451.3	0.00471 (05083124)	0.00497 (05083124)	0.00521 (05083124)	0.00543 (05083124)	0.00563 (05083124)
3757421.3	0.00491 (05083124)	0.00510 (05083124)	0.00527 (05083124)	0.00543 (05083124)	0.00557 (05083124)
3757391.3	0.00495 (05083124)	0.00507 (05083124)	0.00516 (05083124)	0.00524 (05083124)	0.00528 (05083124)
3757361.3	0.00479 (05083124)	0.00483 (05083124)	0.00483 (05083124)	0.00485 (05062904)	0.00504 (06111722)
3757331.3	0.00442 (05083124)	0.00452 (05062904)	0.00469 (06111722)	0.00483 (06111722)	0.00498 (05043001)
3757301.3	0.00437 (06111722)	0.00450 (06111722)	0.00460 (05043001)	0.00481 (05043001)	0.00524 (07070106)
3757271.3	0.00428 (06111722)	0.00447 (05043001)	0.00462 (05043001)	0.00538 (07070106)	0.00628 (07070106)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 371970.44	372000.44	372030.44	372060.44	372090.44
3757241.3	0.00431 (05043001)	0.00467 (07070106)	0.00551 (07070106)	0.00637 (07070106)	0.00722 (07070106)
3757211.3	0.00481 (07070106)	0.00562 (07070106)	0.00644 (07070106)	0.00725 (07070106)	0.00799 (07070106)
3757181.3	0.00572 (07070106)	0.00651 (07070106)	0.00727 (07070106)	0.00796 (07070106)	0.00854 (07070106)
3757151.3	0.00656 (07070106)	0.00728 (07070106)	0.00792 (07070106)	0.00844 (07070106)	0.00881 (07070106)
3757121.3	0.00727 (07070106)	0.00787 (07070106)	0.00834 (07070106)	0.00866 (07070106)	0.00878 (07070106)
3757091.3	0.00781 (07070106)	0.00824 (07070106)	0.00851 (07070106)	0.00860 (07070106)	0.00847 (07070106)
3757061.3	0.00813 (07070106)	0.00836 (07070106)	0.00841 (07070106)	0.00826 (07070106)	0.00791 (07070106)
3757031.3	0.00821 (07070106)	0.00823 (07070106)	0.00806 (07070106)	0.00770 (07070106)	0.00715 (07070106)
3757001.3	0.00805 (07070106)	0.00786 (07070106)	0.00749 (07070106)	0.00695 (07070106)	0.00626 (07070106)
3756971.3	0.00767 (07070106)	0.00730 (07070106)	0.00676 (07070106)	0.00609 (07070106)	0.00532 (07070106)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Site #15 – Localized NO2 Concentrations

Y-COORD (METERS)	X-COORD (METERS) 372120.44	372150.44	372180.44	372210.44	372240.44
3758441.3	0.00515 (06090407)	0.00563 (06090407)	0.00590 (06090407)	0.00591 (06090407)	0.00566 (05082505)
3758411.3	0.00471 (05082506)	0.00532 (06090407)	0.00579 (06090407)	0.00603 (06090407)	0.00598 (06090407)
3758381.3	0.00464 (05082506)	0.00495 (05082506)	0.00551 (06090407)	0.00596 (06090407)	0.00615 (06090407)
3758351.3	0.00480 (07062201)	0.00488 (05082506)	0.00520 (05082506)	0.00569 (06090407)	0.00612 (06090407)
3758321.3	0.00531 (06071402)	0.00505 (06071402)	0.00514 (05082506)	0.00548 (05082506)	0.00588 (06090407)
3758291.3	0.00565 (06071402)	0.00562 (06071402)	0.00539 (06071402)	0.00543 (05082506)	0.00578 (05082506)
3758261.3	0.00574 (06071402)	0.00593 (06071402)	0.00595 (06071402)	0.00577 (06071402)	0.00574 (05082506)
3758231.3	0.00559 (06071402)	0.00597 (06071402)	0.00622 (06071402)	0.00630 (06071402)	0.00617 (06071402)
3758201.3	0.00524 (07090907)	0.00578 (06071402)	0.00622 (06071402)	0.00653 (06071402)	0.00667 (06071402)
3758171.3	0.00555 (07090907)	0.00544 (07090907)	0.00597 (06071402)	0.00648 (06071402)	0.00685 (06071402)
3758141.3	0.00561 (07090907)	0.00566 (07090907)	0.00562 (07090907)	0.00618 (06071402)	0.00675 (06071402)
3758111.3	0.00545 (07090907)	0.00564 (07090907)	0.00575 (07090907)	0.00576 (07090907)	0.00641 (06071402)
3758081.3	0.00524 (06062903)	0.00545 (07062723)	0.00565 (07062723)	0.00589 (06110122)	0.00609 (06110122)
3758051.3	0.00521 (06062903)	0.00546 (06062903)	0.00568 (06062903)	0.00592 (07062723)	0.00616 (06110122)
3758021.3	0.00523 (06090102)	0.00536 (06090102)	0.00565 (06062903)	0.00593 (06062903)	0.00619 (06062903)
3757991.3	0.00525 (06090102)	0.00547 (06090102)	0.00567 (06090102)	0.00585 (06090102)	0.00616 (06062903)
3757961.3	0.00510 (06090102)	0.00539 (06090102)	0.00566 (06090102)	0.00591 (06090102)	0.00616 (06090102)
3757931.3	0.00519 (06120524)	0.00535 (06120524)	0.00552 (06120524)	0.00581 (06090102)	0.00612 (06090102)
3757901.3	0.00524 (06100301)	0.00542 (06100301)	0.00562 (06120524)	0.00583 (06120524)	0.00605 (06120524)
3757871.3	0.00525 (07081605)	0.00544 (06100301)	0.00565 (06100301)	0.00587 (06100301)	0.00611 (06100301)
3757841.3	0.00562 (07081605)	0.00581 (07081605)	0.00601 (07081605)	0.00623 (07081605)	0.00648 (07081605)
3757811.3	0.00575 (07081605)	0.00595 (07081605)	0.00616 (07081605)	0.00638 (07081605)	0.00663 (07081605)
3757781.3	0.00576 (07081605)	0.00596 (07081605)	0.00618 (07081605)	0.00641 (07081605)	0.00666 (07081605)
3757751.3	0.00566 (07081605)	0.00588 (07081605)	0.00612 (07081605)	0.00636 (07081605)	0.00663 (07081605)
3757721.3	0.00537 (07081605)	0.00563 (07081605)	0.00590 (07081605)	0.00618 (07081605)	0.00648 (07081605)
3757691.3	0.00521 (06111920)	0.00539 (06111920)	0.00563 (07102602)	0.00599 (07102602)	0.00635 (07102602)
3757661.3	0.00546 (07102602)	0.00574 (07102602)	0.00601 (07102602)	0.00629 (07102602)	0.00658 (07102602)
3757631.3	0.00569 (07102602)	0.00591 (07102602)	0.00615 (07082903)	0.00640 (07082903)	0.00667 (07082903)
3757601.3	0.00578 (07082903)	0.00598 (07082903)	0.00620 (07082903)	0.00644 (07082903)	0.00669 (07082903)
3757571.3	0.00578 (07082903)	0.00598 (07082903)	0.00618 (07082903)	0.00640 (07082903)	0.00664 (07082903)
3757541.3	0.00567 (07082903)	0.00584 (07082903)	0.00601 (07082903)	0.00635 (05083124)	0.00669 (05083124)
3757511.3	0.00559 (05083124)	0.00591 (05083124)	0.00620 (05083124)	0.00649 (05083124)	0.00677 (05083124)
3757481.3	0.00579 (05083124)	0.00603 (05083124)	0.00627 (05083124)	0.00650 (05083124)	0.00674 (05083124)
3757451.3	0.00583 (05083124)	0.00601 (05083124)	0.00618 (05083124)	0.00635 (05083124)	0.00649 (05083124)
3757421.3	0.00569 (05083124)	0.00579 (05083124)	0.00586 (05083124)	0.00592 (06111722)	0.00614 (06111722)
3757391.3	0.00529 (05083124)	0.00545 (06111722)	0.00564 (06111722)	0.00589 (05043001)	0.00686 (07070106)
3757361.3	0.00521 (06111722)	0.00541 (05043001)	0.00593 (07070106)	0.00696 (07070106)	0.00796 (07070106)
3757331.3	0.00520 (05043001)	0.00606 (07070106)	0.00704 (07070106)	0.00799 (07070106)	0.00885 (07070106)
3757301.3	0.00618 (07070106)	0.00712 (07070106)	0.00801 (07070106)	0.00881 (07070106)	0.00946 (07070106)
3757271.3	0.00717 (07070106)	0.00802 (07070106)	0.00876 (07070106)	0.00935 (07070106)	0.00972 (07070106)

**MODELOPTs: NonDFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372120.44	372150.44	372180.44	372210.44	372240.44
3757241.3	0.00801 (07070106)	0.00870 (07070106)	0.00922 (07070106)	0.00954 (07070106)	0.00961 (07070106)
3757211.3	0.00862 (07070106)	0.00909 (07070106)	0.00936 (07070106)	0.00937 (07070106)	0.00912 (07070106)
3757181.3	0.00895 (07070106)	0.00917 (07070106)	0.00914 (07070106)	0.00886 (07070106)	0.00831 (07070106)
3757151.3	0.00898 (07070106)	0.00891 (07070106)	0.00861 (07070106)	0.00805 (07070106)	0.00727 (07070106)
3757121.3	0.00869 (07070106)	0.00836 (07070106)	0.00781 (07070106)	0.00704 (07070106)	0.00611 (07070106)
3757091.3	0.00813 (07070106)	0.00758 (07070106)	0.00683 (07070106)	0.00593 (07070106)	0.00555 (05060605)
3757061.3	0.00736 (07070106)	0.00663 (07070106)	0.00576 (07070106)	0.00525 (05060605)	0.00546 (05083004)
3757031.3	0.00644 (07070106)	0.00561 (07070106)	0.00498 (05060605)	0.00519 (05083004)	0.00532 (05050324)
3757001.3	0.00546 (07070106)	0.00473 (06090101)	0.00493 (05083004)	0.00498 (05083004)	0.00566 (05050324)
3756971.3	0.00455 (06090101)	0.00468 (05083004)	0.00478 (05083004)	0.00522 (05050324)	0.00582 (05050324)

**MODELOPTs: NonDFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372270.44	372300.44	372330.44	372360.44	372390.44
3758441.3	0.00627 (05082505)	0.00647 (05082505)	0.00617 (05082505)	0.00597 (07070205)	0.00613 (06100302)
3758411.3	0.00614 (05082505)	0.00667 (05082505)	0.00672 (05082505)	0.00623 (05082505)	0.00625 (07070205)
3758381.3	0.00605 (06090407)	0.00664 (05082505)	0.00706 (05082505)	0.00694 (05082505)	0.00655 (07070205)
3758351.3	0.00627 (06090407)	0.00637 (05082505)	0.00715 (05082505)	0.00744 (05082505)	0.00711 (05082505)
3758321.3	0.00629 (06090407)	0.00639 (06090407)	0.00697 (05082505)	0.00767 (05082505)	0.00779 (05082505)
3758291.3	0.00608 (06090407)	0.00645 (06090407)	0.00654 (05082505)	0.00760 (05082505)	0.00819 (05082505)
3758261.3	0.00612 (05082506)	0.00628 (05102724)	0.00661 (06090407)	0.00724 (05082505)	0.00826 (05082505)
3758231.3	0.00608 (05082506)	0.00649 (05082506)	0.00667 (05102724)	0.00705 (07091203)	0.00801 (05082505)
3758201.3	0.00660 (06071402)	0.00646 (05082506)	0.00690 (05082506)	0.00711 (05102724)	0.00759 (07091203)
3758171.3	0.00707 (06071402)	0.00707 (06071402)	0.00688 (05082506)	0.00736 (05082506)	0.00760 (05102724)
3758141.3	0.00719 (06071402)	0.00749 (06071402)	0.00758 (06071402)	0.00739 (06071402)	0.00787 (05082506)
3758111.3	0.00704 (06071402)	0.00756 (06071402)	0.00794 (06071402)	0.00814 (06071402)	0.00806 (06071402)
3758081.3	0.00665 (06071402)	0.00736 (06071402)	0.00795 (06071402)	0.00842 (06071402)	0.00874 (06071402)
3758051.3	0.00644 (06110122)	0.00691 (06071402)	0.00770 (06071402)	0.00837 (06071402)	0.00895 (06071402)
3758021.3	0.00648 (07062723)	0.00678 (06110122)	0.00720 (06071402)	0.00808 (06071402)	0.00885 (06071402)
3757991.3	0.00648 (06062903)	0.00679 (07062723)	0.00714 (07062723)	0.00753 (06110122)	0.00851 (06071402)
3757961.3	0.00641 (06090102)	0.00676 (06062903)	0.00714 (06062903)	0.00753 (07062723)	0.00797 (06110122)
3757931.3	0.00643 (06090102)	0.00674 (06090102)	0.00706 (06090102)	0.00749 (06062903)	0.00795 (06062903)
3757901.3	0.00631 (06090102)	0.00668 (06090102)	0.00705 (06090102)	0.00744 (06090102)	0.00787 (06062903)
3757871.3	0.00636 (06100301)	0.00663 (06100301)	0.00694 (06120524)	0.00737 (06090102)	0.00783 (06090102)
3757841.3	0.00675 (07081605)	0.00704 (07081605)	0.00738 (07081605)	0.00776 (07081605)	0.00819 (07081605)
3757811.3	0.00691 (07081605)	0.00721 (07081605)	0.00755 (07081605)	0.00793 (07081605)	0.00837 (07081605)
3757781.3	0.00693 (07081605)	0.00724 (07081605)	0.00758 (07081605)	0.00795 (07081605)	0.00839 (07081605)
3757751.3	0.00692 (07081605)	0.00723 (07081605)	0.00757 (07081605)	0.00795 (07081605)	0.00838 (07081605)
3757721.3	0.00680 (07081605)	0.00714 (07081605)	0.00751 (07081605)	0.00792 (07081605)	0.00836 (07081605)
3757691.3	0.00671 (07102602)	0.00709 (07102602)	0.00748 (07102602)	0.00791 (07082903)	0.00838 (07082903)

Site #15 – Localized NO2 Concentrations

```
3757661.3 |      0.00689 (07082903)      0.00723 (07082903)      0.00759 (07082903)      0.00798 (07082903)      0.00842 (07082903)
3757631.3 |      0.00696 (07082903)      0.00727 (07082903)      0.00761 (07082903)      0.00799 (07082903)      0.00842 (07082903)
3757601.3 |      0.00696 (07082903)      0.00727 (07082903)      0.00760 (07082903)      0.00802 (05083124)      0.00853 (05083124)
3757571.3 |      0.00690 (07082903)      0.00728 (05083124)      0.00769 (05083124)      0.00811 (05083124)      0.00857 (05083124)
3757541.3 |      0.00703 (05083124)      0.00737 (05083124)      0.00773 (05083124)      0.00813 (05083124)      0.00856 (05083124)
3757511.3 |      0.00706 (05083124)      0.00737 (05083124)      0.00770 (05083124)      0.00805 (05083124)      0.00843 (05083124)
3757481.3 |      0.00698 (05083124)      0.00722 (05083124)      0.00745 (05083124)      0.00771 (07070106)      0.00887 (07070106)
3757451.3 |      0.00661 (05083124)      0.00675 (05043001)      0.00779 (07070106)      0.00889 (07070106)      0.00983 (07070106)
3757421.3 |      0.00674 (07070106)      0.00786 (07070106)      0.00889 (07070106)      0.00979 (07070106)      0.01048 (07070106)
3757391.3 |      0.00791 (07070106)      0.00889 (07070106)      0.00973 (07070106)      0.01036 (07070106)      0.01073 (07070106)
3757361.3 |      0.00888 (07070106)      0.00965 (07070106)      0.01022 (07070106)      0.01052 (07070106)      0.01051 (07070106)
3757331.3 |      0.00956 (07070106)      0.01007 (07070106)      0.01030 (07070106)      0.01023 (07070106)      0.00980 (07070106)
3757301.3 |      0.00990 (07070106)      0.01008 (07070106)      0.00995 (07070106)      0.00948 (07070106)      0.00871 (06090101)
3757271.3 |      0.00984 (07070106)      0.00967 (07070106)      0.00916 (07070106)      0.00834 (07070106)      0.00804 (06090101)
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***       06/29/10
                                  ***                                                                        ***       13:04:55
                                                                                                                       PAGE  26
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372270.44              372300.44              372330.44              372360.44              372390.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.00939 (07070106)      0.00887 (07070106)      0.00805 (07070106)      0.00755 (06090101)      0.00759 (05083004)
3757211.3 |      0.00858 (07070106)      0.00777 (07070106)      0.00711 (06090101)      0.00710 (05083004)      0.00802 (05050324)
3757181.3 |      0.00751 (07070106)      0.00673 (06090101)      0.00666 (05083004)      0.00728 (05050324)      0.00820 (05050324)
3757151.3 |      0.00638 (06090101)      0.00625 (05083004)      0.00659 (05050324)      0.00757 (05050324)      0.00806 (05050324)
3757121.3 |      0.00588 (05083004)      0.00607 (05083004)      0.00696 (05050324)      0.00757 (05050324)      0.00801 (07070203)
3757091.3 |      0.00576 (05083004)      0.00638 (05050324)      0.00708 (05050324)      0.00746 (07070203)      0.00768 (07070203)
3757061.3 |      0.00584 (05050324)      0.00660 (05050324)      0.00694 (05050324)      0.00732 (07070203)      0.00753 (06041124)
3757031.3 |      0.00612 (05050324)      0.00658 (05050324)      0.00691 (07070203)      0.00694 (07070203)      0.00734 (06041124)
3757001.3 |      0.00620 (05050324)      0.00647 (07070203)      0.00669 (07070203)      0.00693 (06041124)      0.00697 (07072705)
3756971.3 |      0.00607 (05050324)      0.00639 (07070203)      0.00643 (06041124)      0.00672 (06041124)      0.00697 (07072705)
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***       06/29/10
                                  ***                                                                        ***       13:04:55
                                                                                                                       PAGE  27
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372420.44              372450.44              372480.44              372510.44              372540.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.00630 (05052222)      0.00734 (07062501)      0.00790 (07062501)      0.00750 (07062501)      0.00711 (06070502)
3758411.3 |      0.00657 (06100302)      0.00718 (07062501)      0.00815 (07062501)      0.00815 (07062501)      0.00743 (06070502)
3758381.3 |      0.00673 (06100302)      0.00697 (05052222)      0.00823 (07062501)      0.00869 (07062501)      0.00800 (07062501)
3758351.3 |      0.00693 (07070205)      0.00727 (06100302)      0.00812 (07062501)      0.00908 (07062501)      0.00884 (07062501)
3758321.3 |      0.00722 (05082505)      0.00744 (06100302)      0.00781 (07062501)      0.00928 (07062501)      0.00958 (07062501)
3758291.3 |      0.00810 (05082505)      0.00772 (07070205)      0.00810 (06100302)      0.00925 (07062501)      0.01016 (07062501)
3758261.3 |      0.00870 (05082505)      0.00835 (05082505)      0.00829 (06100302)      0.00897 (07062501)      0.01052 (07062501)
3758231.3 |      0.00896 (05082505)      0.00920 (05082505)      0.00866 (07070205)      0.00911 (06100302)      0.01062 (07062501)
3758201.3 |      0.00884 (05082505)      0.00968 (05082505)      0.00967 (05082505)      0.00933 (06100302)      0.01042 (07062501)
3758171.3 |      0.00836 (05082505)      0.00973 (05082505)      0.01042 (05082505)      0.01008 (05082505)      0.01038 (06100302)
3758141.3 |      0.00815 (05102724)      0.00936 (05082505)      0.01070 (05082505)      0.01118 (05082505)      0.01068 (07070205)
3758111.3 |      0.00846 (05082506)      0.00890 (07091203)      0.01048 (05082505)      0.01175 (05082505)      0.01194 (05082505)
3758081.3 |      0.00880 (06071402)      0.00914 (05082506)      0.00985 (05082505)      0.01174 (05082505)      0.01291 (05082505)
3758051.3 |      0.00940 (06071402)      0.00963 (06071402)      0.00993 (05082506)      0.01122 (05082505)      0.01319 (05082505)
3758021.3 |      0.00952 (06071402)      0.01012 (06071402)      0.01057 (06071402)      0.01086 (05082506)      0.01282 (05082505)
3757991.3 |      0.00938 (06071402)      0.01017 (06071402)      0.01094 (06071402)      0.01164 (06071402)      0.01202 (06071402)
3757961.3 |      0.00901 (06071402)      0.01000 (06071402)      0.01092 (06071402)      0.01187 (06071402)      0.01289 (06071402)
3757931.3 |      0.00846 (07072706)      0.00958 (06071402)      0.01072 (06071402)      0.01181 (06071402)      0.01299 (06071402)
3757901.3 |      0.00841 (06062903)      0.00901 (07072706)      0.01026 (06071402)      0.01160 (06071402)      0.01291 (06071402)
3757871.3 |      0.00832 (06090102)      0.00893 (06062903)      0.00964 (07072706)      0.01108 (06071402)      0.01268 (06071402)
3757841.3 |      0.00868 (07081605)      0.00926 (07081605)      0.00995 (07081605)      0.01077 (07081605)      0.01210 (06071402)
3757811.3 |      0.00886 (07081605)      0.00944 (07081605)      0.01012 (07081605)      0.01093 (07081605)      0.01194 (07081605)
3757781.3 |      0.00888 (07081605)      0.00945 (07081605)      0.01013 (07081605)      0.01094 (07081605)      0.01194 (07081605)
3757751.3 |      0.00888 (07081605)      0.00945 (07081605)      0.01013 (07081605)      0.01094 (07081605)      0.01194 (07081605)
3757721.3 |      0.00887 (07081605)      0.00945 (07081605)      0.01013 (07082903)      0.01097 (07082903)      0.01198 (07082903)
3757691.3 |      0.00890 (07082903)      0.00948 (07082903)      0.01017 (07082903)      0.01099 (05083124)      0.01214 (05083124)
3757661.3 |      0.00892 (07082903)      0.00949 (07082903)      0.01027 (05083124)      0.01116 (05083124)      0.01221 (05083124)
3757631.3 |      0.00898 (05083124)      0.00963 (05083124)      0.01035 (05083124)      0.01119 (05083124)      0.01222 (05083124)
3757601.3 |      0.00906 (05083124)      0.00966 (05083124)      0.01036 (05083124)      0.01119 (05083124)      0.01222 (05083124)
3757571.3 |      0.00908 (05083124)      0.00967 (05083124)      0.01036 (05083124)      0.01119 (05083124)      0.01256 (07091205)
3757541.3 |      0.00906 (05083124)      0.00963 (05083124)      0.01028 (05083124)      0.01146 (07091205)      0.01291 (07081202)
3757511.3 |      0.00885 (07070106)      0.00991 (07070106)      0.01073 (07070106)      0.01179 (07091205)      0.01310 (07081202)
3757481.3 |      0.00987 (07070106)      0.01066 (07070106)      0.01120 (07070106)      0.01197 (07081202)      0.01328 (06090101)
3757451.3 |      0.01058 (07070106)      0.01107 (07070106)      0.01128 (07070106)      0.01209 (06090101)      0.01310 (06090101)
3757421.3 |      0.01091 (07070106)      0.01104 (07070106)      0.01110 (06090101)      0.01188 (06090101)      0.01288 (05050324)
3757391.3 |      0.01079 (07070106)      0.01048 (07070106)      0.01088 (06090101)      0.01131 (05050324)      0.01312 (05050324)
3757361.3 |      0.01014 (07070106)      0.01004 (06090101)      0.01002 (06090101)      0.01172 (05050324)      0.01298 (07070203)
3757331.3 |      0.00933 (06090101)      0.00925 (06090101)      0.01050 (05050324)      0.01163 (07070203)      0.01249 (06041124)
3757301.3 |      0.00860 (06090101)      0.00941 (05050324)      0.01061 (05050324)      0.01144 (07070203)      0.01213 (06041124)
3757271.3 |      0.00843 (05050324)      0.00968 (05050324)      0.01048 (07070203)      0.01105 (06041124)      0.01180 (07072705)
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***       06/29/10
                                  ***                                                                        ***       13:04:55
                                                                                                                       PAGE  28
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372420.44              372450.44              372480.44              372510.44              372540.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3757241.3 |      0.00882 (05050324)      0.00954 (05050324)      0.01012 (07070203)      0.01066 (06041124)      0.01131 (07072705)
3757211.3 |      0.00886 (05050324)      0.00945 (07070203)      0.00988 (06041124)      0.01042 (07072705)      0.01066 (06090606)
3757181.3 |      0.00874 (07070203)      0.00900 (06041124)      0.00947 (06041124)      0.01003 (07072705)      0.01050 (06090606)
3757151.3 |      0.00852 (07070203)      0.00890 (06041124)      0.00930 (07072705)      0.00936 (07072705)      0.01009 (06090606)
3757121.3 |      0.00822 (06041124)      0.00848 (06041124)      0.00899 (07072705)      0.00928 (06090606)      0.00947 (06090606)
3757091.3 |      0.00806 (06041124)      0.00839 (07072705)      0.00844 (07072705)      0.00904 (06090606)      0.00870 (06090606)
3757061.3 |      0.00765 (06041124)      0.00813 (07072705)      0.00826 (06090606)      0.00862 (06090606)      0.00784 (06090606)
3757031.3 |      0.00762 (07072705)      0.00767 (07072705)      0.00814 (06090606)      0.00804 (06090606)      0.00720 (05042905)
3757001.3 |      0.00741 (07072705)      0.00738 (06090606)      0.00786 (06090606)      0.00737 (06090606)      0.00699 (05042905)
3756971.3 |      0.00702 (07072705)      0.00736 (06090606)      0.00744 (06090606)      0.00663 (06090606)      0.00671 (05042905)
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                                ***       06/29/10
                                  ***                                                                              ***       13:04:55
                                                                                                                             PAGE  29

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NOX      IN PPM                                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372570.44              372600.44              372630.44              372660.44              372690.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.00662 (06070502)      0.00607 (05052102)      0.00727 (05052102)      0.00755 (05052102)      0.00773 (07090806)
3758411.3 |      0.00721 (06070502)      0.00611 (06070502)      0.00748 (05052102)      0.00797 (05052102)      0.00811 (07090806)
3758381.3 |      0.00777 (06070502)      0.00686 (06070502)      0.00766 (05052102)      0.00839 (05052102)      0.00852 (07072704)
3758351.3 |      0.00828 (06070502)      0.00763 (06070502)      0.00782 (05052102)      0.00881 (05052102)      0.00901 (07072704)
3758321.3 |      0.00871 (06070502)      0.00840 (06070502)      0.00795 (05052102)      0.00923 (05052102)      0.00952 (07072704)
3758291.3 |      0.00960 (07062501)      0.00914 (06070502)      0.00803 (05052102)      0.00965 (05052102)      0.01005 (07072704)
3758261.3 |      0.01059 (07062501)      0.00983 (06070502)      0.00894 (06070502)      0.01006 (05052102)      0.01061 (07072704)
3758231.3 |      0.01143 (07062501)      0.01043 (06070502)      0.00997 (06070502)      0.01045 (05052102)      0.01119 (07072704)
3758201.3 |      0.01204 (07062501)      0.01174 (07062501)      0.01100 (06070502)      0.01081 (05052102)      0.01196 (05052102)
3758171.3 |      0.01234 (07062501)      0.01293 (07062501)      0.01197 (06070502)      0.01115 (05052102)      0.01277 (05052102)
3758141.3 |      0.01227 (07062501)      0.01390 (07062501)      0.01306 (07062501)      0.01215 (06070502)      0.01363 (05052102)
3758111.3 |      0.01200 (06100302)      0.01454 (07062501)      0.01474 (07062501)      0.01362 (06070502)      0.01453 (05052102)
3758081.3 |      0.01268 (05082505)      0.01471 (07062501)      0.01627 (07062501)      0.01509 (06070502)      0.01549 (05052102)
3758051.3 |      0.01420 (05082505)      0.01433 (07062501)      0.01748 (07062501)      0.01700 (07062501)      0.01654 (05052102)
3758021.3 |      0.01489 (05082505)      0.01563 (05082505)      0.01814 (07062501)      0.01939 (07062501)      0.01770 (05052102)
3757991.3 |      0.01473 (05082505)      0.01697 (05082505)      0.01798 (07062501)      0.02169 (07062501)      0.02015 (06070502)
3757961.3 |      0.01400 (05082505)      0.01713 (05082505)      0.01967 (05082505)      0.02348 (07062501)      0.02380 (07062501)
3757931.3 |      0.01437 (06071402)      0.01653 (05082505)      0.02038 (05082505)      0.02394 (07062501)      0.02829 (07062501)
3757901.3 |      0.01438 (06071402)      0.01625 (06071402)      0.01991 (05082505)      0.02532 (05082505)      0.03352 (07062501)
3757871.3 |      0.01431 (06071402)      0.01623 (06071402)      0.01900 (05082505)      0.02499 (05082505)      0.03454 (07062501)
3757841.3 |      0.01406 (06071402)      0.01616 (06071402)      0.01884 (06071402)      0.02424 (05082505)      0.03276 (07062501)
3757811.3 |      0.01339 (06071402)      0.01589 (06071402)      0.01877 (06071402)      0.02294 (05082505)      0.03094 (05082505)
3757781.3 |      0.01320 (07081605)      0.01512 (06071402)      0.01848 (06071402)      0.02273 (06071402)      0.02983 (05082505)
3757751.3 |      0.01322 (07082903)      0.01490 (07082903)      0.01756 (06071402)      0.02242 (06071402)      0.02788 (05082505)
3757721.3 |      0.01333 (05083124)      0.01518 (05083124)      0.01762 (05083124)      0.02130 (06071402)      0.02651 (06090101)
3757691.3 |      0.01350 (05083124)      0.01523 (05083124)      0.01763 (05083124)      0.02254 (07081202)      0.02865 (05050324)
3757661.3 |      0.01352 (05083124)      0.01524 (05083124)      0.01847 (07091205)      0.02324 (06090101)      0.03040 (05050324)
3757631.3 |      0.01352 (05083124)      0.01583 (07091205)      0.01895 (06090101)      0.02358 (06090101)      0.03194 (07072705)
3757601.3 |      0.01396 (07091205)      0.01626 (07081202)      0.01933 (06090101)      0.02444 (05050324)      0.03357 (07072705)
3757571.3 |      0.01435 (07081202)      0.01656 (06090101)      0.01946 (06090101)      0.02512 (07070203)      0.03539 (06090606)
3757541.3 |      0.01458 (06090101)      0.01672 (06090101)      0.02002 (05050324)      0.02553 (07070203)      0.03250 (06090606)
3757511.3 |      0.01477 (06090101)      0.01667 (06090101)      0.02039 (07070203)      0.02497 (07072705)      0.02734 (06090606)
3757481.3 |      0.01465 (06090101)      0.01713 (05050324)      0.02002 (06041124)      0.02325 (06090606)      0.02377 (07081701)
3757451.3 |      0.01476 (05050324)      0.01705 (07070203)      0.01936 (07072705)      0.02129 (06090606)      0.02196 (07081701)
3757421.3 |      0.01479 (07070203)      0.01649 (06041124)      0.01811 (06090606)      0.01894 (06090606)      0.02040 (07081701)
3757391.3 |      0.01445 (07070203)      0.01594 (07072705)      0.01731 (06090606)      0.01654 (06090606)      0.01902 (07081701)
3757361.3 |      0.01400 (06041124)      0.01505 (07072705)      0.01601 (06090606)      0.01500 (06041123)      0.01777 (07081701)
3757331.3 |      0.01356 (07072705)      0.01448 (06090606)      0.01444 (06090606)      0.01423 (07081701)      0.01662 (07081701)
3757301.3 |      0.01292 (07072705)      0.01376 (06090606)      0.01273 (06090606)      0.01388 (07081701)      0.01553 (07081701)
3757271.3 |      0.01234 (06090606)      0.01273 (06090606)      0.01183 (06041123)      0.01347 (07081701)      0.01449 (07081701)
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                                ***       06/29/10
                                  ***                                                                              ***       13:04:55
                                                                                                                             PAGE  30

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NOX      IN PPM                                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372570.44              372600.44              372630.44              372660.44              372690.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.01197 (06090606)      0.01150 (06090606)      0.01117 (06041123)      0.01300 (07081701)      0.01349 (07081701)
3757211.3 |      0.01130 (06090606)      0.01017 (06090606)      0.01042 (06041123)      0.01250 (07081701)      0.01253 (07081701)
3757181.3 |      0.01042 (06090606)      0.00969 (05042905)      0.01012 (07081701)      0.01196 (07081701)      0.01161 (07081701)
3757151.3 |      0.00941 (06090606)      0.00924 (06041123)      0.01004 (07081701)      0.01140 (07081701)      0.01072 (07081701)
3757121.3 |      0.00846 (05042905)      0.00875 (06041123)      0.00989 (07081701)      0.01083 (07081701)      0.00988 (07081701)
3757091.3 |      0.00816 (05042905)      0.00820 (06041123)      0.00968 (07081701)      0.01025 (07081701)      0.00908 (07081701)
3757061.3 |      0.00781 (06041123)      0.00773 (07081701)      0.00943 (07081701)      0.00967 (07081701)      0.00844 (07072801)
3757031.3 |      0.00748 (06041123)      0.00777 (07081701)      0.00914 (07081701)      0.00910 (07081701)      0.00804 (07072801)
3757001.3 |      0.00709 (06041123)      0.00776 (07081701)      0.00882 (07081701)      0.00853 (07081701)      0.00765 (07072801)
3756971.3 |      0.00667 (06041123)      0.00770 (07081701)      0.00848 (07081701)      0.00798 (07081701)      0.00728 (07072801)
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                                ***       06/29/10
                                  ***                                                                              ***       13:04:55
                                                                                                                             PAGE  31

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NOX      IN PPM                                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372720.44              372750.44              372780.44              372810.44              372840.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.00760 (05082924)      0.00772 (07070206)      0.00866 (07070206)      0.00830 (07070206)      0.00754 (07091802)
3758411.3 |      0.00800 (05082924)      0.00814 (07070206)      0.00911 (07070206)      0.00867 (07070206)      0.00786 (07091802)
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Site #15 – Localized NO2 Concentrations

3758381.3	0.00844 (05082924)	0.00859 (07070206)	0.00960 (07070206)	0.00907 (07070206)	0.00831 (07040123)
3758351.3	0.00893 (07091801)	0.00908 (07070206)	0.01013 (07070206)	0.00949 (07070206)	0.00882 (07040123)
3758321.3	0.00948 (07091801)	0.00963 (07070206)	0.01070 (07070206)	0.00995 (07070206)	0.00936 (07040123)
3758291.3	0.01007 (07091801)	0.01023 (07070206)	0.01134 (07070206)	0.01045 (07070206)	0.00993 (07040123)
3758261.3	0.01071 (07091801)	0.01090 (07070206)	0.01203 (07070206)	0.01099 (07070206)	0.01051 (07040123)
3758231.3	0.01141 (07091801)	0.01164 (07070206)	0.01279 (07070206)	0.01159 (07070206)	0.01112 (07040123)
3758201.3	0.01216 (07091801)	0.01248 (07070206)	0.01364 (07070206)	0.01224 (07070206)	0.01176 (07040123)
3758171.3	0.01302 (07090806)	0.01341 (07070206)	0.01458 (07070206)	0.01298 (07070206)	0.01241 (07040123)
3758141.3	0.01399 (07090806)	0.01448 (07070206)	0.01563 (07070206)	0.01380 (07070206)	0.01310 (07040123)
3758111.3	0.01506 (07090806)	0.01569 (07070206)	0.01681 (07070206)	0.01484 (07040123)	0.01382 (07040123)
3758081.3	0.01632 (07072704)	0.01709 (07070206)	0.01816 (07070206)	0.01611 (07040123)	0.01508 (07122005)
3758051.3	0.01774 (07072704)	0.01872 (07070206)	0.01972 (07070206)	0.01754 (07040123)	0.01672 (07122005)
3758021.3	0.01939 (07072704)	0.02065 (07070206)	0.02155 (07070206)	0.01919 (07040123)	0.01848 (07122005)
3757991.3	0.02136 (07072704)	0.02297 (07070206)	0.02376 (07070206)	0.02114 (07040123)	0.02039 (07122005)
3757961.3	0.02383 (05052102)	0.02587 (07070206)	0.02654 (07070206)	0.02358 (07040123)	0.02249 (07062524)
3757931.3	0.02710 (05052102)	0.02970 (07070206)	0.03025 (07070206)	0.02726 (07070206)	0.02581 (07062524)
3757901.3	0.03135 (05052102)	0.03502 (07070206)	0.03545 (07070206)	0.03265 (07070206)	0.02924 (07091723)
3757871.3	0.03369 (07062501)	0.03677 (07070206)	0.03709 (07070206)	0.03456 (07070206)	0.02935 (07091723)
3757841.3	0.03264 (07062501)	0.03473 (07070206)	0.03495 (07070206)	0.03273 (07070206)	0.02804 (07070124)
3757811.3	0.03114 (07062501)	0.03247 (07070206)	0.03262 (07070206)	0.03072 (07070206)	0.02740 (07070124)
3757781.3	0.02911 (07062501)	0.02996 (07070206)	0.03004 (07070206)	0.02850 (07070206)	0.02623 (07070124)
3757751.3	0.02649 (07062501)	0.02715 (07070206)	0.02718 (07070206)	0.02601 (07070206)	0.02603 (07062424)
3757721.3	0.02515 (05050324)	0.02396 (07070206)	0.02397 (07070206)	0.02505 (07081203)	0.02622 (05062305)
3757691.3	0.02732 (07072705)	0.02622 (07081701)	0.02613 (07051822)	0.02735 (07081203)	0.02809 (07081702)
3757661.3	0.02963 (06090606)	0.02894 (07081701)	0.02808 (07051822)	0.02956 (06053105)	0.02932 (07081203)
3757631.3	0.03160 (07081701)	0.03133 (07081701)	0.03003 (06030421)	0.03172 (07051822)	0.03093 (07081203)
3757601.3	0.03392 (07081701)	0.03344 (07081701)	0.03198 (06030421)	0.03349 (07051822)	0.03190 (07081203)
3757571.3	0.03606 (07081701)	0.03523 (07081701)	0.03371 (06030421)	0.03485 (07051822)	0.03327 (06053105)
3757541.3	0.03378 (07081701)	0.03267 (07081701)	0.03036 (06030421)	0.03128 (07051822)	0.03159 (06053105)
3757511.3	0.02926 (07081701)	0.02776 (07081701)	0.02626 (05042102)	0.02618 (07103023)	0.02764 (07051822)
3757481.3	0.02585 (07081701)	0.02393 (07081701)	0.02326 (05042102)	0.02298 (07122007)	0.02403 (07051822)
3757451.3	0.02316 (07081701)	0.02104 (07081502)	0.02092 (05042102)	0.02045 (07122007)	0.02082 (07051822)
3757421.3	0.02092 (07081701)	0.01912 (07081502)	0.01902 (05042102)	0.01834 (07122007)	0.01823 (05091702)
3757391.3	0.01896 (07081701)	0.01752 (07081502)	0.01742 (05042102)	0.01650 (07122007)	0.01677 (07103023)
3757361.3	0.01721 (07081701)	0.01614 (07081502)	0.01604 (05042102)	0.01485 (07122007)	0.01552 (07103023)
3757331.3	0.01561 (07081701)	0.01494 (07081502)	0.01484 (05042102)	0.01365 (05042102)	0.01434 (07103023)
3757301.3	0.01413 (07081701)	0.01388 (07081502)	0.01377 (05042102)	0.01279 (05042102)	0.01323 (07122007)
3757271.3	0.01285 (07072801)	0.01295 (07081502)	0.01281 (05042102)	0.01203 (05042102)	0.01226 (07122007)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS)				
	372720.44	372750.44	372780.44	372810.44	372840.44
3757241.3	0.01198 (07072801)	0.01211 (07081502)	0.01196 (05042102)	0.01135 (05042102)	0.01133 (07122007)
3757211.3	0.01127 (05083003)	0.01136 (07081502)	0.01119 (05042102)	0.01074 (05042102)	0.01044 (07122007)
3757181.3	0.01063 (05083003)	0.01069 (07081502)	0.01049 (05042102)	0.01017 (05042102)	0.00960 (07122007)
3757151.3	0.01004 (05083003)	0.01007 (07081502)	0.00986 (05042102)	0.00966 (05042102)	0.00880 (07122007)
3757121.3	0.00950 (05083003)	0.00952 (07081502)	0.00928 (05042102)	0.00918 (05042102)	0.00806 (07122007)
3757091.3	0.00900 (05083003)	0.00901 (07081502)	0.00877 (07081604)	0.00874 (05042102)	0.00737 (05042102)
3757061.3	0.00853 (05083003)	0.00855 (07081502)	0.00832 (07081604)	0.00833 (05042102)	0.00713 (05042102)
3757031.3	0.00810 (05083003)	0.00812 (07081502)	0.00792 (07081604)	0.00794 (05042102)	0.00690 (05042102)
3757001.3	0.00769 (05083003)	0.00773 (07081502)	0.00754 (07081604)	0.00759 (05042102)	0.00667 (05042102)
3756971.3	0.00734 (06111620)	0.00737 (07081502)	0.00719 (07081604)	0.00725 (05042102)	0.00646 (05042102)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS)				
	372870.44	372900.44	372930.44	372960.44	372990.44
3758441.3	0.00753 (07040123)	0.00668 (07040123)	0.00698 (07122005)	0.00706 (07122005)	0.00666 (07062524)
3758411.3	0.00785 (07040123)	0.00678 (07040123)	0.00745 (07122005)	0.00728 (07122005)	0.00719 (07062524)
3758381.3	0.00816 (07040123)	0.00731 (07122005)	0.00790 (07122005)	0.00743 (07122005)	0.00765 (07062524)
3758351.3	0.00847 (07040123)	0.00797 (07122005)	0.00831 (07122005)	0.00781 (07062524)	0.00802 (07062524)
3758321.3	0.00876 (07040123)	0.00864 (07122005)	0.00866 (07122005)	0.00846 (07062524)	0.00826 (07062524)
3758291.3	0.00904 (07040123)	0.00930 (07122005)	0.00894 (07122005)	0.00902 (07062524)	0.00866 (05101302)
3758261.3	0.00931 (07040123)	0.00992 (07122005)	0.00932 (07062524)	0.00946 (07062524)	0.00906 (07091723)
3758231.3	0.01013 (07122005)	0.01050 (07122005)	0.01015 (07062524)	0.00985 (05101302)	0.00929 (07091723)
3758201.3	0.01111 (07122005)	0.01100 (07122005)	0.01086 (07062524)	0.01036 (07091723)	0.00927 (07091723)
3758171.3	0.01208 (07122005)	0.01142 (07062524)	0.01141 (07062524)	0.01074 (07091723)	0.00898 (07091723)
3758141.3	0.01304 (07122005)	0.01253 (07062524)	0.01200 (05101302)	0.01083 (07091723)	0.00948 (07070124)
3758111.3	0.01395 (07122005)	0.01349 (07062524)	0.01264 (07091723)	0.01056 (07091723)	0.01067 (07070124)
3758081.3	0.01478 (07122005)	0.01424 (05101302)	0.01290 (07091723)	0.01147 (07070124)	0.01140 (07070124)
3758051.3	0.01613 (07062524)	0.01521 (07091723)	0.01270 (07091723)	0.01263 (07070124)	0.01155 (07070124)
3758021.3	0.01764 (07062524)	0.01583 (07091723)	0.01405 (07070124)	0.01311 (07070124)	0.01150 (07092823)
3757991.3	0.01899 (05101302)	0.01577 (07091723)	0.01502 (07070124)	0.01289 (07070124)	0.01187 (06090306)
3757961.3	0.02041 (07091723)	0.01750 (07070124)	0.01504 (07070124)	0.01341 (07062424)	0.01260 (07062424)
3757931.3	0.02096 (07070124)	0.01790 (07070124)	0.01553 (07062424)	0.01403 (07062424)	0.01271 (07062424)
3757901.3	0.02213 (07070124)	0.01821 (07062424)	0.01581 (07062424)	0.01405 (07062424)	0.01266 (07062424)
3757871.3	0.02190 (07062424)	0.01824 (07062424)	0.01580 (07062424)	0.01399 (07062424)	0.01247 (07062424)
3757841.3	0.02190 (07062424)	0.01823 (07062424)	0.01574 (07062424)	0.01378 (07062424)	0.01196 (07062424)
3757811.3	0.02189 (07062424)	0.01817 (07062424)	0.01550 (07062424)	0.01318 (07062424)	0.01148 (06112321)
3757781.3	0.02183 (07062424)	0.01791 (07062424)	0.01479 (07062424)	0.01288 (06112321)	0.01167 (06112321)
3757751.3	0.02154 (07062424)	0.01705 (07062424)	0.01445 (06112321)	0.01288 (06112321)	0.01168 (06112321)
3757721.3	0.02082 (05041521)	0.01717 (05041521)	0.01445 (06112321)	0.01288 (06112321)	0.01168 (06112321)
3757691.3	0.02166 (07062901)	0.01744 (05041521)	0.01499 (05041521)	0.01295 (05041521)	0.01168 (06112321)
3757661.3	0.02223 (05062305)	0.01802 (07062901)	0.01515 (05041521)	0.01339 (05041521)	0.01189 (05041521)
3757631.3	0.02291 (07081702)	0.01826 (05062305)	0.01559 (07062901)	0.01349 (05041521)	0.01216 (05041521)
3757601.3	0.02358 (07081702)	0.01871 (05062305)	0.01577 (07062901)	0.01385 (07062901)	0.01222 (05041521)
3757571.3	0.02387 (07081203)	0.01920 (07081702)	0.01610 (05062305)	0.01402 (07062901)	0.01254 (07062901)
3757541.3	0.02459 (07081203)	0.01959 (07081702)	0.01638 (07092704)	0.01422 (05062305)	0.01269 (07062901)
3757511.3	0.02363 (07081203)	0.01957 (07081203)	0.01675 (07081702)	0.01444 (05062305)	0.01278 (05062305)

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3757481.3 |      0.02276 (06053105)      0.01963 (07081203)      0.01676 (07081702)      0.01466 (07092704)      0.01302 (05062305)
3757451.3 |      0.02066 (07051822)      0.01831 (06053105)      0.01661 (07081203)      0.01475 (07081702)      0.01313 (07092704)
3757421.3 |      0.01921 (07051822)      0.01802 (06053105)      0.01618 (07081203)      0.01420 (07081203)      0.01320 (07081702)
3757391.3 |      0.01748 (07051822)      0.01691 (06053105)      0.01499 (06053105)      0.01431 (07081203)      0.01273 (07081702)
3757361.3 |      0.01565 (07051822)      0.01570 (07051822)      0.01495 (06053105)      0.01366 (07081203)      0.01262 (07081203)
3757331.3 |      0.01391 (05091702)      0.01482 (07051822)      0.01431 (06053105)      0.01266 (06053105)      0.01247 (07081203)
3757301.3 |      0.01298 (05091702)      0.01370 (07051822)      0.01324 (06053105)      0.01274 (06053105)      0.01172 (07081203)
3757271.3 |      0.01205 (07103023)      0.01243 (07051822)      0.01265 (07051822)      0.01237 (06053105)      0.01092 (06053105)
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***       06/29/10
                                  ***                                                                        ***       13:04:55
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**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372870.44              372900.44              372930.44              372960.44              372990.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.01145 (07103023)      0.01109 (07051822)      0.01201 (07051822)      0.01164 (06053105)      0.01107 (06053105)
3757211.3 |      0.01082 (07103023)      0.01052 (05091702)      0.01117 (07051822)      0.01087 (07051822)      0.01086 (06053105)
3757181.3 |      0.01017 (07103023)      0.00993 (05091702)      0.01021 (07051822)      0.01054 (07051822)      0.01034 (06053105)
3757151.3 |      0.00952 (07103023)      0.00929 (05091702)      0.00918 (07051822)      0.01002 (07051822)      0.00958 (06053105)
3757121.3 |      0.00896 (07122007)      0.00889 (07103023)      0.00872 (05091702)      0.00935 (07051822)      0.00926 (07051822)
3757091.3 |      0.00841 (07122007)      0.00853 (07103023)      0.00835 (05091702)      0.00859 (07051822)      0.00897 (07051822)
3757061.3 |      0.00788 (07122007)      0.00813 (07103023)      0.00793 (05091702)      0.00778 (07051822)      0.00853 (07051822)
3757031.3 |      0.00735 (07122007)      0.00772 (07103023)      0.00747 (05091702)      0.00735 (05091702)      0.00798 (07051822)
3757001.3 |      0.00685 (07122007)      0.00729 (07103023)      0.00716 (07103023)      0.00713 (05091702)      0.00736 (07051822)
3756971.3 |      0.00637 (07122007)      0.00693 (07122007)      0.00693 (07103023)      0.00684 (05091702)      0.00670 (07051822)
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***       06/29/10
                                  ***                                                                        ***       13:04:55
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**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373020.44              373050.44              373080.44              373110.44              373140.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.00691 (07062524)      0.00667 (05101302)      0.00641 (07091723)      0.00615 (05082807)      0.00659 (05082807)
3758411.3 |      0.00713 (07062524)      0.00695 (07091723)      0.00641 (07091723)      0.00658 (05082807)      0.00674 (05082807)
3758381.3 |      0.00740 (05101302)      0.00714 (07091723)      0.00645 (05082807)      0.00687 (05082807)      0.00673 (05082807)
3758351.3 |      0.00772 (07091723)      0.00719 (07091723)      0.00689 (05082807)      0.00700 (05082807)      0.00654 (05082807)
3758321.3 |      0.00801 (07091723)      0.00707 (07091723)      0.00717 (05082807)      0.00693 (05082807)      0.00681 (07070124)
3758291.3 |      0.00813 (07091723)      0.00722 (05082807)      0.00726 (05082807)      0.00714 (07070124)      0.00710 (07070124)
3758261.3 |      0.00805 (07091723)      0.00749 (05082807)      0.00745 (07070124)      0.00760 (07070124)      0.00713 (07070124)
3758231.3 |      0.00775 (07091723)      0.00770 (07070124)      0.00810 (07070124)      0.00777 (07070124)      0.00689 (07070124)
3758201.3 |      0.00790 (07070124)      0.00858 (07070124)      0.00844 (07070124)      0.00763 (07070124)      0.00710 (07092823)
3758171.3 |      0.00905 (07070124)      0.00915 (07070124)      0.00844 (07070124)      0.00757 (07092823)      0.00759 (07092823)
3758141.3 |      0.00990 (07070124)      0.00933 (07070124)      0.00812 (07092823)      0.00815 (07092823)      0.00782 (06090306)
3758111.3 |      0.01031 (07070124)      0.00910 (07070124)      0.00879 (07092823)      0.00840 (06090306)      0.00787 (05062902)
3758081.3 |      0.01024 (07070124)      0.00953 (07092823)      0.00907 (06090306)      0.00850 (07062424)      0.00853 (07062424)
3758051.3 |      0.01042 (07092823)      0.00984 (06090306)      0.00935 (07062424)      0.00920 (07062424)      0.00881 (07062424)
3758021.3 |      0.01076 (06090306)      0.01031 (07062424)      0.00993 (07062424)      0.00939 (07062424)      0.00924 (05082707)
3757991.3 |      0.01138 (07062424)      0.01073 (07062424)      0.01002 (07062424)      0.00943 (05082707)      0.00939 (05082707)
3757961.3 |      0.01164 (07062424)      0.01075 (07062424)      0.00989 (07062424)      0.00945 (05082707)      0.00922 (05082707)
3757931.3 |      0.01161 (07062424)      0.01059 (07062424)      0.00955 (07062424)      0.00919 (05082707)      0.00876 (05082707)
3757901.3 |      0.01143 (07062424)      0.01020 (07062424)      0.00916 (05082707)      0.00866 (05082707)      0.00799 (05082707)
3757871.3 |      0.01099 (07062424)      0.00949 (06083124)      0.00882 (06083124)      0.00826 (07072804)      0.00773 (07072804)
3757841.3 |      0.01022 (06083124)      0.00943 (07072804)      0.00875 (07072804)      0.00816 (07112919)      0.00766 (07112919)
3757811.3 |      0.01043 (06112321)      0.00955 (06112321)      0.00879 (06112321)      0.00813 (06112321)      0.00765 (05071903)
3757781.3 |      0.01070 (06112321)      0.00991 (06112321)      0.00923 (06112321)      0.00865 (06112321)      0.00814 (06112321)
3757751.3 |      0.01072 (06112321)      0.00994 (06112321)      0.00929 (06112321)      0.00873 (06112321)      0.00825 (06112321)
3757721.3 |      0.01072 (06112321)      0.00994 (06112321)      0.00929 (06112321)      0.00874 (06112321)      0.00826 (06112321)
3757691.3 |      0.01072 (06112321)      0.00994 (06112321)      0.00929 (06112321)      0.00874 (06112321)      0.00826 (06112321)
3757661.3 |      0.01072 (06112321)      0.00994 (06112321)      0.00928 (06112321)      0.00872 (06112321)      0.00823 (06112321)
3757631.3 |      0.01100 (05041521)      0.00988 (05041521)      0.00913 (06112321)      0.00855 (06112321)      0.00804 (06112321)
3757601.3 |      0.01118 (05041521)      0.01026 (05041521)      0.00936 (05041521)      0.00842 (05041521)      0.00774 (07081802)
3757571.3 |      0.01122 (05041521)      0.01038 (05041521)      0.00962 (05041521)      0.00890 (05041521)      0.00813 (05041521)
3757541.3 |      0.01149 (07062901)      0.01040 (05041521)      0.00970 (05041521)      0.00907 (05041521)      0.00847 (05041521)
3757511.3 |      0.01163 (07062901)      0.01065 (07062901)      0.00971 (05041521)      0.00912 (05041521)      0.00859 (05041521)
3757481.3 |      0.01164 (05062305)      0.01077 (07062901)      0.00994 (07062901)      0.00909 (07062901)      0.00861 (05041521)
3757451.3 |      0.01187 (05062305)      0.01070 (07062901)      0.01003 (07062901)      0.00934 (07062901)      0.00860 (07062901)
3757421.3 |      0.01189 (07092704)      0.01092 (05062305)      0.00989 (05062305)      0.00938 (07062901)      0.00881 (07062901)
3757391.3 |      0.01194 (07081702)      0.01085 (07092704)      0.01012 (05062305)      0.00921 (05062305)      0.00879 (07062901)
3757361.3 |      0.01166 (07081702)      0.01088 (07081702)      0.00997 (07092704)      0.00942 (05062305)      0.00861 (05062305)
3757331.3 |      0.01169 (07090807)      0.01098 (07090807)      0.01002 (07092704)      0.00926 (05062305)      0.00881 (05062305)
3757301.3 |      0.01136 (07090807)      0.01131 (07090807)      0.01041 (07090807)      0.00931 (07092704)      0.00866 (05062305)
3757271.3 |      0.01095 (07081203)      0.01119 (07090807)      0.01087 (07090807)      0.00982 (07090807)      0.00867 (07092704)
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***       06/29/10
                                  ***                                                                        ***       13:04:55
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**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373020.44              373050.44              373080.44              373110.44              373140.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.01018 (07081203)      0.01065 (07090807)      0.01093 (07090807)      0.01039 (07090807)      0.00923 (07090807)
3757211.3 |      0.00955 (06053105)      0.00978 (07090807)      0.01060 (07090807)      0.01061 (07090807)      0.00989 (07090807)
3757181.3 |      0.00974 (06053105)      0.00891 (07081203)      0.00993 (07090807)      0.01046 (07090807)      0.01023 (07090807)
3757151.3 |      0.00964 (06053105)      0.00845 (06053105)      0.00899 (07090807)      0.00997 (07090807)      0.01024 (07090807)
3757121.3 |      0.00928 (06053105)      0.00866 (06053105)      0.00789 (07090807)      0.00921 (07090807)      0.00993 (07090807)
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Site #15 – Localized NO2 Concentrations

3757091.3	0.00870 (06053105)	0.00863 (06053105)	0.00755 (06053105)	0.00826 (07090807)	0.00934 (07090807)
3757061.3	0.00815 (07051822)	0.00838 (06053105)	0.00777 (06053105)	0.00720 (07090807)	0.00853 (07090807)
3757031.3	0.00802 (07051822)	0.00794 (06053105)	0.00779 (06053105)	0.00680 (06053105)	0.00759 (07090807)
3757001.3	0.00775 (07051822)	0.00735 (06053105)	0.00762 (06053105)	0.00702 (06053105)	0.00658 (07090807)
3756971.3	0.00738 (07051822)	0.00717 (07051822)	0.00728 (06053105)	0.00707 (06053105)	0.00616 (06053105)

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 *** 06/29/10
*** 13:04:55
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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	373170.44	373200.44	373230.44	373260.44	373290.44
3758441.3	0.00652 (05082807)	0.00600 (05082807)	0.00558 (07070124)	0.00535 (07070124)	0.00483 (07070124)
3758411.3	0.00638 (05082807)	0.00584 (07070124)	0.00572 (07070124)	0.00524 (07070124)	0.00452 (07070124)
3758381.3	0.00609 (05082807)	0.00609 (07070124)	0.00568 (07070124)	0.00496 (07070124)	0.00495 (07092823)
3758351.3	0.00645 (07070124)	0.00613 (07070124)	0.00545 (07070124)	0.00518 (07092823)	0.00537 (07092823)
3758321.3	0.00661 (07070124)	0.00597 (07070124)	0.00542 (07092823)	0.00565 (07092823)	0.00560 (07092823)
3758291.3	0.00653 (07070124)	0.00568 (07092823)	0.00596 (07092823)	0.00592 (07092823)	0.00575 (06090306)
3758261.3	0.00622 (07070124)	0.00630 (07092823)	0.00628 (07092823)	0.00608 (06090306)	0.00581 (05062902)
3758231.3	0.00668 (07092823)	0.00667 (07092823)	0.00645 (06090306)	0.00614 (05062902)	0.00588 (06102522)
3758201.3	0.00710 (07092823)	0.00686 (06090306)	0.00651 (05062902)	0.00631 (07062424)	0.00647 (07062424)
3758171.3	0.00731 (06090306)	0.00691 (05062902)	0.00680 (07062424)	0.00689 (07062424)	0.00741 (05082707)
3758141.3	0.00736 (05062902)	0.00733 (07062424)	0.00733 (07062424)	0.00784 (05082707)	0.00829 (05082707)
3758111.3	0.00791 (07062424)	0.00779 (07062424)	0.00826 (05082707)	0.00861 (05082707)	0.00879 (05082707)
3758081.3	0.00829 (07062424)	0.00864 (05082707)	0.00890 (05082707)	0.00897 (05082707)	0.00888 (05082707)
3758051.3	0.00897 (05082707)	0.00913 (05082707)	0.00911 (05082707)	0.00894 (05082707)	0.00862 (05082707)
3758021.3	0.00929 (05082707)	0.00919 (05082707)	0.00895 (05082707)	0.00856 (05082707)	0.00804 (05082707)
3757991.3	0.00922 (05082707)	0.00891 (05082707)	0.00846 (05082707)	0.00787 (05082707)	0.00716 (05082707)
3757961.3	0.00885 (05082707)	0.00833 (05082707)	0.00767 (05082707)	0.00689 (05082707)	0.00612 (07072804)
3757931.3	0.00817 (05082707)	0.00744 (05082707)	0.00669 (07072804)	0.00636 (07112919)	0.00609 (07112919)
3757901.3	0.00738 (07072804)	0.00697 (07112919)	0.00664 (07112919)	0.00633 (07112919)	0.00601 (07112919)
3757871.3	0.00731 (07112919)	0.00692 (07112919)	0.00654 (07112919)	0.00625 (05071903)	0.00601 (05071903)
3757841.3	0.00725 (05071903)	0.00690 (05071903)	0.00660 (05071903)	0.00632 (05071903)	0.00606 (05071903)
3757811.3	0.00726 (05071903)	0.00691 (05071903)	0.00659 (05071903)	0.00630 (05091722)	0.00604 (05091722)
3757781.3	0.00768 (06112321)	0.00727 (06112321)	0.00689 (06112321)	0.00655 (06112321)	0.00624 (06112321)
3757751.3	0.00782 (06112321)	0.00744 (06112321)	0.00710 (06112321)	0.00679 (06112321)	0.00651 (06112321)
3757721.3	0.00784 (06112321)	0.00747 (06112321)	0.00714 (06112321)	0.00684 (06112321)	0.00657 (06112321)
3757691.3	0.00784 (06112321)	0.00747 (06112321)	0.00714 (06112321)	0.00684 (06112321)	0.00657 (06112321)
3757661.3	0.00781 (06112321)	0.00743 (06112321)	0.00709 (06112321)	0.00679 (06112321)	0.00651 (06112321)
3757631.3	0.00759 (06112321)	0.00720 (06112321)	0.00685 (06112321)	0.00654 (06112321)	0.00625 (06112321)
3757601.3	0.00732 (07081802)	0.00693 (07081802)	0.00655 (07081802)	0.00617 (07081802)	0.00580 (05012719)
3757571.3	0.00735 (07081802)	0.00699 (07081802)	0.00666 (07081802)	0.00635 (07081802)	0.00604 (07081802)
3757541.3	0.00784 (05041521)	0.00716 (05041521)	0.00667 (07081201)	0.00639 (07081802)	0.00612 (07081802)
3757511.3	0.00808 (05041521)	0.00756 (05041521)	0.00699 (05041521)	0.00639 (07081201)	0.00612 (07081201)
3757481.3	0.00816 (05041521)	0.00773 (05041521)	0.00729 (05041521)	0.00681 (05041521)	0.00629 (05041521)
3757451.3	0.00811 (05041521)	0.00776 (05041521)	0.00740 (05041521)	0.00703 (05041521)	0.00663 (05041521)
3757421.3	0.00817 (07062901)	0.00759 (05041521)	0.00735 (05041521)	0.00707 (05041521)	0.00677 (05041521)
3757391.3	0.00834 (07062901)	0.00778 (07062901)	0.00712 (07062901)	0.00692 (05041521)	0.00673 (05041521)
3757361.3	0.00825 (07062901)	0.00790 (07062901)	0.00743 (07062901)	0.00685 (07062901)	0.00644 (05041521)
3757331.3	0.00808 (05062305)	0.00774 (07062901)	0.00749 (07062901)	0.00710 (07062901)	0.00659 (07062901)
3757301.3	0.00827 (05062305)	0.00760 (05062305)	0.00726 (07062901)	0.00711 (07062901)	0.00679 (07062901)
3757271.3	0.00812 (05062305)	0.00779 (05062305)	0.00718 (05062305)	0.00680 (07062901)	0.00674 (07062901)

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 *** 06/29/10
*** 13:04:55
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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	373170.44	373200.44	373230.44	373260.44	373290.44
3757241.3	0.00811 (07092704)	0.00765 (05062305)	0.00736 (05062305)	0.00679 (05062305)	0.00637 (07062901)
3757211.3	0.00866 (07090807)	0.00760 (07092704)	0.00723 (05062305)	0.00697 (05062305)	0.00644 (05062305)
3757181.3	0.00938 (07090807)	0.00810 (07090807)	0.00713 (07092704)	0.00685 (05062305)	0.00661 (05062305)
3757151.3	0.00982 (07090807)	0.00886 (07090807)	0.00756 (07090807)	0.00671 (07092704)	0.00650 (05062305)
3757121.3	0.00997 (07090807)	0.00939 (07090807)	0.00836 (07090807)	0.00705 (07090807)	0.00632 (07092704)
3757091.3	0.00981 (07090807)	0.00965 (07090807)	0.00895 (07090807)	0.00786 (07090807)	0.00657 (07090807)
3757061.3	0.00937 (07090807)	0.00963 (07090807)	0.00930 (07090807)	0.00850 (07090807)	0.00738 (07090807)
3757031.3	0.00871 (07090807)	0.00933 (07090807)	0.00939 (07090807)	0.00893 (07090807)	0.00805 (07090807)
3757001.3	0.00789 (07090807)	0.00881 (07090807)	0.00923 (07090807)	0.00912 (07090807)	0.00854 (07090807)
3756971.3	0.00698 (07090807)	0.00812 (07090807)	0.00884 (07090807)	0.00908 (07090807)	0.00882 (07090807)

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 *** 06/29/10
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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	373320.44	373350.44	373380.44	373410.44	373440.44
3758441.3	0.00423 (07092823)	0.00455 (07092823)	0.00465 (07092823)	0.00460 (06090306)	0.00446 (06090306)
3758411.3	0.00474 (07092823)	0.00487 (07092823)	0.00482 (06090306)	0.00468 (06090306)	0.00453 (05062902)
3758381.3	0.00511 (07092823)	0.00505 (06090306)	0.00491 (06090306)	0.00474 (05062902)	0.00460 (06102522)
3758351.3	0.00531 (06090306)	0.00517 (06090306)	0.00498 (05062902)	0.00482 (06102522)	0.00472 (07062424)
3758321.3	0.00544 (06090306)	0.00523 (05062902)	0.00505 (06102522)	0.00503 (07062424)	0.00531 (05082707)
3758291.3	0.00551 (05062902)	0.00531 (06102522)	0.00536 (07062424)	0.00570 (05082707)	0.00637 (05082707)
3758261.3	0.00558 (06102522)	0.00571 (07062424)	0.00611 (05082707)	0.00676 (05082707)	0.00728 (05082707)
3758231.3	0.00608 (07062424)	0.00653 (05082707)	0.00716 (05082707)	0.00763 (05082707)	0.00794 (05082707)

```
3758201.3 |      0.00697 (05082707)      0.00755 (05082707)      0.00796 (05082707)      0.00821 (05082707)      0.00829 (05082707)
3758171.3 |      0.00793 (05082707)      0.00827 (05082707)      0.00844 (05082707)      0.00844 (05082707)      0.00829 (05082707)
3758141.3 |      0.00855 (05082707)      0.00863 (05082707)      0.00855 (05082707)      0.00832 (05082707)      0.00796 (05082707)
3758111.3 |      0.00878 (05082707)      0.00862 (05082707)      0.00831 (05082707)      0.00788 (05082707)      0.00734 (05082707)
3758081.3 |      0.00864 (05082707)      0.00826 (05082707)      0.00776 (05082707)      0.00715 (05082707)      0.00648 (05082707)
3758051.3 |      0.00817 (05082707)      0.00760 (05082707)      0.00693 (05082707)      0.00620 (05082707)      0.00544 (05082707)
3758021.3 |      0.00740 (05082707)      0.00667 (05082707)      0.00589 (05082707)      0.00523 (07072804)      0.00499 (07072804)
3757991.3 |      0.00637 (05082707)      0.00564 (07072804)      0.00537 (07072804)      0.00520 (07112919)      0.00503 (07112919)
3757961.3 |      0.00583 (07112919)      0.00562 (07112919)      0.00541 (07112919)      0.00519 (07112919)      0.00496 (07112919)
3757931.3 |      0.00583 (07112919)      0.00557 (07112919)      0.00530 (07112919)      0.00502 (07112919)      0.00472 (07112919)
3757901.3 |      0.00569 (07112919)      0.00542 (05071903)      0.00527 (05071903)      0.00512 (05071903)      0.00497 (05071903)
3757871.3 |      0.00579 (05071903)      0.00559 (05071903)      0.00540 (05071903)      0.00522 (05071903)      0.00505 (05071903)
3757841.3 |      0.00583 (05071903)      0.00560 (05071903)      0.00540 (05091722)      0.00522 (05091722)      0.00504 (05091722)
3757811.3 |      0.00581 (06090106)      0.00560 (06090106)      0.00540 (06090106)      0.00521 (06090106)      0.00503 (07072605)
3757781.3 |      0.00595 (06112321)      0.00568 (06112321)      0.00543 (06112321)      0.00522 (06061524)      0.00505 (06061524)
3757751.3 |      0.00624 (06112321)      0.00600 (06112321)      0.00578 (06112321)      0.00556 (06112321)      0.00537 (06112321)
3757721.3 |      0.00632 (06112321)      0.00610 (06112321)      0.00589 (06112321)      0.00569 (06112321)      0.00551 (06112321)
3757691.3 |      0.00633 (06112321)      0.00610 (06112321)      0.00590 (06112321)      0.00570 (06112321)      0.00552 (06112321)
3757661.3 |      0.00626 (06112321)      0.00603 (06112321)      0.00582 (06112321)      0.00562 (06112321)      0.00544 (06112321)
3757631.3 |      0.00600 (06112321)      0.00576 (06112321)      0.00555 (06112321)      0.00535 (06112321)      0.00517 (06112321)
3757601.3 |      0.00545 (05012719)      0.00508 (05012719)      0.00489 (06112321)      0.00472 (06112321)      0.00456 (06112321)
3757571.3 |      0.00572 (07081802)      0.00542 (05012719)      0.00512 (05012719)      0.00482 (05012719)      0.00451 (05012719)
3757541.3 |      0.00586 (07081802)      0.00561 (07081802)      0.00535 (07081802)      0.00508 (05012719)      0.00484 (05012719)
3757511.3 |      0.00587 (07081802)      0.00566 (07081802)      0.00545 (07081802)      0.00524 (07081802)      0.00502 (07081802)
3757481.3 |      0.00586 (07081201)      0.00565 (07081201)      0.00542 (07081201)      0.00523 (07081802)      0.00507 (07081802)
3757451.3 |      0.00618 (05041521)      0.00568 (05041521)      0.00540 (07082904)      0.00523 (07081201)      0.00505 (07081201)
3757421.3 |      0.00643 (05041521)      0.00606 (05041521)      0.00564 (05041521)      0.00524 (07082904)      0.00502 (07082904)
3757391.3 |      0.00650 (05041521)      0.00623 (05041521)      0.00592 (05041521)      0.00556 (05041521)      0.00516 (05041521)
3757361.3 |      0.00636 (05041521)      0.00621 (05041521)      0.00601 (05041521)      0.00576 (05041521)      0.00547 (05041521)
3757331.3 |      0.00598 (07062901)      0.00595 (05041521)      0.00589 (05041521)      0.00577 (05041521)      0.00558 (05041521)
3757301.3 |      0.00635 (07062901)      0.00581 (07062901)      0.00551 (05041521)      0.00554 (05041521)      0.00549 (05041521)
3757271.3 |      0.00650 (07062901)      0.00613 (07062901)      0.00564 (07062901)      0.00511 (05090403)      0.00516 (05041521)
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***       06/29/10
                                  ***                                                                        ***       13:04:55
                                                                                                                       PAGE  40

 **MODELOPTs:  NonDFAULT CONC                                FLAT
                                                             NODRYDPLT NOWETDPLT

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):      AREA1   ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                         ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373320.44              373350.44              373380.44              373410.44              373440.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.00638 (07062901)      0.00622 (07062901)      0.00591 (07062901)      0.00548 (07062901)      0.00496 (07062901)
3757211.3 |      0.00597 (07062901)      0.00605 (07062901)      0.00594 (07062901)      0.00569 (07062901)      0.00532 (07062901)
3757181.3 |      0.00612 (05062305)      0.00559 (07062901)      0.00572 (07062901)      0.00568 (07062901)      0.00548 (07062901)
3757151.3 |      0.00629 (05062305)      0.00583 (05062305)      0.00524 (07062901)      0.00542 (07062901)      0.00542 (07062901)
3757121.3 |      0.00618 (05062305)      0.00599 (05062305)      0.00556 (05062305)      0.00497 (05062305)      0.00512 (07062901)
3757091.3 |      0.00595 (07092704)      0.00589 (05062305)      0.00571 (05062305)      0.00531 (05062305)      0.00475 (05062305)
3757061.3 |      0.00611 (07090807)      0.00562 (07092704)      0.00563 (05062305)      0.00546 (05062305)      0.00508 (05062305)
3757031.3 |      0.00692 (07090807)      0.00574 (07092704)      0.00531 (05062305)      0.00538 (05062305)      0.00522 (05062305)
3757001.3 |      0.00762 (07090807)      0.00648 (07090807)      0.00546 (07092704)      0.00509 (05062305)      0.00515 (05062305)
3756971.3 |      0.00815 (07090807)      0.00719 (07090807)      0.00607 (07090807)      0.00519 (07092704)      0.00488 (05062305)
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***       06/29/10
                                  ***                                                                        ***       13:04:55
                                                                                                                       PAGE  41

 **MODELOPTs:  NonDFAULT CONC                                FLAT
                                                             NODRYDPLT NOWETDPLT

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):      AREA1   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                         ** CONC OF NOX      IN PPM                                    **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372922.94   3757605.69        0.01631  (07062901)              372861.54   3757481.08        0.02324  (06053105)
       372438.96   3757746.55        0.00922  (07081605)              372431.74   3757838.64        0.00893  (07081605)
       372435.35   3757928.94        0.00890  (06071402)
*** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***       06/29/10
                                  ***                                                                        ***       13:04:55
                                                                                                                       PAGE  42

 **MODELOPTs:  NonDFAULT CONC                                FLAT
                                                             NODRYDPLT NOWETDPLT

                                *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER   3 YEARS ***

                                    ** CONC OF NOX      IN PPM                                    **

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

ALL      1ST HIGHEST VALUE IS       0.00608 AT (  372750.44,  3757721.30,    10.00,    10.00,    0.00)  GC  UCART1
         2ND HIGHEST VALUE IS       0.00606 AT (  372750.44,  3757751.30,    10.00,    10.00,    0.00)  GC  UCART1
         3RD HIGHEST VALUE IS       0.00601 AT (  372750.44,  3757691.30,    10.00,    10.00,    0.00)  GC  UCART1
         4TH HIGHEST VALUE IS       0.00595 AT (  372780.44,  3757751.30,    10.00,    10.00,    0.00)  GC  UCART1
         5TH HIGHEST VALUE IS       0.00594 AT (  372750.44,  3757781.30,    10.00,    10.00,    0.00)  GC  UCART1
         6TH HIGHEST VALUE IS       0.00592 AT (  372780.44,  3757721.30,    10.00,    10.00,    0.00)  GC  UCART1
         7TH HIGHEST VALUE IS       0.00589 AT (  372780.44,  3757781.30,    10.00,    10.00,    0.00)  GC  UCART1
         8TH HIGHEST VALUE IS       0.00585 AT (  372750.44,  3757661.30,    10.00,    10.00,    0.00)  GC  UCART1
         9TH HIGHEST VALUE IS       0.00581 AT (  372780.44,  3757691.30,    10.00,    10.00,    0.00)  GC  UCART1
        10TH HIGHEST VALUE IS       0.00570 AT (  372780.44,  3757811.30,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***       06/29/10
                                   ***                                                                       ***       13:04:55
                                                                                                                       PAGE  43

 **MODELOPTs:  NonDFAULT CONC                                FLAT
                                                             NODRYDPLT NOWETDPLT
```

Site #15 – Localized NO2 Concentrations

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

                                ** CONC OF NOX      IN PPM                                  **

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

ALL      HIGH  1ST HIGH VALUE IS       0.03709  ON 07070206: AT (  372780.44,  3757871.30,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Site 15 - NO2                                                          ***        06/29/10
                                   ***                                                                        ***        13:04:55
                                                                                                                         PAGE  44
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            0 Warning Message(s)
 A Total of          152 Informational Message(s)

 A Total of        26280 Hours Were Processed

 A Total of           15 Calm Hours Identified

 A Total of          137 Missing Hours Identified (  0.52 Percent)


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


    ********   WARNING MESSAGES   ********
               ***  NONE  ***


    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

Site #15 – Localized PM10 Concentrations

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.5.0
** Lakes Environmental Software Inc.
** Date: 6/29/2010
** File: C:\Documents and Settings\ssilverman\Desktop\Site 15\PM10.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Site 15 - PM10
   MODELOPT  CONC NODRYDPLT NOWETDPLT FLAT
   AVERTIME 24
   URBANOPT 9862049 Los_Angeles_County
   POLLUTID PM10.
   RUNORNOT RUN
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION AREA1 AREA 372695.400 3757574.990 0.0
** DESCRSRC Exhuast
   LOCATION AREA2 AREA 372695.400 3757574.990 0.0
** DESCRSRC Dust
** Source Parameters **
   SRCPARAM AREA1 9.976E-07 4.100 135.440 299.009 0.000
   SRCPARAM AREA2 0.0000484 0.000 135.440 299.009 0.000 0.000
   URBANSRC AREA1-AREA2
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                  XYINC 371970.44 50 30.00 3756971.30 50 30.00
   GRIDCART UCART1 END
** DESCRREC "" ""
   DISCCART    372922.94   3757605.69
   DISCCART    372861.54   3757481.08
   DISCCART    372438.96   3757746.55
   DISCCART    372431.74   3757838.64
   DISCCART    372435.35   3757928.94
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
   PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   PROFBASE 10 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST PM10.AD\24H1GALL.PLT
OU FINISHED

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

 *** AERMOD - VERSION 09292 ***    *** Site 15 - PM10                                                    ***        06/29/10
                                   ***                                                                   ***        15:44:24
                                                                                                                    PAGE   1
 **MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                 NODRYDPLT NOWETDPLT

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

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for     2 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9862049.0 ;  Urban Roughness Length =  1.000 m

 **Model Allows User-Specified Options:
        1. Stack-tip Downwash.
```

Site #15 – Localized PM10 Concentrations

```
       2. Model Assumes Receptors on FLAT Terrain.
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.
       6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates  1 Short Term Average(s) of:  24-HR

**This Run Includes:      2 Source(s);       1 Source Group(s); and    2505 Receptor(s)

**The Model Assumes A Pollutant Type of:  PM10.

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

**Output Options Selected:
        Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
        Model Outputs External File(s) of High Values for Plotting (PLOTFILE 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) =    10.00 ;  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 =      3.8 MB of RAM.

*** AERMOD - VERSION 09292 ***    *** Site 15 - PM10                                                    ***        06/29/10
                                  ***                                                                   ***        15:44:24
                                                                                                                   PAGE   2
**MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                NODRYDPLT NOWETDPLT


                                              *** AREA SOURCE DATA ***

            NUMBER EMISSION RATE  COORD (SW CORNER)  BASE     RELEASE  X-DIM     Y-DIM    ORIENT.    INIT.   URBAN  EMISSION RATE
   SOURCE     PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF AREA   OF AREA  OF AREA     SZ     SOURCE  SCALAR VARY
     ID       CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS) (METERS)  (METERS)   (DEG.)  (METERS)              BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  AREA1         0   0.99760E-06  372695.4 3757575.0    10.0     4.10    135.44    299.01      0.00     0.00     YES
  AREA2         0   0.48400E-04  372695.4 3757575.0    10.0     0.00    135.44    299.01      0.00     0.00     YES
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM10                                                    ***        06/29/10
                                  ***                                                                   ***        15:44:24
                                                                                                                   PAGE   3
**MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                NODRYDPLT NOWETDPLT


                                         *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                              SOURCE IDs



 ALL       AREA1   , AREA2  ,
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM10                                                    ***        06/29/10
                                  ***                                                                   ***        15:44:24
                                                                                                                   PAGE   4
**MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                NODRYDPLT NOWETDPLT

                                      *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        *** X-COORDINATES OF GRID ***
                                                  (METERS)

     371970.4,  372000.4,  372030.4,  372060.4,  372090.4,  372120.4,  372150.4,  372180.4,  372210.4,  372240.4,
     372270.4,  372300.4,  372330.4,  372360.4,  372390.4,  372420.4,  372450.4,  372480.4,  372510.4,  372540.4,
     372570.4,  372600.4,  372630.4,  372660.4,  372690.4,  372720.4,  372750.4,  372780.4,  372810.4,  372840.4,
     372870.4,  372900.4,  372930.4,  372960.4,  372990.4,  373020.4,  373050.4,  373080.4,  373110.4,  373140.4,
     373170.4,  373200.4,  373230.4,  373260.4,  373290.4,  373320.4,  373350.4,  373380.4,  373410.4,  373440.4,


                                        *** Y-COORDINATES OF GRID ***
                                                  (METERS)

    3756971.3, 3757001.3, 3757031.3, 3757061.3, 3757091.3, 3757121.3, 3757151.3, 3757181.3, 3757211.3, 3757241.3,
    3757271.3, 3757301.3, 3757331.3, 3757361.3, 3757391.3, 3757421.3, 3757451.3, 3757481.3, 3757511.3, 3757541.3,
    3757571.3, 3757601.3, 3757631.3, 3757661.3, 3757691.3, 3757721.3, 3757751.3, 3757781.3, 3757811.3, 3757841.3,
    3757871.3, 3757901.3, 3757931.3, 3757961.3, 3757991.3, 3758021.3, 3758051.3, 3758081.3, 3758111.3, 3758141.3,
    3758171.3, 3758201.3, 3758231.3, 3758261.3, 3758291.3, 3758321.3, 3758351.3, 3758381.3, 3758411.3, 3758441.3,

*** AERMOD - VERSION 09292 ***    *** Site 15 - PM10                                                    ***        06/29/10
                                  ***                                                                   ***        15:44:24
                                                                                                                   PAGE   5
**MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                NODRYDPLT NOWETDPLT

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

    ( 372922.9, 3757605.7,      10.0,      10.0,       0.0);        ( 372861.5, 3757481.1,      10.0,      10.0,       0.0);
    ( 372439.0, 3757746.5,      10.0,      10.0,       0.0);        ( 372431.7, 3757838.6,      10.0,      10.0,       0.0);
    ( 372435.3, 3757928.9,      10.0,      10.0,       0.0);
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM10                                                    ***        06/29/10
                                  ***                                                                   ***        15:44:24
                                                                                                                   PAGE   6
**MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                NODRYDPLT NOWETDPLT

                                       *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                 (1=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
```

Site #15 – Localized PM10 Concentrations

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          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

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

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

1.54, 3.09, 5.14, 8.23, 10.80,

*** AERMOD - VERSION 09292 *** *** Site 15 - PM10 *** *** 06/29/10 15:44:24 PAGE 7

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

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

Surface file: L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC Met Version: 06341
Profile file: L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 0 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2005 Year: 2005

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
05	01	01	1	01	-3.3	0.062	-9.000	-9.000	-999.	35.	6.5	0.26	1.00	1.00	1.10	52.	9.1	282.5	5.5
05	01	01	1	02	-3.9	0.073	-9.000	-9.000	-999.	45.	8.9	0.26	1.00	1.00	1.30	51.	9.1	282.0	5.5
05	01	01	1	03	-2.7	0.056	-9.000	-9.000	-999.	30.	5.9	0.26	1.00	1.00	1.00	48.	9.1	281.4	5.5
05	01	01	1	04	-2.3	0.056	-9.000	-9.000	-999.	30.	6.8	0.26	1.00	1.00	1.00	52.	9.1	280.9	5.5
05	01	01	1	05	-2.8	0.062	-9.000	-9.000	-999.	35.	7.5	0.26	1.00	1.00	1.10	62.	9.1	281.4	5.5
05	01	01	1	06	-5.3	0.078	-9.000	-9.000	-999.	51.	8.2	0.26	1.00	1.00	1.40	64.	9.1	280.9	5.5
05	01	01	1	07	-3.9	0.067	-9.000	-9.000	-999.	40.	7.0	0.26	1.00	1.00	1.20	55.	9.1	280.4	5.5
05	01	01	1	08	-4.9	0.078	-9.000	-9.000	-999.	51.	8.8	0.26	1.00	0.53	1.40	76.	9.1	280.9	5.5
05	01	01	1	09	45.2	0.282	0.524	0.005	115.	344.	-44.6	0.26	1.00	0.30	2.20	78.	9.1	283.1	5.5
05	01	01	1	10	114.4	0.293	1.397	0.005	862.	365.	-19.9	0.26	1.00	0.22	2.10	83.	9.1	284.9	5.5
05	01	01	1	11	139.9	0.299	1.673	0.010	1212.	376.	-17.3	0.26	1.00	0.19	2.10	80.	9.1	287.0	5.5
05	01	01	1	12	15.0	0.122	0.797	0.010	1215.	125.	-10.8	0.26	1.00	0.18	0.80	30.	9.1	287.0	5.5
05	01	01	1	13	28.1	0.223	0.983	0.010	1221.	241.	-35.4	0.26	1.00	0.18	1.70	184.	9.1	287.0	5.5
05	01	01	1	14	17.9	0.256	0.847	0.009	1225.	298.	-84.4	0.26	1.00	0.19	2.10	201.	9.1	287.0	5.5
05	01	01	1	15	4.2	0.231	0.521	0.009	1226.	256.	-268.6	0.26	1.00	0.22	2.00	205.	9.1	286.4	5.5
05	01	01	1	16	0.1	0.180	0.151	0.009	1226.	176.	-5231.4	0.26	1.00	0.31	1.60	211.	9.1	286.4	5.5
05	01	01	1	17	-1.7	0.045	-9.000	-9.000	-999.	46.	4.9	0.26	1.00	0.57	0.80	216.	9.1	285.9	5.5
05	01	01	1	18	-0.6	0.028	-9.000	-9.000	-999.	11.	3.4	0.26	1.00	1.00	0.50	38.	9.1	285.4	5.5
05	01	01	1	19	-0.4	0.022	-9.000	-9.000	-999.	8.	2.8	0.26	1.00	1.00	0.40	261.	9.1	284.9	5.5
05	01	01	1	20	-0.4	0.022	-9.000	-9.000	-999.	8.	2.8	0.26	1.00	1.00	0.40	337.	9.1	284.9	5.5
05	01	01	1	21	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.9	5.5
05	01	01	1	22	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	360.	9.1	284.9	5.5
05	01	01	1	23	-1.9	0.050	-9.000	-9.000	-999.	26.	6.2	0.26	1.00	1.00	0.90	46.	9.1	284.2	5.5
05	01	01	1	24	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.2	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
05	01	01	01	5.5	0	-999.	-99.00	282.6	99.0	-99.00	-99.00
05	01	01	01	9.1	1	52.	1.10	-999.0	99.0	-99.00	-99.00

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

*** AERMOD - VERSION 09292 *** *** Site 15 - PM10 *** *** 06/29/10 15:44:24 PAGE 8

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 371970.44	372000.44	372030.44	372060.44	372090.44
3758441.3	16.78853 (06071424)	17.58438 (06071424)	18.23812m(05010924)	20.42822 (07071924)	23.87834 (06062824)
3758411.3	16.79816 (07021124)	17.43647 (06071424)	18.38644 (06071424)	19.31979m(05010924)	21.41236 (07071924)
3758381.3	16.88690 (07021124)	17.42675 (07021124)	18.10855 (06071424)	19.22061 (06071424)	20.50896m(05010924)
3758351.3	17.13742 (06110124)	17.39541 (07021124)	18.06980 (07021124)	18.80768 (06071424)	20.09090 (06071424)
3758321.3	21.02023 (06110124)	19.28894 (06110124)	17.91594 (07021124)	18.72782 (07021124)	19.54048 (06071424)
3758291.3	23.54241 (06110124)	22.84872 (06110124)	21.47042 (06110124)	19.33077 (06110124)	19.40542 (07021124)
3758261.3	24.70386 (06110124)	24.87740 (06110124)	24.57448 (06110124)	23.61878 (06110124)	21.84921 (06110124)
3758231.3	24.88127 (06110124)	25.62273 (06110124)	26.08798 (06110124)	26.16812 (06110124)	25.67412 (06110124)
3758201.3	24.34184 (06110124)	25.51792 (06110124)	26.46901 (06110124)	27.19087 (06110124)	27.61970 (06110124)
3758171.3	23.69181 (07091324)	24.72687 (06110124)	26.11440 (06110124)	27.26466 (06110124)	28.21541 (06110124)
3758141.3	24.99425 (07091324)	25.42898 (07091324)	25.60774 (07091324)	26.67729 (06110124)	28.03665 (06110124)
3758111.3	25.22580 (07091324)	26.17601 (07091324)	26.94746 (07091324)	27.50548 (07091324)	27.80697 (07091324)
3758081.3	28.68776 (07020624)	28.38976 (07020624)	27.81637 (07020624)	28.26111 (07091324)	29.17513 (07091324)
3758051.3	32.08790 (07020624)	32.70552 (07020624)	32.97744 (07020624)	32.89084 (07020624)	32.45545 (07020624)
3758021.3	33.08414 (07020624)	34.65869 (07020624)	35.99832 (07020624)	37.03214 (07020624)	37.71458 (07020624)
3757991.3	31.92968 (07020624)	34.08625 (07020624)	36.21774 (07020624)	38.22448 (07020624)	40.02291 (07020624)
3757961.3	29.72818 (07020624)	31.97657 (07020624)	34.41228 (07020624)	36.95294 (07020624)	39.49464 (07020624)
3757931.3	27.66915 (07030624)	29.61386 (07020624)	31.90631 (07020624)	34.49020 (07020624)	37.30771 (07020624)
3757901.3	29.39358 (06041124)	30.43083 (06041124)	31.47308 (06041124)	32.51942 (06041124)	34.87493 (07020624)
3757871.3	32.53907 (06041124)	33.96761 (06041124)	35.44876 (06041124)	36.98052 (06041124)	38.56136 (06041124)
3757841.3	36.45800 (05122624)	37.82602 (05122624)	39.28264 (05122624)	40.84369 (05122624)	42.52494 (05122624)
3757811.3	41.22749 (05122624)	42.98839 (05122624)	44.85563 (05122624)	46.84343 (05122624)	48.96940 (05122624)
3757781.3	44.41812 (05122624)	46.45991 (05122624)	48.61002 (05122624)	50.87571 (05122624)	53.26976 (05122624)
3757751.3	45.18906 (05122624)	47.34145 (05122624)	49.60953 (05122624)	51.99739 (05122624)	54.51178 (05122624)
3757721.3	43.52415 (05122624)	45.60810 (05122624)	47.82888 (05122624)	50.19765 (05122624)	53.65015m(05012424)
3757691.3	45.90628m(05012424)	49.26999m(05012424)	52.93425m(05012424)	56.91437m(05012424)	61.22369m(05012424)
3757661.3	50.15534m(05012424)	53.68400m(05012424)	57.45598m(05012424)	61.47075m(05012424)	65.72321m(05012424)
3757631.3	52.70816m(05012424)	55.97796m(05012424)	59.39579m(05012424)	62.95753m(05012424)	66.66014m(05012424)
3757601.3	53.62906m(05012424)	56.37106m(05012424)	59.18151m(05012424)	62.06710m(05012424)	65.04642m(05012424)
3757571.3	53.18508m(05012424)	55.35683m(05012424)	57.57194m(05012424)	59.85633m(05012424)	62.25325m(05012424)
3757541.3	51.54951m(05012424)	53.23817m(05012424)	55.42705 (06012524)	58.66459 (06012524)	62.03267 (06012524)
3757511.3	52.16656 (06012524)	54.82500 (06012524)	57.54982 (06012524)	60.39837 (06012524)	63.46234 (06012524)

Site #15 – Localized PM10 Concentrations

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3757481.3 |     52.99898 (06012524)     55.17939 (06012524)     57.46884 (06012524)     59.95681 (06012524)     62.74829 (06012524)
3757451.3 |     51.62997 (06012524)     53.35519 (06012524)     55.25654 (06012524)     57.41641 (06012524)     61.26595 (05120724)
3757421.3 |     48.47918 (06012524)     51.45609 (05120724)     54.80662 (05120724)     58.15538 (05120724)     61.42444 (05120724)
3757391.3 |     49.24105 (05120724)     52.02495 (05120724)     54.73764 (05120724)     58.35547 (05121124)     63.10991 (05121124)
3757361.3 |     49.05792 (05120724)     52.12888 (05121124)     55.92794 (05121124)     59.92175 (05121124)     63.99950 (05121124)
3757331.3 |     49.86194 (05121124)     53.05118 (05121124)     56.31545 (05121124)     59.55451 (05121124)     62.62923 (05121124)
3757301.3 |     49.86688 (05121124)     52.48238 (05121124)     55.00775 (05121124)     57.34084 (05121124)     59.36216 (05121124)
3757271.3 |     48.61025 (05121124)     50.58272 (05121124)     52.78913 (07123024)     55.27839 (07123024)     57.20335 (07123024)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM10                                                          ***       06/29/10
                                  ***                                                                         ***       15:44:24
                                                                                                                        PAGE   9

**MODELOPTs:  NonDFAULT CONC                          FLAT
                                                      NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       371970.44              372000.44              372030.44              372060.44              372090.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |     47.97781 (07123024)     50.38320 (07123024)     52.25374 (07123024)     53.55945 (07123024)     56.53520 (05110524)
3757211.3 |     47.90302 (07123024)     49.23517 (07123024)     50.01831 (07123024)     53.75057 (05110524)     58.07283 (05110524)
3757181.3 |     46.27350 (07123024)     47.20099 (05110524)     51.03660 (05110524)     54.72024 (05110524)     58.26741 (05111224)
3757151.3 |     45.08592 (05110524)     48.63110 (05111224)     52.55832 (05111224)     55.61525 (05111224)     57.50478 (05111224)
3757121.3 |     47.12401 (05111224)     50.52547 (05111224)     53.04189 (05111224)     54.41273 (05111224)     56.38383 (05120824)
3757091.3 |     48.52149 (05111224)     50.55327 (05111224)     51.47458 (05111224)     53.01669 (05120824)     53.64836 (05120824)
3757061.3 |     48.15502 (05111224)     48.69450 (05111224)     49.91300 (05120824)     50.44464 (05100924)     52.90135 (05100924)
3757031.3 |     46.12194 (05120824)     47.05586 (05120824)     47.56245 (05100924)     49.86146 (05100924)     51.19485 (05100924)
3757001.3 |     44.42011 (05120824)     44.94185 (05100924)     47.10199 (05100924)     48.37370 (05100924)     48.52759 (05100924)
3756971.3 |     42.55425 (05100924)     44.59021 (05100924)     45.80839 (05100924)     45.98787 (05100924)     44.96943 (05100924)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM10                                                          ***       06/29/10
                                  ***                                                                         ***       15:44:24
                                                                                                                        PAGE  10

**MODELOPTs:  NonDFAULT CONC                          FLAT
                                                      NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372120.44              372150.44              372180.44              372210.44              372240.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |     27.85155 (06062824)     31.02912 (06062824)     32.95554 (06062824)     33.21604 (06062824)     31.60332 (06062824)
3758411.3 |     25.47087 (06062824)     29.60480 (06062824)     32.84328 (06062824)     34.69514 (06062824)     34.71666 (06062824)
3758381.3 |     22.57224m(05010924)     27.20665 (06062824)     31.50463 (06062824)     34.80181 (06062824)     36.55973 (06062824)
3758351.3 |     21.82196m(05010924)     24.10266m(05010924)     29.10003 (06062824)     33.57114 (06062824)     36.92131 (06062824)
3758321.3 |     20.99735 (06071424)     23.27286m(05010924)     25.84336 (06062824)     31.17426 (06062824)     35.82354 (06062824)
3758291.3 |     20.51853 (07100124)     21.95792m(05010924)     24.88666m(05010924)     27.83484 (06062824)     33.44902 (06062824)
3758261.3 |     20.33858 (07100124)     21.77378 (07100124)     23.42246m(05010924)     26.68886m(05010924)     30.03628 (06062824)
3758231.3 |     24.38317 (06110124)     22.12080 (06110124)     23.09242 (07100124)     25.05118m(05010924)     28.70941m(05010924)
3758201.3 |     27.59233 (06110124)     26.85156 (06110124)     25.11892 (06110124)     24.68640 (06092024)     27.32447 (06092024)
3758171.3 |     28.94653 (06110124)     29.34847 (06110124)     29.18463 (06110124)     28.10800 (06110124)     26.76678 (06092024)
3758141.3 |     29.19467 (06110124)     30.18293 (06110124)     30.95365 (06110124)     31.33890 (06110124)     30.98618 (06110124)
3758111.3 |     28.79783 (06110124)     30.16291 (06110124)     31.37433 (06110124)     32.45201 (06110124)     33.31022 (06110124)
3758081.3 |     29.89354 (07091324)     30.38085 (07091324)     31.14903 (06110124)     32.57281 (06110124)     33.90662 (06110124)
3758051.3 |     31.71027 (07020624)     31.77059 (07091324)     32.73472 (06090824)     34.57979 (06090824)     36.30893 (06090824)
3758021.3 |     38.02223 (07020624)     37.94670 (07020624)     37.49298 (07020624)     36.67396 (07020624)     38.66415 (06090824)
3757991.3 |     41.54795 (07020624)     42.76427 (07020624)     43.65013 (07020624)     44.19487 (07020624)     44.36795 (07020624)
3757961.3 |     41.93480 (07020624)     44.19487 (07020624)     46.23270 (07020624)     48.04084 (07020624)     49.63462 (07020624)
3757931.3 |     40.26120 (07020624)     43.23073 (07020624)     46.10860 (07020624)     48.82459 (07020624)     51.36479 (07020624)
3757901.3 |     37.88764 (07020624)     41.18791 (07020624)     44.65436 (07020624)     48.14894 (07020624)     51.54822 (07020624)
3757871.3 |     40.19376 (06041124)     41.88471 (06041124)     43.64749 (06041124)     47.01830 (07020624)     51.26265 (07020624)
3757841.3 |     44.34611 (05122624)     46.33155 (05122624)     48.50871 (05122624)     50.91137 (05122624)     53.58238 (05122624)
3757811.3 |     51.25678 (05122624)     53.72912 (05122624)     56.41852 (05122624)     59.36023 (05122624)     62.59709 (05122624)
3757781.3 |     55.80531 (05122624)     58.50122 (05122624)     61.38003 (05122624)     64.47177 (05122624)     67.81107 (05122624)
3757751.3 |     57.16087 (05122624)     59.95608 (05122624)     62.91248 (05122624)     66.05454 (05122624)     69.41309 (05122624)
3757721.3 |     57.87108m(05012424)     62.52695m(05012424)     67.65341m(05012424)     73.27854m(05012424)     79.42419m(05012424)
3757691.3 |     65.86790m(05012424)     70.85036m(05012424)     76.16646m(05012424)     81.80270m(05012424)     87.75441m(05012424)
3757661.3 |     70.20771m(05012424)     74.91594m(05012424)     79.84742m(05012424)     85.01528m(05012424)     90.46130m(05012424)
3757631.3 |     70.51025m(05012424)     74.52773m(05012424)     78.75896m(05012424)     83.27996m(05012424)     88.21337m(05012424)
3757601.3 |     68.15335m(05012424)     71.44733m(05012424)     75.01881m(05012424)     78.98937m(05012424)     83.53180m(05012424)
3757571.3 |     64.82345m(05012424)     67.65289m(05012424)     71.35560 (06010824)     75.95318 (06012524)     81.66046 (06012524)
3757541.3 |     65.61563 (06012524)     69.55136 (06012524)     74.02210 (06012524)     79.23296 (06012524)     85.35468 (06012524)
3757511.3 |     66.86993 (06012524)     70.77163 (06012524)     75.30259 (06012524)     80.53630 (06012524)     86.41488 (06012524)
3757481.3 |     65.94866 (06012524)     69.62765 (06012524)     73.77082 (06012524)     78.65347 (05120724)     85.09001 (05121124)
3757451.3 |     65.33311 (05120724)     69.31943 (05120724)     74.50548 (05121124)     81.92002 (05121124)     89.70387 (05121124)
3757421.3 |     65.72067 (05121124)     71.66643 (05121124)     77.91684 (05121124)     84.25210 (05121124)     90.36764 (05121124)
3757391.3 |     68.10870 (05121124)     73.20087 (05121124)     78.15528 (05121124)     82.68793 (05121124)     86.47060 (05121124)
3757361.3 |     68.00899 (05121124)     71.74332 (05121124)     74.96549 (05121124)     77.43155 (05121124)     78.93123 (05121124)
3757331.3 |     65.37556 (05121124)     67.61938 (05121124)     69.19716 (05121124)     73.20113 (05110524)     80.66599 (05110524)
3757301.3 |     60.94933 (05121124)     62.96543 (07123024)     69.06672 (05110524)     75.52762 (05110524)     81.20505 (05110524)
3757271.3 |     59.41233 (05110524)     65.22157 (05110524)     70.73866 (05110524)     75.41191 (05110524)     78.62862 (05110524)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM10                                                          ***       06/29/10
                                  ***                                                                         ***       15:44:24
                                                                                                                        PAGE  11

**MODELOPTs:  NonDFAULT CONC                          FLAT
                                                      NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372120.44              372150.44              372180.44              372210.44              372240.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |     61.57034 (05110524)     66.22857 (05110524)     70.03267 (05110524)     72.88618 (05120824)     76.52843 (05120824)
3757211.3 |     61.97452 (05110524)     65.05024 (05110524)     68.26381 (05120824)     71.01549 (05120824)     74.08917 (05100924)
3757181.3 |     60.81090 (05120824)     63.98749 (05120824)     66.01957 (05120824)     68.84515 (05100924)     70.80748 (05100924)
3757151.3 |     60.03420 (05120824)     61.48645 (05120824)     64.17665 (05100924)     65.94335 (05100924)     66.01796 (05100924)
3757121.3 |     57.37742 (05120824)     60.00883 (05100924)     61.62481 (05100924)     61.69992 (05100924)     63.05296 (05122924)
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Site #15 – Localized PM10 Concentrations

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3757091.3 |     56.26828 (05100924)     57.77107 (05100924)     57.85343 (05100924)     58.55315 (05122924)     61.38429 (05122924)
3757061.3 |     54.31242 (05100924)     54.41630 (05100924)     54.50744 (05122924)     57.23628 (05122924)     58.37717 (05122924)
3757031.3 |     51.32430 (05100924)     50.86652 (05122924)     53.47314 (05122924)     54.74837 (05122924)     54.31568 (05122924)
3757001.3 |     47.57676 (05122924)     50.05311 (05122924)     51.40946 (05122924)     51.32027 (05122924)     49.53928 (05122924)
3756971.3 |     46.93746 (05122924)     48.33314 (05122924)     48.50756 (05122924)     47.22881 (05122924)     44.36568 (05122924)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM10                                                      ***        06/29/10
                                  ***                                                                     ***        15:44:24
                                                                                                                     PAGE  12

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372270.44              372300.44              372330.44              372360.44              372390.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |     29.40116 (05082524)     27.50294 (05082524)     26.37665 (05101024)     26.06445 (05101024)     26.04204 (07030924)
3758411.3 |     32.71206 (06062824)     30.73398 (05082524)     28.07360 (05082524)     27.65575 (05101024)     26.64790 (07030924)
3758381.3 |     36.30744 (06062824)     33.86335 (06062824)     31.97647 (05082524)     28.42758 (05082524)     28.59099 (05101024)
3758351.3 |     38.56731 (06062824)     38.00005 (06062824)     35.62475 (05082524)     33.09424 (05082524)     29.97258 (05101024)
3758321.3 |     39.22601 (06062824)     40.73989 (06062824)     39.81302 (06062824)     37.51900 (05082524)     34.04684 (05082524)
3758291.3 |     38.28734 (06062824)     41.74506 (06062824)     43.10860 (06062824)     41.76584 (06062824)     39.38581 (05082524)
3758261.3 |     35.95435 (06062824)     40.99768 (06062824)     44.51690 (06062824)     45.70696 (06062824)     44.11762 (05082524)
3758231.3 |     32.47944 (06062824)     38.72394 (06062824)     43.99346 (06062824)     47.59181 (06062824)     48.58283 (06062824)
3758201.3 |     30.98571m(05010924)     35.20141 (06062824)     41.79797 (06062824)     47.33351 (06062824)     51.03420 (06062824)
3758171.3 |     29.86643 (06092024)     33.56819m(05010924)     38.24586 (06062824)     45.23790 (06062824)     51.08687 (06062824)
3758141.3 |     29.46546 (07080524)     32.65556 (06092024)     36.51274m(05010924)     41.73224m(05010924)     49.11053 (06062824)
3758111.3 |     33.67436 (06110124)     33.04415 (06110124)     35.71375 (06092024)     39.89915m(05010924)     45.91906m(05010924)
3758081.3 |     35.14850 (06110124)     36.14776 (06110124)     37.46507 (05021824)     39.06382 (06092024)     43.82142m(05010924)
3758051.3 |     37.80453 (06090824)     38.93010 (06090824)     41.06734 (05021824)     43.41837 (05021824)     45.50058 (05021824)
3758021.3 |     41.07099 (06090824)     43.24119 (06090824)     44.99798 (06090824)     47.56243 (05021824)     50.73498 (05021824)
3757991.3 |     44.12936 (07020624)     46.06819 (06090824)     49.23688 (06090824)     52.02350 (06090824)     55.42742 (05021824)
3757961.3 |     51.02312 (07020624)     52.18552 (07020624)     53.04736 (07020624)     55.28897 (06090824)     59.53296 (06090824)
3757931.3 |     53.77148 (07020624)     56.11556 (07020624)     58.47113 (07020624)     60.87681 (07020624)     63.31713 (07020624)
3757901.3 |     54.79755 (07020624)     57.91647 (07020624)     61.00492 (07020624)     64.20240 (07020624)     67.65797 (07020624)
3757871.3 |     55.56216 (07020624)     59.79550 (07020624)     63.93212 (07020624)     68.05943 (07020624)     72.36030 (07020624)
3757841.3 |     56.57330 (05122624)     61.29572 (07020624)     66.94722 (07020624)     72.66193 (07020624)     78.49981 (07020624)
3757811.3 |     66.18118 (05122624)     70.17543 (05122624)     74.66222 (05122624)     79.74832 (05122624)     87.22481 (07112524)
3757781.3 |     71.44366 (05122624)     75.42621 (05122624)     79.83299 (05122624)     84.77346 (07112524)     93.28018 (07112524)
3757751.3 |     73.14476m(05012424)     80.33361m(05012424)     88.44558m(05012424)     97.54949m(05012424)    107.71683m(05012424)
3757721.3 |     86.10493m(05012424)     93.33191m(05012424)    101.12111m(05012424)    109.53568m(05012424)    118.72683m(05012424)
3757691.3 |     94.02716m(05012424)    100.66064m(05012424)    107.76171m(05012424)    115.55071m(05012424)    124.41373m(05012424)
3757661.3 |     96.27262m(05012424)    102.60194m(05012424)    109.69737m(05012424)    117.91843m(05012424)    127.74815m(05012424)
3757631.3 |     93.74218m(05012424)    100.11932m(05012424)    107.66973m(05012424)    116.77378m(05012424)    127.80336m(05012424)
3757601.3 |     88.85709m(05012424)     95.22196m(05012424)    102.89070m(05012424)    112.09442m(05012424)    122.94535m(05012424)
3757571.3 |     88.40755 (06012524)     96.37740 (06012524)    105.57770 (06012524)    115.80181 (06012524)    126.72160 (06012524)
3757541.3 |     92.44536 (06012524)    100.39338 (06012524)    108.91763 (06012524)    117.67036 (06012524)    128.17921 (05121124)
3757511.3 |     92.73507 (06012524)     99.15871 (06012524)    109.42475 (05121124)    121.24632 (05121124)    133.16740 (05121124)
3757481.3 |     94.30209 (05121124)    103.94204 (05121124)    113.64705 (05121124)    123.01235 (05121124)    131.62114 (05121124)
3757451.3 |     97.56332 (05121124)    105.11932 (05121124)    111.92783 (05121124)    117.52210 (05121124)    122.00444 (06123024)
3757421.3 |     95.88875 (05121124)    100.40082 (05121124)    103.51438 (05121124)    111.43718 (06123024)    123.16531 (06123024)
3757391.3 |     89.18920 (05121124)     92.68574 (05110524)    101.96747 (05110524)    110.97504 (06123024)    118.88473 (06123024)
3757361.3 |     86.30273 (05110524)     94.30504 (05110524)    100.96268 (05110524)    105.85090 (06123024)    113.59579 (05120824)
3757331.3 |     87.46688 (05110524)     92.80462 (05110524)     96.75481 (05120824)    103.17938 (05120824)    107.71917 (05120824)
3757301.3 |     85.39191 (05110524)     89.32708 (05120824)     94.26404 (05100924)     98.04134 (05100924)     98.84884 (05100924)
3757271.3 |     82.61055 (05120824)     86.68660 (05100924)     89.77120 (05100924)     90.24002 (05100924)     95.37283 (05122924)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM10                                                      ***        06/29/10
                                  ***                                                                     ***        15:44:24
                                                                                                                     PAGE  13

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372270.44              372300.44              372330.44              372360.44              372390.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |     80.00151 (05100924)     82.58507 (05100924)     82.85624 (05100924)     87.21656 (05122924)     89.84276 (05122924)
3757211.3 |     76.31609 (05100924)     76.46926 (05100924)     80.05047 (05122924)     82.86849 (05122924)     81.81645 (05122924)
3757181.3 |     70.90529 (05100924)     73.71339 (05122924)     76.62899 (05122924)     76.30042 (05122924)     72.09986 (05122924)
3757151.3 |     68.08012 (05122924)     71.02008 (05122924)     71.24054 (05122924)     68.16219 (05122924)     61.64045 (05122924)
3757121.3 |     65.96093 (05122924)     66.59153 (05122924)     64.41662 (05122924)     59.22787 (05122924)     51.26347 (05122924)
3757091.3 |     62.31658 (05122924)     60.86190 (05122924)     56.78307 (05122924)     50.18057 (05122924)     49.19984 (07120924)
3757061.3 |     57.49540 (05122924)     54.33599 (05122924)     48.90625 (05122924)     45.35761 (05112824)     48.39536 (06120424)
3757031.3 |     51.91440 (05122924)     47.48606 (05122924)     42.16391 (05112824)     43.50763 (07120924)     47.84404 (06120424)
3757001.3 |     45.95981 (05122924)     40.68708 (05122924)     40.65122 (05112824)     43.03564 (06120424)     46.80166 (06120424)
3756971.3 |     39.95509 (05122924)     38.15504 (05112824)     38.66801 (07120924)     42.53027 (06120424)     45.35242 (06120424)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM10                                                      ***        06/29/10
                                  ***                                                                     ***        15:44:24
                                                                                                                     PAGE  14

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372420.44              372450.44              372480.44              372510.44              372540.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |     33.81295 (06090524)     40.93906 (06090524)     45.48872 (06090524)     46.75898 (06090524)     45.64997 (06090524)
3758411.3 |     31.84232 (06090524)     40.12110 (06090524)     46.44008 (06090524)     49.41256 (06090524)     49.36760 (06090524)
3758381.3 |     29.50144 (06090524)     38.63448 (06090524)     46.65707 (06090524)     51.59816 (06090524)     53.02341 (06090524)
3758351.3 |     30.05815 (07030924)     36.54074 (06090524)     46.05970 (06090524)     53.13157 (06090524)     56.44758 (06090524)
3758321.3 |     31.43078 (05101024)     33.94734 (06090524)     44.63094 (06090524)     53.84279 (06090524)     59.44206 (06090524)
3758291.3 |     34.79195 (05082524)     34.06855 (07030924)     42.41445 (06090524)     53.58815 (06090524)     61.76993 (06090524)
3758261.3 |     41.20687 (05082524)     35.29330 (05082524)     39.51946 (06090524)     52.28687 (06090524)     63.19610 (06090524)
3758231.3 |     46.97045 (05082524)     42.95092 (05082524)     38.81615 (07030924)     49.95035 (06090524)     63.46877 (06090524)
```

Site #15 – Localized PM10 Concentrations

3758201.3	51.79314 (06062824)	49.97029 (05082524)	44.58860 (05082524)	46.67877 (06090524)	62.41148 (06090524)
3758171.3	54.93581 (06062824)	55.68541 (05082524)	53.15767 (05082524)	46.11265 (05082524)	59.95844 (06090524)
3758141.3	55.36144 (06062824)	59.42331 (06062824)	60.24365 (05082524)	56.57575 (05082524)	56.19669 (06090524)
3758111.3	53.51985 (06062824)	60.29414 (06062824)	65.08512 (05082524)	65.41418 (05082524)	60.29132 (05082524)
3758081.3	50.83345m(05010924)	58.60700 (06062824)	66.41649 (05082524)	71.71877 (05082524)	71.47103 (05082524)
3758051.3	48.41420m(05010924)	56.66763m(05010924)	64.57667 (06062824)	74.03734 (05082524)	79.65523 (05082524)
3758021.3	53.64063 (05021824)	55.95563 (05021824)	63.70232m(05010924)	73.47118m(05010924)	83.19454 (05082524)
3757991.3	59.79754 (05021824)	63.97918 (05021824)	67.59455 (05021824)	72.35662m(05010924)	84.83158m(05010924)
3757961.3	64.96293 (05021824)	71.08115 (05021824)	77.25416 (05021824)	83.12442 (05021824)	88.33635 (05021824)
3757931.3	68.82759 (05021824)	76.59164 (05021824)	85.22078 (05021824)	94.49562 (05021824)	104.26809 (05021824)
3757901.3	71.80328 (05021824)	80.73299 (05021824)	91.29619 (05021824)	103.53692 (05021824)	117.62175 (05021824)
3757871.3	77.07489 (07020624)	83.87136 (05021824)	95.85591 (05021824)	110.46527 (05021824)	128.20434 (05021824)
3757841.3	84.70218 (07020624)	91.66326 (07020624)	99.92208 (07020624)	112.88706 (05021824)	132.55486 (05021824)
3757811.3	95.91494 (07112524)	105.98190 (07112524)	118.05656 (07112524)	133.20048 (07112524)	153.25808 (07112524)
3757781.3	103.06741 (07112524)	114.65359 (07112524)	129.66971m(05012424)	148.48243m(05012424)	172.35482 (06010124)
3757751.3	119.05074m(05012424)	131.79173m(05012424)	146.51521m(05012424)	164.45329 (06010124)	189.80929 (06010124)
3757721.3	129.03234m(05012424)	141.10717m(05012424)	156.01862m(05012424)	175.20464m(05012424)	203.37714 (07112524)
3757691.3	134.95712m(05012424)	147.99867m(05012424)	164.41550m(05012424)	184.86463m(05012424)	210.96115 (07112524)
3757661.3	139.73050m(05012424)	154.34376m(05012424)	171.81907m(05012424)	192.21678m(05012424)	215.88596m(05012424)
3757631.3	141.01411m(05012424)	156.45188m(05012424)	174.03887m(05012424)	193.88553m(05012424)	216.69404m(05012424)
3757601.3	135.41056m(05012424)	149.40339m(05012424)	167.83125 (07010324)	187.56221 (07010324)	210.84121 (05121724)
3757571.3	138.43173 (07010324)	153.65365 (07010324)	169.80570 (05121124)	189.54288 (05121724)	214.08084 (05121724)
3757541.3	142.56012 (05121124)	157.25054 (05121124)	172.41806 (05121124)	189.07700 (05121724)	215.09391 (05111724)
3757511.3	144.90313 (05121124)	156.30177 (05121124)	167.91965 (06123024)	190.84289 (06123024)	214.11242 (06123024)
3757481.3	139.06103 (05121124)	151.54788 (06123024)	169.56106 (06123024)	186.12174 (06123024)	200.91107 (05120824)
3757451.3	136.66002 (06123024)	150.58104 (06123024)	162.07512 (06123024)	174.55776 (05120824)	189.96141 (05120824)
3757421.3	133.74159 (06123024)	141.57114 (06123024)	153.10958 (05120824)	163.15154 (05120824)	165.27978 (05120824)
3757391.3	125.53511 (05120824)	135.32658 (05120824)	141.62936 (05120824)	144.02139 (05122924)	143.76114 (05122924)
3757361.3	120.38566 (05120824)	124.04106 (05120824)	128.47561 (05122924)	129.07232 (05122924)	119.97690 (05122924)
3757331.3	109.51170 (05120824)	115.61877 (05122924)	116.93933 (05122924)	110.32528 (05122924)	104.45749 (05011824)
3757301.3	104.73819 (05122924)	106.63187 (05122924)	101.94691 (05122924)	92.06497 (05011824)	98.33377 (06120424)
3757271.3	97.69794 (05122924)	94.52670 (05122924)	85.11797 (05122924)	84.35588 (06120424)	94.05399 (06120424)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372420.44	372450.44	372480.44	372510.44	372540.44
3757241.3	87.86210 (05122924)	80.56617 (05122924)	73.50954 (05011824)	82.46834 (06120424)	88.15367 (06120424)
3757211.3	76.23305 (05122924)	66.66030 (05011824)	71.96845 (06120424)	79.04237 (06120424)	81.26555 (06120424)
3757181.3	63.98055 (05122924)	62.68437 (06120424)	70.27812 (06120424)	74.52151 (06120424)	73.91444 (06120424)
3757151.3	55.98109 (07120924)	62.16374 (06120424)	67.53177 (06120424)	69.29982 (06120424)	66.51573 (06120424)
3757121.3	54.84636 (06120424)	60.70058 (06120424)	64.01583 (06120424)	63.70400 (06120424)	60.19490 (05020424)
3757091.3	54.27544 (06120424)	58.49395 (06120424)	59.98069 (06120424)	58.00634 (06120424)	59.07907 (05020424)
3757061.3	53.03762 (06120424)	55.72349 (06120424)	55.63773 (06120424)	52.38971 (06120424)	57.32580 (05020424)
3757031.3	51.25280 (06120424)	52.55615 (06120424)	51.16385 (06120424)	50.37175 (05020424)	55.08702 (05020424)
3757001.3	49.04669 (06120424)	49.12535 (06120424)	46.69292 (06120424)	49.44639 (05020424)	52.50376 (05020424)
3756971.3	46.52366 (06120424)	45.55503 (06120424)	43.24833 (05020424)	48.08202 (05020424)	49.70174 (05020424)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372570.44	372600.44	372630.44	372660.44	372690.44
3758441.3	43.93621 (06090524)	42.83500 (06090524)	43.14561 (06091124)	40.33293 (06091124)	41.92430 (07050924)
3758411.3	47.94637 (06090524)	46.61883 (06090524)	45.90131 (06091124)	43.64068 (06091124)	44.01699 (07030724)
3758381.3	52.27563 (06090524)	50.96687 (06090524)	49.36112 (06090524)	47.21154 (06091124)	46.75959 (07030724)
3758351.3	56.81726 (06090524)	55.86855 (06090524)	54.10710 (06090524)	51.05864 (06091124)	49.78735 (07030724)
3758321.3	61.40577 (06090524)	61.26515 (06090524)	59.64118 (06090524)	55.75694 (06090524)	53.14521 (07030724)
3758291.3	65.86526 (06090524)	67.03047 (06090524)	65.99214 (06090524)	61.84791 (06090524)	56.88138 (07030724)
3758261.3	69.96910 (06090524)	73.00971 (06090524)	73.12124 (06090524)	69.09565 (06090524)	62.02563 (06091124)
3758231.3	73.43323 (06090524)	79.00582 (06090524)	80.91991 (06090524)	77.63672 (06090524)	68.36831 (06090524)
3758201.3	75.93017 (06090524)	84.77918 (06090524)	89.21829 (06090524)	87.52301 (06090524)	77.73674 (06090524)
3758171.3	77.05776 (06090524)	90.01319 (06090524)	97.81575 (06090524)	98.70100 (06090524)	89.16515 (06090524)
3758141.3	76.45065 (06090524)	94.25484 (06090524)	106.46263 (06090524)	111.04442 (06090524)	102.92048 (06090524)
3758111.3	73.89355 (06090524)	96.89115 (06090524)	114.82020 (06090524)	124.40205 (06090524)	119.17203 (06090524)
3758081.3	69.44337 (06090524)	97.20313 (06090524)	122.34158 (06090524)	138.60839 (06090524)	138.02709 (06090524)
3758051.3	80.18949 (06062824)	94.64509 (06090524)	128.13662 (06090524)	153.47328 (06090524)	159.75339 (06090524)
3758021.3	90.60368 (06062824)	93.69098 (06062824)	130.84032 (06090524)	168.56503 (06090524)	184.91428 (06090524)
3757991.3	96.97374m(05010924)	107.54468 (06062824)	128.99378 (06090524)	182.86293 (06090524)	214.48230 (06090524)
3757961.3	99.95217m(05010924)	117.99480m(05010924)	135.25472m(05010924)	194.27160 (06090524)	250.46453 (06090524)
3757931.3	114.45288 (05021824)	124.68456 (05021824)	151.10242m(05010924)	200.96828 (06090524)	299.18025 (06090524)
3757901.3	134.13870 (05021824)	154.37630 (05021824)	180.42191 (05021824)	213.15599 (05021824)	380.85314 (06090524)
3757871.3	150.20347 (05021824)	179.16251 (05021824)	221.61756 (05021824)	296.75011 (05021824)	556.02803 (05021824)
3757841.3	157.41099 (05021824)	190.26021 (05021824)	239.49193 (07112524)	354.97272 (07112524)	792.87220 (07112524)
3757811.3	181.56371 (07112524)	224.57918 (07112524)	296.88726 (07112524)	434.69665 (07112524)	873.59301 (07112524)
3757781.3	206.67825 (07112524)	258.19296 (07112524)	338.96697 (07112524)	477.23771 (07112524)	909.30174 (07112524)
3757751.3	228.91263 (07112524)	284.55219 (07112524)	365.62390 (07112524)	499.87538 (07112524)	925.69500 (07112524)
3757721.3	245.72451 (07112524)	301.99891 (07112524)	380.77584 (07112524)	510.97906 (07112524)	932.08882 (07112524)
3757691.3	254.45362 (07112524)	310.10047 (07112524)	386.92336 (07112524)	514.53323 (07112524)	933.31196 (07112524)
3757661.3	252.68371 (07112524)	307.19312 (07112524)	383.28149 (07112524)	510.87247 (07112524)	930.39965 (07112524)
3757631.3	244.21722m(05012424)	291.61773 (07112524)	365.69790 (07112524)	494.20828 (07112524)	917.53265 (07112524)
3757601.3	242.51313 (05121724)	290.37531 (05111724)	365.46672 (05120824)	487.29545 (05120824)	873.43878 (07112524)
3757571.3	249.02422 (05111724)	295.32227 (05111724)	357.30112 (05111724)	467.27792 (05120824)	775.47221 (05120824)
3757541.3	247.33929 (05111724)	283.70143 (06123024)	338.41995 (05120824)	402.18403 (05120824)	469.09331 (06121824)
3757511.3	236.78452 (06123024)	270.57516 (05120824)	296.55467 (05120824)	324.59771 (06121824)	335.09194 (06121824)
3757481.3	224.33042 (05120824)	236.33217 (05120824)	241.82728 (06121824)	260.77161 (06121824)	255.57834 (06010524)
3757451.3	195.48509 (05120824)	189.00662 (06121824)	204.46570 (06121824)	211.16492 (06010524)	204.18678 (06010524)
3757421.3	162.24605 (05122924)	163.86580 (06121824)	171.57651 (06010524)	179.19936 (06010524)	185.39420 (07081524)
3757391.3	137.45113 (05011824)	142.61386 (06120424)	152.68032 (06010524)	151.47134 (06010524)	172.85183 (07081524)
3757361.3	119.66840 (05011824)	131.73081 (06120424)	134.42136 (06010524)	129.86624 (05020424)	162.15608 (07081524)
3757331.3	114.23615 (06120424)	118.69539 (06120424)	117.53303 (06010524)	116.84872 (05020424)	152.81976 (07081524)

Site #15 – Localized PM10 Concentrations

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3757301.3 |    106.37662 (06120424)    105.41134 (06010524)    105.99972 (05020424)    104.40599 (05020424)    144.50476 (07081524)
3757271.3 |     97.06405 (06120424)     94.29220 (06010524)     98.33235 (05020424)     92.64771 (05020424)    136.97475 (07081524)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM10                                                          ***        06/29/10
                                  ***                                                                         ***        15:44:24
                                                                                                                         PAGE  17
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                      **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372570.44              372600.44              372630.44              372660.44              372690.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |     87.16869 (06120424)     87.06004 (05020424)     90.31208 (05020424)     82.54808 (06112824)    130.05733 (07081524)
3757211.3 |     77.64952 (06010524)     82.69673 (05020424)     82.23391 (05020424)     76.50595 (07081524)    123.63544 (07081524)
3757181.3 |     72.06849 (05020424)     77.67345 (05020424)     74.36214 (05020424)     75.10426 (07081524)    117.62357 (07081524)
3757151.3 |     69.72769 (05020424)     72.26940 (05020424)     66.87329 (05020424)     73.55781 (07081524)    111.96969 (07081524)
3757121.3 |     66.68517 (05020424)     66.72378 (05020424)     60.87473 (06112824)     71.88094 (07081524)    106.64106 (07081524)
3757091.3 |     63.15745 (05020424)     61.22338 (05020424)     57.48968 (05102624)     70.10082 (07081524)    101.61603 (07081524)
3757061.3 |     59.33525 (05020424)     55.90355 (05020424)     54.95718 (05102624)     68.23869 (07081524)     96.89074 (07081524)
3757031.3 |     55.37046 (05020424)     50.86477 (05020424)     52.35138 (05102624)     66.31432 (07081524)     92.45266 (07081524)
3757001.3 |     51.40131 (05020424)     47.17077 (06112824)     49.73501 (05102624)     64.35766 (07081524)     88.29968 (07081524)
3756971.3 |     47.51267 (05020424)     45.06138 (05102624)     47.13984 (05102624)     62.38332 (07081524)     84.42226 (07081524)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM10                                                          ***        06/29/10
                                  ***                                                                         ***        15:44:24
                                                                                                                         PAGE  18
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                      **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372720.44              372750.44              372780.44              372810.44              372840.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |     53.82884 (07050924)     57.95722 (07050924)     52.74109 (07050924)     50.69666 (07083124)     55.70361 (07083124)
3758411.3 |     56.32227 (07050924)     60.88257 (07050924)     55.42290 (07050924)     54.80386 (07083124)     60.20014 (07083124)
3758381.3 |     59.01944 (07050924)     64.05393 (07050924)     58.34491 (07050924)     59.46634 (07083124)     65.24000 (07083124)
3758351.3 |     61.94658 (07050924)     67.50083 (07050924)     61.54217 (07050924)     64.78202 (07083124)     70.89678 (07083124)
3758321.3 |     65.13800 (07050924)     71.25706 (07050924)     65.05340 (07050924)     70.86679 (07083124)     77.25227 (07083124)
3758291.3 |     68.63463 (07050924)     75.36672 (07050924)     68.92315 (07050924)     77.86329 (07083124)     84.39274 (07083124)
3758261.3 |     72.48943 (07050924)     79.87891 (07050924)     73.41522 (07083124)     85.94029 (07083124)     92.42324 (07083124)
3758231.3 |     76.76483 (07050924)     84.85518 (07050924)     81.41883 (07083124)     95.29997 (07083124)    101.44562 (07083124)
3758201.3 |     81.54435 (07050924)     90.37309 (07050924)     90.89541 (07083124)    106.17797 (07083124)    111.57653 (07083124)
3758171.3 |     86.93720 (07050924)     96.53182 (07050924)    102.20437 (07083124)    118.86245 (07083124)    122.93370 (07083124)
3758141.3 |     93.08573 (07050924)    103.45885 (07050924)    115.80234 (07083124)    133.69575 (07083124)    135.63476 (07083124)
3758111.3 |    101.69530 (06091124)    111.33136 (07050924)    132.27770 (07083124)    151.09003 (07083124)    149.83137 (07083124)
3758081.3 |    120.24093 (06090524)    120.40422 (07050924)    152.38649 (07083124)    171.56802 (07083124)    165.74050 (07083124)
3758051.3 |    144.47337 (06090524)    134.26226 (07083124)    177.11397 (07083124)    195.86218 (07083124)    183.82146 (07083124)
3758021.3 |    174.46385 (06090524)    160.05746 (07083124)    207.82831 (07083124)    225.28323 (07083124)    205.02140 (07083124)
3757991.3 |    211.97437 (06090524)    194.92290 (07083124)    246.68041 (07083124)    262.44211 (07083124)    230.92950 (07083124)
3757961.3 |    260.83818 (06090524)    249.06957 (06090524)    298.14046 (07083124)    312.60496 (07083124)    263.69513 (07083124)
3757931.3 |    331.15247 (06090524)    330.01835 (06090524)    373.16166 (07083124)    386.49829 (07083124)    306.16357 (07083124)
3757901.3 |    465.42684 (06090524)    477.10648 (06090524)    504.42439 (07083124)    516.36532 (07083124)    385.11575 (07071524)
3757871.3 |   1140.53578 (06090524)   1185.20900 (05082924)   1210.38928 (05082924)   1168.42336 (05082924)    664.86769 (06101024)
3757841.3 |   1301.93296 (06121424)   1307.70484 (06121424)   1249.10784 (06121424)   1315.83651 (07111824)    743.80016 (07111824)
3757811.3 |   1364.38889 (06121424)   1354.65749 (06121424)   1268.19989 (06121424)   1332.97583 (07111824)    766.14283 (07111824)
3757781.3 |   1388.29979 (06121424)   1363.58022 (06121424)   1317.19020 (07013024)   1326.46250 (07111824)    761.66107 (07111824)
3757751.3 |   1392.25793 (06121424)   1362.47259 (06121424)   1338.42711 (07013024)   1315.24826 (07111824)    748.58946 (07111824)
3757721.3 |   1385.79685 (06121424)   1369.03933 (05010124)   1349.20686 (07013024)   1300.57761 (07111824)    742.96822 (06101024)
3757691.3 |   1384.88171 (05010124)   1380.60235 (05010124)   1354.52503 (07013024)   1287.82040 (05111024)    735.40482 (06101024)
3757661.3 |   1394.92843 (05010124)   1386.38890 (05010124)   1355.21752 (07013024)   1258.74426 (05111024)    711.98640 (05102324)
3757631.3 |   1400.04698 (05010124)   1381.78461 (05010124)   1344.40649 (07013024)   1228.96491 (07013024)    679.42756 (05102324)
3757601.3 |   1388.51511 (05010124)   1356.55185 (05010124)   1304.10642 (07013024)   1184.89846 (07013024)    620.78969 (06051424)
3757571.3 |   1014.90555 (07081524)   1056.18455 (07081524)   1044.93952 (07081524)    961.27123 (07081524)    387.73829 (05040924)
3757541.3 |    593.73811 (07081524)    637.77355 (07081524)    625.49312 (07081524)    536.45740 (07081524)    266.66431 (05120324)
3757511.3 |    467.60234 (07081524)    512.63216 (07081524)    498.53198 (07081524)    409.02649 (07081524)    220.45611 (05120324)
3757481.3 |    393.16746 (07081524)    436.83198 (07081524)    421.23818 (07081524)    336.33670 (07081524)    185.36016 (05120324)
3757451.3 |    341.67191 (07081524)    382.59712 (07081524)    365.92794 (07081524)    288.07697 (07081524)    157.16476 (05120324)
3757421.3 |    303.08710 (07081524)    340.52624 (07081524)    323.37175 (07081524)    253.24059 (07081524)    133.65189 (05120324)
3757391.3 |    272.67452 (07081524)    306.29426 (07081524)    289.36538 (07081524)    226.64402 (07081524)    115.57107 (07081524)
3757361.3 |    247.81086 (07081524)    277.59834 (07081524)    261.55918 (07081524)    205.50521 (07081524)    109.69013 (07081524)
3757331.3 |    226.91193 (07081524)    253.09934 (07081524)    238.41932 (07081524)    188.20434 (07081524)    104.43684 (07081524)
3757301.3 |    208.96771 (07081524)    231.94376 (07081524)    218.85560 (07081524)    173.71032 (07081524)     99.70204 (07081524)
3757271.3 |    193.30545 (07081524)    213.55351 (07081524)    202.09492 (07081524)    161.33626 (07081524)     95.40152 (07081524)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM10                                                          ***        06/29/10
                                  ***                                                                         ***        15:44:24
                                                                                                                         PAGE  19
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                      **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372720.44              372750.44              372780.44              372810.44              372840.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |    179.47513 (07081524)    197.48267 (07081524)    187.55871 (07081524)    150.61129 (07081524)     91.46793 (07081524)
3757211.3 |    167.16534 (07081524)    183.37750 (07081524)    174.82067 (07081524)    141.20116 (07081524)     87.84058 (07081524)
3757181.3 |    156.14750 (07081524)    170.94405 (07081524)    163.56220 (07081524)    132.85545 (07081524)     84.48854 (07081524)
3757151.3 |    146.25801 (07081524)    159.92820 (07081524)    153.53093 (07081524)    125.39059 (07081524)     81.36293 (07081524)
3757121.3 |    137.35741 (07081524)    150.12487 (07081524)    144.53769 (07081524)    118.66123 (07081524)     78.43930 (07081524)
3757091.3 |    129.33338 (07081524)    141.35290 (07081524)    136.42317 (07081524)    112.55841 (07081524)     75.69235 (07081524)
3757061.3 |    122.08500 (07081524)    133.46679 (07081524)    129.06812 (07081524)    106.99252 (07081524)     73.10298 (07081524)
3757031.3 |    115.52752 (07081524)    126.34322 (07081524)    122.37139 (07081524)    101.89405 (07081524)     70.65450 (07081524)
3757001.3 |    109.58037 (07081524)    119.87681 (07081524)    116.25214 (07081524)     97.20590 (07081524)     68.33439 (07081524)
3756971.3 |    104.17297 (07081524)    113.98572 (07081524)    110.64045 (07081524)     92.88198 (07081524)     66.13097 (07081524)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM10                                                          ***        06/29/10
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Site #15 – Localized PM10 Concentrations

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372870.44	372900.44	372930.44	372960.44	372990.44
3758441.3	58.78125 (07083124)	59.34018 (07083124)	57.03420 (07083124)	51.99533 (07083124)	44.88634 (07083124)
3758411.3	63.17849 (07083124)	63.10380 (07083124)	59.75957 (07083124)	53.49153 (07083124)	47.89571 (05052624)
3758381.3	67.98005 (07083124)	67.06852 (07083124)	62.46531 (07083124)	54.78416 (07083124)	51.79863 (05052624)
3758351.3	73.22338 (07083124)	71.21155 (07083124)	65.08956 (07083124)	55.80532 (07083124)	55.52899 (05052624)
3758321.3	78.92137 (07083124)	75.50321 (07083124)	67.56038 (07083124)	57.88897 (05052624)	58.97726 (05052624)
3758291.3	85.09251 (07083124)	79.88478 (07083124)	69.78385 (07083124)	63.21321 (05052624)	62.03489 (05052624)
3758261.3	91.75287 (07083124)	84.27755 (07083124)	71.64320 (07083124)	68.35829 (05052624)	64.59486 (05052624)
3758231.3	98.87320 (07083124)	88.57688 (07083124)	73.01812 (07083124)	73.15231 (05052624)	66.62604 (07071524)
3758201.3	106.42900 (07083124)	92.63220 (07083124)	79.73116 (05052624)	77.40036 (05052624)	77.50917 (07071524)
3758171.3	114.33685 (07083124)	96.28691 (07083124)	87.21887 (05052624)	80.88724 (05052624)	87.22736 (07071524)
3758141.3	122.50397 (07083124)	99.37282 (07083124)	94.24101 (05052624)	91.85242 (07071524)	94.88089 (07071524)
3758111.3	130.82517 (07083124)	105.44346 (05052624)	100.40824 (05052624)	103.90004 (07071524)	99.90152 (07071524)
3758081.3	139.23731 (07083124)	117.24732 (05052624)	112.18584 (07071524)	113.64800 (07071524)	102.49104 (07071524)
3758051.3	147.73812 (07083124)	128.59723 (05052624)	128.56564 (07071524)	120.67229 (07071524)	103.67648 (07071524)
3758021.3	156.28931 (07083124)	144.76514 (07071524)	142.69685 (07071524)	125.66525 (07071524)	117.56919 (07092824)
3757991.3	175.14830 (05052624)	170.51416 (07071524)	154.00680 (07071524)	139.93614 (07092824)	148.53706 (06101024)
3757961.3	208.05176 (07071524)	193.42006 (07071524)	172.00245 (07092824)	187.35907 (06101024)	188.01473 (06101024)
3757931.3	256.39329 (07071524)	235.87359 (06101024)	238.96008 (06101024)	223.97801 (06101024)	205.63767 (06101024)
3757901.3	350.05447 (06101024)	308.87288 (06101024)	267.23709 (06101024)	235.82515 (06101024)	211.58089 (06101024)
3757871.3	420.04669 (06101024)	331.09379 (06101024)	279.14452 (06101024)	243.51224 (06101024)	216.32445 (06101024)
3757841.3	438.41739 (06101024)	343.66661 (06101024)	288.05499 (06101024)	249.29776 (06101024)	218.65252 (06101024)
3757811.3	444.86913 (06101024)	346.31742 (06101024)	289.59738 (06101024)	248.30102 (06101024)	213.57479 (06101024)
3757781.3	452.37230 (06101024)	346.54456 (06101024)	285.10287 (06101024)	238.80356 (06101024)	198.13109 (06101024)
3757751.3	457.09350 (06101024)	344.80258 (06101024)	272.87924 (06101024)	217.77650 (06101024)	179.38717 (05081824)
3757721.3	454.51003 (06101024)	332.36896 (06101024)	250.37868 (05102324)	206.80996 (05081824)	179.78643 (05081824)
3757691.3	433.93615 (06101024)	318.17119 (06051424)	253.85593 (06051424)	206.97871 (06051424)	170.57510 (06051424)
3757661.3	411.06103 (06051424)	309.46151 (06051424)	249.55687 (06051424)	208.73804 (06051424)	177.44744 (06051424)
3757631.3	392.84042 (06051424)	295.05739 (06051424)	241.12063 (06051424)	205.10350 (06051424)	177.42169 (06051424)
3757601.3	358.12549 (06051424)	270.52865 (06051424)	221.59385 (06051424)	188.86580 (06051424)	164.43942 (06051424)
3757571.3	258.20541 (06051424)	208.36753 (06051424)	177.80258 (06051424)	156.35295 (06051424)	139.86359 (06051424)
3757541.3	202.92178 (05040924)	166.16648 (05040924)	136.73137 (05040924)	117.24154 (06051424)	110.21881 (06051424)
3757511.3	157.16967 (05120324)	140.73709 (05040924)	122.49677 (05040924)	105.24624 (05040924)	91.00222 (05012924)
3757481.3	149.04326 (05120324)	115.15444 (05040924)	106.85798 (05040924)	95.97293 (05040924)	84.79209 (05040924)
3757451.3	136.41388 (05120324)	106.91031 (05120324)	90.46417 (05040924)	85.02130 (05040924)	77.94257 (05040924)
3757421.3	122.63225 (05120324)	103.42618 (05120324)	84.56487 (05061324)	73.64429 (05040924)	69.77464 (05040924)
3757391.3	109.05747 (05120324)	97.30707 (05120324)	79.91813 (05120324)	68.88491 (05061324)	61.56366 (05040924)
3757361.3	96.27671 (05120324)	89.81752 (05120324)	77.98438 (05120324)	66.30261 (05061324)	56.81682 (05061324)
3757331.3	84.61449 (05120324)	81.80279 (05120324)	74.33959 (05120324)	62.92983 (05120324)	55.78052 (05061324)
3757301.3	74.26024 (05120324)	73.81108 (05120324)	69.62575 (05120324)	61.69347 (05120324)	53.59064 (05061324)
3757271.3	67.77939 (07120824)	66.21785 (05120324)	64.35765 (05120324)	59.26848 (05120324)	51.27667 (05120324)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372870.44	372900.44	372930.44	372960.44	372990.44
3757241.3	63.86846 (07120824)	59.25244 (05120324)	58.93327 (05120324)	56.03879 (05120324)	50.40963 (05120324)
3757211.3	59.94922 (07120824)	53.03473 (05120324)	53.64568 (05120324)	52.33660 (05120324)	48.68442 (05120324)
3757181.3	56.11757 (07120824)	51.28968 (07120824)	48.68419 (05120324)	48.44748 (05120324)	46.34409 (05120324)
3757151.3	52.43898 (07120824)	49.43683 (07120824)	44.15798 (05120324)	44.58406 (05120324)	43.62115 (05120324)
3757121.3	48.94464 (07120824)	47.43011 (07120824)	40.11008 (05120324)	40.89631 (05120324)	40.71897 (05120324)
3757091.3	45.65137 (07120824)	45.35420 (07120824)	39.21820 (07120824)	37.47618 (05120324)	37.79368 (05120324)
3757061.3	42.86639 (07081524)	43.26052 (07120824)	38.41427 (07120824)	35.66633 (05091724)	34.96463 (05120324)
3757031.3	42.42861 (07081524)	41.19050 (07120824)	37.46894 (07120824)	34.73284 (05091724)	32.30209 (05120324)
3757001.3	41.94588 (07081524)	39.16594 (07120824)	36.42945 (07120824)	33.33448 (05091724)	30.94009 (05091724)
3756971.3	41.42806 (07081524)	37.19064 (07120824)	35.33291 (07120824)	31.56666 (05091724)	30.99179 (05091724)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 373020.44	373050.44	373080.44	373110.44	373140.44
3758441.3	46.31067 (05052624)	44.65299 (05052624)	40.26479 (05052624)	45.48816 (07071524)	49.98092 (07071524)
3758411.3	48.89433 (05052624)	45.82766 (05052624)	44.38979 (07071524)	51.04431 (07071524)	53.29877 (07071524)
3758381.3	51.17686 (05052624)	46.67063 (05052624)	51.19051 (07071524)	55.77798 (07071524)	55.29803 (07071524)
3758351.3	53.10140 (05052624)	50.25709 (07071524)	57.46241 (07071524)	59.25888 (07071524)	55.77702 (07071524)
3758321.3	54.60821 (05052624)	58.10801 (07071524)	62.67051 (07071524)	61.14680 (07071524)	54.69999 (07071524)
3758291.3	57.49447 (07071524)	65.24431 (07071524)	66.32202 (07071524)	61.26677 (07071524)	52.23026 (07071524)
3758261.3	66.65866 (07071524)	71.02031 (07071524)	68.06513 (07071524)	59.68775 (07071524)	48.73469 (07071524)
3758231.3	74.88428 (07071524)	74.88036 (07071524)	67.80776 (07071524)	56.74568 (07071524)	50.23110 (07092824)
3758201.3	81.40608 (07071524)	76.50513 (07071524)	65.81641 (07071524)	54.97410 (07031824)	57.26164 (07092824)
3758171.3	85.61621 (07071524)	76.00437 (07071524)	62.69302 (07071524)	62.87692 (07092824)	63.32413 (07092824)
3758141.3	87.35446 (07071524)	73.97961 (07071524)	69.59291 (07092824)	70.06664 (07092824)	68.35911 (07092824)
3758111.3	87.12342 (07071524)	78.05309 (07031824)	78.23569 (07092824)	76.08378 (07092824)	78.20107 (06101024)
3758081.3	88.77417 (07031824)	88.31464 (07092824)	85.51368 (07092824)	92.26146 (06101024)	101.23602 (06101024)
3758051.3	101.03497 (07092824)	97.25217 (07092824)	109.69311 (06101024)	117.55327 (06101024)	120.89780 (06101024)

Site #15 – Localized PM10 Concentrations

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3758021.3 |    119.08679 (06101024)    131.13624 (06101024)    136.36093 (06101024)    136.43270 (06101024)    132.97364 (06101024)
3757991.3 |    157.13426 (06101024)    157.44837 (06101024)    152.81449 (06101024)    145.59593 (06101024)    137.03739 (06101024)
3757961.3 |    180.46796 (06101024)    169.94775 (06101024)    158.75816 (06101024)    147.46019 (06101024)    135.90536 (06101024)
3757931.3 |    188.66557 (06101024)    173.46809 (06101024)    159.33072 (06101024)    145.44743 (06101024)    131.28793 (06101024)
3757901.3 |    191.66399 (06101024)    174.01310 (06101024)    157.17290 (06101024)    140.30762 (06101024)    123.21429 (06101024)
3757871.3 |    193.44547 (06101024)    172.38247 (06101024)    151.78928 (06101024)    131.30983 (06101024)    111.30736 (06101024)
3757841.3 |    191.62100 (06101024)    165.96562 (06101024)    141.01675 (06101024)    117.14400 (06101024)    106.98310 (05081824)
3757811.3 |    181.57023 (06101024)    151.10664 (06101024)    127.79107 (05090224)    116.76327 (05081824)    108.23647 (05081824)
3757781.3 |    161.13934 (05102324)    142.69007 (05102324)    126.81052 (05102324)    115.30934 (05081824)    105.63078 (05081824)
3757751.3 |    157.63624 (05081824)    139.41633 (05081824)    123.91764 (05081824)    110.51348 (05081824)    100.06784 (07110824)
3757721.3 |    156.71612 (05081824)    136.18423 (05081824)    119.93499 (06060724)    108.01441 (06060724)     97.49152 (06060724)
3757691.3 |    146.51808 (06060724)    132.11587 (06060724)    120.07289 (06060724)    109.59657 (06060724)    100.21957 (06060724)
3757661.3 |    151.41518 (06051424)    129.20000 (06051424)    116.16069 (06060724)    106.85485 (06060724)     98.70705 (06060724)
3757631.3 |    154.04322 (06051424)    133.33410 (06051424)    114.88908 (06051424)    100.71459 (06060724)     93.53972 (06060724)
3757601.3 |    144.57206 (06051424)    127.26823 (06051424)    111.59880 (06051424)     97.30600 (06051424)     84.68786 (06060724)
3757571.3 |    126.19290 (06051424)    114.06640 (06051424)    102.73641 (06051424)     91.87033 (06051424)     81.46143 (06051424)
3757541.3 |    103.56382 (06051424)     96.96796 (06051424)     90.22742 (06051424)     83.20706 (06051424)     75.91130 (06051424)
3757511.3 |     81.04709 (06051424)     77.90502 (06051424)     74.66489 (06051424)     71.02719 (06051424)     66.84603 (06051424)
3757481.3 |     76.11225 (05012924)     68.16504 (05012924)     63.14289 (05070424)     60.23653 (05070424)     57.31074 (06051424)
3757451.3 |     71.13323 (05012924)     65.04185 (05012924)     58.79289 (05012924)     54.72469 (05070424)     53.22517 (05070424)
3757421.3 |     65.25176 (05012924)     61.41409 (05012924)     56.62945 (05012924)     51.53311 (05012924)     49.11352 (06051424)
3757391.3 |     58.63918 (05040924)     56.73565 (05012924)     53.87459 (05012924)     50.04152 (05012924)     46.47826 (06051424)
3757361.3 |     52.54136 (05040924)     50.56421 (05012924)     50.01029 (05012924)     47.84680 (05012924)     44.74110 (05012924)
3757331.3 |     47.44381 (05061324)     45.58905 (05040924)     44.81713 (05012924)     44.55267 (05012924)     42.91130 (05012924)
3757301.3 |     47.26391 (05061324)     41.02399 (05040924)     40.08685 (05040924)     40.10071 (05012924)     40.03440 (05012924)
3757271.3 |     46.16842 (05061324)     40.37012 (05061324)     36.43572 (05040924)     35.63252 (05040924)     36.15853 (05012924)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM10                                                    ***        06/29/10
                                  ***                                                                   ***        15:44:24
                                                                                                                   PAGE  23
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM10.    IN MICROGRAMS/M**3                      **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373020.44             373050.44             373080.44             373110.44             373140.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |     44.34901 (05061324)     39.96195 (05061324)     34.74536 (05061324)     32.66347 (05040924)     31.95802 (05040924)
3757211.3 |     42.82254 (05120324)     38.93520 (05061324)     34.94459 (07021324)     30.50209 (05031424)     29.51038 (05040924)
3757181.3 |     42.17869 (05120324)     37.40681 (05061324)     34.83905 (07021324)     30.74264 (07021324)     28.01411 (06071724)
3757151.3 |     40.89148 (05120324)     36.44242 (05120324)     33.91037 (07021324)     31.13437 (07021324)     27.05497 (07021324)
3757121.3 |     39.12847 (05120324)     35.94301 (05120324)     32.30118 (07021324)     30.80303 (07021324)     27.77442 (07021324)
3757091.3 |     37.05621 (05120324)     34.94884 (05120324)     31.48201 (05120324)     29.83380 (07021324)     27.87170 (07021324)
3757061.3 |     34.82551 (05120324)     33.58011 (05120324)     31.46614 (05081524)     28.36004 (07021324)     27.39135 (07021324)
3757031.3 |     32.55063 (05120324)     31.96541 (05120324)     30.85614 (05081524)     28.15132 (05081524)     26.42189 (07021324)
3757001.3 |     30.32506 (05120324)     30.20756 (05120324)     29.57220 (05081524)     28.34946 (05081524)     25.08733 (07021324)
3756971.3 |     28.20531 (05120324)     28.40195 (05120324)     27.91779 (05120324)     27.87000 (05081524)     25.53291 (05081524)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM10                                                    ***        06/29/10
                                  ***                                                                   ***        15:44:24
                                                                                                                   PAGE  24
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM10.    IN MICROGRAMS/M**3                      **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373170.44             373200.44             373230.44             373260.44             373290.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |     50.25717 (07071524)     46.65670 (07071524)     40.33956 (07071524)     32.77108 (07071524)     28.23002 (07031824)
3758411.3 |     51.03120 (07071524)     45.24476 (07071524)     37.50587 (07071524)     29.86496 (07031824)     31.46019 (07092824)
3758381.3 |     50.42628 (07071524)     42.75277 (07071524)     34.06856 (07071524)     33.23123 (07092824)     35.52080 (07092824)
3758351.3 |     48.49980 (07071524)     39.42719 (07071524)     35.49608 (07031824)     37.77192 (07092824)     39.09332 (07092824)
3758321.3 |     45.47511 (07071524)     38.01113 (07031824)     40.30785 (07092824)     41.80766 (07092824)     42.05057 (07092824)
3758291.3 |     41.71666 (07071524)     43.18074 (07092824)     44.89206 (07092824)     45.18074 (07092824)     44.35128 (07092824)
3758261.3 |     46.45976 (07092824)     48.42314 (07092824)     48.75536 (07092824)     47.84630 (07092824)     45.90074 (07092824)
3758231.3 |     52.50164 (07092824)     52.87550 (07092824)     51.85597 (07092824)     49.71683 (07092824)     51.22973 (06101024)
3758201.3 |     57.67274 (07092824)     56.49674 (07092824)     54.10424 (07092824)     57.98137 (06101024)     64.39173 (06101024)
3758171.3 |     61.92660 (07092824)     59.20227 (07092824)     66.05370 (06101024)     72.71555 (06101024)     77.60809 (06101024)
3758141.3 |     66.87837 (06101024)     75.74406 (06101024)     82.44435 (06101024)     86.92556 (06101024)     89.20805 (06101024)
3758111.3 |     87.37081 (06101024)     93.71269 (06101024)     97.30653 (06101024)     98.33056 (06101024)     97.03857 (06101024)
3758081.3 |    106.56779 (06101024)    108.61284 (06101024)    107.83682 (06101024)    104.73107 (06101024)     99.80078 (06101024)
3758051.3 |    120.59647 (06101024)    117.50401 (06101024)    112.33913 (06101024)    105.64767 (06101024)     97.85688 (06101024)
3758021.3 |    127.20628 (06101024)    119.88481 (06101024)    111.43480 (06101024)    102.15016 (06101024)     92.34727 (06101024)
3757991.3 |    127.59648 (06101024)    117.39878 (06101024)    106.56982 (06101024)     95.37118 (06101024)     84.17936 (06101024)
3757961.3 |    123.87110 (06101024)    111.33807 (06101024)     98.55674 (06101024)     85.95731 (06101024)     77.58439 (06052024)
3757931.3 |    116.73872 (06101024)    102.08245 (06101024)     89.31651 (06052024)     81.48143 (06052024)     73.97964 (06052024)
3757901.3 |    106.22699 (06101024)     94.19092 (06052024)     84.91119 (06052024)     79.56112 (05081824)     75.91561 (05081824)
3757871.3 |     98.55917 (06052024)     91.53897 (05081824)     86.57111 (05081824)     81.88496 (05081824)     77.39038 (05081824)
3757841.3 |    100.09675 (05081824)     93.77923 (05081824)     87.85632 (05081824)     82.21394 (05081824)     76.79832 (05081824)
3757811.3 |    100.40850 (05081824)     93.07631 (05081824)     86.12673 (05081824)     79.51106 (05081824)     73.22616 (05081824)
3757781.3 |     96.66620 (05081824)     88.27257 (05081824)     80.38897 (05081824)     73.84885 (05102324)     68.80108 (05102324)
3757751.3 |     92.15933 (05102324)     85.35400 (05102324)     79.19251 (05102324)     73.47069 (05102324)     68.09518 (05102324)
3757721.3 |     88.19860 (06060724)     80.17137 (05102324)     73.70697 (05102324)     67.75771 (05102324)     62.30000 (05102324)
3757691.3 |     91.69782 (06060724)     83.93281 (06060724)     76.89509 (06060724)     70.56558 (06060724)     64.91623 (06060724)
3757661.3 |     91.35839 (06060724)     84.59837 (06060724)     78.31685 (06060724)     72.47678 (06060724)     67.07215 (06060724)
3757631.3 |     87.22671 (06060724)     81.52545 (06060724)     76.25681 (06060724)     71.31490 (06060724)     66.64151 (06060724)
3757601.3 |     79.50232 (06060724)     74.91110 (06060724)     70.74561 (06060724)     66.87812 (06060724)     63.21766 (06060724)
3757571.3 |     71.69764 (06051424)     65.90720 (06060724)     62.91875 (06060724)     60.15361 (06060724)     57.54195 (06060724)
3757541.3 |     68.47934 (06051424)     61.14017 (06051424)     54.19183 (06051424)     52.21277 (06060724)     50.57597 (06060724)
3757511.3 |     62.13399 (06051424)     57.00795 (06051424)     51.64725 (06051424)     46.31871 (06051424)     42.80516 (06060724)
3757481.3 |     54.29731 (06051424)     50.92929 (06051424)     47.20146 (06051424)     43.60663 (06030824)     40.84889 (06030824)
3757451.3 |     51.12731 (05070424)     48.37004 (05070424)     44.98535 (05070424)     41.10563 (05070424)     38.75042 (06030824)
3757421.3 |     47.00277 (05070424)     45.75002 (05070424)     43.85807 (05070424)     41.34224 (05070424)     38.30336 (05070424)
3757391.3 |     45.16919 (06051424)     43.10065 (06051424)     41.01506 (05070424)     39.71220 (05070424)     37.82996 (05070424)
3757361.3 |     42.19988 (06051424)     41.71380 (06051424)     40.24825 (06051424)     38.19189 (06051424)     36.06110 (05070424)
3757331.3 |     40.38470 (05012924)     38.23108 (06051424)     38.48110 (06051424)     37.64520 (06051424)     36.07590 (06051424)
3757301.3 |     38.79561 (05012924)     36.73340 (05012924)     35.07395 (05082324)     35.39931 (06051424)     35.15089 (06051424)
3757271.3 |     36.23491 (05012924)     35.30911 (05012924)     33.62774 (05012924)     32.83721 (05082324)     32.46420 (06051424)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM10                                                    ***        06/29/10
                                  ***                                                                   ***        15:44:24
                                                                                                                   PAGE  25
**MODELOPTs:  NonDFAULT CONC                              FLAT
```

Site #15 – Localized PM10 Concentrations

NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 373170.44	373200.44	373230.44	373260.44	373290.44
3757241.3	32.81913 (05012924)	32.99927 (05012924)	32.32020 (05012924)	30.95022 (05012924)	30.73371 (05082324)
3757211.3	28.88331 (05012924)	29.95973 (05012924)	30.21654 (05012924)	29.73058 (05012924)	28.61623 (05012924)
3757181.3	27.22408 (06071724)	26.84228 (07092724)	27.49131 (05012924)	27.80061 (05012924)	27.46709 (05012924)
3757151.3	26.69284 (06071724)	25.52396 (06071724)	25.55337 (07092724)	25.34068 (05012924)	25.68829 (05012924)
3757121.3	25.35969 (07090824)	25.39063 (06071724)	23.90163 (06071724)	24.39687 (07092724)	23.82050 (07092724)
3757091.3	25.02919 (07090824)	24.80867 (07090824)	24.10686 (06071724)	22.78567 (07092724)	23.34297 (07092724)
3757061.3	25.16555 (07021324)	25.00342 (07090824)	24.05316 (07090824)	22.84267 (06071724)	21.94470 (07092724)
3757031.3	25.04897 (07021324)	24.08384 (07090824)	24.72726 (07090824)	23.11870 (07090824)	21.59769 (06071724)
3757001.3	24.47834 (07021324)	22.85350 (07021324)	24.33929 (07090824)	24.22383 (07090824)	22.03628 (07090824)
3756971.3	23.53937 (07021324)	22.59051 (07021324)	22.90086 (07090824)	24.33526 (07090824)	23.52276 (07090824)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 373320.44	373350.44	373380.44	373410.44	373440.44
3758441.3	29.86247 (07092824)	31.70168 (07092824)	32.60581 (07092824)	32.66187 (07092824)	31.96957 (07092824)
3758411.3	33.50914 (07092824)	34.53561 (07092824)	34.63784 (07092824)	33.94028 (07092824)	32.50727 (07092824)
3758381.3	36.68547 (07092824)	36.83340 (07092824)	36.12276 (07092824)	34.62296 (07092824)	32.41771 (07092824)
3758351.3	39.28883 (07092824)	38.55292 (07092824)	36.97416 (07092824)	34.63375 (07092824)	37.71278 (06101024)
3758321.3	41.27671 (07092824)	39.60270 (07092824)	37.10735 (07092824)	41.58337 (06101024)	45.83403 (06101024)
3758291.3	42.55612 (07092824)	40.73574 (06101024)	46.05146 (06101024)	50.53798 (06101024)	54.14837 (06101024)
3758261.3	45.55137 (06101024)	51.23932 (06101024)	55.95133 (06101024)	59.63963 (06101024)	62.25654 (06101024)
3758231.3	57.29465 (06101024)	62.19515 (06101024)	65.86724 (06101024)	68.25944 (06101024)	69.32143 (06101024)
3758201.3	69.37918 (06101024)	72.88090 (06101024)	74.83553 (06101024)	75.23313 (06101024)	74.13956 (06101024)
3758171.3	80.67978 (06101024)	81.91684 (06101024)	81.37637 (06101024)	79.22712 (06101024)	75.73736 (06101024)
3758141.3	89.37415 (06101024)	87.60907 (06101024)	84.20289 (06101024)	79.52102 (06101024)	73.96236 (06101024)
3758111.3	93.78489 (06101024)	88.97206 (06101024)	83.03380 (06101024)	76.39036 (06101024)	69.44288 (06101024)
3758081.3	93.50614 (06101024)	86.28897 (06101024)	78.56440 (06101024)	70.71964 (06101024)	63.06467 (06101024)
3758051.3	89.35964 (06101024)	80.54741 (06101024)	71.78575 (06101024)	63.38528 (06101024)	57.32079 (06052024)
3758021.3	82.39791 (06101024)	72.67284 (06101024)	64.58361 (06052024)	60.21876 (06052024)	55.90995 (06052024)
3757991.3	73.39877 (06101024)	68.05201 (06052024)	62.83649 (06052024)	57.79061 (06052024)	55.37055 (05081824)
3757961.3	71.21977 (06052024)	65.09516 (06052024)	62.37084 (05081824)	60.50504 (05081824)	58.54705 (05081824)
3757931.3	70.20793 (05081824)	67.53267 (05081824)	64.85673 (05081824)	62.16912 (05081824)	59.46620 (05081824)
3757901.3	72.38301 (05081824)	68.92190 (05081824)	65.50983 (05081824)	62.13813 (05081824)	58.81136 (05081824)
3757871.3	73.03420 (05081824)	68.78963 (05081824)	64.65452 (05081824)	60.63568 (05081824)	56.75002 (05081824)
3757841.3	71.58605 (05081824)	66.58081 (05081824)	61.79381 (05081824)	57.23764 (05081824)	52.92544 (05081824)
3757811.3	67.28225 (05081824)	61.69184 (05081824)	56.46146 (05081824)	51.59273 (05081824)	47.57031 (05102324)
3757781.3	64.12747 (05102324)	59.74385 (05102324)	55.60725 (05102324)	51.69965 (05102324)	48.01395 (05102324)
3757751.3	63.02816 (05102324)	58.26585 (05102324)	53.81283 (05102324)	49.67861 (05102324)	45.86551 (05102324)
3757721.3	57.32106 (05102324)	53.75344 (07051524)	50.65861 (07051524)	47.82064 (07051524)	45.21168 (07051524)
3757691.3	59.90144 (06060724)	55.46126 (06060724)	51.52604 (06060724)	48.49265 (07051524)	46.13675 (07051524)
3757661.3	62.10987 (06060724)	57.59257 (06060724)	53.50967 (06060724)	49.83791 (06060724)	46.54395 (06060724)
3757631.3	62.22254 (06060724)	58.06367 (06060724)	54.18124 (06060724)	50.58828 (06060724)	47.28985 (06060724)
3757601.3	59.70781 (06060724)	56.32061 (06060724)	53.05528 (06060724)	49.92484 (06060724)	46.94730 (06060724)
3757571.3	55.02416 (06060724)	52.55996 (06060724)	50.12624 (06060724)	47.71609 (06060724)	45.33775 (06060724)
3757541.3	48.97340 (06060724)	47.37882 (06060724)	45.76986 (06060724)	44.12981 (06060724)	42.45230 (06060724)
3757511.3	42.04781 (06060724)	41.23885 (06060724)	40.37504 (06060724)	39.44898 (06060724)	38.45235 (06060724)
3757481.3	37.96373 (06030824)	36.38416 (07110724)	35.67883 (07110724)	34.94257 (07110724)	34.17589 (07110724)
3757451.3	36.77903 (06030824)	34.59246 (06030824)	32.31028 (06030824)	31.75543 (07110724)	31.39727 (07110724)
3757421.3	35.06242 (05070224)	33.53724 (05070224)	31.81235 (05070224)	29.91742 (05070224)	27.89070 (05070224)
3757391.3	35.44699 (05070424)	32.98161 (05070224)	31.88209 (05070224)	30.53479 (05070224)	28.97942 (05070224)
3757361.3	34.63112 (05070424)	32.73506 (05070424)	30.77420 (05070224)	30.12873 (05070224)	29.18376 (05070224)
3757331.3	34.05071 (06051424)	31.80619 (05070424)	30.27263 (05070424)	28.40835 (05070224)	28.20521 (05070224)
3757301.3	34.08732 (06051424)	32.47187 (06051424)	30.49305 (06051424)	28.27073 (06051424)	26.49694 (05070424)
3757271.3	32.72378 (06051424)	32.14426 (06051424)	30.94736 (06051424)	29.32089 (06051424)	27.39136 (06051424)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 373320.44	373350.44	373380.44	373410.44	373440.44
3757241.3	30.52508 (05082324)	30.36602 (06051424)	30.22129 (06051424)	29.43024 (06051424)	28.16145 (06051424)
3757211.3	28.75838 (05082324)	28.86919 (05082324)	28.11931 (05082324)	28.31858 (06051424)	27.90523 (06051424)
3757181.3	26.56198 (05012924)	26.90942 (05082324)	27.28878 (05082324)	26.82741 (05082324)	26.45081 (06051424)
3757151.3	25.47584 (05012924)	24.74038 (05012924)	25.18052 (05082324)	25.78235 (05082324)	25.57411 (05082324)
3757121.3	23.83179 (05012924)	23.71177 (05012924)	23.11277 (05012924)	23.56863 (05082324)	24.34990 (05082324)
3757091.3	22.70158 (07092724)	22.18770 (05012924)	22.13667 (05012924)	21.65325 (05012924)	22.06925 (05082324)
3757061.3	22.37089 (07092724)	21.65574 (07092724)	20.72485 (05012924)	20.72860 (05012924)	20.33403 (05012924)
3757031.3	21.16736 (07092724)	21.46193 (07092724)	20.67144 (07092724)	19.41566 (05012924)	19.45927 (05012924)
3757001.3	20.37434 (06071724)	20.43972 (07092724)	20.61027 (07092724)	19.74193 (07092724)	18.23998 (05012924)
3756971.3	20.83510 (07090824)	19.17468 (06071724)	19.75426 (07092724)	19.80386 (07092724)	18.85964 (07092724)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

Site #15 – Localized PM10 Concentrations

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                                INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                          *** 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)
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372922.94   3757605.69      236.38344  (06051424)               372861.54   3757481.08      160.95045  (05120324)
       372438.96   3757746.55      128.67439m (05012424)               372431.74   3757838.64       87.94863  (07020624)
       372435.35   3757928.94       72.87056  (05021824)
 *** AERMOD - VERSION 09292 ***     *** Site 15 - PM10                                                      ***        06/29/10
                                    ***                                                                     ***        15:44:24
                                                                                                                       PAGE  29
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

                                          *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***


                                     ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

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

ALL      HIGH  1ST HIGH VALUE IS    1400.04698  ON 05010124: AT (  372720.44,  3757631.30,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***     *** Site 15 - PM10                                                      ***        06/29/10
                                    ***                                                                     ***        15:44:24
                                                                                                                       PAGE  30
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            0 Warning Message(s)
 A Total of          152 Informational Message(s)

 A Total of        26280 Hours Were Processed

 A Total of           15 Calm Hours Identified

 A Total of          137 Missing Hours Identified (  0.52 Percent)


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


    ********   WARNING MESSAGES   ********
               ***  NONE  ***


    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

Site #15 – Localized PM2.5 Concentrations

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.5.0
** Lakes Environmental Software Inc.
** Date: 6/29/2010
** File: C:\Documents and Settings\ssilverman\Desktop\Site 15\PM25.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Site 15 - PM2.5
   MODELOPT  CONC NODRYDPLT NOWETDPLT FLAT
   AVERTIME 24 ANNUAL
   URBANOPT 9862049 Los_Angeles_County
   POLLUTID PM2.5
   RUNORNOT RUN
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION AREA1 AREA 372695.400 3757574.990 0.0
** DESCRSRC Exhuast
   LOCATION AREA2 AREA 372695.400 3757574.990 0.0
** DESCRSRC Dust
** Source Parameters **
   SRCPARAM AREA1 9.186E-07 4.100 135.440 299.009 0.000
   SRCPARAM AREA2 0.00001005 0.000 135.440 299.009 0.000 0.000
   URBANSRC AREA1-AREA2
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                  XYINC 371970.44 50 30.00 3756971.30 50 30.00
   GRIDCART UCART1 END
** DESCRREC "" ""
   DISCCART    372922.94   3757605.69
   DISCCART    372861.54   3757481.08
   DISCCART    372438.96   3757746.55
   DISCCART    372431.74   3757838.64
   DISCCART    372435.35   3757928.94
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
   PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   PROFBASE 10 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST PM25.AD\24H1GALL.PLT
   PLOTFILE ANNUAL ALL PM25.AD\AN00GALL.PLT
OU FINISHED

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************
 *** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***        06/29/10
                                   ***                                                                    ***        14:44:27
                                                                                                                     PAGE   1
 **MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                 NODRYDPLT NOWETDPLT

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

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for     2 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9862049.0 ;  Urban Roughness Length =  1.000 m

 **Model Allows User-Specified Options:
        1. Stack-tip Downwash.
```

Site #15 – Localized PM2.5 Concentrations

```
       2. Model Assumes Receptors on FLAT Terrain.
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.
       6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates  1 Short Term Average(s) of:  24-HR
    and Calculates ANNUAL Averages

**This Run Includes:      2 Source(s);       1 Source Group(s); and    2505 Receptor(s)

**The Model Assumes A Pollutant Type of:  PM2.5

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

**Output Options Selected:
        Model Outputs Tables of ANNUAL 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)

**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) =    10.00 ;  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 =      3.8 MB of RAM.

*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***        06/29/10
                                  ***                                                                    ***        14:44:27
                                                                                                                    PAGE   2
**MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                NODRYDPLT NOWETDPLT


                                                *** AREA SOURCE DATA ***

            NUMBER EMISSION RATE  COORD (SW CORNER)  BASE     RELEASE  X-DIM     Y-DIM    ORIENT.    INIT.   URBAN  EMISSION RATE
   SOURCE     PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF AREA   OF AREA  OF AREA     SZ     SOURCE  SCALAR VARY
     ID       CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS) (METERS)  (METERS)   (DEG.)  (METERS)              BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  AREA1         0   0.91860E-06  372695.4 3757575.0    10.0     4.10    135.44    299.01      0.00     0.00     YES
  AREA2         0   0.10050E-04  372695.4 3757575.0    10.0     0.00    135.44    299.01      0.00     0.00     YES
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***        06/29/10
                                  ***                                                                    ***        14:44:27
                                                                                                                    PAGE   3
**MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                NODRYDPLT NOWETDPLT


                                             *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                                SOURCE IDs


 ALL       AREA1   , AREA2  ,
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***        06/29/10
                                  ***                                                                    ***        14:44:27
                                                                                                                    PAGE   4
**MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                NODRYDPLT NOWETDPLT

                                          *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                     *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                            *** X-COORDINATES OF GRID ***
                                                     (METERS)

      371970.4,  372000.4,  372030.4,  372060.4,  372090.4,  372120.4,  372150.4,  372180.4,  372210.4,  372240.4,
      372270.4,  372300.4,  372330.4,  372360.4,  372390.4,  372420.4,  372450.4,  372480.4,  372510.4,  372540.4,
      372570.4,  372600.4,  372630.4,  372660.4,  372690.4,  372720.4,  372750.4,  372780.4,  372810.4,  372840.4,
      372870.4,  372900.4,  372930.4,  372960.4,  372990.4,  373020.4,  373050.4,  373080.4,  373110.4,  373140.4,
      373170.4,  373200.4,  373230.4,  373260.4,  373290.4,  373320.4,  373350.4,  373380.4,  373410.4,  373440.4,


                                            *** Y-COORDINATES OF GRID ***
                                                     (METERS)

     3756971.3, 3757001.3, 3757031.3, 3757061.3, 3757091.3, 3757121.3, 3757151.3, 3757181.3, 3757211.3, 3757241.3,
     3757271.3, 3757301.3, 3757331.3, 3757361.3, 3757391.3, 3757421.3, 3757451.3, 3757481.3, 3757511.3, 3757541.3,
     3757571.3, 3757601.3, 3757631.3, 3757661.3, 3757691.3, 3757721.3, 3757751.3, 3757781.3, 3757811.3, 3757841.3,
     3757871.3, 3757901.3, 3757931.3, 3757961.3, 3757991.3, 3758021.3, 3758051.3, 3758081.3, 3758111.3, 3758141.3,
     3758171.3, 3758201.3, 3758231.3, 3758261.3, 3758291.3, 3758321.3, 3758351.3, 3758381.3, 3758411.3, 3758441.3,

*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***        06/29/10
                                  ***                                                                    ***        14:44:27
                                                                                                                    PAGE   5
**MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                NODRYDPLT NOWETDPLT

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

    ( 372922.9, 3757605.7,      10.0,      10.0,       0.0);         ( 372861.5, 3757481.1,      10.0,      10.0,       0.0);
    ( 372439.0, 3757746.5,      10.0,      10.0,       0.0);         ( 372431.7, 3757838.6,      10.0,      10.0,       0.0);
    ( 372435.3, 3757928.9,      10.0,      10.0,       0.0);
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***        06/29/10
                                  ***                                                                    ***        14:44:27
                                                                                                                    PAGE   6
**MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                NODRYDPLT NOWETDPLT

                                           *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                      (1=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
```

Site #15 – Localized PM2.5 Concentrations

```
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

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

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

1.54, 3.09, 5.14, 8.23, 10.80,

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

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

Surface file: L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC Met Version: 06341
Profile file: L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 0 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2005 Year: 2005

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
05	01	01	1	01	-3.3	0.062	-9.000	-9.000	-999.	35.	6.5	0.26	1.00	1.00	1.10	52.	9.1	282.5	5.5
05	01	01	1	02	-3.9	0.073	-9.000	-9.000	-999.	45.	8.9	0.26	1.00	1.00	1.30	51.	9.1	282.0	5.5
05	01	01	1	03	-2.7	0.056	-9.000	-9.000	-999.	30.	5.9	0.26	1.00	1.00	1.00	48.	9.1	281.4	5.5
05	01	01	1	04	-2.3	0.056	-9.000	-9.000	-999.	30.	6.8	0.26	1.00	1.00	1.00	52.	9.1	280.9	5.5
05	01	01	1	05	-2.8	0.062	-9.000	-9.000	-999.	35.	7.5	0.26	1.00	1.00	1.10	62.	9.1	281.4	5.5
05	01	01	1	06	-5.3	0.078	-9.000	-9.000	-999.	51.	8.2	0.26	1.00	1.00	1.40	64.	9.1	280.9	5.5
05	01	01	1	07	-3.9	0.067	-9.000	-9.000	-999.	40.	7.0	0.26	1.00	1.00	1.20	55.	9.1	280.4	5.5
05	01	01	1	08	-4.9	0.078	-9.000	-9.000	-999.	51.	8.8	0.26	1.00	0.53	1.40	76.	9.1	280.9	5.5
05	01	01	1	09	45.2	0.282	0.524	0.005	115.	344.	-44.6	0.26	1.00	0.30	2.20	78.	9.1	283.1	5.5
05	01	01	1	10	114.4	0.293	1.397	0.005	862.	365.	-19.9	0.26	1.00	0.22	2.10	83.	9.1	284.9	5.5
05	01	01	1	11	139.9	0.299	1.673	0.010	1212.	376.	-17.3	0.26	1.00	0.19	2.10	80.	9.1	287.0	5.5
05	01	01	1	12	15.0	0.122	0.797	0.010	1215.	125.	-10.8	0.26	1.00	0.18	0.80	30.	9.1	287.0	5.5
05	01	01	1	13	28.1	0.223	0.983	0.010	1221.	241.	-35.4	0.26	1.00	0.18	1.70	184.	9.1	287.0	5.5
05	01	01	1	14	17.9	0.256	0.847	0.009	1225.	298.	-84.4	0.26	1.00	0.19	2.10	201.	9.1	287.0	5.5
05	01	01	1	15	4.2	0.231	0.521	0.009	1226.	256.	-268.6	0.26	1.00	0.22	2.00	205.	9.1	286.4	5.5
05	01	01	1	16	0.1	0.180	0.151	0.009	1226.	176.	-5231.4	0.26	1.00	0.31	1.60	211.	9.1	286.4	5.5
05	01	01	1	17	-1.7	0.045	-9.000	-9.000	-999.	46.	4.9	0.26	1.00	0.57	0.80	216.	9.1	285.9	5.5
05	01	01	1	18	-0.6	0.028	-9.000	-9.000	-999.	11.	3.4	0.26	1.00	1.00	0.50	38.	9.1	285.4	5.5
05	01	01	1	19	-0.4	0.022	-9.000	-9.000	-999.	8.	2.8	0.26	1.00	1.00	0.40	261.	9.1	284.9	5.5
05	01	01	1	20	-0.4	0.022	-9.000	-9.000	-999.	8.	2.8	0.26	1.00	1.00	0.40	337.	9.1	284.9	5.5
05	01	01	1	21	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.9	5.5
05	01	01	1	22	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	360.	9.1	284.9	5.5
05	01	01	1	23	-1.9	0.050	-9.000	-9.000	-999.	26.	6.2	0.26	1.00	1.00	0.90	46.	9.1	284.2	5.5
05	01	01	1	24	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.2	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
05	01	01	01	5.5	0	-999.	-99.00	282.6	99.0	-99.00	-99.00
05	01	01	01	9.1	1	52.	1.10	-999.0	99.0	-99.00	-99.00

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

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 371970.44	372000.44	372030.44	372060.44	372090.44	372120.44	372150.44	372180.44	372210.44
3758441.30	0.27355	0.28602	0.29993	0.31531	0.33222	0.35073	0.37075	0.39207	0.41433
3758411.30	0.28072	0.29291	0.30675	0.32227	0.33949	0.35847	0.37922	0.40168	0.42561
3758381.30	0.28947	0.30119	0.31467	0.33007	0.34744	0.36681	0.38819	0.41160	0.43694
3758351.30	0.29999	0.31130	0.32427	0.33924	0.35644	0.37596	0.39784	0.42207	0.44863
3758321.30	0.31206	0.32336	0.33600	0.35045	0.36717	0.38646	0.40851	0.43333	0.46094
3758291.30	0.32521	0.33701	0.34982	0.36409	0.38034	0.39913	0.42089	0.44590	0.47424
3758261.30	0.33923	0.35179	0.36527	0.37994	0.39621	0.41468	0.43597	0.46069	0.48924
3758231.30	0.35452	0.36774	0.38203	0.39752	0.41441	0.43316	0.45436	0.47876	0.50708
3758201.30	0.37184	0.38553	0.40048	0.41680	0.43460	0.45417	0.47596	0.50059	0.52887
3758171.30	0.39189	0.40603	0.42152	0.43852	0.45718	0.47773	0.50049	0.52599	0.55491
3758141.30	0.41517	0.42996	0.44606	0.46374	0.48321	0.50470	0.52851	0.55512	0.58516
3758111.30	0.44200	0.45789	0.47495	0.49350	0.51389	0.53640	0.56136	0.58918	0.62049
3758081.30	0.47230	0.48995	0.50866	0.52869	0.55041	0.57425	0.60062	0.62997	0.66285
3758051.30	0.50553	0.52559	0.54683	0.56935	0.59341	0.61943	0.64790	0.67938	0.71448
3758021.30	0.54140	0.56417	0.58850	0.61445	0.64212	0.67174	0.70375	0.73872	0.77735
3757991.30	0.58072	0.60620	0.63373	0.66344	0.69545	0.72989	0.76704	0.80737	0.85156
3757961.30	0.62491	0.65335	0.68421	0.71779	0.75435	0.79416	0.83746	0.88465	0.93632
3757931.30	0.67523	0.70737	0.74224	0.78024	0.82182	0.86747	0.91767	0.97291	1.03378
3757901.30	0.73268	0.76954	0.80957	0.85322	0.90104	0.95372	1.01201	1.07678	1.14893
3757871.30	0.79676	0.83932	0.88572	0.93649	0.99228	1.05388	1.12227	1.19868	1.28456
3757841.30	0.86447	0.91343	0.96705	1.02599	1.09106	1.16324	1.24372	1.33401	1.43602
3757811.30	0.93305	0.98889	1.05036	1.11829	1.19371	1.27784	1.37224	1.47882	1.60001
3757781.30	1.00308	1.06639	1.13655	1.21462	1.30192	1.40005	1.51101	1.63734	1.78229
3757751.30	1.07804	1.14972	1.22973	1.31944	1.42057	1.53520	1.66593	1.81606	1.98978
3757721.30	1.16164	1.24304	1.33436	1.43734	1.55410	1.68728	1.84017	2.01694	2.22294
3757691.30	1.25536	1.34780	1.45184	1.56954	1.70344	1.85674	2.03347	2.23877	2.47933
3757661.30	1.35776	1.46212	1.57985	1.71340	1.86580	2.04084	2.24336	2.47943	2.75683
3757631.30	1.46598	1.58276	1.71489	1.86522	2.03729	2.23546	2.46514	2.73303	3.04747
3757601.30	1.57745	1.70713	1.85420	2.02185	2.21393	2.43509	2.69102	2.98863	3.33633
3757571.30	1.69196	1.83474	1.99670	2.18115	2.39204	2.63411	2.91299	3.23533	3.60897

Site #15 – Localized PM2.5 Concentrations

3757541.30	1.81116	1.96673	2.14278	2.34264	2.57019	2.82992	3.12702	3.46737	3.85763
3757511.30	1.93504	2.10238	2.29098	2.50396	2.74486	3.01759	3.32651	3.67644	4.07278
3757481.30	2.05973	2.23683	2.43515	2.65742	2.90652	3.18557	3.49799	3.84743	4.23795
3757451.30	2.17880	2.36236	2.56620	2.79237	3.04308	3.32062	3.62741	3.96609	4.33929
3757421.30	2.28525	2.47111	2.67541	2.89964	3.14529	3.41392	3.70712	4.02628	4.37238
3757391.30	2.37344	2.55733	2.75734	2.97436	3.20936	3.46308	3.73608	4.02828	4.33879
3757361.30	2.44021	2.61836	2.80998	3.01546	3.23501	3.46853	3.71530	3.97374	4.24098
3757331.30	2.48434	2.65340	2.83296	3.02286	3.22255	3.43092	3.64615	3.86537	4.08452
3757301.30	2.50504	2.66182	2.82593	2.99661	3.17265	3.35218	3.53253	3.70997	3.87976
3757271.30	2.50167	2.64343	2.78938	2.93829	3.08838	3.23720	3.38156	3.51745	3.64014

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	371970.44	372000.44	372030.44	372060.44	372090.44	372120.44	372150.44	372180.44	372210.44
3757241.30	2.47458	2.59952	2.72570	2.85150	2.97478	3.09279	3.20225	3.29939	3.38031
3757211.30	2.42569	2.53285	2.63862	2.74113	2.83811	2.92689	3.00450	3.06786	3.11385
3757181.30	2.35787	2.44706	2.53267	2.61282	2.68538	2.74794	2.79805	2.83326	2.85125
3757151.30	2.27442	2.34626	2.41292	2.47264	2.52355	2.56360	2.59078	2.60321	2.59931
3757121.30	2.17918	2.23496	2.28453	2.32632	2.35861	2.37976	2.38818	2.38261	2.36211
3757091.30	2.07607	2.11751	2.15209	2.17837	2.19493	2.20044	2.19386	2.17449	2.14211
3757061.30	1.96863	1.99747	2.01902	2.03206	2.03543	2.02829	2.01011	1.98081	1.94064
3757031.30	1.85964	1.87744	1.88773	1.88955	1.88215	1.86513	1.83853	1.80266	1.75816
3757001.30	1.75105	1.75920	1.75986	1.75241	1.73652	1.71228	1.68008	1.64054	1.59444
3756971.30	1.64418	1.64399	1.63662	1.62182	1.59967	1.57060	1.53523	1.49431	1.44860

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372240.44	372270.44	372300.44	372330.44	372360.44	372390.44	372420.44	372450.44	372480.44
3758441.30	0.43721	0.46044	0.48393	0.50778	0.53211	0.55678	0.58112	0.60408	0.62457
3758411.30	0.45066	0.47650	0.50284	0.52957	0.55676	0.58438	0.61198	0.63858	0.66297
3758381.30	0.46397	0.49237	0.52176	0.55184	0.58247	0.61358	0.64491	0.67561	0.70446
3758351.30	0.47741	0.50817	0.54061	0.57432	0.60896	0.64425	0.67992	0.71536	0.74933
3758321.30	0.49127	0.52420	0.55952	0.59689	0.63591	0.67609	0.71695	0.75790	0.79786
3758291.30	0.50588	0.54076	0.57877	0.61969	0.66319	0.70877	0.75573	0.80323	0.85025
3758261.30	0.52178	0.55831	0.59876	0.64305	0.69096	0.74214	0.79591	0.85114	0.90656
3758231.30	0.53991	0.57755	0.62005	0.66741	0.71958	0.77637	0.83729	0.90130	0.96673
3758201.30	0.56167	0.59978	0.64370	0.69362	0.74965	0.81189	0.88008	0.95351	1.03047
3758171.30	0.58810	0.62657	0.67133	0.72312	0.78240	0.84956	0.92484	1.00797	1.09764
3758141.30	0.61943	0.65887	0.70463	0.75793	0.81983	0.89120	0.97288	1.06547	1.16846
3758111.30	0.65614	0.69712	0.74459	0.79984	0.86431	0.93949	1.02691	1.12807	1.24410
3758081.30	0.70007	0.74277	0.79228	0.85014	0.91791	0.99732	1.09045	1.19979	1.32791
3758051.30	0.75396	0.79890	0.85075	0.91139	0.98292	1.06749	1.16733	1.28541	1.42576
3758021.30	0.82042	0.86896	0.92440	0.98871	1.06442	1.15453	1.26225	1.39089	1.54495
3757991.30	0.90049	0.95516	1.01691	1.08763	1.16995	1.26732	1.38408	1.52511	1.69610
3757961.30	0.99339	1.05706	1.12878	1.21041	1.30455	1.41479	1.54592	1.70418	1.89714
3757931.30	1.10118	1.17640	1.26122	1.35793	1.46953	1.60013	1.75533	1.94266	2.17185
3757901.30	1.22952	1.31994	1.42221	1.53914	1.67450	1.83342	2.02312	2.25372	2.53924
3757871.30	1.38157	1.49170	1.61745	1.76231	1.93119	2.13097	2.37142	2.66687	3.03845
3757841.30	1.55219	1.68551	1.83973	2.01963	2.23184	2.48590	2.79575	3.18235	3.67855
3757811.30	1.73899	1.89989	2.08820	2.31117	2.57856	2.90418	3.30856	3.82339	4.49943
3757781.30	1.95005	2.14615	2.37803	2.65591	2.99399	3.41237	3.94057	4.62416	5.53648
3757751.30	2.19257	2.43165	2.71677	3.06136	3.48438	4.01318	4.68778	5.56754	6.74260
3757721.30	2.46514	2.75280	3.09841	3.51906	4.03833	4.68920	5.51821	6.59150	8.00282
3757691.30	2.76383	3.10366	3.51380	4.01411	4.63106	5.40008	6.36847	7.59974	9.18000
3757661.30	3.08545	3.47796	3.95064	4.52445	5.22623	6.09027	7.16058	8.49423	10.16593
3757631.30	3.41886	3.86016	4.38751	5.02080	5.78461	6.70964	7.83474	9.20917	10.89578
3757601.30	3.74429	4.22472	4.79224	5.46440	6.26260	7.21331	8.34898	9.70954	11.34606
3757571.30	4.04296	4.54794	5.13635	5.82311	6.62613	7.56666	8.66963	9.96516	11.49293
3757541.30	4.30542	4.81954	5.41027	6.08958	6.87099	7.76940	8.80141	9.98655	11.35113
3757511.30	4.52156	5.02975	5.60499	6.25539	6.98894	7.81322	8.73521	9.76216	10.90180
3757481.30	4.67400	5.16013	5.70070	6.29909	6.95719	7.67473	8.44867	9.27221	10.13027
3757451.30	4.74947	5.19843	5.68671	6.21281	6.77237	7.35744	7.95543	8.54648	9.09824
3757421.30	4.74559	5.14455	5.56587	6.00328	6.44720	6.88423	7.29583	7.65608	7.92942
3757391.30	4.66514	5.00309	5.34597	5.68448	6.00642	6.29655	6.53568	6.70002	6.76094
3757361.30	4.51266	4.78253	5.04223	5.28159	5.48867	5.64979	5.74911	5.76854	5.68974
3757331.30	4.29794	4.49866	4.67837	4.82801	4.93795	4.99759	4.99522	4.91933	4.76223
3757301.30	4.03607	4.17235	4.28184	4.35761	4.39255	4.37889	4.30918	4.17855	3.98697
3757271.30	3.74459	3.82566	3.87834	3.89765	3.87840	3.81563	3.70616	3.55029	3.35219

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372240.44	372270.44	372300.44	372330.44	372360.44	372390.44	372420.44	372450.44	372480.44
3757241.30	3.44103	3.47785	3.48718	3.46544	3.40935	3.31688	3.18827	3.02694	2.83774
3757211.30	3.13963	3.14252	3.12003	3.07004	2.99123	2.88387	2.75056	2.59530	2.42181
3757181.30	2.84999	2.82773	2.78309	2.71533	2.62476	2.51328	2.38410	2.24032	2.08448

Site #15 – Localized PM2.5 Concentrations

3757151.30	2.57778	2.53781	2.47906	2.40188	2.30774	2.19902	2.07837	1.94778	1.80909
3757121.30	2.32618	2.27483	2.20844	2.12819	2.03586	1.93354	1.82298	1.70541	1.58232
3757091.30	2.09686	2.03925	1.97025	1.89119	1.80367	1.70917	1.60870	1.50318	1.39386
3757061.30	1.89022	1.83038	1.76220	1.68683	1.60543	1.51888	1.42783	1.33313	1.23584
3757031.30	1.70585	1.64662	1.58131	1.51075	1.43565	1.35658	1.27413	1.18908	1.10235
3757001.30	1.54259	1.48565	1.42420	1.35868	1.28956	1.21735	1.14268	1.06622	0.98882
3756971.30	1.39867	1.34486	1.28747	1.22675	1.16316	1.09726	1.02965	0.96080	0.89168

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372510.44	372540.44	372570.44	372600.44	372630.44	372660.44	372690.44	372720.44	372750.44
3758441.30	0.64256	0.66023	0.68212	0.71336	0.75543	0.80503	0.85889	0.91352	0.96316
3758411.30	0.68457	0.70492	0.72846	0.76114	0.80582	0.85972	0.91935	0.98084	1.03699
3758381.30	0.73043	0.75436	0.78029	0.81485	0.86244	0.92108	0.98719	1.05656	1.12044
3758351.30	0.78053	0.80905	0.83836	0.87548	0.92643	0.99039	1.06381	1.14229	1.21536
3758321.30	0.83531	0.86964	0.90353	0.94416	0.99919	1.06924	1.15097	1.24001	1.32408
3758291.30	0.89522	0.93684	0.97683	1.02224	1.08235	1.15959	1.25095	1.35229	1.44959
3758261.30	0.96061	1.01142	1.05947	1.11135	1.17795	1.26396	1.36667	1.48249	1.59576
3758231.30	1.03170	1.09406	1.15286	1.21352	1.28851	1.38545	1.50199	1.63508	1.76778
3758201.30	1.10858	1.18529	1.25842	1.33125	1.41720	1.52803	1.66197	1.81612	1.97268
3758171.30	1.19120	1.28548	1.37736	1.46737	1.56822	1.69688	1.85339	2.03401	2.22030
3758141.30	1.27959	1.39498	1.51074	1.62481	1.74689	1.89891	2.08541	2.30061	2.52477
3758111.30	1.37412	1.51434	1.65967	1.80642	1.95957	2.14362	2.37082	2.63313	2.90724
3758081.30	1.47662	1.64447	1.82586	2.01527	2.21356	2.44381	2.72823	3.05725	3.40061
3758051.30	1.59256	1.78857	2.01189	2.25577	2.51774	2.81636	3.18544	3.61337	4.05871
3758021.30	1.73087	1.95566	2.22404	2.53492	2.88441	3.28527	3.78443	4.36908	4.97522
3757991.30	1.90455	2.16102	2.47813	2.86702	3.33338	3.88887	4.59406	5.44573	6.32901
3757961.30	2.13480	2.43126	2.80553	3.28437	3.90280	4.69633	5.74695	7.09208	8.51381
3757931.30	2.45546	2.81169	3.26818	3.86687	4.68143	5.84776	7.55742	9.97436	12.64168
3757901.30	2.89886	3.35987	3.96436	4.78011	5.93285	7.72957	11.05126	17.07436	23.52610
3757871.30	3.51769	4.15307	5.02604	6.28834	8.27259	12.00838	28.07446	124.80025	138.43018
3757841.30	4.33744	5.24897	6.57997	8.68983	12.53228	21.57579	60.08135	172.41805	186.94255
3757811.30	5.42277	6.74772	8.76905	12.10144	18.14306	30.48081	71.17725	183.59974	196.81405
3757781.30	6.79931	8.62242	11.37550	15.72369	22.92766	36.05358	76.71439	188.36515	200.33969
3757751.30	8.35272	10.61710	13.88658	18.73701	26.24450	39.30308	79.51884	190.43921	201.62267
3757721.30	9.88617	12.43733	15.95004	20.91222	28.32758	41.06359	80.77012	191.09183	201.75179
3757691.30	11.22739	13.90566	17.46095	22.33536	29.50392	41.84519	81.06086	190.80416	200.93268
3757661.30	12.27432	14.95832	18.44134	23.14142	30.00502	41.90619	80.57106	189.62865	199.05273
3757631.30	12.97862	15.58282	18.91986	23.39419	29.92194	41.29003	79.13778	186.94879	194.98286
3757601.30	13.33042	15.77650	18.88255	23.03279	29.09762	39.69768	75.76429	179.69062	183.70310
3757571.30	13.31151	15.51494	18.26426	21.86376	26.97305	35.44376	56.96294	66.50377	63.30394
3757541.30	12.93302	14.78652	16.98905	19.63728	22.76418	25.79407	26.34434	24.07251	20.10328
3757511.30	12.15882	13.52464	14.95192	16.28751	17.15003	16.92287	15.36767	12.96077	10.23966
3757481.30	10.99057	11.78964	12.40965	12.65666	12.30359	11.24806	9.68144	7.91875	6.31540
3757451.30	9.56005	9.85744	9.89018	9.55773	8.81890	7.74269	6.53280	5.36801	4.41700
3757421.30	8.07007	8.02406	7.74234	7.20662	6.44743	5.56409	4.70020	3.93613	3.34083
3757391.30	6.68798	6.45603	6.05626	5.50433	4.84848	4.17461	3.56585	3.05088	2.65756
3757361.30	5.49937	5.19347	4.78090	4.28691	3.75719	3.25326	2.81868	2.46074	2.18787
3757331.30	4.52264	4.20657	3.82794	3.41175	2.99402	2.61584	2.29996	2.04392	1.84629
3757301.30	3.73931	3.44401	3.11495	2.77260	2.44441	2.15762	1.92411	1.73604	1.58734
3757271.30	3.11783	2.85514	2.57590	2.29604	2.03716	1.81746	1.64194	1.50049	1.38473

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372510.44	372540.44	372570.44	372600.44	372630.44	372660.44	372690.44	372720.44	372750.44
3757241.30	2.62560	2.39730	2.16203	1.93309	1.72785	1.55781	1.42383	1.31507	1.22227
3757211.30	2.23397	2.03726	1.83894	1.65133	1.48776	1.35480	1.25113	1.16563	1.08942
3757181.30	1.91972	1.75023	1.58284	1.42893	1.29775	1.19276	1.11154	1.04283	0.97904
3757151.30	1.66481	1.51845	1.37718	1.25067	1.14469	1.06115	0.99667	0.94030	0.88609
3757121.30	1.45572	1.32920	1.21006	1.10570	1.01951	0.95261	0.90064	0.85353	0.80693
3757091.30	1.28252	1.17323	1.07272	0.98624	0.91578	0.86184	0.81927	0.77927	0.73883
3757061.30	1.13784	1.04353	0.95861	0.88662	0.82882	0.78497	0.74952	0.71512	0.67975
3757031.30	1.01611	0.93474	0.86282	0.80271	0.75514	0.71911	0.68913	0.65924	0.62809
3757001.30	0.91296	0.84272	0.78168	0.73138	0.69206	0.66210	0.63639	0.61021	0.58260
3756971.30	0.82495	0.76426	0.71238	0.67024	0.63754	0.61231	0.59000	0.56691	0.54231

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372780.44	372810.44	372840.44	372870.44	372900.44	372930.44	372960.44	372990.44	373020.44
3758441.30	1.00611	1.04286	1.07150	1.09391	1.11475	1.13518	1.15371	1.16685	1.17080
3758411.30	1.08514	1.12597	1.15801	1.18359	1.20735	1.22975	1.24849	1.25967	1.26009
3758381.30	1.17480	1.22049	1.25666	1.28600	1.31291	1.33697	1.35521	1.36360	1.36004
3758351.30	1.27721	1.32873	1.36994	1.40371	1.43389	1.45911	1.47596	1.48081	1.47294
3758321.30	1.39503	1.45369	1.50108	1.53996	1.57330	1.59896	1.61352	1.61413	1.60185
3758291.30	1.53174	1.59924	1.65421	1.69880	1.73497	1.76020	1.77158	1.76741	1.75081

Site #15 – Localized PM2.5 Concentrations

3758261.30	1.69187	1.77050	1.83470	1.88550	1.92388	1.94781	1.95517	1.94577	1.92553
3758231.30	1.88151	1.97432	2.04970	2.10690	2.14678	2.16861	2.17111	2.15648	2.13428
3758201.30	2.10895	2.22005	2.30876	2.37238	2.41313	2.43206	2.42903	2.41036	2.38900
3758171.30	2.38583	2.52072	2.62513	2.69520	2.73651	2.75176	2.74348	2.72374	2.70668
3758141.30	2.72890	2.89499	3.01786	3.09495	3.13684	3.14822	3.13713	3.12073	3.11124
3758111.30	3.16315	3.37050	3.51582	3.60174	3.64502	3.65437	3.64530	3.63651	3.63542
3758081.30	3.72743	3.99041	4.16536	4.26406	4.31201	4.32388	4.32180	4.32012	4.31827
3758051.30	4.48562	4.82718	5.04560	5.16613	5.22488	5.24309	5.24387	5.23059	5.19395
3758021.30	5.55150	6.01343	6.30377	6.46191	6.53200	6.54177	6.50573	6.41675	6.26829
3757991.30	7.15262	7.82096	8.23705	8.43525	8.47072	8.38259	8.17951	7.87041	7.48244
3757961.30	9.82189	10.87910	11.46600	11.58333	11.35864	10.87959	10.21594	9.46290	8.69724
3757931.30	15.07033	16.77279	17.28892	16.68157	15.41439	13.86365	12.32887	10.94722	9.74399
3757901.30	28.10953	30.23866	28.86926	24.45937	20.05472	16.65866	14.08944	12.10040	10.51456
3757871.30	144.18008	143.64186	55.12677	32.01735	23.53371	18.59347	15.26805	12.84441	10.98013
3757841.30	190.47359	180.15673	62.25599	35.04291	25.19324	19.57745	15.85939	13.17946	11.13548
3757811.30	197.49524	183.63923	64.03019	35.99453	25.73509	19.85178	15.94469	13.12303	10.97182
3757781.30	199.55747	184.67359	64.53809	36.14294	25.65453	19.63638	15.61888	12.71198	10.50261
3757751.30	200.13220	184.75952	64.31232	35.73505	25.08226	18.96913	14.89013	11.94603	9.73275
3757721.30	199.85003	184.15698	63.42602	34.72661	23.96146	17.78379	13.70291	10.80905	8.68409
3757691.30	198.61870	182.63223	61.70471	32.88546	22.08989	15.95418	12.00964	9.32329	7.42811
3757661.30	196.13347	179.67779	58.52387	29.73842	19.16633	13.38870	9.88199	7.62873	6.10538
3757631.30	190.83246	173.66599	52.56639	24.51299	14.99032	10.27689	7.62140	5.97963	4.88191
3757601.30	177.31773	159.70925	40.56808	16.50923	10.18675	7.30465	5.65399	4.59334	3.85875
3757571.30	55.82208	41.09123	14.09813	8.81926	6.49864	5.11472	4.18794	3.53240	3.05160
3757541.30	14.83180	9.77811	7.10421	5.53430	4.50191	3.76015	3.20137	2.77387	2.44574
3757511.30	7.70679	5.95864	4.88866	4.09630	3.44919	2.96002	2.57249	2.26222	2.01699
3757481.30	5.10710	4.29126	3.70603	3.24521	2.81041	2.44427	2.15097	1.90890	1.71143
3757451.30	3.76397	3.31514	2.95683	2.66266	2.37183	2.08941	1.85020	1.65258	1.48794
3757421.30	2.93968	2.66095	2.43257	2.23839	2.04092	1.82941	1.62941	1.45864	1.31665
3757391.30	2.38611	2.19234	2.03962	1.91229	1.77799	1.62506	1.46266	1.31178	1.18282
3757361.30	1.99174	1.84459	1.73470	1.65030	1.56110	1.45451	1.32903	1.19946	1.08047
3757331.30	1.69777	1.57998	1.49422	1.43549	1.37721	1.30571	1.21455	1.10872	1.00210
3757301.30	1.47068	1.37403	1.30261	1.25825	1.21973	1.17292	1.11085	1.02995	0.93889
3757271.30	1.29034	1.21008	1.14839	1.11165	1.08490	1.05433	1.01416	0.95681	0.88379

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	372780.44	372810.44	372840.44	372870.44	372900.44	372930.44	372960.44	372990.44	373020.44
3757241.30	1.14404	1.07672	1.02284	0.99014	0.96974	0.94931	0.92399	0.88630	0.83181
3757211.30	1.02332	0.96620	0.91919	0.88904	0.87164	0.85706	0.84110	0.81799	0.78041
3757181.30	0.92229	0.87319	0.83234	0.80440	0.78818	0.77659	0.76607	0.75274	0.72901
3757151.30	0.83675	0.79396	0.75847	0.73289	0.71712	0.70673	0.69897	0.69162	0.67819
3757121.30	0.76356	0.72577	0.69484	0.67181	0.65643	0.64627	0.63954	0.63534	0.62892
3757091.30	0.70037	0.66662	0.63946	0.61898	0.60429	0.59397	0.58728	0.58429	0.58209
3757061.30	0.64536	0.61491	0.59084	0.57278	0.55912	0.54868	0.54149	0.53851	0.53837
3757031.30	0.59715	0.56944	0.54788	0.53198	0.51959	0.50930	0.50148	0.49780	0.49821
3757001.30	0.55460	0.52921	0.50970	0.49565	0.48464	0.47484	0.46652	0.46182	0.46178
3756971.30	0.51683	0.49345	0.47560	0.46312	0.45345	0.44442	0.43589	0.43011	0.42907

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	373050.44	373080.44	373110.44	373140.44	373170.44	373200.44	373230.44	373260.44	373290.44
3758441.30	1.16465	1.15111	1.13466	1.11922	1.10693	1.09827	1.09283	1.09003	1.08939
3758411.30	1.25029	1.23423	1.21688	1.20186	1.19072	1.18355	1.17978	1.17880	1.18005
3758381.30	1.34664	1.32855	1.31093	1.29691	1.28745	1.28229	1.28071	1.28197	1.28543
3758351.30	1.45621	1.43676	1.41967	1.40739	1.40028	1.39775	1.39889	1.40274	1.40860
3758321.30	1.58230	1.56245	1.54693	1.53729	1.53333	1.53409	1.53834	1.54493	1.55299
3758291.30	1.72944	1.71057	1.69784	1.69186	1.69189	1.69645	1.70384	1.71267	1.72181
3758261.30	1.90398	1.88780	1.87921	1.87802	1.88267	1.89088	1.90048	1.90980	1.91729
3758231.30	2.11483	2.10316	2.10018	2.10458	2.11348	2.12373	2.13282	2.13874	2.13954
3758201.30	2.37419	2.36892	2.37259	2.38186	2.39234	2.40043	2.40339	2.39905	2.38580
3758171.30	2.69895	2.70133	2.71029	2.72012	2.72572	2.72338	2.71067	2.68622	2.64949
3758141.30	3.11186	3.11940	3.12677	3.12707	3.11542	3.08915	3.04744	2.99054	2.91951
3758111.30	3.63973	3.64115	3.63092	3.60293	3.55457	3.48609	3.39920	3.29630	3.18033
3758081.30	4.30711	4.27645	4.21954	4.13471	4.02434	3.89260	3.74403	3.58318	3.41446
3758051.30	5.12369	5.01471	4.86865	4.69199	4.49289	4.27893	4.05654	3.83111	3.60690
3758021.30	6.06330	5.81235	5.52965	5.22905	4.92158	4.61507	4.31489	4.02471	3.74685
3757991.30	7.04776	6.59340	6.13931	5.69821	5.27677	4.87800	4.50319	4.15266	3.82611
3757961.30	7.96143	7.27436	6.64209	6.06350	5.53464	5.05136	4.60994	4.20706	3.83989
3757931.30	8.70184	7.79575	7.00239	6.30219	5.68024	5.12548	4.62944	4.18553	3.78851
3757901.30	9.21589	8.12896	7.20295	6.40344	5.70705	5.09709	4.56124	4.09003	3.67563
3757871.30	9.49001	8.26483	7.23688	6.36277	5.61316	4.96713	4.40903	3.92627	3.50828
3757841.30	9.51425	8.19272	7.09620	6.17615	5.39906	4.74031	4.18050	3.70379	3.29705
3757811.30	9.27202	7.89808	6.77202	5.84154	5.06884	4.42482	3.88625	3.43430	3.05357
3757781.30	8.77197	7.39221	6.28096	5.38008	4.64578	4.04406	3.54817	3.13689	2.79334
3757751.30	8.03101	6.70465	5.66065	4.83177	4.16798	3.63151	3.19361	2.83243	2.53136
3757721.30	7.09554	5.89174	4.96712	4.24654	3.67629	3.21806	2.84447	2.53582	2.27773
3757691.30	6.05546	5.03879	4.26909	3.67356	3.20319	2.82449	2.51432	2.25649	2.03942
3757661.30	5.02537	4.22844	3.62193	3.14858	2.77118	2.46471	2.21172	1.99975	1.81979
3757631.30	4.09872	3.51074	3.05300	2.68779	2.39098	2.14600	1.94111	1.76771	1.61929
3757601.30	3.31839	2.90091	2.56608	2.29085	2.06120	1.86752	1.70264	1.56111	1.43870
3757571.30	2.68483	2.39341	2.15338	1.95029	1.77583	1.62482	1.49352	1.37881	1.27815
3757541.30	2.18947	1.98298	1.81060	1.66203	1.53121	1.41493	1.31135	1.21905	1.13670
3757511.30	1.82357	1.66808	1.53895	1.42775	1.32884	1.23919	1.15747	1.08305	1.01549
3757481.30	1.55402	1.42855	1.32610	1.23935	1.16292	1.09329	1.02875	0.96873	0.91312
3757451.30	1.35349	1.24556	1.15874	1.08713	1.02575	0.97076	0.91970	0.87146	0.82584
3757421.30	1.19954	1.10441	1.02753	0.96489	0.91259	0.86727	0.82618	0.78746	0.75033
3757391.30	1.07695	0.99128	0.92221	0.86620	0.81995	0.78069	0.74616	0.71442	0.68416

Site #15 – Localized PM2.5 Concentrations

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 3757361.30 |       0.97991      0.89911      0.83502      0.78385      0.74240      0.70785      0.67801      0.65122      0.62614
 3757331.30 |       0.90580      0.82602      0.76326      0.71434      0.67576      0.64468      0.61868      0.59593      0.57503
 3757301.30 |       0.84943      0.77047      0.70651      0.65703      0.61902      0.58945      0.56584      0.54618      0.52883
 3757271.30 |       0.80447      0.72871      0.66358      0.61184      0.57231      0.54232      0.51931      0.50117      0.48621
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                          ***        06/29/10
                                   ***                                                                          ***        14:44:27
                                                                                                                           PAGE  17

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

   Y-COORD  |                                              X-COORD (METERS)
   (METERS) |     373050.44    373080.44    373110.44    373140.44    373170.44    373200.44    373230.44    373260.44    373290.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3757241.30 |       0.76545      0.69604      0.63173      0.57778      0.53556      0.50360      0.47964      0.46149      0.44740
 3757211.30 |       0.72836      0.66809      0.60743      0.55283      0.50794      0.47317      0.44707      0.42770      0.41323
 3757181.30 |       0.69097      0.64155      0.58713      0.53430      0.48794      0.45036      0.42148      0.39995      0.38415
 3757151.30 |       0.65257      0.61444      0.56805      0.51930      0.47345      0.43400      0.40234      0.37815      0.36024
 3757121.30 |       0.61345      0.58595      0.54844      0.50547      0.46212      0.42242      0.38873      0.36187      0.34144
 3757091.30 |       0.57431      0.55615      0.52746      0.49129      0.45198      0.41368      0.37928      0.35038      0.32743
 3757061.30 |       0.53593      0.52549      0.50496      0.47591      0.44168      0.40612      0.37240      0.34253      0.31760
 3757031.30 |       0.49901      0.49456      0.48122      0.45906      0.43044      0.39859      0.36667      0.33700      0.31099
 3757001.30 |       0.46414      0.46394      0.45666      0.44087      0.41791      0.39036      0.36110      0.33260      0.30647
 3756971.30 |       0.43174      0.43419      0.43172      0.42161      0.40408      0.38107      0.35506      0.32845      0.30303
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                          ***        06/29/10
                                   ***                                                                          ***        14:44:27
                                                                                                                           PAGE  18

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

   Y-COORD  |                                   X-COORD (METERS)
   (METERS) |     373320.44    373350.44    373380.44    373410.44    373440.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3758441.30 |       1.09057      1.09334      1.09762      1.10334      1.11018
 3758411.30 |       1.18314      1.18785      1.19403      1.20134      1.20912
 3758381.30 |       1.29066      1.29738      1.30520      1.31332      1.32072
 3758351.30 |       1.41595      1.42426      1.43264      1.43991      1.44482
 3758321.30 |       1.56176      1.57021      1.57699      1.58075      1.58046
 3758291.30 |       1.73003      1.73580      1.73764      1.73444      1.72568
 3758261.30 |       1.92122      1.92000      1.91250      1.89822      1.87718
 3758231.30 |       2.13359      2.11977      2.09770      2.06758      2.03002
 3758201.30 |       2.36271      2.32962      2.28704      2.23594      2.17742
 3758171.30 |       2.60076      2.54104      2.47181      2.39472      2.31133
 3758141.30 |       2.83616      2.74269      2.64143      2.53453      2.42397
 3758111.30 |       3.05453      2.92202      2.78554      2.64741      2.50964
 3758081.30 |       3.24175      3.06822      2.89634      2.72806      2.56497
 3758051.30 |       3.38705      3.17378      2.96871      2.77308      2.58776
 3758021.30 |       3.48275      3.23325      2.99894      2.78013      2.57672
 3757991.30 |       3.52310      3.24306      2.98529      2.74884      2.53258
 3757961.30 |       3.50604      3.20326      2.92927      2.68183      2.45873
 3757931.30 |       3.43382      3.11733      2.83521      2.58392      2.36025
 3757901.30 |       3.31121      2.99076      2.70899      2.46116      2.24308
 3757871.30 |       3.14604      2.83181      2.55890      2.32148      2.11448
 3757841.30 |       2.94924      2.65105      2.39459      2.17319      1.98119
 3757811.30 |       2.73141      2.45738      2.22295      2.02112      1.84628
 3757781.30 |       2.50417      2.25881      2.04898      1.86818      1.71127
 3757751.30 |       2.27784      2.06234      1.87757      1.71789      1.57891
 3757721.30 |       2.05957      1.87336      1.71302      1.57384      1.45216
 3757691.30 |       1.85467      1.69590      1.55831      1.43815      1.33249
 3757661.30 |       1.66526      1.53130      1.41422      1.31118      1.21992
 3757631.30 |       1.49090      1.37874      1.27994      1.19230      1.11408
 3757601.30 |       1.33205      1.23837      1.15541      1.08139      1.01492
 3757571.30 |       1.18945      1.11097      1.04116      0.97867      0.92236
 3757541.30 |       1.06308      0.99717      0.93806      0.88491      0.83693
 3757511.30 |       0.95422      0.89864      0.84820      0.80244      0.76091
 3757481.30 |       0.86188      0.81480      0.77158      0.73192      0.69555
 3757451.30 |       0.78297      0.74297      0.70585      0.67144      0.63956
 3757421.30 |       0.71472      0.68082      0.64885      0.61891      0.59094
 3757391.30 |       0.65482      0.62636      0.59900      0.57295      0.54835
 3757361.30 |       0.60188      0.57811      0.55486      0.53233      0.51072
 3757331.30 |       0.55498      0.53522      0.51559      0.49622      0.47729
 3757301.30 |       0.51255      0.49650      0.48029      0.46391      0.44753
 3757271.30 |       0.47298      0.46034      0.44754      0.43427      0.42056
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                          ***        06/29/10
                                   ***                                                                          ***        14:44:27
                                                                                                                           PAGE  19

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

   Y-COORD  |                                   X-COORD (METERS)
   (METERS) |     373320.44    373350.44    373380.44    373410.44    373440.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3757241.30 |       0.43593      0.42584      0.41606      0.40591      0.39509
 3757211.30 |       0.40217      0.39332      0.38560      0.37806      0.37006
 3757181.30 |       0.37250      0.36376      0.35689      0.35096      0.34514
 3757151.30 |       0.34723      0.33780      0.33086      0.32550      0.32092
 3757121.30 |       0.32642      0.31564      0.30797      0.30244      0.29826
 3757091.30 |       0.31005      0.29736      0.28837      0.28212      0.27772
 3757061.30 |       0.29788      0.28299      0.27220      0.26467      0.25956
 3757031.30 |       0.28937      0.27232      0.25948      0.25024      0.24392
 3757001.30 |       0.28372      0.26489      0.25005      0.23891      0.23097
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 3756971.30 |       0.27997      0.25999      0.24350      0.23053      0.22081
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***        06/29/10
                                  ***                                                                    ***        14:44:27
                                                                                                                    PAGE  20
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM2.5    IN MICROGRAMS/M**3                      **

      X-COORD (M)   Y-COORD (M)        CONC                     X-COORD (M)   Y-COORD (M)        CONC
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372922.94    3757605.69        8.31379                    372861.54    3757481.08        3.37226
       372438.96    3757746.55        5.34761                    372431.74    3757838.64        2.97551
       372435.35    3757928.94        1.86387
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***        06/29/10
                                  ***                                                                    ***        14:44:27
                                                                                                                    PAGE  21
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF PM2.5    IN MICROGRAMS/M**3                      **

 Y-COORD  |                                                 X-COORD (METERS)
 (METERS) |       371970.44              372000.44              372030.44              372060.44              372090.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      3.69274 (06071424)      3.86320 (06071424)      3.98165m(05010924)      4.45989 (07071924)      5.23860 (06062824)
3758411.3 |      3.67282 (07021124)      3.83723 (06071424)      4.04117 (06071424)      4.21823m(05010924)      4.67677 (07071924)
3758381.3 |      3.69417 (07021124)      3.81248 (07021124)      3.98735 (06071424)      4.22667 (06071424)      4.47843m(05010924)
3758351.3 |      3.77122 (06110124)      3.80797 (07021124)      3.95569 (07021124)      4.14373 (06071424)      4.42057 (06071424)
3758321.3 |      4.60999 (06110124)      4.23835 (06110124)      3.92467 (07021124)      4.10263 (07021124)      4.30784 (06071424)
3758291.3 |      5.15996 (06110124)      5.01005 (06110124)      4.71327 (06110124)      4.25370 (06110124)      4.25426 (07021124)
3758261.3 |      5.41843 (06110124)      5.45592 (06110124)      5.38972 (06110124)      5.18281 (06110124)      4.80159 (06110124)
3758231.3 |      5.46201 (06110124)      5.62492 (06110124)      5.72625 (06110124)      5.74269 (06110124)      5.63442 (06110124)
3758201.3 |      5.34576 (06110124)      5.60589 (06110124)      5.81590 (06110124)      5.97417 (06110124)      6.06668 (06110124)
3758171.3 |      5.18650 (07091324)      5.43287 (06110124)      5.74045 (06110124)      5.99567 (06110124)      6.20553 (06110124)
3758141.3 |      5.47267 (07091324)      5.56941 (07091324)      5.61170 (07091324)      5.86691 (06110124)      6.16961 (06110124)
3758111.3 |      5.53054 (07091324)      5.73828 (07091324)      5.90785 (07091324)      6.03189 (07091324)      6.10137 (07091324)
3758081.3 |      6.32037 (07020624)      6.26332 (07020624)      6.14722 (07020624)      6.20454 (07091324)      6.40603 (07091324)
3758051.3 |      7.05500 (07020624)      7.19358 (07020624)      7.25900 (07020624)      7.24821 (07020624)      7.16284 (07020624)
3758021.3 |      7.28098 (07020624)      7.62362 (07020624)      7.91684 (07020624)      8.14554 (07020624)      8.29983 (07020624)
3757991.3 |      7.04969 (07020624)      7.51778 (07020624)      7.98083 (07020624)      8.41787 (07020624)      8.81121 (07020624)
3757961.3 |      6.59074 (07020624)      7.08131 (07020624)      7.61174 (07020624)      8.16479 (07020624)      8.71866 (07020624)
3757931.3 |      6.14438 (07020624)      6.58243 (07020624)      7.08604 (07020624)      7.65173 (07020624)      8.26744 (07020624)
3757901.3 |      6.46656 (06041124)      6.69653 (06041124)      6.92821 (06041124)      7.16828 (07020624)      7.75357 (07020624)
3757871.3 |      7.14430 (06041124)      7.45861 (06041124)      7.78496 (06041124)      8.12300 (06041124)      8.47249 (06041124)
3757841.3 |      8.04031 (05122624)      8.34392 (05122624)      8.66717 (05122624)      9.01346 (05122624)      9.38626 (05122624)
3757811.3 |      9.06847 (05122624)      9.45741 (05122624)      9.87009 (05122624)     10.30963 (05122624)     10.77989 (05122624)
3757781.3 |      9.75589 (05122624)     10.20577 (05122624)     10.68012 (05122624)     11.18062 (05122624)     11.71017 (05122624)
3757751.3 |      9.92575 (05122624)     10.39979 (05122624)     10.89997 (05122624)     11.42739 (05122624)     11.98370 (05122624)
3757721.3 |      9.57387 (05122624)     10.03341 (05122624)     10.52351 (05122624)     11.04676 (05122624)     11.84454m(05012424)
3757691.3 |     10.12701m(05012424)     10.86261m(05012424)     11.66400m(05012424)     12.53478m(05012424)     13.47818m(05012424)
3757661.3 |     11.04667m(05012424)     11.81805m(05012424)     12.64330m(05012424)     13.52270m(05012424)     14.45561m(05012424)
3757631.3 |     11.60213m(05012424)     12.31952m(05012424)     13.07075m(05012424)     13.85531m(05012424)     14.67292m(05012424)
3757601.3 |     11.80532m(05012424)     12.41125m(05012424)     13.03410m(05012424)     13.67555m(05012424)     14.33982m(05012424)
3757571.3 |     11.71116m(05012424)     12.19549m(05012424)     12.69105m(05012424)     13.20353m(05012424)     13.74222m(05012424)
3757541.3 |     11.35585m(05012424)     11.73573m(05012424)     12.20106 (06012524)     12.91957 (06012524)     13.66893 (06012524)
3757511.3 |     11.46966 (06012524)     12.05955 (06012524)     12.66582 (06012524)     13.30064 (06012524)     13.98333 (06012524)
3757481.3 |     11.65459 (06012524)     12.14191 (06012524)     12.65393 (06012524)     13.20939 (06012524)     13.83019 (06012524)
3757451.3 |     11.36645 (06012524)     11.75492 (06012524)     12.18139 (06012524)     12.66296 (06012524)     13.48848 (05120724)
3757421.3 |     10.69406 (06012524)     11.33183 (05120724)     12.06587 (05120724)     12.80024 (05120724)     13.51836 (05120724)
3757391.3 |     10.84135 (05120724)     11.45133 (05120724)     12.04646 (05120724)     12.87173 (05121124)     13.91094 (05121124)
3757361.3 |     10.79708 (05120724)     11.49902 (05121124)     12.33060 (05121124)     13.20344 (05121124)     14.09394 (05121124)
3757331.3 |     10.99626 (05121124)     11.69453 (05121124)     12.40849 (05121124)     13.11670 (05121124)     13.78949 (05121124)
3757301.3 |     10.99417 (05121124)     11.56702 (05121124)     12.12020 (05121124)     12.63174 (05121124)     13.07592 (05121124)
3757271.3 |     10.71902 (05121124)     11.15168 (05121124)     11.59568 (07123024)     12.14507 (07123024)     12.57360 (07123024)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***        06/29/10
                                  ***                                                                    ***        14:44:27
                                                                                                                    PAGE  22
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF PM2.5    IN MICROGRAMS/M**3                      **

 Y-COORD  |                                                 X-COORD (METERS)
 (METERS) |       371970.44              372000.44              372030.44              372060.44              372090.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |     10.53338 (07123024)     11.06224 (07123024)     11.47716 (07123024)     11.77092 (07123024)     12.45514 (05110524)
3757211.3 |     10.51480 (07123024)     10.81273 (07123024)     10.99270 (07123024)     11.83571 (05110524)     12.77257 (05110524)
3757181.3 |     10.16231 (07123024)     10.40098 (05110524)     11.23410 (05110524)     12.03268 (05110524)     12.73777 (05110524)
3757151.3 |      9.93130 (05110524)     10.65054 (05110524)     11.48692 (05111224)     12.15162 (05111224)     12.61164 (05120824)
3757121.3 |     10.30054 (05111224)     11.03683 (05111224)     11.58472 (05111224)     11.92389 (05120824)     12.37227 (05120824)
3757091.3 |     10.59444 (05111224)     11.03776 (05111224)     11.27853 (05120824)     11.63254 (05120824)     11.78384 (05120824)
3757061.3 |     10.51174 (05111224)     10.67526 (05120824)     10.95117 (05120824)     11.07535 (05100924)     11.60848 (05100924)
3757031.3 |     10.11140 (05120824)     10.32425 (05120824)     10.44241 (05100924)     10.94042 (05100924)     11.23082 (05100924)
3757001.3 |      9.74618 (05120824)      9.86691 (05100924)     10.33399 (05100924)     10.61020 (05100924)     10.64656 (05100924)
3756971.3 |      9.34253 (05100924)      9.78200 (05100924)     10.04595 (05100924)     10.08728 (05100924)      9.87189 (05100924)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***        06/29/10
                                  ***                                                                    ***        14:44:27
                                                                                                                    PAGE  23
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***
```

Site #15 – Localized PM2.5 Concentrations

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372120.44	372150.44	372180.44	372210.44	372240.44
3758441.3	6.09308 (06062824)	6.77712 (06062824)	7.19405 (06062824)	7.25607 (06062824)	6.91933 (06062824)
3758411.3	5.58743 (06062824)	6.47729 (06062824)	7.17531 (06062824)	7.57713 (06062824)	7.58890 (06062824)
3758381.3	4.93119 (06062824)	5.96785 (06062824)	6.89404 (06062824)	7.60570 (06062824)	7.98845 (06062824)
3758351.3	4.76582m(05010924)	5.29119 (06062824)	6.38318 (06062824)	7.34785 (06062824)	8.07213 (06062824)
3758321.3	4.62301 (06071424)	5.08358m(05010924)	5.68736 (06062824)	6.83856 (06062824)	7.84308 (06062824)
3758291.3	4.49890 (07100124)	4.83600 (06071424)	5.43718m(05010924)	6.12458 (06062824)	7.33857 (06062824)
3758261.3	4.46410 (07100124)	4.77525 (07100124)	5.12962m(05010924)	5.83230m(05010924)	6.60825 (06062824)
3758231.3	5.35479 (06110124)	4.86736 (06110124)	5.06625 (07100124)	5.51360 (06092024)	6.27559m(05010924)
3758201.3	6.05877 (06110124)	5.89637 (06110124)	5.52114 (06110124)	5.44809 (06092024)	6.02015 (06092024)
3758171.3	6.36499 (06110124)	6.45042 (06110124)	6.41169 (06110124)	6.17593 (06110124)	5.90532 (06092024)
3758141.3	6.42692 (06110124)	6.64443 (06110124)	6.81128 (06110124)	6.89142 (06110124)	6.81045 (06110124)
3758111.3	6.34022 (06110124)	6.64519 (06110124)	6.91415 (06110124)	7.15021 (06110124)	7.33432 (06110124)
3758081.3	6.56580 (07091324)	6.67642 (07091324)	6.86622 (06110124)	7.18470 (06110124)	7.47995 (06110124)
3758051.3	7.01057 (07020624)	6.98861 (07091324)	7.21698 (06090824)	7.62352 (06090824)	8.00523 (06090824)
3758021.3	8.37439 (07020624)	8.36699 (07020624)	8.27817 (07020624)	8.11006 (07020624)	8.51701 (06090824)
3757991.3	9.14691 (07020624)	9.41715 (07020624)	9.61689 (07020624)	9.74333 (07020624)	9.78954 (07020624)
3757961.3	9.25172 (07020624)	9.74731 (07020624)	10.19623 (07020624)	10.59645 (07020624)	10.95057 (07020624)
3757931.3	8.91278 (07020624)	9.56263 (07020624)	10.19435 (07020624)	10.79303 (07020624)	11.35541 (07020624)
3757901.3	8.41517 (07020624)	9.13879 (07020624)	9.89914 (07020624)	10.66738 (07020624)	11.41772 (07020624)
3757871.3	8.83403 (06041124)	9.20917 (06041124)	9.60079 (06041124)	10.43242 (07020624)	11.36594 (07020624)
3757841.3	9.78982 (05122624)	10.22943 (05122624)	10.71111 (05122624)	11.24220 (05122624)	11.83208 (05122624)
3757811.3	11.28593 (05122624)	11.83293 (05122624)	12.42790 (05122624)	13.07861 (05122624)	13.79449 (05122624)
3757781.3	12.27179 (05122624)	12.86970 (05122624)	13.50895 (05122624)	14.19626 (05122624)	14.93933 (05122624)
3757751.3	12.57091 (05122624)	13.19172 (05122624)	13.84966 (05122624)	14.55031 (05122624)	15.30064 (05122624)
3757721.3	12.77042m(05012424)	13.79184m(05012424)	14.91692m(05012424)	16.15239m(05012424)	17.50378m(05012424)
3757691.3	14.49589m(05012424)	15.58928m(05012424)	16.75803m(05012424)	18.00025m(05012424)	19.31593m(05012424)
3757661.3	15.44134m(05012424)	16.47878m(05012424)	17.56853m(05012424)	18.71415m(05012424)	19.92535m(05012424)
3757631.3	15.52548m(05012424)	16.41763m(05012424)	17.35971m(05012424)	18.36835m(05012424)	19.47009m(05012424)
3757601.3	15.03439m(05012424)	15.77212m(05012424)	16.57250m(05012424)	17.46157m(05012424)	18.47622m(05012424)
3757571.3	14.32012m(05012424)	14.95557m(05012424)	15.70590 (06010824)	16.77908 (06012524)	18.04585 (06012524)
3757541.3	14.46709 (06012524)	15.34310 (06012524)	16.33533 (06012524)	17.48689 (06012524)	18.83370 (06012524)
3757511.3	14.74078 (06012524)	15.60447 (06012524)	16.60272 (06012524)	17.75086 (06012524)	19.03691 (06012524)
3757481.3	14.53828 (06012524)	15.34811 (06012524)	16.25657 (06012524)	17.31901 (05120724)	18.77353 (05121124)
3757451.3	14.38123 (05120724)	15.25815 (05120724)	16.43537 (05121124)	18.05446 (05121124)	19.75313 (05121124)
3757421.3	14.49633 (05121124)	15.79482 (05121124)	17.15850 (05121124)	18.54054 (05121124)	19.87628 (05121124)
3757391.3	15.00211 (05121124)	16.11311 (05121124)	17.19479 (05121124)	18.18666 (05121124)	19.01862 (05121124)
3757361.3	14.96964 (05121124)	15.78649 (05121124)	16.49388 (05121124)	17.03948 (05121124)	17.37757 (05121124)
3757331.3	14.39179 (05121124)	14.88621 (05121124)	15.23735 (05121124)	16.13466 (05110524)	17.75498 (05110524)
3757301.3	13.42636 (05121124)	13.85087 (07123024)	15.21302 (05110524)	16.61347 (05110524)	17.84423 (05110524)
3757271.3	13.09719 (05110524)	14.35714 (05110524)	15.55213 (05110524)	16.56484 (05110524)	17.26478 (05110524)

*** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 *** *** 06/29/10
*** 14:44:27
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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372120.44	372150.44	372180.44	372210.44	372240.44
3757241.3	13.54662 (05110524)	14.55533 (05110524)	15.37972 (05110524)	16.00891 (05120824)	16.81496 (05120824)
3757211.3	13.61748 (05110524)	14.28424 (05110524)	14.98812 (05120824)	15.60074 (05120824)	16.26600 (05100924)
3757181.3	13.34449 (05120824)	14.04531 (05120824)	14.50161 (05120824)	15.11301 (05100924)	15.54625 (05100924)
3757151.3	13.17498 (05120824)	13.50521 (05120824)	14.08672 (05100924)	14.47586 (05100924)	14.49957 (05100924)
3757121.3	12.60257 (05120824)	13.17060 (05100924)	13.52559 (05100924)	13.54821 (05100924)	13.83378 (05122924)
3757091.3	12.34846 (05100924)	12.67761 (05100924)	12.70086 (05100924)	12.84727 (05122924)	13.45736 (05122924)
3757061.3	11.91664 (05100924)	11.94366 (05100924)	11.96060 (05122924)	12.54868 (05122924)	12.79498 (05122924)
3757031.3	11.26257 (05100924)	11.16281 (05122924)	11.72462 (05122924)	11.99964 (05122924)	11.90769 (05122924)
3757001.3	10.44203 (05122924)	10.97597 (05122924)	11.26845 (05122924)	11.25002 (05122924)	10.86821 (05122924)
3756971.3	10.29415 (05122924)	10.59507 (05122924)	10.63307 (05122924)	10.35873 (05122924)	9.74412 (05122924)

*** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 *** *** 06/29/10
*** 14:44:27
PAGE 25

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372270.44	372300.44	372330.44	372360.44	372390.44
3758441.3	6.47503 (05082524)	6.06563 (05082524)	5.74331 (05101024)	5.68144 (05101024)	5.73626 (06090524)
3758411.3	7.16916 (06062824)	6.77136 (05082524)	6.19767 (05082524)	6.02528 (05101024)	5.83907 (07030924)
3758381.3	7.94259 (06062824)	7.42974 (06062824)	7.04936 (05082524)	6.28412 (05082524)	6.23536 (05101024)
3758351.3	8.43206 (06062824)	8.31992 (06062824)	7.84416 (05082524)	7.30169 (05082524)	6.53581 (05101024)
3758321.3	8.58004 (06062824)	8.91301 (06062824)	8.72519 (06062824)	8.26555 (05082524)	7.51993 (05082524)
3758291.3	8.38559 (06062824)	9.13612 (06062824)	9.43841 (06062824)	9.16308 (06062824)	8.68272 (05082524)
3758261.3	7.88988 (06062824)	8.98324 (06062824)	9.74899 (06062824)	10.01597 (06062824)	9.71284 (05082524)
3758231.3	7.14550 (06062824)	8.50017 (06062824)	9.64492 (06062824)	10.43007 (06062824)	10.65669 (06062824)
3758201.3	6.77544m(05010924)	7.74465 (06062824)	9.17860 (06062824)	10.38389 (06062824)	11.19397 (06062824)
3758171.3	6.57750 (06092024)	7.34296m(05010924)	8.41557 (06062824)	9.93901 (06062824)	11.21588 (06062824)
3758141.3	6.49375 (07080524)	7.18989 (06092024)	7.99073m(05010924)	9.17150 (06062824)	10.79667 (06062824)
3758111.3	7.40796 (06110124)	7.26558 (06110124)	7.86246 (06092024)	8.73653m(05010924)	10.03961m(05010924)
3758081.3	7.75031 (06110124)	7.96289 (06110124)	8.29493 (05021824)	8.63808 (05021824)	9.60146m(05010924)
3758051.3	8.33684 (06090824)	8.58888 (06090824)	9.08688 (05021824)	9.60498 (05021824)	10.06614 (05021824)
3758021.3	9.04662 (06090824)	9.52599 (06090824)	9.91721 (06090824)	10.51572 (05021824)	11.21476 (05021824)
3757991.3	9.74660 (07020624)	10.14178 (06090824)	10.83861 (06090824)	11.45476 (06090824)	12.24678 (05021824)
3757961.3	11.25997 (07020624)	11.51968 (07020624)	11.71362 (07020624)	12.16945 (06090824)	13.10288 (06090824)
3757931.3	11.88979 (07020624)	12.41050 (07020624)	12.93258 (07020624)	13.46371 (07020624)	14.00037 (07020624)
3757901.3	12.13854 (07020624)	12.83366 (07020624)	13.52368 (07020624)	14.23764 (07020624)	15.00674 (07020624)
3757871.3	12.31438 (07020624)	13.25252 (07020624)	14.17403 (07020624)	15.09722 (07020624)	16.06069 (07020624)
3757841.3	12.49204 (05122624)	13.57839 (07020624)	14.82769 (07020624)	16.09664 (07020624)	17.39857 (07020624)
3757811.3	14.58703 (05122624)	15.47023 (05122624)	16.46238 (05122624)	17.58725 (05122624)	19.23638 (07112524)
3757781.3	15.74838 (05122624)	16.63606 (05122624)	17.61896 (05122624)	18.72316 (07112524)	20.61022 (07112524)
3757751.3	16.16352m(05012424)	17.74165m(05012424)	19.52356m(05012424)	21.52609m(05012424)	23.76733m(05012424)

Site #15 – Localized PM2.5 Concentrations

3757721.3	18.97543m(05012424)	20.57112m(05012424)	22.29606m(05012424)	24.16576m(05012424)	26.21472m(05012424)
3757691.3	20.70752m(05012424)	22.18479m(05012424)	23.77180m(05012424)	25.51674m(05012424)	27.50296m(05012424)
3757661.3	21.22153m(05012424)	22.63604m(05012424)	24.22238m(05012424)	26.05787m(05012424)	28.24598m(05012424)
3757631.3	20.70427m(05012424)	22.12509m(05012424)	23.80212m(05012424)	25.81687m(05012424)	28.24955m(05012424)
3757601.3	19.66156m(05012424)	21.07237m(05012424)	22.76534m(05012424)	24.79045m(05012424)	27.17342m(05012424)
3757571.3	19.53702 (06012524)	21.29153 (06012524)	23.31191 (06012524)	25.55627 (06012524)	27.95764 (06012524)
3757541.3	20.38830 (06012524)	22.12781 (06012524)	23.99403 (06012524)	25.91490 (06012524)	28.27831 (05121124)
3757511.3	20.41844 (06012524)	21.82483 (06012524)	24.12772 (05121124)	26.71757 (05121124)	29.33414 (05121124)
3757481.3	20.78641 (05121124)	22.89274 (05121124)	25.01553 (05121124)	27.06846 (05121124)	28.96178 (05121124)
3757451.3	21.46898 (05121124)	23.12137 (05121124)	24.61542 (05121124)	25.85065 (05121124)	26.91327 (06123024)
3757421.3	21.08576 (05121124)	22.08026 (05121124)	22.77570 (05121124)	24.57184 (06123024)	27.13748 (06123024)
3757391.3	19.62312 (05121124)	20.42706 (05110524)	22.45018 (05110524)	24.44708 (06123024)	26.18085 (06123024)
3757361.3	19.00861 (05110524)	20.74824 (05110524)	22.19761 (05110524)	23.31465 (06123024)	24.99672 (05120824)
3757331.3	19.23072 (05110524)	20.39156 (05110524)	21.28478 (05120824)	22.69589 (05120824)	23.69761 (05120824)
3757301.3	18.75467 (05110524)	19.64039 (05120824)	20.70527 (05100924)	21.54134 (05100924)	21.73225 (05100924)
3757271.3	18.15646 (05120824)	19.03711 (05100924)	19.72026 (05100924)	19.83569 (05100924)	20.93386 (05122924)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	372270.44	372300.44	372330.44	372360.44	372390.44
3757241.3	17.56628 (05100924)	18.13837 (05100924)	18.20905 (05100924)	19.13941 (05122924)	19.70875 (05122924)
3757211.3	16.75857 (05100924)	16.80205 (05100924)	17.56437 (05122924)	18.17363 (05122924)	17.95183 (05122924)
3757181.3	15.57626 (05100924)	16.17270 (05122924)	16.80199 (05122924)	16.73472 (05122924)	15.83662 (05122924)
3757151.3	14.93646 (05122924)	15.57036 (05122924)	15.62027 (05122924)	14.96243 (05122924)	13.56505 (05122924)
3757121.3	14.46051 (05122924)	14.59799 (05122924)	14.13344 (05122924)	13.02197 (05122924)	11.31311 (05122924)
3757091.3	13.65911 (05122924)	13.34860 (05122924)	12.47494 (05122924)	11.05871 (05122924)	10.83702 (07120924)
3757061.3	12.60698 (05122924)	11.93016 (05122924)	10.76561 (05122924)	9.89470 (05112824)	10.58140 (06120424)
3757031.3	11.39316 (05122924)	10.44331 (05122924)	9.19863 (05112824)	9.58091 (07120924)	10.45080 (06120424)
3757001.3	10.10018 (05122924)	9.96811 (05122924)	8.86310 (05112824)	9.40900 (06120424)	10.21579 (06120424)
3756971.3	8.79702 (05122924)	8.31862 (05112824)	8.51530 (07120924)	9.29036 (06120424)	9.89456 (06120424)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	372420.44	372450.44	372480.44	372510.44	372540.44
3758441.3	7.44992 (06090524)	8.99110 (06090524)	9.98599 (06090524)	10.28472 (06090524)	10.07268 (06090524)
3758411.3	7.03308 (06090524)	8.82299 (06090524)	10.19670 (06090524)	10.86047 (06090524)	10.87938 (06090524)
3758381.3	6.53517 (06090524)	8.51146 (06090524)	10.25087 (06090524)	11.33660 (06090524)	11.67315 (06090524)
3758351.3	6.58592 (07030924)	8.06885 (06090524)	10.13108 (06090524)	11.67386 (06090524)	12.41775 (06090524)
3758321.3	6.85989 (05101024)	7.51720 (06090524)	9.83296 (06090524)	11.83575 (06090524)	13.07090 (06090524)
3758291.3	7.69503 (05082524)	7.46559 (07030924)	9.36492 (06090524)	11.79106 (06090524)	13.58177 (06090524)
3758261.3	9.09200 (05082524)	7.81955 (05082524)	8.74916 (06090524)	11.52190 (06090524)	13.90002 (06090524)
3758231.3	10.34745 (05082524)	9.48704 (05082524)	8.50903 (07030924)	11.02947 (06090524)	13.97139 (06090524)
3758201.3	11.37390 (06062824)	11.01671 (05082524)	9.86206 (05082524)	10.33365 (06090524)	13.75726 (06090524)
3758171.3	12.06154 (06062824)	12.26301 (05082524)	11.72994 (05082524)	10.21629 (05082524)	13.24218 (06090524)
3758141.3	12.16526 (06062824)	13.06165 (06062824)	13.27707 (05082524)	12.49755 (05082524)	12.44256 (06090524)
3758111.3	11.77520 (06062824)	13.26319 (06062824)	14.33563 (05082524)	14.42920 (05082524)	13.33579 (05082524)
3758081.3	11.12178m(05010924)	12.90660 (06062824)	14.63503 (05082524)	15.80912 (05082524)	15.78039 (05082524)
3758051.3	10.61564m(05010924)	12.40866m(05010924)	14.23751 (06062824)	16.32498 (05082524)	17.57416 (05082524)
3758021.3	11.85807 (05021824)	12.37664 (05021824)	13.96312m(05010924)	16.09899m(05010924)	18.35880 (05082524)
3757991.3	13.20910 (05021824)	14.13373 (05021824)	14.94016 (05021824)	15.87884m(05010924)	18.61188m(05010924)
3757961.3	14.34800 (05021824)	15.69437 (05021824)	17.05711 (05021824)	18.36024 (05021824)	19.52661 (05021824)
3757931.3	15.20724 (05021824)	16.91470 (05021824)	18.81332 (05021824)	20.85823 (05021824)	23.01893 (05021824)
3757901.3	15.86818 (05021824)	17.83551 (05021824)	20.16002 (05021824)	22.85456 (05021824)	25.95867 (05021824)
3757871.3	17.11551 (07020624)	18.52496 (05021824)	21.16466 (05021824)	24.37934 (05021824)	28.28308 (05021824)
3757841.3	18.78506 (07020624)	20.34083 (07020624)	22.18268 (07020624)	24.91888 (05021824)	29.24877 (05021824)
3757811.3	21.16285 (07112524)	23.39898 (07112524)	26.08418 (07112524)	29.45213 (07112524)	33.90776 (07112524)
3757781.3	22.78626 (07112524)	25.36576 (07112524)	28.61098m(05012424)	32.76349m(05012424)	38.10496 (07112524)
3757751.3	26.27300m(05012424)	29.09892m(05012424)	32.37263m(05012424)	36.35932m(05012424)	41.97053 (07112524)
3757721.3	28.51710m(05012424)	31.21438m(05012424)	34.53547m(05012424)	38.78883m(05012424)	45.00710 (07112524)
3757691.3	29.86026m(05012424)	32.76365m(05012424)	36.40177m(05012424)	40.91922m(05012424)	46.66187 (07112524)
3757661.3	30.90362m(05012424)	34.13496m(05012424)	37.99374m(05012424)	42.49962m(05012424)	47.73458m(05012424)
3757631.3	31.15700m(05012424)	34.55291m(05012424)	38.42650m(05012424)	42.80778m(05012424)	47.85340m(05012424)
3757601.3	29.90999m(05012424)	32.98538m(05012424)	37.02794 (07010324)	41.40735 (07010324)	46.61809 (05121724)
3757571.3	30.50714 (07010324)	33.87239 (07010324)	37.49607 (05121124)	41.87368 (05121724)	47.30456 (05121724)
3757541.3	31.44237 (05121124)	34.68290 (05121124)	38.03459 (05121124)	41.72264 (05121724)	47.43975 (05111724)
3757511.3	31.91602 (05121124)	34.42878 (05121124)	37.05910 (06123024)	42.09988 (06123024)	47.21828 (06123024)
3757481.3	30.60544 (05121124)	33.42238 (06123024)	37.37440 (06123024)	41.01311 (06123024)	44.28166 (05120824)
3757451.3	30.12219 (06123024)	33.17207 (06123024)	35.69910 (06123024)	38.44261 (05120824)	41.79755 (05120824)
3757421.3	29.45380 (06123024)	31.17895 (06123024)	33.70075 (05120824)	35.89122 (05120824)	36.37667 (05120824)
3757391.3	27.63867 (05120824)	29.77664 (05120824)	31.15751 (05120824)	31.66785 (05122924)	31.63144 (05122924)
3757361.3	26.48494 (05120824)	27.29361 (05120824)	28.23345 (05122924)	28.37680 (05122924)	26.43070 (05122924)
3757331.3	24.10409 (05120824)	25.39560 (05122924)	25.69101 (05122924)	24.27798 (05122924)	23.03597 (05011824)
3757301.3	22.99651 (05122924)	23.41232 (05122924)	22.41312 (05122924)	20.30468 (05011824)	21.48147 (06120424)
3757271.3	21.44020 (05122924)	20.76523 (05122924)	18.74913 (05122924)	18.44217 (06120424)	20.52783 (06120424)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)

Site #15 – Localized PM2.5 Concentrations

(METERS)	372420.44	372450.44	372480.44	372510.44	372540.44
3757241.3	19.28850 (05122924)	17.72645 (05122924)	16.22591 (05011824)	18.00725 (06120424)	19.23290 (06120424)
3757211.3	16.75728 (05122924)	14.71264 (05011824)	15.72667 (06120424)	17.24668 (06120424)	17.73128 (06120424)
3757181.3	14.09621 (05122924)	13.77532 (07120924)	15.34170 (06120424)	16.25540 (06120424)	16.13465 (06120424)
3757151.3	12.33743 (07120924)	13.58066 (06120424)	14.73317 (06120424)	15.11728 (06120424)	14.53095 (06120424)
3757121.3	11.99363 (06120424)	13.24950 (06120424)	13.96233 (06120424)	13.90191 (06120424)	13.14836 (05020424)
3757091.3	11.85600 (06120424)	12.76083 (06120424)	13.08263 (06120424)	12.66701 (06120424)	12.88967 (05020424)
3757061.3	11.57655 (06120424)	12.15324 (06120424)	12.13914 (06120424)	11.45134 (06120424)	12.49748 (05020424)
3757031.3	11.18129 (06120424)	11.46236 (06120424)	11.16938 (06120424)	10.99673 (05020424)	12.00393 (05020424)
3757001.3	10.69708 (06120424)	10.71668 (06120424)	10.20177 (06120424)	10.78495 (05020424)	11.43876 (05020424)
3756971.3	10.14631 (06120424)	9.94258 (06120424)	9.44887 (05020424)	10.48099 (05020424)	10.82847 (05020424)

*** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 *** *** 06/29/10
*** *** 14:44:27
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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372570.44	372600.44	372630.44	372660.44	372690.44
3758441.3	9.71894 (06090524)	9.47762 (06090524)	9.42869 (06091124)	8.84245 (06091124)	9.18102 (07050924)
3758411.3	10.59365 (06090524)	10.30938 (06090524)	10.03014 (06091124)	9.56228 (06091124)	9.61772 (07030724)
3758381.3	11.53690 (06090524)	11.26259 (06090524)	10.90615 (06090524)	10.33989 (06091124)	10.22045 (07030724)
3758351.3	12.52607 (06090524)	12.33512 (06090524)	11.95042 (06090524)	11.18855 (06090524)	10.88596 (07030724)
3758321.3	13.52594 (06090524)	13.51466 (06090524)	13.16509 (06090524)	12.31768 (06090524)	11.62408 (07030724)
3758291.3	14.49876 (06090524)	14.77460 (06090524)	14.55667 (06090524)	13.65833 (06090524)	12.44542 (07030724)
3758261.3	15.39606 (06090524)	16.08198 (06090524)	16.11748 (06090524)	15.24998 (06090524)	13.60676 (06091124)
3758231.3	16.15670 (06090524)	17.39464 (06090524)	17.82491 (06090524)	17.12242 (06090524)	15.12734 (06090524)
3758201.3	16.71033 (06090524)	18.66082 (06090524)	19.64333 (06090524)	19.28782 (06090524)	17.18858 (06090524)
3758171.3	16.97052 (06090524)	19.81212 (06090524)	21.52981 (06090524)	21.73638 (06090524)	19.69835 (06090524)
3758141.3	16.85806 (06090524)	20.75081 (06090524)	23.43045 (06090524)	24.44254 (06090524)	22.71586 (06090524)
3758111.3	16.32507 (06090524)	21.34499 (06090524)	25.27152 (06090524)	27.37504 (06090524)	26.28072 (06090524)
3758081.3	15.38088 (06090524)	21.43974 (06090524)	26.93428 (06090524)	30.49843 (06090524)	30.41987 (06090524)
3758051.3	17.75851 (06062824)	20.91632 (06090524)	28.22675 (06090524)	33.77059 (06090524)	35.19379 (06090524)
3758021.3	20.03540 (06062824)	20.77301 (06062824)	28.85634 (06090524)	37.09753 (06090524)	40.72568 (06090524)
3757991.3	21.28756m(05010924)	23.80685 (06062824)	28.51196 (06090524)	40.26047 (06090524)	47.22677 (06090524)
3757961.3	21.95957m(05010924)	25.92944m(05010924)	29.90973 (06062824)	42.81675 (06090524)	55.13596 (06090524)
3757931.3	25.27650 (05021824)	27.54963 (05021824)	33.22123m(05010924)	44.37351 (06090524)	65.81644 (06090524)
3757901.3	29.60160 (05021824)	34.06098 (05021824)	39.78129 (05021824)	46.93417 (05021824)	83.53068 (06090524)
3757871.3	33.12538 (05021824)	39.49276 (05021824)	48.79170 (05021824)	65.09610 (05021824)	119.64902 (05021824)
3757841.3	34.72075 (05021824)	41.94804 (05021824)	52.84775 (07112524)	78.03806 (07112524)	170.16084 (07112524)
3757811.3	40.18174 (07112524)	49.68547 (07112524)	65.57927 (07112524)	95.61555 (07112524)	187.96549 (07112524)
3757781.3	45.77070 (07112524)	57.12001 (07112524)	74.84587 (07112524)	104.99818 (07112524)	195.85354 (07112524)
3757751.3	50.66290 (07112524)	62.90755 (07112524)	80.70989 (07112524)	109.99823 (07112524)	199.48911 (07112524)
3757721.3	54.33532 (07112524)	66.72524 (07112524)	84.04282 (07112524)	112.45841 (07112524)	200.92472 (07112524)
3757691.3	56.23352 (07112524)	68.49052 (07112524)	85.38959 (07112524)	113.24620 (07112524)	201.21009 (07112524)
3757661.3	55.84668 (07112524)	67.84942 (07112524)	84.58096 (07112524)	112.42744 (07112524)	200.55771 (07112524)
3757631.3	53.94577m(05012424)	64.42708 (07112524)	80.70510 (07112524)	108.73296 (07112524)	197.67726 (07112524)
3757601.3	53.63541 (05121724)	64.12867 (05111724)	80.63710 (05120824)	107.30810 (05120824)	188.11206 (05120824)
3757571.3	54.97753 (05111724)	65.15854 (05111724)	78.78327 (05120824)	102.93469 (05120824)	168.27202 (05120824)
3757541.3	54.50924 (05111724)	62.60301 (06123024)	74.63005 (05120824)	88.49284 (05120824)	102.98086 (06121824)
3757511.3	52.20222 (06123024)	59.60910 (05120824)	65.28403 (05120824)	71.43152 (06121824)	73.74283 (06121824)
3757481.3	49.38324 (05120824)	52.01962 (05120824)	53.28755 (06121824)	57.41889 (06121824)	55.99151 (06010524)
3757451.3	43.02334 (05120824)	41.68720 (06121824)	45.07390 (06121824)	46.21198 (06010524)	44.75604 (06010524)
3757421.3	35.72871 (05122924)	36.16645 (06121824)	37.55317 (06010524)	39.21412 (06010524)	41.06326 (07081524)
3757391.3	30.29112 (05011824)	31.21143 (07120924)	33.39773 (06010524)	33.15538 (06010524)	38.25708 (07081524)
3757361.3	26.38864 (05011824)	28.76853 (06120424)	29.39844 (06010524)	28.41416 (05020424)	35.86142 (07081524)
3757331.3	24.94528 (06120424)	25.92080 (06120424)	25.70953 (06010524)	25.55230 (05020424)	33.76928 (07081524)
3757301.3	23.21709 (06120424)	23.04839 (06010524)	23.15239 (05020424)	22.83009 (05020424)	31.90636 (07081524)
3757271.3	21.18556 (06120424)	20.61979 (06010524)	21.46333 (05020424)	20.26677 (05020424)	30.22073 (07081524)

*** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 *** *** 06/29/10
*** *** 14:44:27
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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372570.44	372600.44	372630.44	372660.44	372690.44
3757241.3	19.03541 (06120424)	19.00489 (05020424)	19.70833 (05020424)	18.01058 (06112824)	28.67453 (07081524)
3757211.3	16.97848 (06010524)	18.03710 (05020424)	17.94847 (05020424)	17.07938 (07081524)	27.24164 (07081524)
3757181.3	15.73402 (05020424)	16.93431 (05020424)	16.23830 (05020424)	16.74205 (07081524)	25.90303 (07081524)
3757151.3	15.20747 (05020424)	15.75506 (05020424)	14.61418 (05020424)	16.37612 (07081524)	24.64675 (07081524)
3757121.3	14.53503 (05020424)	14.54934 (05020424)	13.26640 (06112824)	15.98478 (07081524)	23.46506 (07081524)
3757091.3	13.76229 (05020424)	13.35622 (05020424)	12.57068 (05102624)	15.57381 (07081524)	22.35270 (07081524)
3757061.3	12.92930 (05020424)	12.20394 (05020424)	12.01116 (05102624)	15.14766 (07081524)	21.30817 (07081524)
3757031.3	12.06809 (05020424)	11.11337 (05020424)	11.43770 (05102624)	14.71044 (07081524)	20.32827 (07081524)
3757001.3	11.20761 (05020424)	10.27461 (06112824)	10.86338 (05102624)	14.26835 (07081524)	19.41208 (07081524)
3756971.3	10.36568 (05020424)	9.84902 (05102624)	10.29493 (05102624)	13.82440 (07081524)	18.55716 (07081524)

*** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 *** *** 06/29/10
*** *** 14:44:27
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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372720.44	372750.44	372780.44	372810.44	372840.44

Site #15 – Localized PM2.5 Concentrations

3758441.3	11.71831 (07050924)	12.60045 (07050924)	11.49422 (07050924)	11.15563 (07083124)	12.23719 (07083124)
3758411.3	12.26522 (07050924)	13.24066 (07050924)	12.08223 (07050924)	12.05489 (07083124)	13.21878 (07083124)
3758381.3	12.85716 (07050924)	13.93533 (07050924)	12.72334 (07050924)	13.07511 (07083124)	14.31863 (07083124)
3758351.3	13.49999 (07050924)	14.69108 (07050924)	13.42529 (07050924)	14.23762 (07083124)	15.55289 (07083124)
3758321.3	14.20128 (07050924)	15.51554 (07050924)	14.19672 (07050924)	15.56769 (07083124)	16.93949 (07083124)
3758291.3	14.97008 (07050924)	16.41863 (07050924)	15.04766 (07050924)	17.09642 (07083124)	18.49760 (07083124)
3758261.3	15.81806 (07050924)	17.41145 (07050924)	16.16104 (07083124)	18.86074 (07083124)	20.25040 (07083124)
3758231.3	16.75898 (07050924)	18.50792 (07050924)	17.91562 (07083124)	20.90492 (07083124)	22.22080 (07083124)
3758201.3	17.81131 (07050924)	19.72560 (07050924)	19.99218 (07083124)	23.28093 (07083124)	24.43512 (07083124)
3758171.3	18.99902 (07050924)	21.08695 (07050924)	22.46942 (07083124)	26.05231 (07083124)	26.92026 (07083124)
3758141.3	20.35345 (07050924)	22.62088 (07050924)	25.44758 (07083124)	29.29504 (07083124)	29.70381 (07083124)
3758111.3	22.35042 (06090524)	24.36744 (07050924)	29.05619 (07083124)	33.10118 (07083124)	32.82091 (07083124)
3758081.3	26.61258 (06090524)	26.38416 (07050924)	33.46254 (07083124)	37.58802 (07083124)	36.32149 (07083124)
3758051.3	31.93881 (06090524)	29.62503 (07083124)	38.88576 (07083124)	42.91985 (07083124)	40.30736 (07083124)
3758021.3	38.53443 (06090524)	35.28703 (07083124)	45.63121 (07083124)	49.38649 (07083124)	44.98376 (07083124)
3757991.3	46.78771 (06090524)	42.93345 (07083124)	54.17724 (07083124)	57.55775 (07083124)	50.69346 (07083124)
3757961.3	57.53509 (06090524)	54.92560 (06090524)	65.50264 (07083124)	68.57478 (07083124)	57.90185 (07083124)
3757931.3	72.96596 (06090524)	72.67716 (06090524)	81.96245 (07083124)	84.75217 (07083124)	67.22469 (07083124)
3757901.3	102.11361 (06090524)	104.65241 (06090524)	110.43805 (07083124)	112.90521 (07083124)	84.60825 (07071524)
3757871.3	243.21626 (06090524)	253.01457 (05082924)	258.57028 (05082924)	249.32220 (05082924)	144.61031 (06101024)
3757841.3	276.71950 (06121424)	277.93599 (06121424)	265.01401 (06121424)	280.21333 (07111824)	161.69649 (07111824)
3757811.3	290.40024 (06121424)	288.20871 (06121424)	269.21875 (06121424)	284.01625 (07111824)	166.60945 (07111824)
3757781.3	295.65199 (06121424)	290.20540 (06121424)	279.47208 (07013024)	282.62928 (07111824)	165.66972 (07111824)
3757751.3	296.53245 (06121424)	289.95052 (06121424)	284.19901 (07013024)	280.16652 (07111824)	162.81314 (07111824)
3757721.3	295.10242 (06121424)	291.14995 (05010124)	286.61214 (07013024)	276.91654 (07111824)	161.54220 (06101024)
3757691.3	294.75913 (05010124)	293.71770 (05010124)	287.80841 (07013024)	274.05554 (05111024)	159.76153 (06101024)
3757661.3	296.97616 (05010124)	294.98350 (05010124)	287.95607 (07013024)	267.63746 (05111024)	154.44393 (05102324)
3757631.3	298.08557 (05010124)	293.96807 (05010124)	285.57425 (07013024)	260.43168 (07013024)	147.22676 (05102324)
3757601.3	295.54628 (05010124)	288.44117 (05010124)	276.78963 (07013024)	251.72887 (07081524)	134.62581 (06051424)
3757571.3	218.68196 (07081524)	228.04271 (07081524)	225.53972 (07081524)	206.85117 (07081524)	84.26792 (05040924)
3757541.3	130.21702 (07081524)	140.18190 (07081524)	137.44747 (07081524)	117.59215 (07081524)	58.50596 (05120324)
3757511.3	102.68361 (07081524)	112.80604 (07081524)	109.68107 (07081524)	89.83828 (07081524)	48.46103 (05120324)
3757481.3	86.33359 (07081524)	96.07030 (07081524)	92.63363 (07081524)	73.91951 (07081524)	40.76756 (05120324)
3757451.3	75.00267 (07081524)	84.06198 (07081524)	80.41014 (07081524)	63.32632 (07081524)	34.57189 (05120324)
3757421.3	66.50542 (07081524)	74.74401 (07081524)	71.00508 (07081524)	55.66662 (07081524)	29.40626 (05120324)
3757391.3	59.80484 (07081524)	67.16935 (07081524)	63.49317 (07081524)	49.81104 (07081524)	25.81666 (07081524)
3757361.3	54.32649 (07081524)	60.82913 (07081524)	57.35389 (07081524)	45.15275 (07081524)	24.47303 (07081524)
3757331.3	49.72303 (07081524)	55.42483 (07081524)	52.24700 (07081524)	41.33756 (07081524)	23.27403 (07081524)
3757301.3	45.77282 (07081524)	50.76480 (07081524)	47.93134 (07081524)	38.13997 (07081524)	22.19449 (07081524)
3757271.3	42.32774 (07081524)	46.71852 (07081524)	44.23573 (07081524)	35.40954 (07081524)	21.21507 (07081524)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372720.44	372750.44	372780.44	372810.44	372840.44
3757241.3	39.28831 (07081524)	43.18566 (07081524)	41.03242 (07081524)	33.04291 (07081524)	20.32033 (07081524)
3757211.3	36.58532 (07081524)	40.08685 (07081524)	38.22705 (07081524)	30.96665 (07081524)	19.49641 (07081524)
3757181.3	34.16786 (07081524)	37.35653 (07081524)	35.74905 (07081524)	29.12570 (07081524)	18.73594 (07081524)
3757151.3	31.99919 (07081524)	34.93829 (07081524)	33.54259 (07081524)	27.47956 (07081524)	18.02792 (07081524)
3757121.3	30.04812 (07081524)	32.78675 (07081524)	31.56564 (07081524)	25.99620 (07081524)	17.36663 (07081524)
3757091.3	28.28958 (07081524)	30.86198 (07081524)	29.78298 (07081524)	24.65151 (07081524)	16.74629 (07081524)
3757061.3	26.70114 (07081524)	29.13187 (07081524)	28.16811 (07081524)	23.42567 (07081524)	16.16243 (07081524)
3757031.3	25.26402 (07081524)	27.56937 (07081524)	26.69860 (07081524)	22.30329 (07081524)	15.61120 (07081524)
3757001.3	23.96050 (07081524)	26.15131 (07081524)	25.35650 (07081524)	21.27169 (07081524)	15.08965 (07081524)
3756971.3	22.77507 (07081524)	24.85968 (07081524)	24.12630 (07081524)	20.32061 (07081524)	14.59508 (07081524)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372870.44	372900.44	372930.44	372960.44	372990.44
3758441.3	12.89421 (07083124)	13.00372 (07083124)	12.49628 (07083124)	11.40395 (07083124)	9.86976 (07083124)
3758411.3	13.85305 (07083124)	13.82568 (07083124)	13.09512 (07083124)	11.73886 (07083124)	10.45320 (05052624)
3758381.3	14.90039 (07083124)	14.69257 (07083124)	13.69145 (07083124)	12.03174 (07083124)	11.30184 (05052624)
3758351.3	16.04456 (07083124)	15.59984 (07083124)	14.27239 (07083124)	12.26813 (07083124)	12.11588 (05052624)
3758321.3	17.28888 (07083124)	16.54151 (07083124)	14.82280 (07083124)	12.64217 (05052624)	12.87204 (05052624)
3758291.3	18.63775 (07083124)	17.50550 (07083124)	15.32286 (07083124)	13.80069 (05052624)	13.54724 (05052624)
3758261.3	20.09535 (07083124)	18.47550 (07083124)	15.74795 (07083124)	14.92409 (05052624)	14.11853 (05052624)
3758231.3	21.65641 (07083124)	19.42980 (07083124)	16.07244 (07083124)	15.97616 (05052624)	14.63156 (07071524)
3758201.3	23.31664 (07083124)	20.33676 (07083124)	17.42062 (05052624)	16.91560 (05052624)	16.99034 (07071524)
3758171.3	25.05957 (07083124)	21.16354 (07083124)	19.05779 (05052624)	17.69710 (05052624)	19.10726 (07071524)
3758141.3	26.86678 (07083124)	21.87437 (07083124)	20.60243 (05052624)	20.16533 (07071524)	20.79104 (07071524)
3758111.3	28.71700 (07083124)	23.06603 (05052624)	21.97374 (05052624)	22.79913 (07071524)	21.91872 (07071524)
3758081.3	30.59777 (07083124)	25.65610 (05052624)	24.67441 (07071524)	24.95022 (07071524)	22.52749 (07071524)
3758051.3	32.50866 (07083124)	28.16861 (05052624)	28.26285 (07071524)	26.52322 (07071524)	22.82719 (07071524)
3758021.3	34.44057 (07083124)	31.89336 (07071524)	31.37907 (07071524)	27.65495 (07071524)	25.90307 (07092824)
3757991.3	38.42223 (05052624)	37.53240 (07071524)	33.89154 (07071524)	30.83338 (07092824)	32.75837 (06101024)
3757961.3	45.85819 (07071524)	42.57695 (07071524)	37.89560 (07092824)	41.28235 (06101024)	41.41917 (06101024)
3757931.3	56.44138 (07071524)	51.99780 (06101024)	52.65065 (06101024)	49.40569 (06101024)	45.40940 (06101024)
3757901.3	77.03594 (06101024)	68.13210 (06101024)	59.06624 (06101024)	52.16934 (06101024)	46.80895 (06101024)
3757871.3	92.66206 (06101024)	73.21811 (06101024)	61.77385 (06101024)	53.88382 (06101024)	47.83870 (06101024)
3757841.3	96.72305 (06101024)	75.97010 (06101024)	63.69584 (06101024)	55.10048 (06101024)	48.28624 (06101024)
3757811.3	98.16539 (06101024)	76.55013 (06101024)	63.99665 (06101024)	54.82506 (06101024)	47.11390 (06101024)
3757781.3	99.78148 (06101024)	76.56936 (06101024)	62.95966 (06101024)	52.68643 (06101024)	43.68966 (06101024)
3757751.3	100.75258 (06101024)	76.10426 (06101024)	60.21655 (06101024)	48.03656 (06101024)	39.62408 (05081824)
3757721.3	100.08577 (06101024)	73.28052 (06101024)	55.37658 (05102324)	45.63270 (05081824)	39.63815 (05081824)
3757691.3	95.46709 (06101024)	70.26960 (06051424)	56.11257 (06051424)	45.78374 (06051424)	37.76701 (06051424)
3757661.3	90.61740 (06051424)	68.38611 (06051424)	55.18679 (06051424)	46.15658 (06051424)	39.22879 (06051424)
3757631.3	86.59209 (06051424)	65.19512 (06051424)	53.29146 (06051424)	45.30977 (06051424)	39.17172 (06051424)
3757601.3	78.84093 (06051424)	59.68953 (06051424)	48.92861 (06051424)	41.71016 (06051424)	36.31150 (06051424)
3757571.3	56.92390 (06051424)	46.04353 (06051424)	39.32264 (06051424)	34.58629 (06051424)	30.93333 (06051424)

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3757541.3 |     44.60572 (05040924)     36.60950 (05040924)     30.16880 (05040924)     26.02746 (06051424)     24.44750 (06051424)
3757511.3 |     34.62253 (05120324)     30.99796 (05040924)     27.02106 (05040924)     23.24668 (05040924)     20.08683 (05012924)
3757481.3 |     32.79515 (05120324)     25.36035 (05040924)     23.55471 (05040924)     21.17894 (05040924)     18.73260 (05040924)
3757451.3 |     29.99819 (05120324)     23.55338 (05120324)     19.93794 (05040924)     18.75190 (05040924)     17.20445 (05040924)
3757421.3 |     26.95882 (05120324)     22.75244 (05120324)     18.60146 (05061324)     16.24031 (05040924)     15.39633 (05040924)
3757391.3 |     23.97300 (05120324)     21.38756 (05120324)     17.59705 (05120324)     15.16984 (05061324)     13.58163 (05040924)
3757361.3 |     21.16827 (05120324)     19.73305 (05120324)     17.14647 (05120324)     14.57726 (05061324)     12.52731 (05061324)
3757331.3 |     18.61363 (05120324)     17.97130 (05120324)     16.33102 (05120324)     13.84775 (05120324)     12.27755 (05061324)
3757301.3 |     16.34773 (05120324)     16.22018 (05120324)     15.28958 (05120324)     13.55763 (05120324)     11.78080 (05061324)
3757271.3 |     14.81767 (07120824)     14.55939 (05120324)     14.13289 (05120324)     13.01463 (05120324)     11.27708 (05120324)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***       06/29/10
                                  ***                                                                    ***       14:44:27
                                                                                                                   PAGE  34

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |      372870.44              372900.44              372930.44              372960.44              372990.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |     13.95389 (07120824)     13.03718 (05120324)     12.94591 (05120324)     12.30155 (05120324)     11.07313 (05120324)
3757211.3 |     13.09117 (07120824)     11.67842 (05120324)     11.79100 (05120324)     11.48966 (05120324)     10.68691 (05120324)
3757181.3 |     12.24964 (07120824)     11.21575 (07120824)     10.70805 (05120324)     10.63967 (05120324)     10.17074 (05120324)
3757151.3 |     11.44312 (07120824)     10.80106 (07120824)      9.71999 (05120324)      9.79683 (05120324)      9.57425 (05120324)
3757121.3 |     10.67803 (07120824)     10.35495 (07120824)      8.83572 (05120324)      8.99280 (05120324)      8.94070 (05120324)
3757091.3 |      9.95777 (07120824)      9.89537 (07120824)      8.59029 (07120824)      8.24697 (05120324)      8.30316 (05120324)
3757061.3 |      9.64226 (07081524)      9.43331 (07120824)      8.40492 (07120824)      7.77790 (05091724)      7.68697 (05120324)
3757031.3 |      9.52857 (07081524)      8.97749 (07120824)      8.19004 (07120824)      7.57103 (05091724)      7.10693 (05120324)
3757001.3 |      9.40640 (07081524)      8.53252 (07120824)      7.95573 (07120824)      7.26534 (05091724)      6.74689 (05091724)
3756971.3 |      9.27778 (07081524)      8.09922 (07120824)      7.70991 (07120824)      6.88120 (05091724)      6.75148 (05091724)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***       06/29/10
                                  ***                                                                    ***       14:44:27
                                                                                                                   PAGE  35

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |      373020.44              373050.44              373080.44              373110.44              373140.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |     10.09971 (05052624)      9.74892 (05052624)      8.81567 (05052624)      9.94111 (07071524)     10.89056 (07071524)
3758411.3 |     10.66610 (05052624)     10.01487 (05052624)      9.72831 (07071524)     11.13741 (07071524)     11.61148 (07071524)
3758381.3 |     11.16999 (05052624)     10.21080 (05052624)     11.19184 (07071524)     12.16107 (07071524)     12.05461 (07071524)
3758351.3 |     11.59910 (05052624)     11.01916 (07071524)     12.54511 (07071524)     12.92126 (07071524)     12.17676 (07071524)
3758321.3 |     11.94042 (05052624)     12.71185 (07071524)     13.67517 (07071524)     13.34559 (07071524)     11.96947 (07071524)
3758291.3 |     12.61436 (07071524)     14.25565 (07071524)     14.47775 (07071524)     13.39625 (07071524)     11.46594 (07071524)
3758261.3 |     14.59479 (07071524)     15.51414 (07071524)     14.87757 (07071524)     13.08634 (07071524)     10.74213 (07071524)
3758231.3 |     16.37999 (07071524)     16.36927 (07071524)     14.85379 (07071524)     12.48486 (07071524)     11.07916 (07031824)
3758201.3 |     17.80784 (07071524)     16.75197 (07071524)     14.46031 (07071524)     12.13069 (07031824)     12.60345 (07092824)
3758171.3 |     18.74848 (07071524)     16.68292 (07071524)     13.82162 (07071524)     13.84213 (07092824)     13.93922 (07092824)
3758141.3 |     19.16514 (07071524)     16.28545 (07071524)     15.32359 (07092824)     15.42662 (07092824)     15.05322 (07092824)
3758111.3 |     19.15954 (07071524)     17.20282 (07031824)     17.22853 (07092824)     16.75827 (07092824)     17.29612 (06101024)
3758081.3 |     19.56930 (07031824)     19.45161 (07092824)     18.83955 (07092824)     20.37627 (06101024)     22.30175 (06101024)
3758051.3 |     22.25703 (07092824)     21.43002 (07092824)     24.19420 (06101024)     25.87851 (06101024)     26.58562 (06101024)
3758021.3 |     26.30342 (06101024)     28.89459 (06101024)     30.01125 (06101024)     30.01274 (06101024)     29.24710 (06101024)
3757991.3 |     34.60613 (06101024)     34.66517 (06101024)     33.64891 (06101024)     32.06398 (06101024)     30.17983 (06101024)
3757961.3 |     39.77863 (06101024)     37.47895 (06101024)     35.01737 (06101024)     32.52064 (06101024)     29.96429 (06101024)
3757931.3 |     41.68153 (06101024)     38.31999 (06101024)     35.18053 (06101024)     32.09748 (06101024)     28.96245 (06101024)
3757901.3 |     42.38208 (06101024)     38.44921 (06101024)     34.70135 (06101024)     30.96245 (06101024)     27.19044 (06101024)
3757871.3 |     42.74121 (06101024)     38.05447 (06101024)     33.49035 (06101024)     28.97276 (06101024)     24.57757 (06101024)
3757841.3 |     42.27985 (06101024)     36.59985 (06101024)     31.10128 (06101024)     25.86006 (06101024)     23.59633 (05081824)
3757811.3 |     40.03136 (06101024)     33.32070 (06101024)     28.21486 (05090224)     25.76860 (05081824)     23.86483 (05081824)
3757781.3 |     35.63107 (05102324)     31.53878 (05102324)     28.02577 (05102324)     25.44243 (05081824)     23.28562 (05081824)
3757751.3 |     34.80761 (05081824)     30.77265 (05081824)     27.34078 (05081824)     24.37476 (05081824)     22.09329 (05102324)
3757721.3 |     34.52978 (05081824)     29.99982 (05081824)     26.47307 (06060724)     23.83670 (06060724)     21.51358 (06060724)
3757691.3 |     32.39177 (06060724)     29.19242 (06060724)     26.51603 (06060724)     24.18988 (06060724)     22.11188 (06060724)
3757661.3 |     33.47822 (06051424)     28.58572 (06051424)     25.66453 (06060724)     23.59577 (06060724)     21.78478 (06060724)
3757631.3 |     33.99983 (06051424)     29.43574 (06051424)     25.38523 (06051424)     22.24791 (06060724)     20.65446 (06060724)
3757601.3 |     31.91758 (06051424)     28.09622 (06051424)     24.64608 (06051424)     21.50934 (06051424)     18.71697 (06060724)
3757571.3 |     27.89841 (06051424)     25.20621 (06051424)     22.69687 (06051424)     20.29978 (06051424)     18.01301 (06051424)
3757541.3 |     22.94810 (06051424)     21.46438 (06051424)     19.95422 (06051424)     18.39063 (06051424)     16.77596 (06051424)
3757511.3 |     18.02554 (06051424)     17.30974 (06051424)     16.56764 (06051424)     15.73969 (06051424)     14.79793 (06051424)
3757481.3 |     16.80526 (05012924)     15.04793 (05012924)     13.94303 (05070424)     13.34448 (06051424)     12.72447 (06051424)
3757451.3 |     15.70229 (05012924)     14.36049 (05012924)     12.98214 (05012924)     12.08498 (05070424)     11.73760 (05070424)
3757421.3 |     14.39328 (05012924)     13.55002 (05012924)     12.49922 (05012924)     11.37834 (05012924)     10.86356 (06051424)
3757391.3 |     12.94357 (05040924)     12.50806 (05012924)     11.87998 (05012924)     11.03991 (05012924)     10.24314 (06051424)
3757361.3 |     11.59376 (05040924)     11.14789 (05012924)     11.02008 (05012924)     10.54495 (05012924)      9.86517 (05012924)
3757331.3 |     10.47282 (05061324)     10.06045 (05040924)      9.87760 (05012924)      9.81341 (05012924)      9.45232 (05012924)
3757301.3 |     10.41478 (05061324)      9.05108 (05040924)      8.84605 (05040924)      8.83594 (05012924)      8.81517 (05012924)
3757271.3 |     10.15963 (05061324)      8.90528 (05061324)      8.03850 (05040924)      7.86236 (05040924)      7.96588 (05012924)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***       06/29/10
                                  ***                                                                    ***       14:44:27
                                                                                                                   PAGE  36

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |      373020.44              373050.44              373080.44              373110.44              373140.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      9.74921 (05061324)      8.80269 (05061324)      7.67238 (05061324)      7.20555 (05040924)      7.05062 (05040924)
3757211.3 |      9.41328 (05120324)      8.56687 (05061324)      7.66795 (05061324)      6.70595 (05031424)      6.50909 (05040924)
3757181.3 |      9.26192 (05120324)      8.22359 (05061324)      7.61362 (07021324)      6.73681 (07021324)      6.14008 (06071724)
```

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3757151.3 |      8.97401 (05120324)      8.00769 (05120324)      7.40260 (07021324)      6.80903 (07021324)      5.93548 (07021324)
3757121.3 |      8.58557 (05120324)      7.89051 (05120324)      7.04756 (07021324)      6.72743 (07021324)      6.07966 (07021324)
3757091.3 |      8.13210 (05120324)      7.66843 (05120324)      6.91555 (05120324)      6.51054 (07021324)      6.09121 (07021324)
3757061.3 |      7.64556 (05120324)      7.36720 (05120324)      6.86977 (05081524)      6.18692 (07021324)      5.97999 (07021324)
3757031.3 |      7.15027 (05120324)      7.01412 (05120324)      6.73291 (05081524)      6.14857 (05081524)      5.76515 (07021324)
3757001.3 |      6.66593 (05120324)      6.63108 (05120324)      6.45361 (05081524)      6.18429 (05081524)      5.47306 (07021324)
3756971.3 |      6.20457 (05120324)      6.23824 (05120324)      6.12553 (05120324)      6.07666 (05081524)      5.57227 (05081524)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***       06/29/10
                                  ***                                                                    ***       14:44:27
                                                                                                                   PAGE  37

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373170.44              373200.44              373230.44              373260.44              373290.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |     10.94533 (07071524)     10.17786 (07071524)      8.83295 (07071524)      7.21950 (07071524)      6.23084 (07031824)
3758411.3 |     11.12628 (07071524)      9.89377 (07071524)      8.24426 (07071524)      6.59429 (07031824)      6.92661 (07092824)
3758381.3 |     11.01573 (07071524)      9.38006 (07071524)      7.52568 (07071524)      7.32601 (07031824)      7.81255 (07092824)
3758351.3 |     10.62491 (07071524)      8.68794 (07071524)      7.83215 (07031824)      8.30984 (07092824)      8.59488 (07092824)
3758321.3 |      9.99982 (07071524)      8.39017 (07031824)      8.86998 (07092824)      9.19388 (07092824)      9.24536 (07092824)
3758291.3 |      9.21625 (07071524)      9.50455 (07092824)      9.87447 (07092824)      9.93606 (07092824)      9.75397 (07092824)
3758261.3 |     10.22884 (07092824)     10.65359 (07092824)     10.72486 (07092824)     10.52536 (07092824)     10.10007 (07092824)
3758231.3 |     11.55339 (07092824)     11.63396 (07092824)     11.41039 (07092824)     10.94239 (07092824)     11.34477 (06101024)
3758201.3 |     12.69245 (07092824)     12.43476 (07092824)     11.91099 (07092824)     12.82685 (06101024)     14.20317 (06101024)
3758171.3 |     13.63333 (07092824)     13.03659 (07092824)     14.59694 (06101024)     16.02528 (06101024)     17.06812 (06101024)
3758141.3 |     14.81356 (06101024)     16.71992 (06101024)     18.15417 (06101024)     19.10625 (06101024)     19.58242 (06101024)
3758111.3 |     19.26566 (06101024)     20.62057 (06101024)     21.37978 (06101024)     21.58361 (06101024)     21.28837 (06101024)
3758081.3 |     23.43757 (06101024)     23.86204 (06101024)     23.67683 (06101024)     22.98886 (06101024)     21.90768 (06101024)
3758051.3 |     26.50346 (06101024)     25.81662 (06101024)     24.68061 (06101024)     23.21422 (06101024)     21.51082 (06101024)
3758021.3 |     27.97760 (06101024)     26.36824 (06101024)     24.51338 (06101024)     22.47895 (06101024)     20.33454 (06101024)
3757991.3 |     28.09935 (06101024)     25.85434 (06101024)     23.47546 (06101024)     21.02082 (06101024)     18.57144 (06101024)
3757961.3 |     27.30654 (06101024)     24.54703 (06101024)     21.74094 (06101024)     18.98024 (06101024)     17.05234 (06052024)
3757931.3 |     25.75391 (06101024)     22.53299 (06101024)     19.64250 (06052024)     17.92034 (06052024)     16.27348 (06052024)
3757901.3 |     23.45617 (06101024)     20.72807 (06052024)     18.68727 (06052024)     17.50377 (05081824)     16.69374 (05081824)
3757871.3 |     21.70358 (06052024)     20.16646 (05081824)     19.06047 (05081824)     18.01789 (05081824)     17.01954 (05081824)
3757841.3 |     22.06142 (05081824)     20.65405 (05081824)     19.33664 (05081824)     18.08458 (05081824)     16.88603 (05081824)
3757811.3 |     22.12025 (05081824)     20.49051 (05081824)     18.95052 (05081824)     17.48906 (05081824)     16.10449 (05081824)
3757781.3 |     21.29443 (05081824)     19.43659 (05081824)     17.69749 (05081824)     16.27709 (05102324)     15.15560 (05102324)
3757751.3 |     20.34315 (05102324)     18.82170 (05102324)     17.44837 (05102324)     16.17820 (05102324)     14.98977 (05102324)
3757721.3 |     19.46477 (06060724)     17.68687 (05102324)     16.25609 (05102324)     14.94361 (05102324)     13.74251 (05102324)
3757691.3 |     20.22774 (06060724)     18.51444 (06060724)     16.96382 (06060724)     15.57032 (06060724)     14.32676 (06060724)
3757661.3 |     20.15362 (06060724)     18.65625 (06060724)     17.26809 (06060724)     15.98014 (06060724)     14.79012 (06060724)
3757631.3 |     19.25168 (06060724)     17.98541 (06060724)     16.81691 (06060724)     15.72311 (06060724)     14.69105 (06060724)
3757601.3 |     17.56550 (06060724)     16.54455 (06060724)     15.61783 (06060724)     14.75793 (06060724)     13.94534 (06060724)
3757571.3 |     15.87511 (06051424)     14.57759 (06060724)     13.91057 (06060724)     13.29277 (06060724)     12.70930 (06060724)
3757541.3 |     15.14049 (06051424)     13.53279 (06051424)     12.01509 (06051424)     11.55570 (06060724)     11.18727 (06060724)
3757511.3 |     13.74730 (06051424)     12.61397 (06051424)     11.43653 (06051424)     10.27127 (06051424)      9.48572 (06060724)
3757481.3 |     12.04476 (06051424)     11.29079 (06051424)     10.46331 (06051424)      9.61002 (06030824)      9.00493 (06030824)
3757451.3 |     11.26189 (05070424)     10.64640 (05070424)      9.89913 (05070424)      9.04876 (05070424)      8.54109 (06030824)
3757421.3 |     10.36666 (05070424)     10.07858 (05070424)      9.65374 (05070424)      9.09668 (05070424)      8.42956 (05070424)
3757391.3 |      9.96289 (06051424)      9.51600 (06051424)      9.03656 (05070424)      8.74252 (05070424)      8.32483 (05070424)
3757361.3 |      9.28531 (06051424)      9.18081 (06051424)      8.86424 (06051424)      8.41854 (06051424)      7.93934 (05070424)
3757331.3 |      8.89952 (05012924)      8.40460 (06051424)      8.45670 (06051424)      8.27510 (06051424)      7.93488 (06051424)
3757301.3 |      8.54167 (05012924)      8.09034 (05012924)      7.67395 (05082324)      7.77238 (06051424)      7.71625 (06051424)
3757271.3 |      7.97626 (05012924)      7.77073 (05012924)      7.40234 (05012924)      7.17910 (05082324)      7.12491 (06051424)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***       06/29/10
                                  ***                                                                    ***       14:44:27
                                                                                                                   PAGE  38

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373170.44              373200.44              373230.44              373260.44              373290.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      7.22926 (05012924)      7.26232 (05012924)      7.11025 (05012924)      6.80952 (05012924)      6.71525 (05082324)
3757211.3 |      6.37217 (05012924)      6.59882 (05012924)      6.64856 (05012924)      6.53835 (05012924)      6.29311 (05012924)
3757181.3 |      5.96450 (06071724)      5.91448 (07092724)      6.05474 (05012924)      6.11597 (05012924)      6.03880 (05012924)
3757151.3 |      5.84552 (06071724)      5.58863 (06071724)      5.62492 (07092724)      5.58079 (05012924)      5.65044 (05012924)
3757121.3 |      5.54799 (07090824)      5.55620 (06071724)      5.23086 (06071724)      5.36527 (07092724)      5.23109 (07092724)
3757091.3 |      5.47485 (07090824)      5.42457 (07090824)      5.27187 (06071724)      5.01644 (07092724)      5.12893 (07092724)
3757061.3 |      5.50406 (07021324)      5.46435 (07090824)      5.25781 (07090824)      4.99267 (06071724)      4.82665 (07092724)
3757031.3 |      5.47174 (07021324)      5.26516 (07090824)      5.40039 (07090824)      5.05323 (07090824)      4.71854 (06071724)
3757001.3 |      5.34302 (07021324)      4.99551 (07021324)      5.31530 (07090824)      5.28819 (07090824)      4.81757 (07090824)
3756971.3 |      5.13624 (07021324)      4.93339 (07021324)      5.00564 (07090824)      5.31010 (07090824)      5.13411 (07090824)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***       06/29/10
                                  ***                                                                    ***       14:44:27
                                                                                                                   PAGE  39

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373320.44              373350.44              373380.44              373410.44              373440.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      6.57279 (07092824)      6.96882 (07092824)      7.16316 (07092824)      7.17397 (07092824)      7.02280 (07092824)
3758411.3 |      7.36813 (07092824)      7.58904 (07092824)      7.60983 (07092824)      7.45724 (07092824)      7.14587 (07092824)
3758381.3 |      8.06349 (07092824)      8.09423 (07092824)      7.93851 (07092824)      7.61223 (07092824)      7.13450 (07092824)
3758351.3 |      8.63597 (07092824)      8.47455 (07092824)      8.13065 (07092824)      7.62304 (07092824)      8.34950 (06101024)
3758321.3 |      9.07550 (07092824)      8.71041 (07092824)      8.16854 (07092824)      9.20048 (06101024)     10.11405 (06101024)
3758291.3 |      9.36201 (07092824)      9.03755 (06101024)     10.18203 (06101024)     11.14531 (06101024)     11.91736 (06101024)
```

Site #15 – Localized PM2.5 Concentrations

```
3758261.3 |     10.09690 (06101024)     11.32065 (06101024)     12.33104 (06101024)     13.11803 (06101024)     13.67211 (06101024)
3758231.3 |     12.64843 (06101024)     13.69751 (06101024)     14.47890 (06101024)     14.98265 (06101024)     15.19938 (06101024)
3758201.3 |     15.26878 (06101024)     16.01126 (06101024)     16.41903 (06101024)     16.49153 (06101024)     16.24426 (06101024)
3758171.3 |     17.71596 (06101024)     17.96770 (06101024)     17.83731 (06101024)     17.36218 (06101024)     16.60024 (06101024)
3758141.3 |     19.60233 (06101024)     19.20739 (06101024)     18.46063 (06101024)     17.44070 (06101024)     16.23293 (06101024)
3758111.3 |     20.57136 (06101024)     19.51967 (06101024)     18.22657 (06101024)     16.78212 (06101024)     15.27202 (06101024)
3758081.3 |     20.53298 (06101024)     18.96005 (06101024)     17.27825 (06101024)     15.57039 (06101024)     13.90292 (06101024)
3758051.3 |     19.65584 (06101024)     17.73379 (06101024)     15.82311 (06101024)     13.99025 (06101024)     12.58204 (06052024)
3758021.3 |     18.16051 (06101024)     16.03635 (06101024)     14.18075 (06052024)     13.22431 (06052024)     12.28087 (06052024)
3757991.3 |     16.21357 (06101024)     14.95022 (06052024)     13.80723 (06052024)     12.70220 (06052024)     12.13202 (05081824)
3757961.3 |     15.65580 (06052024)     14.31312 (06052024)     13.67935 (05081824)     13.26503 (05081824)     12.83134 (05081824)
3757931.3 |     15.42091 (05081824)     14.82759 (05081824)     14.23480 (05081824)     13.64043 (05081824)     13.04386 (05081824)
3757901.3 |     15.90942 (05081824)     15.14217 (05081824)     14.38733 (05081824)     13.64306 (05081824)     12.91031 (05081824)
3757871.3 |     16.05406 (05081824)     15.11564 (05081824)     14.20361 (05081824)     13.31921 (05081824)     12.46575 (05081824)
3757841.3 |     15.73550 (05081824)     14.63335 (05081824)     13.58148 (05081824)     12.58216 (05081824)     11.63772 (05081824)
3757811.3 |     14.79810 (05081824)     13.57182 (05081824)     12.42634 (05081824)     11.36144 (05081824)     10.48766 (05102324)
3757781.3 |     14.12027 (05102324)     13.15229 (05102324)     12.24165 (05102324)     11.38375 (05102324)     10.57642 (05102324)
3757751.3 |     13.87364 (05102324)     12.82779 (05102324)     11.85215 (05102324)     10.94789 (05102324)     10.11480 (05102324)
3757721.3 |     12.64865 (05102324)     11.85870 (07051524)     11.17227 (07051524)     10.54336 (07051524)      9.96567 (07051524)
3757691.3 |     13.22253 (06060724)     12.24422 (06060724)     11.37656 (06060724)     10.68756 (07051524)     10.16388 (07051524)
3757661.3 |     13.69856 (06060724)     12.70529 (06060724)     11.80744 (06060724)     10.99965 (06060724)     10.27444 (06060724)
3757631.3 |     13.71720 (06060724)     12.80216 (06060724)     11.94889 (06060724)     11.15967 (06060724)     10.43520 (06060724)
3757601.3 |     13.16789 (06060724)     12.41943 (06060724)     11.69951 (06060724)     11.01059 (06060724)     10.35622 (06060724)
3757571.3 |     12.14759 (06060724)     11.59912 (06060724)     11.05896 (06060724)     10.52561 (06060724)     10.00070 (06060724)
3757541.3 |     10.82658 (06060724)     10.46822 (06060724)     10.10760 (06060724)      9.74134 (06060724)      9.36814 (06060724)
3757511.3 |      9.31173 (06060724)      9.12641 (06060724)      8.92929 (06060724)      8.71902 (06060724)      8.49401 (06060724)
3757481.3 |      8.37417 (06030824)      8.03953 (07110724)      7.88124 (07110724)      7.71546 (07110724)      7.54249 (07110724)
3757451.3 |      8.10706 (06030824)      7.62821 (06030824)      7.12987 (06030824)      7.01373 (07110724)      6.93235 (07110724)
3757421.3 |      7.70538 (05070224)      7.37022 (05070224)      6.99227 (05070224)      6.57819 (05070224)      6.14105 (07110724)
3757391.3 |      7.80107 (05070424)      7.23535 (05070224)      6.99363 (05070224)      6.69869 (05070224)      6.35933 (05070224)
3757361.3 |      7.62178 (05070424)      7.20492 (05070424)      6.74257 (05070224)      6.59929 (05070224)      6.39185 (05070224)
3757331.3 |      7.49541 (06051424)      7.00005 (05070424)      6.66318 (05070424)      6.25245 (05070424)      6.17195 (05070224)
3757301.3 |      7.48472 (06051424)      7.13401 (06051424)      6.70458 (06051424)      6.22254 (06051424)      5.83477 (05070424)
3757271.3 |      7.17708 (06051424)      7.04921 (06051424)      6.78862 (06051424)      6.43548 (06051424)      6.01711 (06051424)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***        06/29/10
                                  ***                                                                    ***        14:44:27
                                                                                                                    PAGE  40

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                      **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       373320.44              373350.44              373380.44              373410.44              373440.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      6.66677 (05082324)      6.65672 (06051424)      6.62178 (06051424)      6.44828 (06051424)      6.17220 (06051424)
3757211.3 |      6.28088 (05082324)      6.30095 (05082324)      6.15695 (06051424)      6.20169 (06051424)      6.10901 (06051424)
3757181.3 |      5.83890 (05012924)      5.87526 (05082324)      5.95284 (05082324)      5.85079 (05082324)      5.79138 (06051424)
3757151.3 |      5.59951 (05012924)      5.43646 (05012924)      5.49676 (05082324)      5.62189 (05082324)      5.57420 (05082324)
3757121.3 |      5.24138 (05012924)      5.21054 (05012924)      5.07714 (05012924)      5.14448 (05082324)      5.30793 (05082324)
3757091.3 |      4.98151 (07092724)      4.87923 (05012924)      4.86343 (05012924)      4.75513 (05012924)      4.81722 (05082324)
3757061.3 |      4.91124 (07092724)      4.74868 (07092724)      4.55701 (05012924)      4.55323 (05012924)      4.46428 (05012924)
3757031.3 |      4.65151 (07092724)      4.70807 (07092724)      4.52998 (07092724)      4.26868 (05012924)      4.27372 (05012924)
3757001.3 |      4.44984 (06071724)      4.48784 (07092724)      4.51800 (07092724)      4.32386 (07092724)      4.00979 (05012924)
3756971.3 |      4.55706 (07090824)      4.18701 (06071724)      4.33391 (07092724)      4.33837 (07092724)      4.12861 (07092724)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***        06/29/10
                                  ***                                                                    ***        14:44:27
                                                                                                                    PAGE  41

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      AREA1   , AREA2   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                      **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372922.94   3757605.69       52.19093  (06051424)              372861.54   3757481.08       35.40107  (05120324)
       372438.96   3757746.55       28.41106m (05012424)              372431.74   3757838.64       19.50739  (07020624)
       372435.35   3757928.94       16.09736  (05021824)
*** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***        06/29/10
                                  ***                                                                    ***        14:44:27
                                                                                                                    PAGE  42

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                                  *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER   3 YEARS ***

                                   ** CONC OF PM2.5    IN MICROGRAMS/M**3                      **

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

ALL      1ST HIGHEST VALUE IS     201.75179 AT (  372750.44,  3757721.30,    10.00,    10.00,    0.00)  GC  UCART1
         2ND HIGHEST VALUE IS     201.62267 AT (  372750.44,  3757751.30,    10.00,    10.00,    0.00)  GC  UCART1
         3RD HIGHEST VALUE IS     200.93268 AT (  372750.44,  3757691.30,    10.00,    10.00,    0.00)  GC  UCART1
         4TH HIGHEST VALUE IS     200.33969 AT (  372750.44,  3757781.30,    10.00,    10.00,    0.00)  GC  UCART1
         5TH HIGHEST VALUE IS     200.13220 AT (  372780.44,  3757751.30,    10.00,    10.00,    0.00)  GC  UCART1
         6TH HIGHEST VALUE IS     199.85003 AT (  372780.44,  3757721.30,    10.00,    10.00,    0.00)  GC  UCART1
         7TH HIGHEST VALUE IS     199.55747 AT (  372780.44,  3757781.30,    10.00,    10.00,    0.00)  GC  UCART1
         8TH HIGHEST VALUE IS     199.05273 AT (  372750.44,  3757661.30,    10.00,    10.00,    0.00)  GC  UCART1
         9TH HIGHEST VALUE IS     198.61870 AT (  372780.44,  3757691.30,    10.00,    10.00,    0.00)  GC  UCART1
        10TH HIGHEST VALUE IS     197.49524 AT (  372780.44,  3757811.30,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***        06/29/10
                                   ***                                                                    ***        14:44:27
                                                                                                                     PAGE  43
 **MODELOPTs:  NonDFAULT CONC                              FLAT
```

Site #15 – Localized PM2.5 Concentrations

```
                                                                NODRYDPLT NOWETDPLT

                                                *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***


                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

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

ALL      HIGH  1ST HIGH VALUE IS     298.08557  ON 05010124: AT (  372720.44,  3757631.30,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Site 15 - PM2.5                                                    ***        06/29/10
                                   ***                                                                    ***        14:44:27
                                                                                                                     PAGE  44
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            0 Warning Message(s)
 A Total of          152 Informational Message(s)

 A Total of        26280 Hours Were Processed

 A Total of           15 Calm Hours Identified

 A Total of          137 Missing Hours Identified (  0.52 Percent)


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


    ********   WARNING MESSAGES   ********
               ***  NONE  ***


    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

Site #17 – Localized CO Concentrations

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 17\CO.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Site 15 - CO
   MODELOPT  CONC NODRYDPLT NOWETDPLT FLAT
   AVERTIME 1 8
   URBANOPT 9862049
   POLLUTID CO
   RUNORNOT RUN
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1 VOLUME 373572.330 3750796.917 0.0
** DESCRSRC Equipment
** Source Parameters **
   SRCPARAM VOL1 0.5481 4.100 46.783 1.163
   URBANSRC VOL1
   CONCUNIT 873.2 GRAMS/SEC PPM
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   GRIDCART UCART2 STA
                  XYINC 372437.24 21 121.72 3749713.16 21 111.63
   GRIDCART UCART2 END
** DESCRREC "" ""
   DISCCART    372647.17   3750290.48
   DISCCART    373224.49   3750294.52
   DISCCART    373809.89   3750290.48
   DISCCART    374411.43   3750290.48
   DISCCART    373842.19   3751158.48
   DISCCART    373822.00   3751416.86
   DISCCART    374060.20   3751340.15
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
   PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   PROFBASE 10 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST CO.AD\01H1GALL.PLT
   PLOTFILE 8 ALL 1ST CO.AD\08H1GALL.PLT
OU FINISHED

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

 *** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                    ***        10/26/10
                                   ***                                                                 ***        16:48:41
                                                                                                               PAGE   1
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for     1 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9862049.0 ;  Urban Roughness Length =  1.000 m
```

Site #17 – Localized CO Concentrations

```
**Model Allows User-Specified Options:
       1. Stack-tip Downwash.
       2. Model Assumes Receptors on FLAT Terrain.
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.
       6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

**This Run Includes:      1 Source(s);       1 Source Group(s); and     448 Receptor(s)

**The Model Assumes A Pollutant Type of:  CO

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

**Output Options Selected:
        Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
        Model Outputs External File(s) of High Values for Plotting (PLOTFILE 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) =    10.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                           ;  Emission Rate Unit Factor =    873.20
                 Output Units   = PPM

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

*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***        10/26/10
                                  ***                                                                       ***        16:48:41
                                                                                                                       PAGE   2
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                                *** VOLUME SOURCE DATA ***

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

  VOL1          0   0.54810E+00  373572.3 3750796.9    10.0     4.10    46.78     1.16     YES
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***        10/26/10
                                  ***                                                                       ***        16:48:41
                                                                                                                       PAGE   3
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                             *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                              SOURCE IDs



 ALL       VOL1    ,
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***        10/26/10
                                  ***                                                                       ***        16:48:41
                                                                                                                       PAGE   4
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                          *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                     *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                            *** X-COORDINATES OF GRID ***
                                                      (METERS)

      372437.2,  372559.0,  372680.7,  372802.4,  372924.1,  373045.8,  373167.6,  373289.3,  373411.0,  373532.7,
      373654.4,  373776.2,  373897.9,  374019.6,  374141.3,  374263.0,  374384.8,  374506.5,  374628.2,  374749.9,
      374871.6,

                                            *** Y-COORDINATES OF GRID ***
                                                      (METERS)

     3749713.2, 3749824.8, 3749936.4, 3750048.1, 3750159.7, 3750271.3, 3750382.9, 3750494.6, 3750606.2, 3750717.8,
     3750829.5, 3750941.1, 3751052.7, 3751164.4, 3751276.0, 3751387.6, 3751499.2, 3751610.9, 3751722.5, 3751834.1,
     3751945.8,
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***        10/26/10
                                  ***                                                                       ***        16:48:41
                                                                                                                       PAGE   5
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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

    ( 372647.2, 3750290.5,      10.0,      10.0,       0.0);         ( 373224.5, 3750294.5,      10.0,      10.0,       0.0);
    ( 373809.9, 3750290.5,      10.0,      10.0,       0.0);         ( 374411.4, 3750290.5,      10.0,      10.0,       0.0);
    ( 373842.2, 3751158.5,      10.0,      10.0,       0.0);         ( 373822.0, 3751416.9,      10.0,      10.0,       0.0);
    ( 374060.2, 3751340.1,      10.0,      10.0,       0.0);
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***        10/26/10
                                  ***                                                                       ***        16:48:41
                                                                                                                       PAGE   6
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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


                                SOURCE         - - RECEPTOR LOCATION - -         DISTANCE
                                  ID           XR (METERS)   YR (METERS)         (METERS)
                                - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

                                VOL1             373532.7     3750717.8           -12.13
                                VOL1             373532.7     3750829.5           -49.32
```

Site #17 – Localized CO Concentrations

```
                              VOL1             373654.4     3750829.5          -12.26
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                    ***        10/26/10
                                  ***                                                                 ***        16:48:41
                                                                                                               PAGE   7
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                          *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                        (1=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
              NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.


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

                                                1.54,   3.09,   5.14,   8.23,  10.80,
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                    ***        10/26/10
                                  ***                                                                 ***        16:48:41
                                                                                                               PAGE   8
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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

  Surface file:   L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC    Met Version:  06341
  Profile file:   L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL
  Surface format: FREE
  Profile format: FREE
  Surface station no.:        0                 Upper air station no.:     3190
                Name: UNKNOWN                                 Name: UNKNOWN
                Year:   2005                                  Year:   2005

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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
05 01 01   1 01   -3.3  0.062 -9.000 -9.000 -999.   35.      6.5  0.26   1.00   1.00    1.10   52.    9.1  282.5    5.5
05 01 01   1 02   -3.9  0.073 -9.000 -9.000 -999.   45.      8.9  0.26   1.00   1.00    1.30   51.    9.1  282.0    5.5
05 01 01   1 03   -2.7  0.056 -9.000 -9.000 -999.   30.      5.9  0.26   1.00   1.00    1.00   48.    9.1  281.4    5.5
05 01 01   1 04   -2.3  0.056 -9.000 -9.000 -999.   30.      6.8  0.26   1.00   1.00    1.00   52.    9.1  280.9    5.5
05 01 01   1 05   -2.8  0.062 -9.000 -9.000 -999.   35.      7.5  0.26   1.00   1.00    1.10   62.    9.1  281.4    5.5
05 01 01   1 06   -5.3  0.078 -9.000 -9.000 -999.   51.      8.2  0.26   1.00   1.00    1.40   64.    9.1  280.9    5.5
05 01 01   1 07   -3.9  0.067 -9.000 -9.000 -999.   40.      7.0  0.26   1.00   1.00    1.20   55.    9.1  280.4    5.5
05 01 01   1 08   -4.9  0.078 -9.000 -9.000 -999.   51.      8.8  0.26   1.00   0.53    1.40   76.    9.1  280.9    5.5
05 01 01   1 09   45.2  0.282  0.524  0.005  115.  344.    -44.6  0.26   1.00   0.30    2.20   78.    9.1  283.1    5.5
05 01 01   1 10  114.4  0.293  1.397  0.005  862.  365.    -19.9  0.26   1.00   0.22    2.10   83.    9.1  284.9    5.5
05 01 01   1 11  139.9  0.299  1.673  0.010 1212.  376.    -17.3  0.26   1.00   0.19    2.10   80.    9.1  287.0    5.5
05 01 01   1 12   15.0  0.122  0.797  0.010 1215.  125.    -10.8  0.26   1.00   0.18    0.80   30.    9.1  287.0    5.5
05 01 01   1 13   28.1  0.223  0.983  0.010 1221.  241.    -35.4  0.26   1.00   0.18    1.70  184.    9.1  287.0    5.5
05 01 01   1 14   17.9  0.256  0.847  0.009 1225.  298.    -84.4  0.26   1.00   0.19    2.10  201.    9.1  287.0    5.5
05 01 01   1 15    4.2  0.231  0.521  0.009 1226.  256.   -268.6  0.26   1.00   0.22    2.00  205.    9.1  286.4    5.5
05 01 01   1 16    0.1  0.180  0.151  0.009 1226.  176. -5231.4  0.26   1.00   0.31    1.60  211.    9.1  286.4    5.5
05 01 01   1 17   -1.7  0.045 -9.000 -9.000 -999.   46.      4.9  0.26   1.00   0.57    0.80  216.    9.1  285.9    5.5
05 01 01   1 18   -0.6  0.028 -9.000 -9.000 -999.   11.      3.4  0.26   1.00   1.00    0.50   38.    9.1  285.4    5.5
05 01 01   1 19   -0.4  0.022 -9.000 -9.000 -999.    8.      2.8  0.26   1.00   1.00    0.40  261.    9.1  284.9    5.5
05 01 01   1 20   -0.4  0.022 -9.000 -9.000 -999.    8.      2.8  0.26   1.00   1.00    0.40  337.    9.1  284.9    5.5
05 01 01   1 21   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80   12.    9.1  284.9    5.5
05 01 01   1 22   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80  360.    9.1  284.9    5.5
05 01 01   1 23   -1.9  0.050 -9.000 -9.000 -999.   26.      6.2  0.26   1.00   1.00    0.90   46.    9.1  284.2    5.5
05 01 01   1 24   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80   12.    9.1  284.2    5.5


First hour of profile data
YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
05 01 01 01    5.5 0 -999.  -99.00   282.6   99.0  -99.00  -99.00
05 01 01 01    9.1 1   52.    1.10  -999.0   99.0  -99.00  -99.00

F indicates top of profile (=1) or below (=0)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                    ***        10/26/10
                                  ***                                                                 ***        16:48:41
                                                                                                               PAGE   9
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):      VOL1    ,

                                    *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                         ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                                 X-COORD (METERS)
 (METERS) |       372437.24              372558.96              372680.68              372802.40              372924.12
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3751945.8 |      0.02277 (06053007)      0.03848 (06090407)      0.04379 (06090407)      0.02744 (06090407)      0.03642 (06042607)
3751834.1 |      0.02893 (05010409)      0.02519 (06090407)      0.04430 (06090407)      0.04352 (06090407)      0.03200 (06042607)
3751722.5 |      0.03379 (05010409)      0.03146 (05010409)      0.03097 (06090407)      0.05014 (06090407)      0.04031 (06090407)
3751610.9 |      0.04022 (07090907)      0.03575 (05010409)      0.03446 (05010409)      0.03833 (06090407)      0.05503 (06090407)
3751499.2 |      0.04614 (07090907)      0.04733 (07090907)      0.03769 (05010409)      0.03809 (05010409)      0.04759 (06090407)
3751387.6 |      0.02783 (07090907)      0.04511 (07090907)      0.05410 (07090907)      0.04282 (07090907)      0.04255 (05010409)
3751276.0 |      0.01711 (06090102)      0.01986 (07090907)      0.03987 (07090907)      0.05870 (07090907)      0.05495 (07090907)
3751164.4 |      0.01742 (06121509)      0.01723 (06090102)      0.02314 (06090102)      0.02998 (07090907)      0.05795 (07090907)
3751052.7 |      0.01833 (06100301)      0.02164 (06100301)      0.02401 (06120524)      0.02627 (06120524)      0.03360 (06090102)
3750941.1 |      0.01852 (05042101)      0.02094 (05042101)      0.02462 (07091603)      0.03062 (07091603)      0.03653 (06100301)
3750829.5 |      0.02778 (07110908)      0.02962 (07110908)      0.03174 (07110908)      0.03422 (07110908)      0.03714 (07110908)
3750717.8 |      0.02700 (07110908)      0.02812 (07110908)      0.02924 (07110908)      0.03263 (06070206)      0.03906 (06070206)
3750606.2 |      0.03022 (06070206)      0.03070 (06070206)      0.02951 (06070206)      0.03232 (07082903)      0.03632 (05101822)
3750494.6 |      0.02293 (06041307)      0.02149 (06041307)      0.02896 (07030608)      0.03539 (07030608)      0.03533 (07030608)
3750382.9 |      0.02676 (07030608)      0.03010 (07030608)      0.02890 (07030608)      0.02686 (06111722)      0.04168 (07070106)
3750271.3 |      0.02449 (07030608)      0.01932 (07030608)      0.02756 (06053107)      0.04355 (07070106)      0.07155 (07070106)
3750159.7 |      0.02053 (06110508)      0.02940 (06053107)      0.04398 (07070106)      0.06512 (07070106)      0.06214 (07070106)
3750048.1 |      0.02948 (06053107)      0.04354 (07070106)      0.05969 (07070106)      0.05632 (07070106)      0.04009 (06090207)
3749936.4 |      0.04260 (07070106)      0.05507 (07070106)      0.05157 (07070106)      0.03854 (06090207)      0.02174 (06090207)
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Site #17 – Localized CO Concentrations

```
3749824.8 |      0.05111 (07070106)      0.04761 (07070106)      0.03639 (06090207)      0.02474 (06090207)      0.02268 (06090107)
3749713.2 |      0.04425 (07070106)      0.03402 (06090207)      0.02660 (06090207)      0.01625 (07091007)      0.02834 (06090107)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***       10/26/10
                                  ***                                                                       ***       16:48:41
                                                                                                                      PAGE  10
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      VOL1    ,

                              *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                   ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373045.84              373167.56              373289.28              373411.00              373532.72
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3751945.8 |      0.04336 (06090607)      0.04463 (06090607)      0.01619 (06090607)      0.01872 (07072704)      0.02170 (06060307)
3751834.1 |      0.03627 (06042607)      0.05267 (06090607)      0.02628 (06090607)      0.02081 (05052102)      0.02296 (06060307)
3751722.5 |      0.04115 (06042607)      0.05398 (06090607)      0.04005 (06090607)      0.02360 (05052102)      0.02437 (06060307)
3751610.9 |      0.03423 (06042607)      0.04550 (06090607)      0.05532 (06090607)      0.02604 (05052102)      0.02830 (05082924)
3751499.2 |      0.05718 (06090407)      0.04743 (06042607)      0.06575 (06090607)      0.02762 (06090607)      0.03415 (05082924)
3751387.6 |      0.05884 (06090407)      0.05391 (06090407)      0.06222 (06090607)      0.04828 (06090607)      0.04199 (05082924)
3751276.0 |      0.04814 (05010409)      0.07125 (06090407)      0.05627 (06042607)      0.07313 (06090607)      0.05300 (07090806)
3751164.4 |      0.06894 (07090907)      0.05557 (05010409)      0.08140 (06090407)      0.08623 (06090607)      0.07101 (07072704)
3751052.7 |      0.04817 (07090907)      0.08111 (07090907)      0.07103 (06071402)      0.09013 (05082505)      0.10095 (07072704)
3750941.1 |      0.04601 (06100301)      0.05525 (06090102)      0.08405 (07090907)      0.12539 (06071402)      0.16960 (06070502)
3750829.5 |      0.04614 (05092201)      0.06150 (07081605)      0.09009 (05042101)      0.15528 (07091603)      0.00000 (00000000)
3750717.8 |      0.04821 (07102602)      0.06916 (07082903)      0.09279 (07082903)      0.14250 (06111722)      0.00000 (00000000)
3750606.2 |      0.04451 (07031304)      0.05719 (07012320)      0.09747 (07070106)      0.10930 (07070106)      0.13925 (07081701)
3750494.6 |      0.04054 (05043001)      0.08795 (07070106)      0.09141 (07070106)      0.08221 (06041124)      0.08924 (07081701)
3750382.9 |      0.07914 (07070106)      0.07882 (07070106)      0.05403 (07070203)      0.06203 (06090606)      0.06220 (05083003)
3750271.3 |      0.06942 (07070106)      0.03855 (06090207)      0.04609 (06041124)      0.04558 (05042905)      0.04867 (05083003)
3750159.7 |      0.04042 (06090207)      0.03598 (07070203)      0.03958 (07032008)      0.03614 (06041123)      0.04128 (06082207)
3750048.1 |      0.02426 (07070203)      0.03435 (06090107)      0.03174 (06090606)      0.03224 (07081701)      0.03808 (06082207)
3749936.4 |      0.03147 (06090107)      0.03374 (05102108)      0.02783 (06061607)      0.02931 (07081701)      0.03546 (06082207)
3749824.8 |      0.02964 (06090107)      0.03080 (07032008)      0.02404 (06061607)      0.02545 (07081701)      0.03309 (06082207)
3749713.2 |      0.02911 (05102108)      0.02347 (07032008)      0.01952 (06061607)      0.02141 (07081701)      0.03094 (06082207)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***       10/26/10
                                  ***                                                                       ***       16:48:41
                                                                                                                      PAGE  11
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      VOL1    ,

                              *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                   ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373654.44              373776.16              373897.88              374019.60              374141.32
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3751945.8 |      0.01925 (07042507)      0.01715 (05090508)      0.01557 (07122005)      0.01713 (05082807)      0.04278 (05082807)
3751834.1 |      0.02101 (07091802)      0.01844 (05090508)      0.01831 (07062524)      0.03078 (05082807)      0.05113 (05082807)
3751722.5 |      0.02425 (07091802)      0.02011 (06082107)      0.02322 (07062524)      0.04748 (05082807)      0.04836 (05082807)
3751610.9 |      0.02810 (07091802)      0.02422 (07122005)      0.03064 (05082807)      0.05887 (05082807)      0.03348 (05082807)
3751499.2 |      0.03273 (07040123)      0.02848 (07122005)      0.05321 (05082807)      0.05364 (05082807)      0.02008 (06090306)
3751387.6 |      0.04065 (07040123)      0.03963 (07062524)      0.06970 (05082807)      0.03171 (05082807)      0.02810 (06090306)
3751276.0 |      0.05005 (07040123)      0.06002 (05082807)      0.05939 (05082807)      0.03704 (06090306)      0.05980 (05082707)
3751164.4 |      0.06064 (07040123)      0.08595 (05082807)      0.05054 (06090306)      0.07893 (05082707)      0.09067 (05082707)
3751052.7 |      0.09635 (07062524)      0.07439 (07070124)      0.10513 (05082707)      0.09266 (05082707)      0.04405 (06081407)
3750941.1 |      0.15161 (05082807)      0.13755 (05082707)      0.07840 (05082707)      0.04992 (07112919)      0.04012 (05071903)
3750829.5 |      0.00000 (00000000)      0.12568 (05091722)      0.07990 (06061524)      0.05817 (06061524)      0.04450 (06061524)
3750717.8 |      0.23004 (05062305)      0.11908 (07081802)      0.07275 (07031508)      0.06158 (07031508)      0.04861 (07031508)
3750606.2 |      0.13385 (06053105)      0.09849 (05062305)      0.07256 (05041521)      0.05187 (07082904)      0.04220 (07081802)
3750494.6 |      0.08155 (05091702)      0.12103 (07090807)      0.06333 (06081607)      0.05779 (07091107)      0.04117 (07091107)
3750382.9 |      0.05964 (07103023)      0.07635 (07090807)      0.09174 (07090807)      0.05425 (06081607)      0.04627 (07091107)
3750271.3 |      0.04306 (07103023)      0.04651 (05102308)      0.09219 (07090807)      0.06172 (07090807)      0.04813 (06081607)
3750159.7 |      0.03168 (05042102)      0.03610 (07051822)      0.05562 (07090807)      0.08421 (07090807)      0.04018 (07090807)
3750048.1 |      0.02795 (05042102)      0.03004 (05091702)      0.04394 (05102308)      0.07109 (07090807)      0.06709 (07090807)
3749936.4 |      0.02477 (05042102)      0.02505 (07103023)      0.02938 (05102308)      0.04305 (07090807)      0.07229 (07090807)
3749824.8 |      0.02203 (05042102)      0.02226 (07103023)      0.02213 (07051822)      0.04013 (05102308)      0.05634 (07090807)
3749713.2 |      0.01968 (05042102)      0.01892 (07103023)      0.01793 (05091702)      0.03074 (05102308)      0.03611 (05102308)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                          ***       10/26/10
                                  ***                                                                       ***       16:48:41
                                                                                                                      PAGE  12
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      VOL1    ,

                              *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                   ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       374263.04              374384.76              374506.48              374628.20              374749.92
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3751945.8 |      0.04386 (05082807)      0.02097 (05082807)      0.01007 (07092823)      0.01259 (06090306)      0.01198 (06102522)
3751834.1 |      0.03346 (05082807)      0.01148 (07070124)      0.01430 (06090306)      0.01371 (06102522)      0.02279 (07043007)
3751722.5 |      0.01885 (05082807)      0.01619 (06090306)      0.01588 (06102522)      0.02549 (07043007)      0.04146 (05082707)
3751610.9 |      0.01818 (06090306)      0.01867 (06102522)      0.02903 (05082707)      0.04942 (05082707)      0.05872 (05082707)
3751499.2 |      0.02241 (05062902)      0.03628 (05082707)      0.05890 (05082707)      0.06379 (05082707)      0.05091 (05082707)
3751387.6 |      0.04614 (05082707)      0.06976 (05082707)      0.06674 (05082707)      0.04588 (05082707)      0.02558 (06081407)
3751276.0 |      0.08118 (05082707)      0.06556 (05082707)      0.03721 (05082707)      0.03160 (06081407)      0.02807 (06081407)
3751164.4 |      0.05788 (05082707)      0.03673 (06081407)      0.03118 (06081407)      0.02367 (06073107)      0.01918 (06073107)
3751052.7 |      0.03477 (06081407)      0.02511 (06073107)      0.01952 (05071903)      0.01917 (05071903)      0.01758 (05071903)
3750941.1 |      0.03388 (05071903)      0.02886 (05091722)      0.02391 (05091722)      0.02051 (06090106)      0.01768 (07072605)
3750829.5 |      0.03516 (06061524)      0.02847 (06061524)      0.02351 (06061524)      0.01972 (06061524)      0.01682 (06101221)
3750717.8 |      0.03677 (07031508)      0.02727 (07031508)      0.02320 (05070723)      0.02075 (06112321)      0.01892 (07092707)
3750606.2 |      0.04440 (07031508)      0.04635 (07031508)      0.04392 (07031508)      0.03907 (07031508)      0.03335 (07031508)
3750494.6 |      0.03160 (07082904)      0.02670 (07081802)      0.02448 (07031508)      0.03063 (07031508)      0.03427 (07031508)
3750382.9 |      0.04551 (07091107)      0.02620 (07091107)      0.02191 (07082904)      0.01889 (07081201)      0.01740 (07081802)
3750271.3 |      0.03563 (07091107)      0.04371 (07091107)      0.03272 (07091107)      0.01793 (07082904)      0.01636 (07082904)
3750159.7 |      0.04325 (06081607)      0.02705 (07091107)      0.03881 (07091107)      0.03545 (07091107)      0.02315 (07091107)
3750048.1 |      0.03533 (06081607)      0.03930 (06081607)      0.02253 (06081607)      0.03299 (07091107)      0.03510 (07091107)
3749936.4 |      0.05003 (07090807)      0.03409 (06081607)      0.03604 (06081607)      0.02167 (06081607)      0.02737 (07091107)
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3749824.8 |      0.06444 (07090807)      0.03621 (07090807)      0.03270 (06081607)      0.03330 (06081607)      0.02082 (06081607)
3749713.2 |      0.06110 (07090807)      0.05321 (07090807)      0.02592 (07090807)      0.03128 (06081607)      0.03097 (06081607)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                  ***        10/26/10
                                  ***                                                                               ***        16:48:41
                                                                                                                               PAGE  13
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):      VOL1    ,

                                *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       374871.64
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3751945.8 |      0.02052 (07043007)
3751834.1 |      0.03488 (05082707)
3751722.5 |      0.05285 (05082707)
3751610.9 |      0.05268 (05082707)
3751499.2 |      0.03235 (05082707)
3751387.6 |      0.02782 (06081407)
3751276.0 |      0.02128 (06081407)
3751164.4 |      0.01451 (07031509)
3751052.7 |      0.01558 (05091722)
3750941.1 |      0.01587 (07072605)
3750829.5 |      0.01489 (06101221)
3750717.8 |      0.01825 (07092707)
3750606.2 |      0.02771 (07031508)
3750494.6 |      0.03539 (07031508)
3750382.9 |      0.01783 (07031508)
3750271.3 |      0.01450 (07081201)
3750159.7 |      0.01396 (07082904)
3750048.1 |      0.02720 (07091107)
3749936.4 |      0.03279 (07091107)
3749824.8 |      0.02241 (07091107)
3749713.2 |      0.02001 (06081607)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                  ***        10/26/10
                                  ***                                                                               ***        16:48:41
                                                                                                                               PAGE  14
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):      VOL1    ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF CO       IN PPM                                    **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372647.17   3750290.48        0.02222  (06110508)               373224.49   3750294.52        0.04223  (07070203)
       373809.89   3750290.48        0.05699  (05102308)               374411.43   3750290.48        0.04097  (07091107)
       373842.19   3751158.48        0.05709  (05082807)               373822.00   3751416.86        0.04238  (05082807)
       374060.20   3751340.15        0.03221  (06090306)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                  ***        10/26/10
                                  ***                                                                               ***        16:48:41
                                                                                                                               PAGE  15
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                           *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):      VOL1    ,

                                *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372437.24             372558.96             372680.68             372802.40             372924.12
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3751945.8 |      0.00339 (06053008)      0.00530 (06090408)      0.00600 (06090408)      0.00401 (06090408)      0.00513 (06042608)
3751834.1 |      0.00363 (05010416)      0.00372 (06053008)      0.00613 (06090408)      0.00608 (06090408)      0.00466 (06042608)
3751722.5 |      0.00424 (05010416)      0.00396 (05010416)      0.00455 (06090408)      0.00699 (06090408)      0.00585 (06090408)
3751610.9 |      0.00580 (07090908)      0.00449 (05010416)      0.00434 (05010416)      0.00564 (06090408)      0.00781 (06090408)
3751499.2 |      0.00675 (07090908)      0.00691 (07090908)      0.00515 (07090908)      0.00482 (05010416)      0.00706 (06090408)
3751387.6 |      0.00465 (07090908)      0.00690 (07090908)      0.00808 (07090908)      0.00670 (07090908)      0.00591 (07080508)
3751276.0 |      0.00370 (06090808)      0.00435 (06090808)      0.00664 (07090908)      0.00915 (07090908)      0.00878 (07090908)
3751164.4 |      0.00436 (06060508)      0.00468 (06060508)      0.00541 (06090808)      0.00677 (06090808)      0.00983 (07090908)
3751052.7 |      0.00461 (06041108)      0.00530 (06041108)      0.00630 (06060508)      0.00729 (06060508)      0.00885 (06090808)
3750941.1 |      0.00583 (05122608)      0.00669 (05122608)      0.00774 (05122608)      0.00900 (05122608)      0.01072 (06061708)
3750829.5 |      0.00642 (05122608)      0.00763 (05122608)      0.00924 (05122608)      0.01148 (05122608)      0.01472 (05122608)
3750717.8 |      0.00573 (07011108)      0.00680 (07011708)      0.00827 (07011708)      0.01030 (07011708)      0.01324 (07011708)
3750606.2 |      0.00572 (07011708)      0.00661 (07011708)      0.00792 (05083108)      0.00987 (05083108)      0.01248 (06103008)
3750494.6 |      0.00588 (05083108)      0.00667 (06103008)      0.00800 (06103008)      0.00987 (07031308)      0.01371 (06122008)
3750382.9 |      0.00566 (07031308)      0.00669 (06020208)      0.00875 (06122008)      0.01064 (06122008)      0.01260 (06110508)
3750271.3 |      0.00618 (06122008)      0.00734 (06122008)      0.00887 (06110508)      0.01078 (06053108)      0.01451 (06053108)
3750159.7 |      0.00656 (06110508)      0.00737 (06110508)      0.00963 (06053108)      0.01164 (06053108)      0.01136 (07070108)
3750048.1 |      0.00636 (06053108)      0.00854 (06053108)      0.00956 (06053108)      0.00975 (07070108)      0.00860 (05122908)
3749936.4 |      0.00756 (06053108)      0.00806 (07070108)      0.00856 (07070108)      0.00695 (05122908)      0.00704 (07121308)
3749824.8 |      0.00734 (07070108)      0.00764 (07070108)      0.00633 (07070108)      0.00578 (05122908)      0.00675 (05112808)
3749713.2 |      0.00691 (07070108)      0.00582 (07070108)      0.00500 (05122908)      0.00541 (07121308)      0.00608 (05112808)
*** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                                  ***        10/26/10
                                  ***                                                                               ***        16:48:41
                                                                                                                               PAGE  16
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                           *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):      VOL1    ,

                                *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373045.84             373167.56             373289.28             373411.00             373532.72
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3751945.8	0.00618 (06090608)	0.00639 (06090608)	0.00351 (06090508)	0.00384 (07020524)	0.00431 (07050908)
3751834.1	0.00525 (06042608)	0.00752 (06090608)	0.00451 (06090508)	0.00438 (07020524)	0.00496 (07050908)
3751722.5	0.00597 (06042608)	0.00785 (06090608)	0.00619 (06090608)	0.00505 (07020524)	0.00580 (07050908)
3751610.9	0.00532 (06090408)	0.00700 (06090608)	0.00835 (06090608)	0.00588 (07020524)	0.00690 (07050908)
3751499.2	0.00840 (06090408)	0.00723 (06042608)	0.01000 (06090608)	0.00773 (06090508)	0.00840 (07050908)
3751387.6	0.00889 (06090408)	0.00867 (06090408)	0.01004 (06090608)	0.01100 (06090508)	0.01067 (05101424)
3751276.0	0.00820 (07080508)	0.01121 (06090408)	0.00970 (05011008)	0.01558 (06090508)	0.01436 (05101424)
3751164.4	0.01153 (07090908)	0.01236 (07080508)	0.01445 (06090408)	0.02053 (06090508)	0.02081 (05101424)
3751052.7	0.01236 (06090808)	0.01681 (06090808)	0.02121 (07080508)	0.02515 (05030408)	0.03453 (06090508)
3750941.1	0.01402 (06060508)	0.01797 (06060508)	0.03140 (06090808)	0.04667 (07080508)	0.07887 (06090508)
3750829.5	0.01969 (05122608)	0.02796 (05122608)	0.04360 (05122608)	0.08127 (05122608)	0.00000 (00000000)
3750717.8	0.01776 (07011708)	0.02516 (07011708)	0.03975 (07022008)	0.07819 (06122008)	0.00000 (00000000)
3750606.2	0.01693 (07022008)	0.02585 (06122008)	0.03662 (06022308)	0.05351 (05122908)	0.05800 (07123124)
3750494.6	0.01715 (06122008)	0.02485 (06053108)	0.02858 (05122908)	0.03510 (07121308)	0.03311 (07081508)
3750382.9	0.01861 (06053108)	0.01805 (05122908)	0.02179 (05112808)	0.02118 (06021608)	0.02318 (07081508)
3750271.3	0.01362 (07070108)	0.01412 (05122908)	0.01668 (05112808)	0.01554 (06010924)	0.01758 (07081508)
3750159.7	0.01090 (05122908)	0.01264 (05112808)	0.01187 (06021608)	0.01170 (06010924)	0.01400 (07081508)
3750048.1	0.00932 (07121308)	0.01014 (05112808)	0.00926 (06011008)	0.00892 (06010924)	0.01151 (07081508)
3749936.4	0.00841 (05112808)	0.00778 (06021608)	0.00773 (06010924)	0.00704 (06012408)	0.00970 (07081508)
3749824.8	0.00697 (05112808)	0.00657 (06011008)	0.00650 (06010924)	0.00587 (06012408)	0.00833 (07081508)
3749713.2	0.00558 (06021608)	0.00546 (06011008)	0.00545 (06010924)	0.00494 (06012408)	0.00726 (07081508)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 373654.44	373776.16	373897.88	374019.60	374141.32
3751945.8	0.00540 (06082908)	0.00579 (07083108)	0.00452 (07083108)	0.00437 (05110224)	0.00603 (05082808)
3751834.1	0.00606 (06082908)	0.00651 (07083108)	0.00482 (05110224)	0.00508 (05110224)	0.00717 (05082808)
3751722.5	0.00715 (07083108)	0.00732 (07083108)	0.00596 (05110224)	0.00691 (05082808)	0.00694 (05082808)
3751610.9	0.00872 (07083108)	0.00823 (07083108)	0.00735 (05110224)	0.00852 (05082808)	0.00534 (07070124)
3751499.2	0.01087 (07083108)	0.00916 (07083108)	0.00893 (05110224)	0.00809 (05082808)	0.00660 (06051624)
3751387.6	0.01392 (07083108)	0.01161 (05110224)	0.01068 (05082808)	0.00853 (06051624)	0.00783 (05071708)
3751276.0	0.01843 (07083108)	0.01588 (05110224)	0.01187 (05092224)	0.01087 (05071708)	0.01064 (05082708)
3751164.4	0.02544 (07083108)	0.02090 (05110224)	0.01650 (05071708)	0.01450 (05082708)	0.01409 (05082708)
3751052.7	0.03758 (05110224)	0.02868 (05071708)	0.02287 (06101008)	0.01754 (06042824)	0.01379 (05090224)
3750941.1	0.07067 (05110224)	0.04589 (06042824)	0.02962 (05090224)	0.02120 (05090224)	0.01429 (05121424)
3750829.5	0.00000 (00000000)	0.05554 (06060808)	0.03046 (07120224)	0.02004 (07120224)	0.01430 (07120224)
3750717.8	0.10030 (05012908)	0.04684 (07090708)	0.02923 (07090708)	0.01942c(06072908)	0.01427c(06072908)
3750606.2	0.05057 (05120308)	0.03559 (05012908)	0.02109 (05070208)	0.01512 (05070208)	0.01104 (07090708)
3750494.6	0.02868 (05120308)	0.01936 (05120308)	0.01835 (05012908)	0.01236 (06051408)	0.01052 (05070208)
3750382.9	0.01708 (05120308)	0.01700 (05120308)	0.01350 (07090808)	0.01151 (05012908)	0.00848 (06051408)
3750271.3	0.01209 (07081424)	0.01321 (05120308)	0.01308 (07090808)	0.00901 (07090808)	0.00803 (05012908)
3750159.7	0.00976 (07081424)	0.00992 (05120308)	0.00893 (05120308)	0.01159 (07090808)	0.00655 (05012908)
3750048.1	0.00822 (07081508)	0.00748 (05120308)	0.00774 (05120308)	0.00976 (07090808)	0.00916 (07090808)
3749936.4	0.00712 (07081508)	0.00574 (05120308)	0.00646 (05120308)	0.00634 (05102308)	0.00970 (07090808)
3749824.8	0.00625 (07081508)	0.00471 (07022824)	0.00532 (05120308)	0.00592 (05102308)	0.00762 (07090808)
3749713.2	0.00555 (07081508)	0.00399 (07022824)	0.00437 (05120308)	0.00461 (05102308)	0.00524 (05102308)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 374263.04	374384.76	374506.48	374628.20	374749.92
3751945.8	0.00611 (05082808)	0.00325 (07070124)	0.00315 (06051624)	0.00305 (05071708)	0.00286 (05071708)
3751834.1	0.00489 (05082808)	0.00367 (06051624)	0.00354 (05071708)	0.00333 (05071708)	0.00345 (05082708)
3751722.5	0.00431 (06051624)	0.00422 (06051624)	0.00395 (05071708)	0.00416 (05082708)	0.00608 (05082708)
3751610.9	0.00522 (06051624)	0.00479 (05071708)	0.00509 (05082708)	0.00723 (05082708)	0.00812 (05082708)
3751499.2	0.00600 (05071708)	0.00635 (05082708)	0.00864 (05082708)	0.00889 (05082708)	0.00708 (05082708)
3751387.6	0.00810 (05082708)	0.01030 (05082708)	0.00945 (05082708)	0.00659 (05082708)	0.00450 (05082424)
3751276.0	0.01217 (05082708)	0.00958 (05082708)	0.00625 (05082424)	0.00557 (05090224)	0.00534 (05090224)
3751164.4	0.00950 (06090924)	0.00823 (05090224)	0.00758 (05090224)	0.00659 (05090224)	0.00552 (05090224)
3751052.7	0.01177 (05090224)	0.00938 (05090224)	0.00724 (05090224)	0.00586 (05121424)	0.00493 (05121424)
3750941.1	0.01061 (05121424)	0.00805 (05121424)	0.00652 (07120224)	0.00559 (07120224)	0.00483 (07120224)
3750829.5	0.01077 (07120224)	0.00843 (07120224)	0.00680 (07120224)	0.00561 (07120224)	0.00471 (07120224)
3750717.8	0.01087c(06072908)	0.00854c(06072908)	0.00688c(06072908)	0.00567c(06072908)	0.00475c(06072908)
3750606.2	0.00923 (07090708)	0.00766 (07090708)	0.00652 (07031508)	0.00573 (07031508)	0.00488c(06072908)
3750494.6	0.00819 (05070208)	0.00594 (05070208)	0.00516 (07090708)	0.00468 (07090708)	0.00497 (07031508)
3750382.9	0.00729 (05070208)	0.00651 (05070208)	0.00530 (05070208)	0.00410 (05070208)	0.00322 (07090708)
3750271.3	0.00622 (06051408)	0.00661 (07091108)	0.00506 (07091108)	0.00451 (05070208)	0.00378 (05070208)
3750159.7	0.00647 (06081608)	0.00490 (05021408)	0.00574 (07091108)	0.00520 (07091108)	0.00374 (05070208)
3750048.1	0.00534 (06081608)	0.00572 (06081608)	0.00423 (05021408)	0.00483 (07091108)	0.00501 (07091108)
3749936.4	0.00685 (07090808)	0.00498 (06081608)	0.00515 (06081608)	0.00370 (05021408)	0.00400 (07091108)
3749824.8	0.00858 (07090808)	0.00500 (07090808)	0.00467 (06081608)	0.00469 (06081608)	0.00327 (05021408)
3749713.2	0.00810 (07090808)	0.00708 (07090808)	0.00363 (07090808)	0.00439 (06081608)	0.00431 (06081608)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 374871.64

Site #17 – Localized CO Concentrations

```
 3751945.8 |      0.00290 (05082708)
 3751834.1 |      0.00513 (05082708)
 3751722.5 |      0.00728 (05082708)
 3751610.9 |      0.00719 (05082708)
 3751499.2 |      0.00464 (05082708)
 3751387.6 |      0.00409 (06081408)
 3751276.0 |      0.00488 (05090224)
 3751164.4 |      0.00454 (05090224)
 3751052.7 |      0.00417 (05121424)
 3750941.1 |      0.00420 (07120224)
 3750829.5 |      0.00402 (07120224)
 3750717.8 |      0.00404c(06072908)
 3750606.2 |      0.00426c(06072908)
 3750494.6 |      0.00501 (07031508)
 3750382.9 |      0.00306 (07090708)
 3750271.3 |      0.00305 (05070208)
 3750159.7 |      0.00335 (05070208)
 3750048.1 |      0.00396 (07091108)
 3749936.4 |      0.00462 (07091108)
 3749824.8 |      0.00329 (07091108)
 3749713.2 |      0.00291 (05021408)
 *** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                    ***        10/26/10
                                   ***                                                                 ***        16:48:41
                                                                                                                  PAGE  20
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF CO       IN PPM                                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372647.17   3750290.48        0.00828  (06110508)              373224.49   3750294.52        0.01658  (05112808)
       373809.89   3750290.48        0.01315  (05120308)              374411.43   3750290.48        0.00624  (07091108)
       373842.19   3751158.48        0.01744  (05092224)              373822.00   3751416.86        0.01098  (05110224)
       374060.20   3751340.15        0.00920  (05071708)
 *** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                    ***        10/26/10
                                   ***                                                                 ***        16:48:41
                                                                                                                  PAGE  21
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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


                                    ** CONC OF CO       IN PPM                                  **

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

 ALL      HIGH  1ST HIGH VALUE IS       0.23004  ON 05062305: AT (  373654.44,  3750717.83,    10.00,    10.00,    0.00)  GC  UCART2


  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
  *** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                    ***        10/26/10
                                    ***                                                                 ***        16:48:41
                                                                                                                   PAGE  22
  **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                                NODRYDPLT NOWETDPLT

                                         *** THE SUMMARY OF HIGHEST  8-HR RESULTS ***


                                     ** CONC OF CO       IN PPM                                  **

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

 ALL      HIGH  1ST HIGH VALUE IS       0.10030  ON 05012908: AT (  373654.44,  3750717.83,    10.00,    10.00,    0.00)  GC  UCART2


  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
  *** AERMOD - VERSION 09292 ***    *** Site 15 - CO                                                    ***        10/26/10
                                    ***                                                                 ***        16:48:41
                                                                                                                   PAGE  23
  **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                                NODRYDPLT NOWETDPLT

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

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

  A Total of            0 Fatal Error Message(s)
  A Total of            0 Warning Message(s)
  A Total of          152 Informational Message(s)

  A Total of        26280 Hours Were Processed

  A Total of           15 Calm Hours Identified

  A Total of          137 Missing Hours Identified (  0.52 Percent)


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


     ********   WARNING MESSAGES   ********
               ***  NONE  ***


     ************************************
```

Site #17 – Localized NO_2 Concentrations

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 17\NO2.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Site 17 - NO2
   MODELOPT  CONC NODRYDPLT NOWETDPLT FLAT
   AVERTIME 1 ANNUAL
   POLLUTID NOX
   RUNORNOT RUN
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1 VOLUME 373572.330 3750796.920 0.0
** DESCRSRC Equipment
** Source Parameters **
   SRCPARAM VOL1 0.0798 4.100 46.783 1.163
   CONCUNIT 531.5 GRAMS/SEC PPM
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   GRIDCART UCART2 STA
                  XYINC 372437.24 21 121.72 3749713.16 21 111.63
   GRIDCART UCART2 END
** DESCRREC "" ""
   DISCCART    372647.17   3750290.48
   DISCCART    373224.49   3750294.52
   DISCCART    373809.89   3750290.48
   DISCCART    374411.43   3750290.48
   DISCCART    373842.19   3751158.48
   DISCCART    373822.00   3751416.86
   DISCCART    374060.20   3751340.15
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
   PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   PROFBASE 10 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST NO2.AD\01H1GALL.PLT
   PLOTFILE ANNUAL ALL NO2.AD\AN00GALL.PLT
OU FINISHED

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

 *** AERMOD - VERSION 09292 ***    *** Site 17 - NO2                                                    ***        10/26/10
                                   ***                                                                  ***        16:53:49
                                                                                                                   PAGE   1
 **MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                 NODRYDPLT NOWETDPLT

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

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses RURAL Dispersion Only.

 **Model Allows User-Specified Options:
        1. Stack-tip Downwash.
        2. Model Assumes Receptors on FLAT Terrain.
        3. Use Calms Processing Routine.
```

Site #17 – Localized NO_2 Concentrations

```
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes:      1 Source(s);       1 Source Group(s); and     448 Receptor(s)

**The Model Assumes A Pollutant Type of:  NOX

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

**Output Options Selected:
         Model Outputs Tables of ANNUAL 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)

**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) =    10.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                           ;  Emission Rate Unit Factor =    531.50
                 Output Units   = PPM

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

*** AERMOD - VERSION 09292 ***    *** Site 17 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        16:53:49
                                                                                                                        PAGE   2
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                                *** VOLUME SOURCE DATA ***

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

  VOL1          0   0.79800E-01  373572.3 3750796.9    10.0     4.10    46.78     1.16     NO
*** AERMOD - VERSION 09292 ***    *** Site 17 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        16:53:49
                                                                                                                        PAGE   3
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                             *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                              SOURCE IDs


 ALL       VOL1    ,
*** AERMOD - VERSION 09292 ***    *** Site 17 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        16:53:49
                                                                                                                        PAGE   4
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                          *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                     *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                            *** X-COORDINATES OF GRID ***
                                                     (METERS)

      372437.2,  372559.0,  372680.7,  372802.4,  372924.1,  373045.8,  373167.6,  373289.3,  373411.0,  373532.7,
      373654.4,  373776.2,  373897.9,  374019.6,  374141.3,  374263.0,  374384.8,  374506.5,  374628.2,  374749.9,
      374871.6,

                                            *** Y-COORDINATES OF GRID ***
                                                     (METERS)

     3749713.2, 3749824.8, 3749936.4, 3750048.1, 3750159.7, 3750271.3, 3750382.9, 3750494.6, 3750606.2, 3750717.8,
     3750829.5, 3750941.1, 3751052.7, 3751164.4, 3751276.0, 3751387.6, 3751499.2, 3751610.9, 3751722.5, 3751834.1,
     3751945.8,
*** AERMOD - VERSION 09292 ***    *** Site 17 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        16:53:49
                                                                                                                        PAGE   5
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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

    ( 372647.2, 3750290.5,      10.0,      10.0,       0.0);         ( 373224.5, 3750294.5,      10.0,      10.0,       0.0);
    ( 373809.9, 3750290.5,      10.0,      10.0,       0.0);         ( 374411.4, 3750290.5,      10.0,      10.0,       0.0);
    ( 373842.2, 3751158.5,      10.0,      10.0,       0.0);         ( 373822.0, 3751416.9,      10.0,      10.0,       0.0);
    ( 374060.2, 3751340.1,      10.0,      10.0,       0.0);
*** AERMOD - VERSION 09292 ***    *** Site 17 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        16:53:49
                                                                                                                        PAGE   6
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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


                                SOURCE         - - RECEPTOR LOCATION - -         DISTANCE
                                  ID           XR (METERS)   YR (METERS)         (METERS)
                               - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

                                VOL1              373532.7     3750717.8           -12.13
                                VOL1              373532.7     3750829.5           -49.32
                                VOL1              373654.4     3750829.5           -12.26
*** AERMOD - VERSION 09292 ***    *** Site 17 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        16:53:49
```

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

Site #17 – Localized NO_2 Concentrations

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 373532.72	373654.44	373776.16	373897.88	374019.60	374141.32	374263.04	374384.76	374506.48
3751945.76	0.00017	0.00017	0.00017	0.00017	0.00017	0.00016	0.00015	0.00014	0.00013
3751834.13	0.00020	0.00020	0.00020	0.00020	0.00019	0.00018	0.00017	0.00016	0.00015
3751722.50	0.00023	0.00024	0.00024	0.00024	0.00022	0.00021	0.00020	0.00019	0.00018
3751610.87	0.00029	0.00029	0.00029	0.00028	0.00026	0.00025	0.00023	0.00022	0.00021
3751499.24	0.00036	0.00037	0.00037	0.00035	0.00032	0.00030	0.00029	0.00027	0.00025
3751387.61	0.00046	0.00048	0.00048	0.00044	0.00041	0.00038	0.00036	0.00033	0.00029
3751275.98	0.00063	0.00067	0.00064	0.00059	0.00054	0.00050	0.00044	0.00038	0.00032
3751164.35	0.00092	0.00100	0.00093	0.00084	0.00075	0.00063	0.00051	0.00040	0.00032
3751052.72	0.00151	0.00171	0.00154	0.00128	0.00098	0.00071	0.00052	0.00039	0.00031
3750941.09	0.00295	0.00392	0.00277	0.00166	0.00102	0.00068	0.00048	0.00037	0.00029
3750829.46	0.00000	0.00000	0.00312	0.00149	0.00089	0.00060	0.00044	0.00034	0.00027
3750717.83	0.00000	0.00273	0.00181	0.00105	0.00070	0.00050	0.00038	0.00030	0.00024
3750606.20	0.00250	0.00159	0.00105	0.00073	0.00053	0.00040	0.00032	0.00026	0.00021
3750494.57	0.00111	0.00092	0.00072	0.00053	0.00042	0.00033	0.00027	0.00022	0.00019
3750382.94	0.00067	0.00060	0.00053	0.00041	0.00033	0.00028	0.00023	0.00020	0.00017
3750271.31	0.00047	0.00042	0.00040	0.00034	0.00027	0.00023	0.00020	0.00018	0.00015
3750159.68	0.00035	0.00032	0.00030	0.00028	0.00024	0.00019	0.00017	0.00015	0.00014
3750048.05	0.00027	0.00025	0.00024	0.00023	0.00021	0.00017	0.00015	0.00013	0.00012
3749936.42	0.00022	0.00020	0.00019	0.00019	0.00018	0.00016	0.00013	0.00012	0.00011
3749824.79	0.00018	0.00017	0.00016	0.00016	0.00015	0.00014	0.00012	0.00011	0.00010
3749713.16	0.00015	0.00014	0.00014	0.00013	0.00013	0.00013	0.00011	0.00010	0.00009

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 374628.20	374749.92	374871.64
3751945.76	0.00013	0.00013	0.00012
3751834.13	0.00015	0.00014	0.00014
3751722.50	0.00017	0.00017	0.00016
3751610.87	0.00020	0.00019	0.00017
3751499.24	0.00023	0.00021	0.00019
3751387.61	0.00026	0.00022	0.00019
3751275.98	0.00027	0.00022	0.00019
3751164.35	0.00026	0.00021	0.00018
3751052.72	0.00025	0.00020	0.00017
3750941.09	0.00024	0.00020	0.00017
3750829.46	0.00022	0.00019	0.00016
3750717.83	0.00020	0.00017	0.00015
3750606.20	0.00018	0.00015	0.00013
3750494.57	0.00016	0.00014	0.00012
3750382.94	0.00014	0.00013	0.00011
3750271.31	0.00013	0.00012	0.00010
3750159.68	0.00012	0.00011	0.00010
3750048.05	0.00011	0.00010	0.00009
3749936.42	0.00010	0.00009	0.00008
3749824.79	0.00009	0.00008	0.00008
3749713.16	0.00008	0.00007	0.00007

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN PPM **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372647.17	3750290.48	0.00060	373224.49	3750294.52	0.00085
373809.89	3750290.48	0.00040	374411.43	3750290.48	0.00017
373842.19	3751158.48	0.00090	373822.00	3751416.86	0.00043
374060.20	3751340.15	0.00045			

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372437.24	372558.96	372680.68	372802.40	372924.12
3751945.8	0.02074 (05082506)	0.02200 (05082506)	0.02452 (07091203)	0.02849 (05082505)	0.02638 (07070205)
3751834.1	0.02323 (07090105)	0.02372 (05082506)	0.02270 (05102724)	0.02564 (07022024)	0.02675 (05082505)
3751722.5	0.02701 (06071402)	0.02565 (07090105)	0.02701 (05082506)	0.02634 (07091203)	0.03041 (07022024)

Site #17 – Localized NO_2 Concentrations

```
3751610.9 |      0.01691 (06110122)      0.02800 (06071402)      0.02842 (07090105)      0.03046 (05082506)      0.03147 (07091203)
3751499.2 |      0.02633 (06110122)      0.02294 (06110122)      0.02845 (06071402)      0.03154 (07090105)      0.03368 (05082506)
3751387.6 |      0.02709 (06062903)      0.02959 (07062723)      0.02944 (06110122)      0.02804 (06071402)      0.03492 (07090105)
3751276.0 |      0.02809 (06090102)      0.02641 (06090102)      0.03219 (06062903)      0.03437 (06110122)      0.02630 (06071402)
3751164.4 |      0.02607 (06120524)      0.02472 (06090102)      0.03294 (06090102)      0.03164 (06062903)      0.03763 (07062723)
3751052.7 |      0.02851 (06100301)      0.03198 (06100301)      0.03395 (06120524)      0.03291 (06120524)      0.03732 (06090102)
3750941.1 |      0.02907 (05042101)      0.03063 (05042101)      0.03255 (07091603)      0.03697 (07091603)      0.03844 (05020723)
3750829.5 |      0.02999 (07091605)      0.03218 (05092201)      0.03467 (05092201)      0.03703 (05092201)      0.03888 (05092201)
3750717.8 |      0.02410 (06111920)      0.02479 (06111920)      0.02946 (07091002)      0.03450 (07091002)      0.03865 (07072004)
3750606.2 |      0.02910 (07102602)      0.03195 (07102602)      0.03401 (07042503)      0.03636 (07042503)      0.03878 (07012823)
3750494.6 |      0.02870 (05101822)      0.03149 (05101822)      0.03054 (07031304)      0.03612 (07031304)      0.03825 (07012320)
3750382.9 |      0.02829 (07031304)      0.03073 (05083124)      0.03320 (07012320)      0.03529 (06111722)      0.03584 (05043001)
3750271.3 |      0.02825 (07012320)      0.02993 (06111722)      0.03203 (05043001)      0.02722 (05043001)      0.03550 (06053102)
3750159.7 |      0.02608 (06111722)      0.02816 (05043001)      0.02679 (05011420)      0.03278 (06053102)      0.03448 (05041623)
3750048.1 |      0.02218 (05043001)      0.02630 (05011420)      0.02979 (06053102)      0.03142 (05041623)      0.03213 (05060605)
3749936.4 |      0.02494 (05011420)      0.02688 (06053102)      0.02916 (07081202)      0.02947 (07070105)      0.02847 (05083004)
3749824.8 |      0.02537 (07091205)      0.02765 (07081202)      0.02719 (06090101)      0.02815 (05083004)      0.02978 (05050324)
3749713.2 |      0.02610 (07081202)      0.02661 (06090101)      0.02566 (05083004)      0.02622 (05050324)      0.02885 (07070203)
*** AERMOD - VERSION 09292 ***    *** Site 17 - NO2                                                    ***       10/26/10
                                  ***                                                                  ***       16:53:49
                                                                                                                 PAGE  14
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373045.84             373167.56             373289.28             373411.00             373532.72
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3751945.8 |      0.02745 (05052222)      0.02870 (06090404)      0.01861 (06070502)      0.02910 (07072704)      0.02623 (05082924)
3751834.1 |      0.02980 (06100302)      0.03090 (07062501)      0.02624 (06070502)      0.03147 (05052102)      0.02897 (05082924)
3751722.5 |      0.03110 (07070205)      0.03093 (05052222)      0.03279 (06070502)      0.03316 (05052102)      0.03189 (05082924)
3751610.9 |      0.03161 (05082505)      0.03444 (06100302)      0.03556 (06090404)      0.03294 (05052102)      0.03486 (05082924)
3751499.2 |      0.03411 (07091203)      0.03635 (07070205)      0.03740 (07070102)      0.03010 (05052102)      0.03761 (05082924)
3751387.6 |      0.03588 (05082506)      0.03804 (07022024)      0.03900 (05052222)      0.03610 (06070502)      0.03959 (05082924)
3751276.0 |      0.03819 (07090105)      0.03781 (05102724)      0.04015 (07070205)      0.03991 (06090404)      0.04033 (07091801)
3751164.4 |      0.03522 (06110122)      0.04033 (07090105)      0.04017 (07091203)      0.04125 (05072206)      0.03779 (07091801)
3751052.7 |      0.03808 (06062903)      0.04031 (06110122)      0.03853 (07090105)      0.04022 (07020123)      0.04432 (06082303)
3750941.1 |      0.04016 (06120524)      0.03641 (06090102)      0.04119 (07072706)      0.04815 (07091624)      0.05504 (06082205)
3750829.5 |      0.04012 (05121223)      0.04084 (07101207)      0.04181 (05020502)      0.05358 (07051224)      0.00000 (00000000)
3750717.8 |      0.04029 (07072004)      0.03835 (07062701)      0.04117 (07091604)      0.05202 (06101806)      0.00000 (00000000)
3750606.2 |      0.03945 (07031304)      0.03935 (07012320)      0.03778 (06111503)      0.04517 (07091602)      0.05032 (06041223)
3750494.6 |      0.03904 (05043001)      0.03952 (05121222)      0.04136 (05121721)      0.04184 (06022502)      0.04009 (06110907)
3750382.9 |      0.03892 (05011420)      0.04025 (05121721)      0.04052 (07081306)      0.03912 (07042204)      0.03940 (07072801)
3750271.3 |      0.03723 (05041623)      0.03797 (05083004)      0.03972 (07013021)      0.04001 (05042905)      0.04039 (07112120)
3750159.7 |      0.03605 (05083004)      0.03738 (07041702)      0.03850 (07120105)      0.03741 (06041123)      0.03933 (07112120)
3750048.1 |      0.03211 (05091106)      0.03528 (07013021)      0.03643 (06090204)      0.03613 (07062204)      0.03767 (06111620)
3749936.4 |      0.03255 (06110719)      0.03249 (07120105)      0.03372 (05042905)      0.03477 (07092602)      0.03550 (06111620)
3749824.8 |      0.03117 (06041124)      0.03155 (05062702)      0.03259 (06041123)      0.03303 (05102823)      0.03308 (06111620)
3749713.2 |      0.03038 (07072705)      0.02974 (06090204)      0.02919 (06041123)      0.03083 (05102823)      0.03064 (06111620)
*** AERMOD - VERSION 09292 ***    *** Site 17 - NO2                                                    ***       10/26/10
                                  ***                                                                  ***       16:53:49
                                                                                                                 PAGE  15
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373654.44             373776.16             373897.88             374019.60             374141.32
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3751945.8 |      0.02892 (07091802)      0.02623 (07040123)      0.02636 (07122005)      0.02769 (05101302)      0.01984 (07091723)
3751834.1 |      0.03151 (07091802)      0.02498 (07040123)      0.02655 (07062524)      0.02988 (07091723)      0.01420 (07070124)
3751722.5 |      0.03392 (07091802)      0.02793 (07122005)      0.03296 (07062524)      0.02675 (07091723)      0.02706 (07070124)
3751610.9 |      0.03583 (07091802)      0.03387 (07122005)      0.03497 (05101302)      0.01961 (07070124)      0.03235 (07070124)
3751499.2 |      0.03733 (07040123)      0.03622 (07122005)      0.03499 (07091723)      0.03467 (07070124)      0.02780 (07092823)
3751387.6 |      0.03995 (07040123)      0.03902 (07062524)      0.02676 (07070124)      0.03235 (07070124)      0.03561 (07062202)
3751276.0 |      0.03930 (07040123)      0.04044 (07091723)      0.03986 (07070124)      0.03918 (07062202)      0.03268 (07062424)
3751164.4 |      0.03964 (07122005)      0.03226 (07070124)      0.04145 (07092823)      0.03201 (07062424)      0.03811 (05051501)
3751052.7 |      0.04314 (07070223)      0.03824 (07092923)      0.03406 (05051501)      0.03751 (06083124)      0.03931 (07100322)
3750941.1 |      0.05337 (06060124)      0.04518 (07121420)      0.03728 (07100322)      0.03699 (07112919)      0.03780 (05071903)
3750829.5 |      0.00000 (00000000)      0.04852 (07082001)      0.03870 (05050322)      0.03937 (06061524)      0.03969 (06061524)
3750717.8 |      0.05852 (07061306)      0.04808 (05052123)      0.03783 (07062902)      0.03042 (07020421)      0.03377 (05070723)
3750606.2 |      0.04912 (05042301)      0.04244 (06122420)      0.03790 (07073003)      0.03995 (07081201)      0.03962 (07081802)
3750494.6 |      0.03953 (06120606)      0.03984 (06071722)      0.04064 (07072806)      0.04095 (07073003)      0.03719 (05082806)
3750382.9 |      0.04163 (07122007)      0.03956 (07081801)      0.04112 (06072803)      0.03934 (05082703)      0.03778 (05090403)
3750271.3 |      0.03928 (07122007)      0.03919 (05010120)      0.03967 (07072724)      0.03555 (05101301)      0.03690 (05082703)
3750159.7 |      0.03296 (07122007)      0.03512 (05091702)      0.03767 (05101902)      0.03535 (06071722)      0.03312 (07072005)
3750048.1 |      0.03166 (05042102)      0.03700 (05091702)      0.03607 (07082105)      0.03422 (07072724)      0.03328 (05101301)
3749936.4 |      0.03169 (05042102)      0.03368 (07103023)      0.03233 (07051822)      0.03289 (05101902)      0.03031 (07072724)
3749824.8 |      0.03101 (05042102)      0.03260 (07103023)      0.03005 (07051822)      0.03131 (06053105)      0.03080 (07081203)
3749713.2 |      0.02989 (05042102)      0.02914 (07103023)      0.02778 (05091702)      0.02868 (06053105)      0.02817 (05101902)
*** AERMOD - VERSION 09292 ***    *** Site 17 - NO2                                                    ***       10/26/10
                                  ***                                                                  ***       16:53:49
                                                                                                                 PAGE  16
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       374263.04             374384.76             374506.48             374628.20             374749.92
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3751945.8 |      0.02051 (07070124)      0.02449 (07070124)      0.01720 (07092823)      0.02293 (06090306)      0.02242 (06102522)
3751834.1 |      0.02826 (07070124)      0.01667 (07070124)      0.02466 (06090306)      0.02450 (06102522)      0.02136 (07062424)
3751722.5 |      0.02468 (07070124)      0.02592 (06090306)      0.02677 (06102522)      0.02376 (07062424)      0.02661 (07062424)
```

Site #17 – Localized NO_2 Concentrations

```
3751610.9 |      0.02748 (07092823)      0.02957 (05062902)      0.02633 (07062424)      0.02729 (07062424)      0.02505 (05051501)
3751499.2 |      0.03262 (05062902)      0.02894 (07062424)      0.02718 (07062424)      0.02787 (05051501)      0.01927 (05051501)
3751387.6 |      0.03127 (07062424)      0.02992 (05051501)      0.02875 (05051501)      0.02496 (06083124)      0.02656 (06083124)
3751276.0 |      0.03563 (05051501)      0.02639 (05051501)      0.03147 (06083124)      0.02914 (07072804)      0.02645 (07112919)
3751164.4 |      0.03628 (06083124)      0.03439 (07072804)      0.03224 (07112919)      0.02782 (07112919)      0.01945 (07112919)
3751052.7 |      0.03752 (07112919)      0.02824 (07112919)      0.02621 (05071903)      0.02890 (05071903)      0.02853 (05071903)
3750941.1 |      0.03833 (05071903)      0.03629 (05091722)      0.03318 (06090106)      0.03114 (06090106)      0.02819 (07072605)
3750829.5 |      0.03767 (06061524)      0.03468 (06061524)      0.03141 (06061524)      0.02830 (06101221)      0.02630 (06101221)
3750717.8 |      0.03473 (05070723)      0.03402 (05070723)      0.03236 (05070723)      0.03023 (05070723)      0.02793 (05070723)
3750606.2 |      0.03415 (05012719)      0.02362 (05012719)      0.01579 (07081124)      0.01381 (07020421)      0.01413 (05070723)
3750494.6 |      0.03648 (07082904)      0.03416 (07081802)      0.03241 (07081802)      0.02684 (05012719)      0.01962 (05012719)
3750382.9 |      0.03610 (05082806)      0.03191 (07082904)      0.03157 (07082904)      0.02961 (07081201)      0.02821 (07081802)
3750271.3 |      0.03192 (05090403)      0.03066 (07073003)      0.03135 (05041521)      0.02788 (07082904)      0.02692 (07082904)
3750159.7 |      0.03371 (05082703)      0.03139 (07062901)      0.02957 (05090403)      0.02898 (05041521)      0.02667 (05041521)
3750048.1 |      0.03073 (05062305)      0.03053 (05082703)      0.03039 (07062901)      0.02695 (05090403)      0.02304 (05041521)
3749936.4 |      0.03091 (07081702)      0.03039 (05062305)      0.02761 (05082703)      0.02871 (07062901)      0.02346 (05090403)
3749824.8 |      0.02659 (06071722)      0.02973 (07092704)      0.02918 (05062305)      0.02502 (05082703)      0.02671 (07062901)
3749713.2 |      0.02747 (07081203)      0.02758 (07081702)      0.02744 (07092704)      0.02749 (05062305)      0.02274 (05082703)
*** AERMOD - VERSION 09292 ***    *** Site 17 - NO2                                                              ***        10/26/10
                                  ***                                                                            ***        16:53:49
                                                                                                                            PAGE  17
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                      **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       374871.64
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3751945.8 |      0.01918 (07062424)
3751834.1 |      0.02546 (07062424)
3751722.5 |      0.02144 (05051501)
3751610.9 |      0.02108 (05051501)
3751499.2 |      0.02274 (06083124)
3751387.6 |      0.02471 (07072804)
3751276.0 |      0.02514 (07112919)
3751164.4 |      0.01705 (05071903)
3751052.7 |      0.02604 (05091722)
3750941.1 |      0.02674 (07072605)
3750829.5 |      0.02445 (06101221)
3750717.8 |      0.02736 (06112321)
3750606.2 |      0.01527 (05070723)
3750494.6 |      0.01300 (05012719)
3750382.9 |      0.02505 (07081802)
3750271.3 |      0.02533 (07081201)
3750159.7 |      0.02416 (07082904)
3750048.1 |      0.02729 (05041521)
3749936.4 |      0.02142 (05090403)
3749824.8 |      0.02146 (07062901)
3749713.2 |      0.02462 (07062901)
*** AERMOD - VERSION 09292 ***    *** Site 17 - NO2                                                              ***        10/26/10
                                  ***                                                                            ***        16:53:49
                                                                                                                            PAGE  18
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF NOX      IN PPM                                      **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372647.17   3750290.48        0.03146  (06111722)               373224.49   3750294.52        0.03890  (05091106)
       373809.89   3750290.48        0.03972  (07082105)               374411.43   3750290.48        0.03237  (05082806)
       373842.19   3751158.48        0.03706  (07070124)               373822.00   3751416.86        0.03898  (05101302)
       374060.20   3751340.15        0.03724  (07062202)
*** AERMOD - VERSION 09292 ***    *** Site 17 - NO2                                                              ***        10/26/10
                                  ***                                                                            ***        16:53:49
                                                                                                                            PAGE  19
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                                  *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER   3 YEARS ***


                                   ** CONC OF NOX      IN PPM                                      **

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

ALL      1ST HIGHEST VALUE IS       0.00670 AT (  373411.00,  3750717.83,    10.00,    10.00,    0.00)  GC  UCART2
         2ND HIGHEST VALUE IS       0.00392 AT (  373654.44,  3750941.09,    10.00,    10.00,    0.00)  GC  UCART2
         3RD HIGHEST VALUE IS       0.00386 AT (  373411.00,  3750606.20,    10.00,    10.00,    0.00)  GC  UCART2
         4TH HIGHEST VALUE IS       0.00365 AT (  373411.00,  3750829.46,    10.00,    10.00,    0.00)  GC  UCART2
         5TH HIGHEST VALUE IS       0.00324 AT (  373289.28,  3750606.20,    10.00,    10.00,    0.00)  GC  UCART2
         6TH HIGHEST VALUE IS       0.00312 AT (  373776.16,  3750829.46,    10.00,    10.00,    0.00)  GC  UCART2
         7TH HIGHEST VALUE IS       0.00304 AT (  373289.28,  3750717.83,    10.00,    10.00,    0.00)  GC  UCART2
         8TH HIGHEST VALUE IS       0.00295 AT (  373532.72,  3750941.09,    10.00,    10.00,    0.00)  GC  UCART2
         9TH HIGHEST VALUE IS       0.00277 AT (  373776.16,  3750941.09,    10.00,    10.00,    0.00)  GC  UCART2
        10TH HIGHEST VALUE IS       0.00273 AT (  373654.44,  3750717.83,    10.00,    10.00,    0.00)  GC  UCART2


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
*** AERMOD - VERSION 09292 ***    *** Site 17 - NO2                                                              ***        10/26/10
                                  ***                                                                            ***        16:53:49
                                                                                                                            PAGE  20
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                                 *** THE SUMMARY OF HIGHEST  1-HR RESULTS ***
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Site #17 – Localized NO_2 Concentrations

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                                  ** CONC OF NOX      IN PPM                                  **

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

ALL      HIGH  1ST HIGH VALUE IS       0.05852  ON 07061306: AT (  373654.44,  3750717.83,    10.00,    10.00,    0.00)  GC  UCART2


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Site 17 - NO2                                                          ***        10/26/10
                                   ***                                                                        ***        16:53:49
                                                                                                                         PAGE  21
 **MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                 NODRYDPLT NOWETDPLT

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            0 Warning Message(s)
 A Total of          152 Informational Message(s)

 A Total of        26280 Hours Were Processed

 A Total of           15 Calm Hours Identified

 A Total of          137 Missing Hours Identified (  0.52 Percent)


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


    ********   WARNING MESSAGES   ********
               ***  NONE  ***


    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
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Site #17 – Localized PM_{10} Concentrations

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**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 17\PM10.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Site 17 - PM10
   MODELOPT  CONC NODRYDPLT NOWETDPLT FLAT
   AVERTIME 24
   URBANOPT 9862049
   POLLUTID PM10.
   RUNORNOT RUN
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1 VOLUME 373572.330 3750796.920 0.0
** DESCRSRC Equipment
   LOCATION AREA1 AREA 373472.833 3750697.423 0.0
** DESCRSRC Equipment
** Source Parameters **
   SRCPARAM VOL1 0.0404 4.100 46.783 1.163
   SRCPARAM AREA1 0.0000483832 0.000 201.168 201.168 0.000
   URBANSRC VOL1
   URBANSRC AREA1
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                  XYINC 371970.44 50 30.00 3756971.30 50 30.00
   GRIDCART UCART1 END
   GRIDCART UCART2 STA
                  XYINC 372437.24 21 121.72 3749713.16 21 111.63
   GRIDCART UCART2 END
** DESCRREC "" ""
   DISCCART    372647.17   3750290.48
   DISCCART    373224.49   3750294.52
   DISCCART    373809.89   3750290.48
   DISCCART    374411.43   3750290.48
   DISCCART    373842.19   3751158.48
   DISCCART    373822.00   3751416.86
   DISCCART    374060.20   3751340.15
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
   PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   PROFBASE 10 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST PM10.AD\24H1GALL.PLT
OU FINISHED

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

 *** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                    ***        10/26/10
                                   ***                                                                   ***        17:09:02
                                                                                                                    PAGE   1
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F
```

Site #17 – Localized PM_{10} Concentrations

```
**Model Uses URBAN Dispersion Algorithm for the SBL for     2 Source(s),
  for Total of    1 Urban Area(s):
  Urban Population =   9862049.0 ;  Urban Roughness Length =  1.000 m

**Model Allows User-Specified Options:
       1. Stack-tip Downwash.
       2. Model Assumes Receptors on FLAT Terrain.
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.
       6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates  1 Short Term Average(s) of:  24-HR

**This Run Includes:      2 Source(s);       1 Source Group(s); and    2948 Receptor(s)

**The Model Assumes A Pollutant Type of:  PM10.

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

**Output Options Selected:
        Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
        Model Outputs External File(s) of High Values for Plotting (PLOTFILE 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) =    10.00 ;  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 =      3.8 MB of RAM.

*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        17:09:02
                                                                                                                   PAGE   2
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                            *** VOLUME SOURCE DATA ***

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

  VOL1          0   0.40400E-01  373572.3 3750796.9    10.0     4.10    46.78     1.16     YES
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        17:09:02
                                                                                                                   PAGE   3
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                            *** AREA SOURCE DATA ***

            NUMBER EMISSION RATE  COORD (SW CORNER)  BASE     RELEASE  X-DIM     Y-DIM    ORIENT.    INIT.   URBAN  EMISSION RATE
   SOURCE     PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF AREA   OF AREA   OF AREA     SZ     SOURCE  SCALAR VARY
     ID       CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS) (METERS)  (METERS)   (DEG.)  (METERS)             BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  AREA1         0   0.48383E-04  373472.8 3750697.4    10.0     0.00    201.17    201.17      0.00     0.00     YES
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        17:09:02
                                                                                                                   PAGE   4
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                          SOURCE IDs


 ALL       VOL1    , AREA1   ,
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        17:09:02
                                                                                                                   PAGE   5
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                           *** X-COORDINATES OF GRID ***
                                                     (METERS)

      371970.4,  372000.4,  372030.4,  372060.4,  372090.4,  372120.4,  372150.4,  372180.4,  372210.4,  372240.4,
      372270.4,  372300.4,  372330.4,  372360.4,  372390.4,  372420.4,  372450.4,  372480.4,  372510.4,  372540.4,
      372570.4,  372600.4,  372630.4,  372660.4,  372690.4,  372720.4,  372750.4,  372780.4,  372810.4,  372840.4,
      372870.4,  372900.4,  372930.4,  372960.4,  372990.4,  373020.4,  373050.4,  373080.4,  373110.4,  373140.4,
      373170.4,  373200.4,  373230.4,  373260.4,  373290.4,  373320.4,  373350.4,  373380.4,  373410.4,  373440.4,


                                           *** Y-COORDINATES OF GRID ***
                                                     (METERS)

     3756971.3, 3757001.3, 3757031.3, 3757061.3, 3757091.3, 3757121.3, 3757151.3, 3757181.3, 3757211.3, 3757241.3,
     3757271.3, 3757301.3, 3757331.3, 3757361.3, 3757391.3, 3757421.3, 3757451.3, 3757481.3, 3757511.3, 3757541.3,
     3757571.3, 3757601.3, 3757631.3, 3757661.3, 3757691.3, 3757721.3, 3757751.3, 3757781.3, 3757811.3, 3757841.3,
     3757871.3, 3757901.3, 3757931.3, 3757961.3, 3757991.3, 3758021.3, 3758051.3, 3758081.3, 3758111.3, 3758141.3,
     3758171.3, 3758201.3, 3758231.3, 3758261.3, 3758291.3, 3758321.3, 3758351.3, 3758381.3, 3758411.3, 3758441.3,

*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        17:09:02
                                                                                                                   PAGE   6
**MODELOPTs:  NonDFAULT CONC                                  FLAT
```

Site #17 – Localized PM_{10} Concentrations

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                                                NODRYDPLT NOWETDPLT

                                      *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                   *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                          *** X-COORDINATES OF GRID ***
                                                  (METERS)

      372437.2,  372559.0,  372680.7,  372802.4,  372924.1,  373045.8,  373167.6,  373289.3,  373411.0,  373532.7,
      373654.4,  373776.2,  373897.9,  374019.6,  374141.3,  374263.0,  374384.8,  374506.5,  374628.2,  374749.9,
      374871.6,

                                          *** Y-COORDINATES OF GRID ***
                                                  (METERS)

     3749713.2, 3749824.8, 3749936.4, 3750048.1, 3750159.7, 3750271.3, 3750382.9, 3750494.6, 3750606.2, 3750717.8,
     3750829.5, 3750941.1, 3751052.7, 3751164.4, 3751276.0, 3751387.6, 3751499.2, 3751610.9, 3751722.5, 3751834.1,
     3751945.8,
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        17:09:02
                                                                                                                         PAGE   7
**MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                NODRYDPLT NOWETDPLT

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

    ( 372647.2, 3750290.5,      10.0,      10.0,       0.0);         ( 373224.5, 3750294.5,      10.0,      10.0,       0.0);
    ( 373809.9, 3750290.5,      10.0,      10.0,       0.0);         ( 374411.4, 3750290.5,      10.0,      10.0,       0.0);
    ( 373842.2, 3751158.5,      10.0,      10.0,       0.0);         ( 373822.0, 3751416.9,      10.0,      10.0,       0.0);
    ( 374060.2, 3751340.1,      10.0,      10.0,       0.0);
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        17:09:02
                                                                                                                         PAGE   8
**MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                NODRYDPLT NOWETDPLT

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


                                SOURCE         - - RECEPTOR LOCATION - -         DISTANCE
                                  ID           XR (METERS)   YR (METERS)         (METERS)
                               - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

                                VOL1              373532.7     3750717.8           -12.13
                                VOL1              373532.7     3750829.5           -49.32
                                VOL1              373654.4     3750829.5           -12.26
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        17:09:02
                                                                                                                         PAGE   9
**MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                NODRYDPLT NOWETDPLT

                                        *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                  (1=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
              NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.


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

                                                1.54,   3.09,   5.14,   8.23,  10.80,
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        17:09:02
                                                                                                                         PAGE  10
**MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                NODRYDPLT NOWETDPLT

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

  Surface file:   L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC    Met Version:  06341
  Profile file:   L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL
  Surface format: FREE
  Profile format: FREE
  Surface station no.:        0                 Upper air station no.:     3190
                Name: UNKNOWN                                   Name: UNKNOWN
                Year:   2005                                    Year:   2005

 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 05 01 01   1 01   -3.3  0.062 -9.000 -9.000 -999.   35.      6.5  0.26   1.00   1.00    1.10   52.    9.1  282.5    5.5
 05 01 01   1 02   -3.9  0.073 -9.000 -9.000 -999.   45.      8.9  0.26   1.00   1.00    1.30   51.    9.1  282.0    5.5
 05 01 01   1 03   -2.7  0.056 -9.000 -9.000 -999.   30.      5.9  0.26   1.00   1.00    1.00   48.    9.1  281.4    5.5
 05 01 01   1 04   -2.3  0.056 -9.000 -9.000 -999.   30.      6.8  0.26   1.00   1.00    1.00   52.    9.1  280.9    5.5
 05 01 01   1 05   -2.8  0.062 -9.000 -9.000 -999.   35.      7.5  0.26   1.00   1.00    1.10   62.    9.1  281.4    5.5
 05 01 01   1 06   -5.3  0.078 -9.000 -9.000 -999.   51.      8.2  0.26   1.00   1.00    1.40   64.    9.1  280.9    5.5
 05 01 01   1 07   -3.9  0.067 -9.000 -9.000 -999.   40.      7.0  0.26   1.00   1.00    1.20   55.    9.1  280.4    5.5
 05 01 01   1 08   -4.9  0.078 -9.000 -9.000 -999.   51.      8.8  0.26   1.00   0.53    1.40   76.    9.1  280.9    5.5
 05 01 01   1 09   45.2  0.282  0.524  0.005  115.  344.    -44.6  0.26   1.00   0.30    2.20   78.    9.1  283.1    5.5
 05 01 01   1 10  114.4  0.293  1.397  0.005  862.  365.    -19.9  0.26   1.00   0.22    2.10   83.    9.1  284.9    5.5
 05 01 01   1 11  139.9  0.299  1.673  0.010 1212.  376.    -17.3  0.26   1.00   0.19    2.10   80.    9.1  287.0    5.5
 05 01 01   1 12   15.0  0.122  0.797  0.010 1215.  125.    -10.8  0.26   1.00   0.18    0.80   30.    9.1  287.0    5.5
 05 01 01   1 13   28.1  0.223  0.983  0.010 1221.  241.    -35.4  0.26   1.00   0.18    1.70  184.    9.1  287.0    5.5
 05 01 01   1 14   17.9  0.256  0.847  0.009 1225.  298.    -84.4  0.26   1.00   0.19    2.10  201.    9.1  287.0    5.5
 05 01 01   1 15    4.2  0.231  0.521  0.009 1226.  256.   -268.6  0.26   1.00   0.22    2.00  205.    9.1  286.4    5.5
 05 01 01   1 16    0.1  0.180  0.151  0.009 1226.  176.  -5231.4  0.26   1.00   0.31    1.60  211.    9.1  286.4    5.5
 05 01 01   1 17   -1.7  0.045 -9.000 -9.000 -999.   46.      4.9  0.26   1.00   0.57    0.80  216.    9.1  285.9    5.5
 05 01 01   1 18   -0.6  0.028 -9.000 -9.000 -999.   11.      3.4  0.26   1.00   1.00    0.50   38.    9.1  285.4    5.5
 05 01 01   1 19   -0.4  0.022 -9.000 -9.000 -999.    8.      2.8  0.26   1.00   1.00    0.40  261.    9.1  284.9    5.5
```

```
05 01 01   1 20   -0.4  0.022 -9.000 -9.000 -999.    8.      2.8  0.26   1.00   1.00    0.40  337.    9.1  284.9    5.5
05 01 01   1 21   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80   12.    9.1  284.9    5.5
05 01 01   1 22   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80  360.    9.1  284.9    5.5
05 01 01   1 23   -1.9  0.050 -9.000 -9.000 -999.   26.      6.2  0.26   1.00   1.00    0.90   46.    9.1  284.2    5.5
05 01 01   1 24   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80   12.    9.1  284.2    5.5


First hour of profile data
YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
05 01 01 01    5.5 0 -999.  -99.00   282.6   99.0  -99.00  -99.00
05 01 01 01    9.1 1   52.    1.10  -999.0   99.0  -99.00  -99.00

F indicates top of profile (=1) or below (=0)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        17:09:02
                                                                                                                   PAGE  11
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       371970.44              372000.44              372030.44              372060.44              372090.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      1.54291 (06091124)      1.56092 (06091124)      1.56715 (06091124)      1.56130 (06091124)      1.54409 (06091124)
3758411.3 |      1.54625 (06091124)      1.56681 (06091124)      1.57551 (06091124)      1.57215 (06091124)      1.55718 (06091124)
3758381.3 |      1.54931 (06091124)      1.57239 (06091124)      1.58350 (06091124)      1.58260 (06091124)      1.56980 (06091124)
3758351.3 |      1.55192 (06091124)      1.57761 (06091124)      1.59124 (06091124)      1.59283 (06091124)      1.58215 (06091124)
3758321.3 |      1.55381 (06091124)      1.58220 (06091124)      1.59860 (06091124)      1.60277 (06091124)      1.59433 (06091124)
3758291.3 |      1.55504 (06091124)      1.58611 (06091124)      1.60533 (06091124)      1.61216 (06091124)      1.60616 (06091124)
3758261.3 |      1.55586 (06091124)      1.58958 (06091124)      1.61146 (06091124)      1.62092 (06091124)      1.61751 (06091124)
3758231.3 |      1.55624 (06091124)      1.59273 (06091124)      1.61727 (06091124)      1.62927 (06091124)      1.62844 (06091124)
3758201.3 |      1.55592 (06091124)      1.59531 (06091124)      1.62266 (06091124)      1.63734 (06091124)      1.63913 (06091124)
3758171.3 |      1.55490 (06091124)      1.59712 (06091124)      1.62737 (06091124)      1.64496 (06091124)      1.64950 (06091124)
3758141.3 |      1.55342 (06091124)      1.59832 (06091124)      1.63139 (06091124)      1.65190 (06091124)      1.65933 (06091124)
3758111.3 |      1.55153 (06091124)      1.59915 (06091124)      1.63499 (06091124)      1.65829 (06091124)      1.66855 (06091124)
3758081.3 |      1.54888 (06091124)      1.59941 (06091124)      1.63819 (06091124)      1.66432 (06091124)      1.67731 (06091124)
3758051.3 |      1.54542 (06091124)      1.59886 (06091124)      1.64071 (06091124)      1.66987 (06091124)      1.68572 (06091124)
3758021.3 |      1.54149 (06091124)      1.59766 (06091124)      1.64246 (06091124)      1.67471 (06091124)      1.69361 (06091124)
3757991.3 |      1.53718 (06091124)      1.59604 (06091124)      1.64367 (06091124)      1.67889 (06091124)      1.70081 (06091124)
3757961.3 |      1.53218 (06091124)      1.59384 (06091124)      1.64446 (06091124)      1.68259 (06091124)      1.70748 (06091124)
3757931.3 |      1.52642 (06091124)      1.59077 (06091124)      1.64454 (06091124)      1.68581 (06091124)      1.71373 (06091124)
3757901.3 |      1.52018 (06091124)      1.58702 (06091124)      1.64376 (06091124)      1.68827 (06091124)      1.71938 (06091124)
3757871.3 |      1.51359 (06091124)      1.58287 (06091124)      1.64242 (06091124)      1.69001 (06091124)      1.72436 (06091124)
3757841.3 |      1.50629 (06091124)      1.57819 (06091124)      1.64061 (06091124)      1.69120 (06091124)      1.72873 (06091124)
3757811.3 |      1.49815 (06091124)      1.57268 (06091124)      1.63803 (06091124)      1.69185 (06091124)      1.73258 (06091124)
3757781.3 |      1.48950 (06091124)      1.56649 (06091124)      1.63461 (06091124)      1.69171 (06091124)      1.73577 (06091124)
3757751.3 |      1.48046 (06091124)      1.55989 (06091124)      1.63059 (06091124)      1.69080 (06091124)      1.73817 (06091124)
3757721.3 |      1.47070 (06091124)      1.55275 (06091124)      1.62611 (06091124)      1.68931 (06091124)      1.73989 (06091124)
3757691.3 |      1.46015 (06091124)      1.54476 (06091124)      1.62094 (06091124)      1.68720 (06091124)      1.74106 (06091124)
3757661.3 |      1.44916 (06091124)      1.53605 (06091124)      1.61495 (06091124)      1.68425 (06091124)      1.74152 (06091124)
3757631.3 |      1.43785 (06091124)      1.52688 (06091124)      1.60835 (06091124)      1.68055 (06091124)      1.74114 (06091124)
3757601.3 |      1.42590 (06091124)      1.51717 (06091124)      1.60128 (06091124)      1.67621 (06091124)      1.74008 (06091124)
3757571.3 |      1.41329 (06091124)      1.50658 (06091124)      1.59349 (06091124)      1.67128 (06091124)      1.73843 (06091124)
3757541.3 |      1.40029 (06091124)      1.49537 (06091124)      1.58482 (06091124)      1.66558 (06091124)      1.73600 (06091124)
3757511.3 |      1.38688 (06091124)      1.48377 (06091124)      1.57553 (06091124)      1.65915 (06091124)      1.73270 (06091124)
3757481.3 |      1.38031 (06102324)      1.47166 (06091124)      1.56573 (06091124)      1.65210 (06091124)      1.72866 (06091124)
3757451.3 |      1.39609 (06102324)      1.45888 (06091124)      1.55518 (06091124)      1.64439 (06091124)      1.72396 (06091124)
3757421.3 |      1.41156 (06102324)      1.44555 (06091124)      1.54387 (06091124)      1.63586 (06091124)      1.71853 (06091124)
3757391.3 |      1.42680 (06102324)      1.43178 (06091124)      1.53201 (06091124)      1.62657 (06091124)      1.71229 (06091124)
3757361.3 |      1.44200 (06102324)      1.41750 (06091124)      1.51964 (06091124)      1.61667 (06091124)      1.70537 (06091124)
3757331.3 |      1.45684 (06102324)      1.43300 (06102324)      1.50669 (06091124)      1.60608 (06091124)      1.69772 (06091124)
3757301.3 |      1.47117 (06102324)      1.44913 (06102324)      1.49309 (06091124)      1.59469 (06091124)      1.68932 (06091124)
3757271.3 |      1.48503 (06102324)      1.46499 (06102324)      1.47899 (06091124)      1.58266 (06091124)      1.68010 (06091124)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        17:09:02
                                                                                                                   PAGE  12
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       371970.44              372000.44              372030.44              372060.44              372090.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      1.49863 (06102324)      1.48074 (06102324)      1.46432 (06091124)      1.57004 (06091124)      1.67016 (06091124)
3757211.3 |      1.51188 (06102324)      1.49622 (06102324)      1.47154 (06102324)      1.55688 (06091124)      1.65944 (06091124)
3757181.3 |      1.52456 (06102324)      1.51115 (06102324)      1.48840 (06102324)      1.54302 (06091124)      1.64802 (06091124)
3757151.3 |      1.53658 (06102324)      1.52560 (06102324)      1.50494 (06102324)      1.52862 (06091124)      1.63583 (06091124)
3757121.3 |      1.54816 (06102324)      1.53973 (06102324)      1.52129 (06102324)      1.51351 (06091124)      1.62307 (06091124)
3757091.3 |      1.55925 (06102324)      1.55345 (06102324)      1.53737 (06102324)      1.51182 (06102324)      1.60958 (06091124)
3757061.3 |      1.56965 (06102324)      1.56659 (06102324)      1.55297 (06102324)      1.52947 (06102324)      1.59552 (06091124)
3757031.3 |      1.57942 (06102324)      1.57913 (06102324)      1.56805 (06102324)      1.54675 (06102324)      1.58077 (06091124)
3757001.3 |      1.58857 (06102324)      1.59116 (06102324)      1.58273 (06102324)      1.56378 (06102324)      1.56535 (06091124)
3756971.3 |      1.59702 (06102324)      1.60265 (06102324)      1.59700 (06102324)      1.58049 (06102324)      1.55399 (06102324)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        17:09:02
                                                                                                                   PAGE  13
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372120.44              372150.44              372180.44              372210.44              372240.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3758441.3 |      1.51573 (06091124)      1.47701 (06091124)      1.42960 (06091124)      1.37466 (06091124)      1.31360 (06091124)
3758411.3 |      1.53069 (06091124)      1.49375 (06091124)      1.44750 (06091124)      1.39328 (06091124)      1.33279 (06091124)
3758381.3 |      1.54529 (06091124)      1.51024 (06091124)      1.46528 (06091124)      1.41204 (06091124)      1.35225 (06091124)
3758351.3 |      1.55968 (06091124)      1.52643 (06091124)      1.48279 (06091124)      1.43071 (06091124)      1.37175 (06091124)
3758321.3 |      1.57399 (06091124)      1.54249 (06091124)      1.50023 (06091124)      1.44928 (06091124)      1.39107 (06091124)
3758291.3 |      1.58814 (06091124)      1.55845 (06091124)      1.51775 (06091124)      1.46787 (06091124)      1.41038 (06091124)
3758261.3 |      1.60190 (06091124)      1.57420 (06091124)      1.53530 (06091124)      1.48664 (06091124)      1.42983 (06091124)
3758231.3 |      1.61516 (06091124)      1.58956 (06091124)      1.55263 (06091124)      1.50541 (06091124)      1.44947 (06091124)
3758201.3 |      1.62811 (06091124)      1.60462 (06091124)      1.56959 (06091124)      1.52391 (06091124)      1.46912 (06091124)
3758171.3 |      1.64085 (06091124)      1.61958 (06091124)      1.58640 (06091124)      1.54217 (06091124)      1.48855 (06091124)
3758141.3 |      1.65322 (06091124)      1.63437 (06091124)      1.60317 (06091124)      1.56044 (06091124)      1.50795 (06091124)
3758111.3 |      1.66512 (06091124)      1.64881 (06091124)      1.61977 (06091124)      1.57882 (06091124)      1.52755 (06091124)
3758081.3 |      1.67656 (06091124)      1.66275 (06091124)      1.63597 (06091124)      1.59704 (06091124)      1.54729 (06091124)
3758051.3 |      1.68773 (06091124)      1.67632 (06091124)      1.65178 (06091124)      1.61490 (06091124)      1.56684 (06091124)
3758021.3 |      1.69855 (06091124)      1.68966 (06091124)      1.66744 (06091124)      1.63248 (06091124)      1.58607 (06091124)
3757991.3 |      1.70881 (06091124)      1.70266 (06091124)      1.68294 (06091124)      1.65002 (06091124)      1.60523 (06091124)
3757961.3 |      1.71850 (06091124)      1.71512 (06091124)      1.69808 (06091124)      1.66749 (06091124)      1.62447 (06091124)
3757931.3 |      1.72775 (06091124)      1.72713 (06091124)      1.71273 (06091124)      1.68462 (06091124)      1.64363 (06091124)
3757901.3 |      1.73652 (06091124)      1.73881 (06091124)      1.72697 (06091124)      1.70131 (06091124)      1.66244 (06091124)
3757871.3 |      1.74471 (06091124)      1.75009 (06091124)      1.74095 (06091124)      1.71774 (06091124)      1.68089 (06091124)
3757841.3 |      1.75222 (06091124)      1.76084 (06091124)      1.75460 (06091124)      1.73397 (06091124)      1.69926 (06091124)
3757811.3 |      1.75916 (06091124)      1.77102 (06091124)      1.76773 (06091124)      1.74988 (06091124)      1.71759 (06091124)
3757781.3 |      1.76560 (06091124)      1.78071 (06091124)      1.78033 (06091124)      1.76531 (06091124)      1.73564 (06091124)
3757751.3 |      1.77141 (06091124)      1.78989 (06091124)      1.79254 (06091124)      1.78026 (06091124)      1.75331 (06091124)
3757721.3 |      1.77655 (06091124)      1.79841 (06091124)      1.80433 (06091124)      1.79490 (06091124)      1.77064 (06091124)
3757691.3 |      1.78109 (06091124)      1.80625 (06091124)      1.81559 (06091124)      1.80921 (06091124)      1.78769 (06091124)
3757661.3 |      1.78502 (06091124)      1.81350 (06091124)      1.82630 (06091124)      1.82304 (06091124)      1.80440 (06091124)
3757631.3 |      1.78819 (06091124)      1.82017 (06091124)      1.83642 (06091124)      1.83636 (06091124)      1.82063 (06091124)
3757601.3 |      1.79059 (06091124)      1.82616 (06091124)      1.84596 (06091124)      1.84918 (06091124)      1.83638 (06091124)
3757571.3 |      1.79230 (06091124)      1.83147 (06091124)      1.85488 (06091124)      1.86151 (06091124)      1.85177 (06091124)
3757541.3 |      1.79333 (06091124)      1.83613 (06091124)      1.86312 (06091124)      1.87332 (06091124)      1.86674 (06091124)
3757511.3 |      1.79358 (06091124)      1.84012 (06091124)      1.87068 (06091124)      1.88453 (06091124)      1.88129 (06091124)
3757481.3 |      1.79304 (06091124)      1.84331 (06091124)      1.87758 (06091124)      1.89509 (06091124)      1.89536 (06091124)
3757451.3 |      1.79181 (06091124)      1.84572 (06091124)      1.88378 (06091124)      1.90503 (06091124)      1.90888 (06091124)
3757421.3 |      1.78990 (06091124)      1.84737 (06091124)      1.88929 (06091124)      1.91434 (06091124)      1.92182 (06091124)
3757391.3 |      1.78714 (06091124)      1.84824 (06091124)      1.89406 (06091124)      1.92298 (06091124)      1.93421 (06091124)
3757361.3 |      1.78349 (06091124)      1.84829 (06091124)      1.89808 (06091124)      1.93091 (06091124)      1.94596 (06091124)
3757331.3 |      1.77909 (06091124)      1.84758 (06091124)      1.90130 (06091124)      1.93808 (06091124)      1.95701 (06091124)
3757301.3 |      1.77390 (06091124)      1.84615 (06091124)      1.90374 (06091124)      1.94450 (06091124)      1.96735 (06091124)
3757271.3 |      1.76795 (06091124)      1.84390 (06091124)      1.90528 (06091124)      1.95021 (06091124)      1.97706 (06091124)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                          ***       10/26/10
                                  ***                                                                         ***       17:09:02
                                                                                                                        PAGE  14

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372120.44              372150.44              372180.44              372210.44              372240.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      1.76119 (06091124)      1.84077 (06091124)      1.90600 (06091124)      1.95506 (06091124)      1.98612 (06091124)
3757211.3 |      1.75370 (06091124)      1.83678 (06091124)      1.90587 (06091124)      1.95916 (06091124)      1.99440 (06091124)
3757181.3 |      1.74534 (06091124)      1.83193 (06091124)      1.90501 (06091124)      1.96239 (06091124)      2.00185 (06091124)
3757151.3 |      1.73624 (06091124)      1.82626 (06091124)      1.90322 (06091124)      1.96483 (06091124)      2.00852 (06091124)
3757121.3 |      1.72630 (06091124)      1.81974 (06091124)      1.90065 (06091124)      1.96627 (06091124)      2.01443 (06091124)
3757091.3 |      1.71557 (06091124)      1.81243 (06091124)      1.89707 (06091124)      1.96684 (06091124)      2.01941 (06091124)
3757061.3 |      1.70407 (06091124)      1.80415 (06091124)      1.89275 (06091124)      1.96654 (06091124)      2.02356 (06091124)
3757031.3 |      1.69174 (06091124)      1.79514 (06091124)      1.88733 (06091124)      1.96545 (06091124)      2.02683 (06091124)
3757001.3 |      1.67877 (06091124)      1.78523 (06091124)      1.88117 (06091124)      1.96333 (06091124)      2.02919 (06091124)
3756971.3 |      1.66503 (06091124)      1.77461 (06091124)      1.87403 (06091124)      1.96031 (06091124)      2.03056 (06091124)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                          ***       10/26/10
                                  ***                                                                         ***       17:09:02
                                                                                                                        PAGE  15

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372270.44              372300.44              372330.44              372360.44              372390.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      1.24857 (06091124)      1.17993 (06091124)      1.21329 (05052124)      1.23216 (05052124)      1.21998 (05052124)
3758411.3 |      1.26778 (06091124)      1.19895 (06091124)      1.21361 (05052124)      1.23745 (05052124)      1.23018 (05052124)
3758381.3 |      1.28723 (06091124)      1.21832 (06091124)      1.21313 (05052124)      1.24202 (05052124)      1.23978 (05052124)
3758351.3 |      1.30691 (06091124)      1.23813 (06091124)      1.21183 (05052124)      1.24590 (05052124)      1.24863 (05052124)
3758321.3 |      1.32658 (06091124)      1.25813 (06091124)      1.20978 (05052124)      1.24894 (05052124)      1.25677 (05052124)
3758291.3 |      1.34631 (06091124)      1.27812 (06091124)      1.20690 (05052124)      1.25114 (05052124)      1.26419 (05052124)
3758261.3 |      1.36623 (06091124)      1.29820 (06091124)      1.22633 (06091124)      1.25249 (05052124)      1.27090 (05052124)
3758231.3 |      1.38650 (06091124)      1.31853 (06091124)      1.24640 (06091124)      1.25307 (05052124)      1.27680 (05052124)
3758201.3 |      1.40699 (06091124)      1.33916 (06091124)      1.26694 (06091124)      1.25280 (05052124)      1.28187 (05052124)
3758171.3 |      1.42738 (06091124)      1.35987 (06091124)      1.28785 (06091124)      1.25165 (05052124)      1.28616 (05052124)
3758141.3 |      1.44764 (06091124)      1.38049 (06091124)      1.30880 (06091124)      1.24966 (05052124)      1.28962 (05052124)
3758111.3 |      1.46799 (06091124)      1.40123 (06091124)      1.32977 (06091124)      1.25485 (06091124)      1.29222 (05052124)
3758081.3 |      1.48855 (06091124)      1.42229 (06091124)      1.35099 (06091124)      1.27569 (06091124)      1.29390 (05052124)
3758051.3 |      1.50921 (06091124)      1.44371 (06091124)      1.37256 (06091124)      1.29696 (06091124)      1.29471 (05052124)
3758021.3 |      1.52968 (06091124)      1.46519 (06091124)      1.39438 (06091124)      1.31875 (06091124)      1.29469 (05052124)
3757991.3 |      1.54999 (06091124)      1.48648 (06091124)      1.41614 (06091124)      1.34072 (06091124)      1.29373 (05052124)
3757961.3 |      1.57044 (06091124)      1.50781 (06091124)      1.43784 (06091124)      1.36269 (06091124)      1.29177 (05052124)
3757931.3 |      1.59109 (06091124)      1.52936 (06091124)      1.45978 (06091124)      1.38476 (06091124)      1.30617 (06091124)
3757901.3 |      1.61168 (06091124)      1.55111 (06091124)      1.48211 (06091124)      1.40725 (06091124)      1.32830 (06091124)
3757871.3 |      1.63201 (06091124)      1.57273 (06091124)      1.50462 (06091124)      1.43012 (06091124)      1.35094 (06091124)
3757841.3 |      1.65218 (06091124)      1.59409 (06091124)      1.52705 (06091124)      1.45311 (06091124)      1.37396 (06091124)
3757811.3 |      1.67238 (06091124)      1.61546 (06091124)      1.54943 (06091124)      1.47601 (06091124)      1.39705 (06091124)
3757781.3 |      1.69253 (06091124)      1.63706 (06091124)      1.57200 (06091124)      1.49902 (06091124)      1.42016 (06091124)
3757751.3 |      1.71236 (06091124)      1.65870 (06091124)      1.59483 (06091124)      1.52231 (06091124)      1.44352 (06091124)
3757721.3 |      1.73181 (06091124)      1.68015 (06091124)      1.61766 (06091124)      1.54589 (06091124)      1.46736 (06091124)
3757691.3 |      1.75108 (06091124)      1.70141 (06091124)      1.64029 (06091124)      1.56949 (06091124)      1.49149 (06091124)
3757661.3 |      1.77028 (06091124)      1.72264 (06091124)      1.66278 (06091124)      1.59305 (06091124)      1.51567 (06091124)
3757631.3 |      1.78928 (06091124)      1.74387 (06091124)      1.68538 (06091124)      1.61669 (06091124)      1.53992 (06091124)
3757601.3 |      1.80794 (06091124)      1.76481 (06091124)      1.70807 (06091124)      1.64057 (06091124)      1.56439 (06091124)
3757571.3 |      1.82623 (06091124)      1.78537 (06091124)      1.73068 (06091124)      1.66462 (06091124)      1.58910 (06091124)
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3757541.3 |      1.84422 (06091124)      1.80566 (06091124)      1.75314 (06091124)      1.68859 (06091124)      1.61393 (06091124)
3757511.3 |      1.86182 (06091124)      1.82580 (06091124)      1.77548 (06091124)      1.71239 (06091124)      1.63875 (06091124)
3757481.3 |      1.87893 (06091124)      1.84580 (06091124)      1.79775 (06091124)      1.73621 (06091124)      1.66359 (06091124)
3757451.3 |      1.89557 (06091124)      1.86548 (06091124)      1.81991 (06091124)      1.76001 (06091124)      1.68868 (06091124)
3757421.3 |      1.91175 (06091124)      1.88475 (06091124)      1.84170 (06091124)      1.78382 (06091124)      1.71388 (06091124)
3757391.3 |      1.92745 (06091124)      1.90373 (06091124)      1.86315 (06091124)      1.80755 (06091124)      1.73913 (06091124)
3757361.3 |      1.94277 (06091124)      1.92229 (06091124)      1.88438 (06091124)      1.83113 (06091124)      1.76436 (06091124)
3757331.3 |      1.95757 (06091124)      1.94043 (06091124)      1.90540 (06091124)      1.85455 (06091124)      1.78956 (06091124)
3757301.3 |      1.97181 (06091124)      1.95802 (06091124)      1.92614 (06091124)      1.87787 (06091124)      1.81466 (06091124)
3757271.3 |      1.98546 (06091124)      1.97510 (06091124)      1.94653 (06091124)      1.90093 (06091124)      1.83977 (06091124)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                          ***       10/26/10
                                  ***                                                                         ***       17:09:02
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**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372270.44              372300.44              372330.44              372360.44              372390.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      1.99850 (06091124)      1.99161 (06091124)      1.96652 (06091124)      1.92373 (06091124)      1.86482 (06091124)
3757211.3 |      2.01081 (06091124)      2.00773 (06091124)      1.98607 (06091124)      1.94620 (06091124)      1.88976 (06091124)
3757181.3 |      2.02239 (06091124)      2.02329 (06091124)      2.00529 (06091124)      1.96832 (06091124)      1.91446 (06091124)
3757151.3 |      2.03318 (06091124)      2.03830 (06091124)      2.02398 (06091124)      1.99022 (06091124)      1.93901 (06091124)
3757121.3 |      2.04336 (06091124)      2.05266 (06091124)      2.04202 (06091124)      2.01177 (06091124)      1.96338 (06091124)
3757091.3 |      2.05281 (06091124)      2.06644 (06091124)      2.05947 (06091124)      2.03288 (06091124)      1.98756 (06091124)
3757061.3 |      2.06143 (06091124)      2.07934 (06091124)      2.07645 (06091124)      2.05355 (06091124)      2.01140 (06091124)
3757031.3 |      2.06917 (06091124)      2.09150 (06091124)      2.09283 (06091124)      2.07387 (06091124)      2.03485 (06091124)
3757001.3 |      2.07616 (06091124)      2.10281 (06091124)      2.10867 (06091124)      2.09365 (06091124)      2.05800 (06091124)
3756971.3 |      2.08220 (06091124)      2.11351 (06091124)      2.12378 (06091124)      2.11279 (06091124)      2.08077 (06091124)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                          ***       10/26/10
                                  ***                                                                         ***       17:09:02
                                                                                                                        PAGE  17

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372420.44              372450.44              372480.44              372510.44              372540.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      1.22168 (06090524)      1.23373 (06090524)      1.23972 (06090524)      1.24010 (06090524)      1.23413 (06090524)
3758411.3 |      1.22686 (06090524)      1.23967 (06090524)      1.24665 (06090524)      1.24783 (06090524)      1.24271 (06090524)
3758381.3 |      1.23205 (06090524)      1.24562 (06090524)      1.25355 (06090524)      1.25547 (06090524)      1.25120 (06090524)
3758351.3 |      1.23709 (06090524)      1.25159 (06090524)      1.26046 (06090524)      1.26308 (06090524)      1.25963 (06090524)
3758321.3 |      1.24195 (06090524)      1.25745 (06090524)      1.26738 (06090524)      1.27074 (06090524)      1.26809 (06090524)
3758291.3 |      1.24661 (06090524)      1.26317 (06090524)      1.27413 (06090524)      1.27842 (06090524)      1.27662 (06090524)
3758261.3 |      1.25644 (05052124)      1.26877 (06090524)      1.28073 (06090524)      1.28601 (06090524)      1.28514 (06090524)
3758231.3 |      1.26740 (05052124)      1.27434 (06090524)      1.28720 (06090524)      1.29355 (06090524)      1.29354 (06090524)
3758201.3 |      1.27773 (05052124)      1.27989 (06090524)      1.29366 (06090524)      1.30102 (06090524)      1.30183 (06090524)
3758171.3 |      1.28738 (05052124)      1.28539 (06090524)      1.30010 (06090524)      1.30847 (06090524)      1.31008 (06090524)
3758141.3 |      1.29630 (05052124)      1.29067 (06090524)      1.30651 (06090524)      1.31590 (06090524)      1.31836 (06090524)
3758111.3 |      1.30437 (05052124)      1.29583 (06090524)      1.31269 (06090524)      1.32329 (06090524)      1.32662 (06090524)
3758081.3 |      1.31169 (05052124)      1.30078 (06090524)      1.31881 (06090524)      1.33044 (06090524)      1.33492 (06090524)
3758051.3 |      1.31823 (05052124)      1.30653 (05052124)      1.32481 (06090524)      1.33752 (06090524)      1.34305 (06090524)
3758021.3 |      1.32391 (05052124)      1.31764 (05052124)      1.33076 (06090524)      1.34452 (06090524)      1.35118 (06090524)
3757991.3 |      1.32864 (05052124)      1.32812 (05052124)      1.33669 (06090524)      1.35149 (06090524)      1.35933 (06090524)
3757961.3 |      1.33256 (05052124)      1.33785 (05052124)      1.34239 (06090524)      1.35849 (06090524)      1.36736 (06090524)
3757931.3 |      1.33558 (05052124)      1.34672 (05052124)      1.34795 (06090524)      1.36530 (06090524)      1.37536 (06090524)
3757901.3 |      1.33765 (05052124)      1.35469 (05052124)      1.35350 (06090524)      1.37192 (06090524)      1.38320 (06090524)
3757871.3 |      1.33875 (05052124)      1.36191 (05052124)      1.35877 (06090524)      1.37853 (06090524)      1.39084 (06090524)
3757841.3 |      1.33896 (05052124)      1.36823 (05052124)      1.36400 (06090524)      1.38492 (06090524)      1.39853 (06090524)
3757811.3 |      1.33816 (05052124)      1.37355 (05052124)      1.37100 (05052124)      1.39128 (06090524)      1.40607 (06090524)
3757781.3 |      1.33760 (06091124)      1.37792 (05052124)      1.38161 (05052124)      1.39752 (06090524)      1.41360 (06090524)
3757751.3 |      1.36082 (06091124)      1.38141 (05052124)      1.39134 (05052124)      1.40346 (06090524)      1.42114 (06090524)
3757721.3 |      1.38441 (06091124)      1.38391 (05052124)      1.40014 (05052124)      1.40949 (06090524)      1.42839 (06090524)
3757691.3 |      1.40848 (06091124)      1.38538 (05052124)      1.40802 (05052124)      1.41537 (06090524)      1.43559 (06090524)
3757661.3 |      1.43281 (06091124)      1.38580 (05052124)      1.41502 (05052124)      1.42105 (06090524)      1.44268 (06090524)
3757631.3 |      1.45713 (06091124)      1.38522 (05052124)      1.42101 (05052124)      1.42664 (06090524)      1.44949 (06090524)
3757601.3 |      1.48158 (06091124)      1.39452 (06091124)      1.42598 (05052124)      1.43189 (06090524)      1.45628 (06090524)
3757571.3 |      1.50643 (06091124)      1.41918 (06091124)      1.42993 (05052124)      1.43840 (05052124)      1.46283 (06090524)
3757541.3 |      1.53163 (06091124)      1.44433 (06091124)      1.43288 (05052124)      1.44812 (05052124)      1.46923 (06090524)
3757511.3 |      1.55703 (06091124)      1.46985 (06091124)      1.43477 (05052124)      1.45683 (05052124)      1.47566 (06090524)
3757481.3 |      1.58257 (06091124)      1.49555 (06091124)      1.43547 (05052124)      1.46452 (05052124)      1.48191 (06090524)
3757451.3 |      1.60832 (06091124)      1.52135 (06091124)      1.43512 (05052124)      1.47123 (05052124)      1.48805 (06090524)
3757421.3 |      1.63432 (06091124)      1.54736 (06091124)      1.45539 (06091124)      1.47689 (05052124)      1.49395 (06090524)
3757391.3 |      1.66045 (06091124)      1.57369 (06091124)      1.48169 (06091124)      1.48135 (05052124)      1.49957 (06090524)
3757361.3 |      1.68664 (06091124)      1.60033 (06091124)      1.50838 (06091124)      1.48479 (05052124)      1.50500 (06090524)
3757331.3 |      1.71285 (06091124)      1.62722 (06091124)      1.53538 (06091124)      1.48713 (05052124)      1.51019 (06090524)
3757301.3 |      1.73925 (06091124)      1.65433 (06091124)      1.56266 (06091124)      1.48822 (05052124)      1.51698 (05052124)
3757271.3 |      1.76571 (06091124)      1.68169 (06091124)      1.59011 (06091124)      1.49310 (06091124)      1.52445 (05052124)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                          ***       10/26/10
                                  ***                                                                         ***       17:09:02
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**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                              X-COORD (METERS)
 (METERS) |       372420.44              372450.44              372480.44              372510.44              372540.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      1.79228 (06091124)      1.70917 (06091124)      1.61783 (06091124)      1.52062 (06091124)      1.53082 (05052124)
3757211.3 |      1.81893 (06091124)      1.73681 (06091124)      1.64574 (06091124)      1.54862 (06091124)      1.53595 (05052124)
3757181.3 |      1.84555 (06091124)      1.76458 (06091124)      1.67396 (06091124)      1.57695 (06091124)      1.53992 (05052124)
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3757151.3 |      1.87211 (06091124)      1.79243 (06091124)      1.70253 (06091124)      1.60559 (06091124)      1.54275 (05052124)
3757121.3 |      1.89866 (06091124)      1.82032 (06091124)      1.73136 (06091124)      1.63458 (06091124)      1.54426 (05052124)
3757091.3 |      1.92515 (06091124)      1.84827 (06091124)      1.76035 (06091124)      1.66385 (06091124)      1.56134 (06091124)
3757061.3 |      1.95155 (06091124)      1.87637 (06091124)      1.78945 (06091124)      1.69337 (06091124)      1.59068 (06091124)
3757031.3 |      1.97769 (06091124)      1.90451 (06091124)      1.81880 (06091124)      1.72306 (06091124)      1.62047 (06091124)
3757001.3 |      2.00363 (06091124)      1.93260 (06091124)      1.84832 (06091124)      1.75311 (06091124)      1.65054 (06091124)
3756971.3 |      2.02940 (06091124)      1.96069 (06091124)      1.87785 (06091124)      1.78348 (06091124)      1.68100 (06091124)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                    ***       10/26/10
                                  ***                                                                   ***       17:09:02
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**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |      372570.44             372600.44             372630.44             372660.44             372690.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      1.22163 (06090524)      1.23070 (07072724)      1.25234 (07072724)      1.24168 (07072724)      1.28712 (07090824)
3758411.3 |      1.23091 (06090524)      1.23196 (07072724)      1.25773 (07072724)      1.25106 (07072724)      1.28287 (07090824)
3758381.3 |      1.24021 (06090524)      1.23277 (07072724)      1.26274 (07072724)      1.26003 (07072724)      1.27817 (07090824)
3758351.3 |      1.24946 (06090524)      1.23312 (07072724)      1.26724 (07072724)      1.26864 (07072724)      1.27306 (07090824)
3758321.3 |      1.25868 (06090524)      1.24264 (06090524)      1.27125 (07072724)      1.27683 (07072724)      1.26766 (07090824)
3758291.3 |      1.26793 (06090524)      1.25253 (06090524)      1.27481 (07072724)      1.28461 (07072724)      1.26190 (07090824)
3758261.3 |      1.27721 (06090524)      1.26246 (06090524)      1.27789 (07072724)      1.29192 (07072724)      1.27166 (07072724)
3758231.3 |      1.28652 (06090524)      1.27244 (06090524)      1.28038 (07072724)      1.29874 (07072724)      1.28259 (07072724)
3758201.3 |      1.29576 (06090524)      1.28246 (06090524)      1.28230 (07072724)      1.30519 (07072724)      1.29311 (07072724)
3758171.3 |      1.30489 (06090524)      1.29247 (06090524)      1.28375 (07072724)      1.31116 (07072724)      1.30318 (07072724)
3758141.3 |      1.31406 (06090524)      1.30244 (06090524)      1.28474 (07072724)      1.31652 (07072724)      1.31283 (07072724)
3758111.3 |      1.32326 (06090524)      1.31244 (06090524)      1.29435 (06090524)      1.32133 (07072724)      1.32216 (07072724)
3758081.3 |      1.33249 (06090524)      1.32246 (06090524)      1.30508 (06090524)      1.32567 (07072724)      1.33118 (07072724)
3758051.3 |      1.34175 (06090524)      1.33250 (06090524)      1.31587 (06090524)      1.32966 (07072724)      1.33965 (07072724)
3758021.3 |      1.35076 (06090524)      1.34258 (06090524)      1.32666 (06090524)      1.33303 (07072724)      1.34753 (07072724)
3757991.3 |      1.35970 (06090524)      1.35252 (06090524)      1.33749 (06090524)      1.33570 (07072724)      1.35491 (07072724)
3757961.3 |      1.36871 (06090524)      1.36239 (06090524)      1.34827 (06090524)      1.33777 (07072724)      1.36193 (07072724)
3757931.3 |      1.37765 (06090524)      1.37239 (06090524)      1.35904 (06090524)      1.33942 (07072724)      1.36849 (07072724)
3757901.3 |      1.38661 (06090524)      1.38236 (06090524)      1.36994 (06090524)      1.34954 (06090524)      1.37433 (07072724)
3757871.3 |      1.39551 (06090524)      1.39237 (06090524)      1.38085 (06090524)      1.36120 (06090524)      1.37952 (07072724)
3757841.3 |      1.40421 (06090524)      1.40240 (06090524)      1.39173 (06090524)      1.37293 (06090524)      1.38429 (07072724)
3757811.3 |      1.41308 (06090524)      1.41213 (06090524)      1.40265 (06090524)      1.38461 (06090524)      1.38863 (07072724)
3757781.3 |      1.42190 (06090524)      1.42190 (06090524)      1.41339 (06090524)      1.39634 (06090524)      1.39230 (07072724)
3757751.3 |      1.43056 (06090524)      1.43170 (06090524)      1.42414 (06090524)      1.40802 (06090524)      1.39522 (07072724)
3757721.3 |      1.43920 (06090524)      1.44135 (06090524)      1.43501 (06090524)      1.41971 (06090524)      1.39755 (07072724)
3757691.3 |      1.44753 (06090524)      1.45104 (06090524)      1.44581 (06090524)      1.43159 (06090524)      1.40858 (06090524)
3757661.3 |      1.45583 (06090524)      1.46058 (06090524)      1.45666 (06090524)      1.44345 (06090524)      1.42129 (06090524)
3757631.3 |      1.46417 (06090524)      1.47005 (06090524)      1.46747 (06090524)      1.45528 (06090524)      1.43402 (06090524)
3757601.3 |      1.47229 (06090524)      1.47966 (06090524)      1.47812 (06090524)      1.46712 (06090524)      1.44671 (06090524)
3757571.3 |      1.48043 (06090524)      1.48915 (06090524)      1.48882 (06090524)      1.47883 (06090524)      1.45943 (06090524)
3757541.3 |      1.48846 (06090524)      1.49855 (06090524)      1.49946 (06090524)      1.49059 (06090524)      1.47210 (06090524)
3757511.3 |      1.49631 (06090524)      1.50781 (06090524)      1.50993 (06090524)      1.50237 (06090524)      1.48487 (06090524)
3757481.3 |      1.50409 (06090524)      1.51689 (06090524)      1.52037 (06090524)      1.51409 (06090524)      1.49779 (06090524)
3757451.3 |      1.51165 (06090524)      1.52594 (06090524)      1.53071 (06090524)      1.52582 (06090524)      1.51072 (06090524)
3757421.3 |      1.51901 (06090524)      1.53489 (06090524)      1.54105 (06090524)      1.53755 (06090524)      1.52359 (06090524)
3757391.3 |      1.52622 (06090524)      1.54368 (06090524)      1.55142 (06090524)      1.54921 (06090524)      1.53643 (06090524)
3757361.3 |      1.53323 (06090524)      1.55242 (06090524)      1.56166 (06090524)      1.56087 (06090524)      1.54930 (06090524)
3757331.3 |      1.54016 (06090524)      1.56106 (06090524)      1.57180 (06090524)      1.57246 (06090524)      1.56214 (06090524)
3757301.3 |      1.54699 (06090524)      1.56956 (06090524)      1.58188 (06090524)      1.58386 (06090524)      1.57496 (06090524)
3757271.3 |      1.55367 (06090524)      1.57794 (06090524)      1.59179 (06090524)      1.59521 (06090524)      1.58771 (06090524)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                    ***       10/26/10
                                  ***                                                                   ***       17:09:02
                                                                                                                  PAGE  20

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |      372570.44             372600.44             372630.44             372660.44             372690.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      1.56018 (06090524)      1.58606 (06090524)      1.60160 (06090524)      1.60649 (06090524)      1.60041 (06090524)
3757211.3 |      1.56642 (06090524)      1.59402 (06090524)      1.61126 (06090524)      1.61770 (06090524)      1.61323 (06090524)
3757181.3 |      1.57244 (06090524)      1.60176 (06090524)      1.62075 (06090524)      1.62893 (06090524)      1.62596 (06090524)
3757151.3 |      1.57818 (06090524)      1.60929 (06090524)      1.63024 (06090524)      1.64002 (06090524)      1.63863 (06090524)
3757121.3 |      1.58362 (06090524)      1.61677 (06090524)      1.63957 (06090524)      1.65106 (06090524)      1.65125 (06090524)
3757091.3 |      1.58886 (06090524)      1.62405 (06090524)      1.64873 (06090524)      1.66199 (06090524)      1.66375 (06090524)
3757061.3 |      1.59382 (06090524)      1.63112 (06090524)      1.65776 (06090524)      1.67274 (06090524)      1.67620 (06090524)
3757031.3 |      1.59860 (06090524)      1.63800 (06090524)      1.66655 (06090524)      1.68343 (06090524)      1.68848 (06090524)
3757001.3 |      1.60311 (06090524)      1.64462 (06090524)      1.67515 (06090524)      1.69396 (06090524)      1.70065 (06090524)
3756971.3 |      1.60722 (06090524)      1.65108 (06090524)      1.68348 (06090524)      1.70433 (06090524)      1.71284 (06090524)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                    ***       10/26/10
                                  ***                                                                   ***       17:09:02
                                                                                                                  PAGE  21

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |      372720.44             372750.44             372780.44             372810.44             372840.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      1.37376 (07090824)      1.43317 (07090824)      1.46215 (07090824)      1.45972 (07090824)      1.42791 (07090824)
3758411.3 |      1.37288 (07090824)      1.43597 (07090824)      1.46864 (07090824)      1.46943 (07090824)      1.44022 (07090824)
3758381.3 |      1.37168 (07090824)      1.43847 (07090824)      1.47486 (07090824)      1.47888 (07090824)      1.45237 (07090824)
3758351.3 |      1.37015 (07090824)      1.44068 (07090824)      1.48064 (07090824)      1.48808 (07090824)      1.46433 (07090824)
3758321.3 |      1.36827 (07090824)      1.44238 (07090824)      1.48607 (07090824)      1.49697 (07090824)      1.47612 (07090824)
3758291.3 |      1.36589 (07090824)      1.44358 (07090824)      1.49114 (07090824)      1.50560 (07090824)      1.48767 (07090824)
```

Site #17 – Localized PM_{10} Concentrations

3758261.3	1.36293 (07090824)	1.44442 (07090824)	1.49579 (07090824)	1.51389 (07090824)	1.49900 (07090824)
3758231.3	1.35954 (07090824)	1.44484 (07090824)	1.50006 (07090824)	1.52178 (07090824)	1.51015 (07090824)
3758201.3	1.35575 (07090824)	1.44485 (07090824)	1.50385 (07090824)	1.52942 (07090824)	1.52115 (07090824)
3758171.3	1.35157 (07090824)	1.44435 (07090824)	1.50729 (07090824)	1.53685 (07090824)	1.53197 (07090824)
3758141.3	1.34688 (07090824)	1.44342 (07090824)	1.51048 (07090824)	1.54402 (07090824)	1.54259 (07090824)
3758111.3	1.34173 (07090824)	1.44221 (07090824)	1.51337 (07090824)	1.55087 (07090824)	1.55299 (07090824)
3758081.3	1.33628 (07090824)	1.44071 (07090824)	1.51585 (07090824)	1.55734 (07090824)	1.56322 (07090824)
3758051.3	1.33053 (07090824)	1.43876 (07090824)	1.51785 (07090824)	1.56350 (07090824)	1.57328 (07090824)
3758021.3	1.32486 (07072724)	1.43625 (07090824)	1.51945 (07090824)	1.56937 (07090824)	1.58307 (07090824)
3757991.3	1.33671 (07072724)	1.43326 (07090824)	1.52069 (07090824)	1.57489 (07090824)	1.59240 (07090824)
3757961.3	1.34824 (07072724)	1.42986 (07090824)	1.52152 (07090824)	1.57984 (07090824)	1.60132 (07090824)
3757931.3	1.35917 (07072724)	1.42604 (07090824)	1.52176 (07090824)	1.58423 (07090824)	1.60996 (07090824)
3757901.3	1.36959 (07072724)	1.42160 (07090824)	1.52134 (07090824)	1.58824 (07090824)	1.61830 (07090824)
3757871.3	1.37970 (07072724)	1.41650 (07090824)	1.52049 (07090824)	1.59189 (07090824)	1.62636 (07090824)
3757841.3	1.38951 (07072724)	1.41099 (07090824)	1.51929 (07090824)	1.59520 (07090824)	1.63398 (07090824)
3757811.3	1.39878 (07072724)	1.40517 (07090824)	1.51772 (07090824)	1.59803 (07090824)	1.64110 (07090824)
3757781.3	1.40737 (07072724)	1.39895 (07090824)	1.51564 (07090824)	1.60029 (07090824)	1.64797 (07090824)
3757751.3	1.41541 (07072724)	1.39486 (07072724)	1.51293 (07090824)	1.60221 (07090824)	1.65455 (07090824)
3757721.3	1.42307 (07072724)	1.40735 (07072724)	1.50984 (07090824)	1.60377 (07090824)	1.66078 (07090824)
3757691.3	1.43017 (07072724)	1.41937 (07072724)	1.50636 (07090824)	1.60485 (07090824)	1.66650 (07090824)
3757661.3	1.43658 (07072724)	1.43076 (07072724)	1.50232 (07090824)	1.60536 (07090824)	1.67169 (07090824)
3757631.3	1.44232 (07072724)	1.44174 (07072724)	1.49763 (07090824)	1.60526 (07090824)	1.67644 (07090824)
3757601.3	1.44756 (07072724)	1.45233 (07072724)	1.49234 (07090824)	1.60466 (07090824)	1.68081 (07090824)
3757571.3	1.45220 (07072724)	1.46240 (07072724)	1.48659 (07090824)	1.60362 (07090824)	1.68466 (07090824)
3757541.3	1.45618 (07072724)	1.47188 (07072724)	1.48036 (07090824)	1.60198 (07090824)	1.68796 (07090824)
3757511.3	1.45947 (07072724)	1.48075 (07072724)	1.47351 (07090824)	1.59973 (07090824)	1.69075 (07090824)
3757481.3	1.47179 (06090524)	1.48904 (07072724)	1.47104 (07072724)	1.59699 (07090824)	1.69308 (07090824)
3757451.3	1.48566 (06090524)	1.49671 (07072724)	1.48408 (07072724)	1.59380 (07090824)	1.69493 (07090824)
3757421.3	1.49952 (06090524)	1.50375 (07072724)	1.49669 (07072724)	1.59003 (07090824)	1.69618 (07090824)
3757391.3	1.51338 (06090524)	1.51020 (07072724)	1.50880 (07072724)	1.58559 (07090824)	1.69681 (07090824)
3757361.3	1.52718 (06090524)	1.51593 (07072724)	1.52023 (07072724)	1.58056 (07090824)	1.69700 (07090824)
3757331.3	1.54106 (06090524)	1.52091 (07072724)	1.53111 (07072724)	1.57509 (07090824)	1.69671 (07090824)
3757301.3	1.55501 (06090524)	1.52522 (07072724)	1.54151 (07072724)	1.56905 (07090824)	1.69574 (07090824)
3757271.3	1.56903 (06090524)	1.53964 (06090524)	1.55138 (07072724)	1.56232 (07090824)	1.69410 (07090824)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372720.44	372750.44	372780.44	372810.44	372840.44
3757241.3	1.58313 (06090524)	1.55475 (06090524)	1.56047 (07072724)	1.55494 (07090824)	1.69192 (07090824)
3757211.3	1.59716 (06090524)	1.56988 (06090524)	1.56878 (07072724)	1.55406 (07072724)	1.68929 (07090824)
3757181.3	1.61123 (06090524)	1.58502 (06090524)	1.57647 (07072724)	1.56785 (07072724)	1.68601 (07090824)
3757151.3	1.62533 (06090524)	1.60015 (06090524)	1.58366 (07072724)	1.58120 (07072724)	1.68190 (07090824)
3757121.3	1.63932 (06090524)	1.61539 (06090524)	1.58999 (07072724)	1.59380 (07072724)	1.67708 (07090824)
3757091.3	1.65330 (06090524)	1.63062 (06090524)	1.59610 (06090524)	1.60564 (07072724)	1.67178 (07090824)
3757061.3	1.66720 (06090524)	1.64588 (06090524)	1.61261 (06090524)	1.61700 (07072724)	1.66590 (07090824)
3757031.3	1.68114 (06090524)	1.66123 (06090524)	1.62910 (06090524)	1.62783 (07072724)	1.65928 (07090824)
3757001.3	1.69514 (06090524)	1.67663 (06090524)	1.64562 (06090524)	1.63787 (07072724)	1.65193 (07090824)
3756971.3	1.70899 (06090524)	1.69209 (06090524)	1.66219 (06090524)	1.64704 (07072724)	1.64410 (07090824)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372870.44	372900.44	372930.44	372960.44	372990.44
3758441.3	1.41946 (07091824)	1.44894 (07091824)	1.44652 (07091824)	1.42418 (07030724)	1.44481 (05082924)
3758411.3	1.42247 (07091824)	1.45517 (07091824)	1.45563 (07091824)	1.43221 (07030724)	1.45145 (05082924)
3758381.3	1.42522 (07091824)	1.46123 (07091824)	1.46456 (07091824)	1.44018 (07030724)	1.45793 (05082924)
3758351.3	1.42778 (07091824)	1.46710 (07091824)	1.47327 (07091824)	1.44813 (07030724)	1.46434 (05082924)
3758321.3	1.43012 (07091824)	1.47272 (07091824)	1.48179 (07091824)	1.45675 (07091824)	1.47067 (05082924)
3758291.3	1.44054 (07090824)	1.47809 (07091824)	1.49014 (07091824)	1.46783 (07091824)	1.47693 (05082924)
3758261.3	1.45430 (07090824)	1.48321 (07091824)	1.49837 (07091824)	1.47881 (07091824)	1.48308 (05082924)
3758231.3	1.46795 (07090824)	1.48809 (07091824)	1.50644 (07091824)	1.48965 (07091824)	1.48910 (05082924)
3758201.3	1.48155 (07090824)	1.49276 (07091824)	1.51429 (07091824)	1.50036 (07091824)	1.49501 (05082924)
3758171.3	1.49507 (07090824)	1.49718 (07091824)	1.52189 (07091824)	1.51092 (07091824)	1.50086 (05082924)
3758141.3	1.50850 (07090824)	1.50124 (07091824)	1.52928 (07091824)	1.52136 (07091824)	1.50860 (07030724)
3758111.3	1.52187 (07090824)	1.50497 (07091824)	1.53644 (07091824)	1.53170 (07091824)	1.51782 (07030724)
3758081.3	1.53518 (07090824)	1.50844 (07091824)	1.54339 (07091824)	1.54196 (07091824)	1.52704 (07030724)
3758051.3	1.54833 (07090824)	1.51165 (07091824)	1.55016 (07091824)	1.55199 (07091824)	1.53620 (07030724)
3758021.3	1.56121 (07090824)	1.51460 (07091824)	1.55670 (07091824)	1.56182 (07091824)	1.54532 (07030724)
3757991.3	1.57387 (07090824)	1.52291 (07090824)	1.56295 (07091824)	1.57146 (07091824)	1.55442 (07030724)
3757961.3	1.58634 (07090824)	1.53808 (07090824)	1.56900 (07091824)	1.58091 (07091824)	1.56355 (07030724)
3757931.3	1.59862 (07090824)	1.55315 (07090824)	1.57480 (07091824)	1.59016 (07091824)	1.57276 (07030724)
3757901.3	1.61069 (07090824)	1.56803 (07090824)	1.58037 (07091824)	1.59923 (07091824)	1.58203 (07030724)
3757871.3	1.62244 (07090824)	1.58272 (07090824)	1.58569 (07091824)	1.60806 (07091824)	1.59137 (07030724)
3757841.3	1.63384 (07090824)	1.59732 (07090824)	1.59064 (07091824)	1.61665 (07091824)	1.60262 (07091824)
3757811.3	1.64508 (07090824)	1.61183 (07090824)	1.59523 (07091824)	1.62504 (07091824)	1.61438 (07091824)
3757781.3	1.65614 (07090824)	1.62630 (07090824)	1.59954 (07091824)	1.63320 (07091824)	1.62599 (07091824)
3757751.3	1.66701 (07090824)	1.64060 (07090824)	1.60357 (07091824)	1.64113 (07091824)	1.63742 (07091824)
3757721.3	1.67750 (07090824)	1.65469 (07090824)	1.60732 (07091824)	1.64878 (07091824)	1.64862 (07091824)
3757691.3	1.68760 (07090824)	1.66856 (07090824)	1.61319 (07090824)	1.65608 (07091824)	1.65970 (07091824)
3757661.3	1.69737 (07090824)	1.68228 (07090824)	1.62990 (07090824)	1.66315 (07091824)	1.67060 (07091824)
3757631.3	1.70686 (07090824)	1.69583 (07090824)	1.64652 (07090824)	1.67001 (07091824)	1.68132 (07091824)
3757601.3	1.71600 (07090824)	1.70907 (07090824)	1.66297 (07090824)	1.67660 (07091824)	1.69185 (07091824)
3757571.3	1.72464 (07090824)	1.72197 (07090824)	1.67925 (07090824)	1.68293 (07091824)	1.70209 (07091824)
3757541.3	1.73284 (07090824)	1.73459 (07090824)	1.69533 (07090824)	1.68885 (07091824)	1.71204 (07091824)
3757511.3	1.74067 (07090824)	1.74690 (07090824)	1.71129 (07090824)	1.69441 (07091824)	1.72176 (07091824)
3757481.3	1.74807 (07090824)	1.75894 (07090824)	1.72709 (07090824)	1.69968 (07091824)	1.73131 (07091824)
3757451.3	1.75501 (07090824)	1.77060 (07090824)	1.74269 (07090824)	1.70465 (07091824)	1.74063 (07091824)
3757421.3	1.76141 (07090824)	1.78190 (07090824)	1.75814 (07090824)	1.70935 (07091824)	1.74967 (07091824)
3757391.3	1.76736 (07090824)	1.79292 (07090824)	1.77345 (07090824)	1.71554 (07030724)	1.75833 (07091824)

Site #17 – Localized PM_{10} Concentrations

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3757361.3 |      1.77295 (07090824)      1.80362 (07090824)      1.78847 (07090824)      1.73139 (07090824)      1.76670 (07091824)
3757331.3 |      1.77800 (07090824)      1.81383 (07090824)      1.80319 (07090824)      1.74958 (07090824)      1.77483 (07091824)
3757301.3 |      1.78246 (07090824)      1.82359 (07090824)      1.81762 (07090824)      1.76765 (07090824)      1.78269 (07091824)
3757271.3 |      1.78634 (07090824)      1.83292 (07090824)      1.83183 (07090824)      1.78562 (07090824)      1.79025 (07091824)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                          ***       10/26/10
                                  ***                                                                         ***       17:09:02
                                                                                                                        PAGE  24
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372870.44              372900.44              372930.44              372960.44              372990.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      1.78981 (07090824)      1.84194 (07090824)      1.84582 (07090824)      1.80350 (07090824)      1.79735 (07091824)
3757211.3 |      1.79288 (07090824)      1.85061 (07090824)      1.85948 (07090824)      1.82114 (07090824)      1.80404 (07091824)
3757181.3 |      1.79521 (07090824)      1.85858 (07090824)      1.87263 (07090824)      1.83857 (07090824)      1.81181 (07030724)
3757151.3 |      1.79673 (07090824)      1.86591 (07090824)      1.88540 (07090824)      1.85585 (07090824)      1.82141 (07030724)
3757121.3 |      1.79763 (07090824)      1.87278 (07090824)      1.89787 (07090824)      1.87299 (07090824)      1.83097 (07030724)
3757091.3 |      1.79807 (07090824)      1.87921 (07090824)      1.90999 (07090824)      1.88995 (07090824)      1.84049 (07030724)
3757061.3 |      1.79793 (07090824)      1.88508 (07090824)      1.92159 (07090824)      1.90656 (07090824)      1.84998 (07030724)
3757031.3 |      1.79702 (07090824)      1.89021 (07090824)      1.93258 (07090824)      1.92270 (07090824)      1.86434 (07090824)
3757001.3 |      1.79533 (07090824)      1.89469 (07090824)      1.94308 (07090824)      1.93853 (07090824)      1.88427 (07090824)
3756971.3 |      1.79321 (07090824)      1.89875 (07090824)      1.95323 (07090824)      1.95414 (07090824)      1.90408 (07090824)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                          ***       10/26/10
                                  ***                                                                         ***       17:09:02
                                                                                                                        PAGE  25
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373020.44              373050.44              373080.44              373110.44              373140.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      1.44870 (05082924)      1.42475 (05082924)      1.37251 (05082924)      1.32463 (07030724)      1.37128 (07050924)
3758411.3 |      1.45741 (05082924)      1.43526 (05082924)      1.38433 (05082924)      1.33437 (07030724)      1.37662 (07050924)
3758381.3 |      1.46604 (05082924)      1.44566 (05082924)      1.39613 (05082924)      1.34427 (07030724)      1.38204 (07050924)
3758351.3 |      1.47455 (05082924)      1.45595 (05082924)      1.40799 (05082924)      1.35433 (07030724)      1.38750 (07050924)
3758321.3 |      1.48295 (05082924)      1.46619 (05082924)      1.41989 (05082924)      1.36453 (07030724)      1.39302 (07050924)
3758291.3 |      1.49127 (05082924)      1.47640 (05082924)      1.43186 (05082924)      1.37482 (07030724)      1.39856 (07050924)
3758261.3 |      1.49949 (05082924)      1.48662 (05082924)      1.44387 (05082924)      1.38516 (07030724)      1.40411 (07050924)
3758231.3 |      1.50764 (05082924)      1.49684 (05082924)      1.45585 (05082924)      1.39556 (07030724)      1.40966 (07050924)
3758201.3 |      1.51574 (05082924)      1.50707 (05082924)      1.46781 (05082924)      1.40604 (07030724)      1.41520 (07050924)
3758171.3 |      1.52376 (05082924)      1.51731 (05082924)      1.47975 (05082924)      1.41665 (07030724)      1.42073 (07050924)
3758141.3 |      1.53175 (05082924)      1.52749 (05082924)      1.49171 (05082924)      1.42738 (07030724)      1.42621 (07050924)
3758111.3 |      1.53966 (05082924)      1.53756 (05082924)      1.50366 (05082924)      1.43834 (05082924)      1.43166 (07050924)
3758081.3 |      1.54747 (05082924)      1.54754 (05082924)      1.51554 (05082924)      1.45181 (05082924)      1.43707 (07050924)
3758051.3 |      1.55519 (05082924)      1.55747 (05082924)      1.52738 (05082924)      1.46535 (05082924)      1.44247 (07050924)
3758021.3 |      1.56283 (05082924)      1.56735 (05082924)      1.53927 (05082924)      1.47890 (05082924)      1.44788 (07050924)
3757991.3 |      1.57039 (05082924)      1.57715 (05082924)      1.55125 (05082924)      1.49249 (05082924)      1.45333 (07050924)
3757961.3 |      1.57783 (05082924)      1.58690 (05082924)      1.56324 (05082924)      1.50616 (05082924)      1.45885 (07050924)
3757931.3 |      1.58515 (05082924)      1.59664 (05082924)      1.57521 (05082924)      1.51982 (05082924)      1.46445 (07050924)
3757901.3 |      1.59235 (05082924)      1.60637 (05082924)      1.58716 (05082924)      1.53347 (05082924)      1.47577 (07030724)
3757871.3 |      1.59946 (05082924)      1.61602 (05082924)      1.59906 (05082924)      1.54709 (05082924)      1.48740 (07030724)
3757841.3 |      1.60643 (05082924)      1.62555 (05082924)      1.61086 (05082924)      1.56071 (05082924)      1.49923 (07030724)
3757811.3 |      1.61327 (05082924)      1.63493 (05082924)      1.62254 (05082924)      1.57439 (05082924)      1.51121 (07030724)
3757781.3 |      1.62187 (07030724)      1.64416 (05082924)      1.63408 (05082924)      1.58807 (05082924)      1.52334 (07030724)
3757751.3 |      1.63229 (07030724)      1.65329 (05082924)      1.64556 (05082924)      1.60181 (05082924)      1.53562 (07030724)
3757721.3 |      1.64272 (07030724)      1.66234 (05082924)      1.65709 (05082924)      1.61553 (05082924)      1.54804 (07030724)
3757691.3 |      1.65316 (07030724)      1.67135 (05082924)      1.66870 (05082924)      1.62927 (05082924)      1.56061 (07030724)
3757661.3 |      1.66361 (07030724)      1.68036 (05082924)      1.68029 (05082924)      1.64301 (05082924)      1.57327 (07030724)
3757631.3 |      1.67408 (07030724)      1.68929 (05082924)      1.69185 (05082924)      1.65677 (05082924)      1.58596 (07030724)
3757601.3 |      1.68458 (07030724)      1.69810 (05082924)      1.70333 (05082924)      1.67054 (05082924)      1.59995 (05082924)
3757571.3 |      1.69509 (07030724)      1.70677 (05082924)      1.71473 (05082924)      1.68429 (05082924)      1.61563 (05082924)
3757541.3 |      1.70570 (07030724)      1.71526 (05082924)      1.72603 (05082924)      1.69805 (05082924)      1.63146 (05082924)
3757511.3 |      1.71641 (07030724)      1.72356 (05082924)      1.73716 (05082924)      1.71186 (05082924)      1.64736 (05082924)
3757481.3 |      1.72722 (07030724)      1.73170 (05082924)      1.74814 (05082924)      1.72563 (05082924)      1.66324 (05082924)
3757451.3 |      1.73804 (07030724)      1.73969 (05082924)      1.75906 (05082924)      1.73929 (05082924)      1.67904 (05082924)
3757421.3 |      1.74885 (07030724)      1.75009 (07030724)      1.76997 (05082924)      1.75286 (05082924)      1.69476 (05082924)
3757391.3 |      1.75969 (07030724)      1.76203 (07030724)      1.78082 (05082924)      1.76637 (05082924)      1.71043 (05082924)
3757361.3 |      1.77052 (07030724)      1.77400 (07030724)      1.79162 (05082924)      1.77985 (05082924)      1.72610 (05082924)
3757331.3 |      1.78130 (07030724)      1.78595 (07030724)      1.80236 (05082924)      1.79332 (05082924)      1.74180 (05082924)
3757301.3 |      1.79310 (07091824)      1.79792 (07030724)      1.81302 (05082924)      1.80676 (05082924)      1.75759 (05082924)
3757271.3 |      1.80501 (07091824)      1.80990 (07030724)      1.82350 (05082924)      1.82017 (05082924)      1.77352 (05082924)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                          ***       10/26/10
                                  ***                                                                         ***       17:09:02
                                                                                                                        PAGE  26
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373020.44              373050.44              373080.44              373110.44              373140.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      1.81658 (07091824)      1.82194 (07030724)      1.83377 (05082924)      1.83361 (05082924)      1.78960 (05082924)
3757211.3 |      1.82790 (07091824)      1.83406 (07030724)      1.84386 (05082924)      1.84700 (05082924)      1.80575 (05082924)
3757181.3 |      1.83900 (07091824)      1.84625 (07030724)      1.85387 (05082924)      1.86029 (05082924)      1.82186 (05082924)
3757151.3 |      1.84988 (07091824)      1.85853 (07030724)      1.86375 (05082924)      1.87345 (05082924)      1.83786 (05082924)
3757121.3 |      1.86051 (07091824)      1.87093 (07030724)      1.87350 (05082924)      1.88647 (05082924)      1.85377 (05082924)
3757091.3 |      1.87075 (07091824)      1.88344 (07030724)      1.88306 (05082924)      1.89938 (05082924)      1.86961 (05082924)
3757061.3 |      1.88067 (07091824)      1.89598 (07030724)      1.89586 (07030724)      1.91221 (05082924)      1.88541 (05082924)
3757031.3 |      1.89167 (07030724)      1.90852 (07030724)      1.90961 (07030724)      1.92498 (05082924)      1.90116 (05082924)
3757001.3 |      1.90270 (07030724)      1.92105 (07030724)      1.92348 (07030724)      1.93772 (05082924)      1.91700 (05082924)
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3756971.3 |      1.91375 (07030724)      1.93359 (07030724)      1.93735 (07030724)      1.95046 (05082924)      1.93294 (05082924)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        17:09:02
                                                                                                                   PAGE  27
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                                 X-COORD (METERS)
 (METERS) |       373170.44              373200.44              373230.44              373260.44              373290.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      1.44170 (07050924)      1.51576 (07050924)      1.59077 (07050924)      1.68516 (06060324)      1.87313 (06060324)
3758411.3 |      1.44743 (07050924)      1.52219 (07050924)      1.59784 (07050924)      1.68302 (06060324)      1.87246 (06060324)
3758381.3 |      1.45321 (07050924)      1.52858 (07050924)      1.60499 (07050924)      1.68340 (07050924)      1.87165 (06060324)
3758351.3 |      1.45908 (07050924)      1.53493 (07050924)      1.61220 (07050924)      1.69130 (07050924)      1.87073 (06060324)
3758321.3 |      1.46503 (07050924)      1.54129 (07050924)      1.61947 (07050924)      1.69918 (07050924)      1.86978 (06060324)
3758291.3 |      1.47106 (07050924)      1.54768 (07050924)      1.62680 (07050924)      1.70705 (07050924)      1.86883 (06060324)
3758261.3 |      1.47715 (07050924)      1.55413 (07050924)      1.63421 (07050924)      1.71493 (07050924)      1.86788 (06060324)
3758231.3 |      1.48332 (07050924)      1.56063 (07050924)      1.64170 (07050924)      1.72287 (07050924)      1.86693 (06060324)
3758201.3 |      1.48954 (07050924)      1.56721 (07050924)      1.64923 (07050924)      1.73089 (07050924)      1.86597 (06060324)
3758171.3 |      1.49580 (07050924)      1.57387 (07050924)      1.65680 (07050924)      1.73899 (07050924)      1.86501 (06060324)
3758141.3 |      1.50206 (07050924)      1.58062 (07050924)      1.66440 (07050924)      1.74721 (07050924)      1.86405 (06060324)
3758111.3 |      1.50834 (07050924)      1.58750 (07050924)      1.67203 (07050924)      1.75555 (07050924)      1.86308 (06060324)
3758081.3 |      1.51462 (07050924)      1.59449 (07050924)      1.67966 (07050924)      1.76403 (07050924)      1.86211 (06060324)
3758051.3 |      1.52088 (07050924)      1.60158 (07050924)      1.68729 (07050924)      1.77265 (07050924)      1.86109 (06060324)
3758021.3 |      1.52713 (07050924)      1.60879 (07050924)      1.69493 (07050924)      1.78137 (07050924)      1.86833 (07050924)
3757991.3 |      1.53336 (07050924)      1.61607 (07050924)      1.70260 (07050924)      1.79015 (07050924)      1.87780 (07050924)
3757961.3 |      1.53959 (07050924)      1.62338 (07050924)      1.71032 (07050924)      1.79897 (07050924)      1.88739 (07050924)
3757931.3 |      1.54585 (07050924)      1.63070 (07050924)      1.71808 (07050924)      1.80784 (07050924)      1.89707 (07050924)
3757901.3 |      1.55211 (07050924)      1.63799 (07050924)      1.72594 (07050924)      1.81676 (07050924)      1.90683 (07050924)
3757871.3 |      1.55842 (07050924)      1.64525 (07050924)      1.73386 (07050924)      1.82570 (07050924)      1.91665 (07050924)
3757841.3 |      1.56478 (07050924)      1.65247 (07050924)      1.74184 (07050924)      1.83464 (07050924)      1.92655 (07050924)
3757811.3 |      1.57120 (07050924)      1.65964 (07050924)      1.74989 (07050924)      1.84365 (07050924)      1.93652 (07050924)
3757781.3 |      1.57769 (07050924)      1.66681 (07050924)      1.75799 (07050924)      1.85274 (07050924)      1.94651 (07050924)
3757751.3 |      1.58422 (07050924)      1.67403 (07050924)      1.76615 (07050924)      1.86187 (07050924)      1.95653 (07050924)
3757721.3 |      1.59079 (07050924)      1.68130 (07050924)      1.77434 (07050924)      1.87103 (07050924)      1.96662 (07050924)
3757691.3 |      1.59737 (07050924)      1.68862 (07050924)      1.78254 (07050924)      1.88023 (07050924)      1.97679 (07050924)
3757661.3 |      1.60397 (07050924)      1.69600 (07050924)      1.79080 (07050924)      1.88947 (07050924)      1.98706 (07050924)
3757631.3 |      1.61061 (07050924)      1.70344 (07050924)      1.79912 (07050924)      1.89876 (07050924)      1.99742 (07050924)
3757601.3 |      1.61726 (07050924)      1.71093 (07050924)      1.80749 (07050924)      1.90807 (07050924)      2.00786 (07050924)
3757571.3 |      1.62391 (07050924)      1.71844 (07050924)      1.81595 (07050924)      1.91736 (07050924)      2.01841 (07050924)
3757541.3 |      1.63059 (07050924)      1.72595 (07050924)      1.82449 (07050924)      1.92668 (07050924)      2.02904 (07050924)
3757511.3 |      1.63730 (07050924)      1.73348 (07050924)      1.83311 (07050924)      1.93604 (07050924)      2.03976 (07050924)
3757481.3 |      1.64407 (07050924)      1.74104 (07050924)      1.84181 (07050924)      1.94544 (07050924)      2.05053 (07050924)
3757451.3 |      1.65087 (07050924)      1.74861 (07050924)      1.85060 (07050924)      1.95491 (07050924)      2.06135 (07050924)
3757421.3 |      1.65765 (07050924)      1.75619 (07050924)      1.85948 (07050924)      1.96449 (07050924)      2.07226 (07050924)
3757391.3 |      1.66442 (07050924)      1.76384 (07050924)      1.86843 (07050924)      1.97420 (07050924)      2.08328 (07050924)
3757361.3 |      1.67119 (07050924)      1.77158 (07050924)      1.87742 (07050924)      1.98408 (07050924)      2.09438 (07050924)
3757331.3 |      1.67794 (07050924)      1.77941 (07050924)      1.88641 (07050924)      1.99413 (07050924)      2.10557 (07050924)
3757301.3 |      1.68687 (07030724)      1.78733 (07050924)      1.89540 (07050924)      2.00435 (07050924)      2.11683 (07050924)
3757271.3 |      1.70137 (07030724)      1.79536 (07050924)      1.90440 (07050924)      2.01475 (07050924)      2.12819 (07050924)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        17:09:02
                                                                                                                   PAGE  28
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                                 X-COORD (METERS)
 (METERS) |       373170.44              373200.44              373230.44              373260.44              373290.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      1.71592 (07030724)      1.80346 (07050924)      1.91339 (07050924)      2.02529 (07050924)      2.13962 (07050924)
3757211.3 |      1.73057 (07030724)      1.81162 (07050924)      1.92238 (07050924)      2.03590 (07050924)      2.15114 (07050924)
3757181.3 |      1.74537 (07030724)      1.81979 (07050924)      1.93140 (07050924)      2.04652 (07050924)      2.16275 (07050924)
3757151.3 |      1.76032 (07030724)      1.82798 (07050924)      1.94050 (07050924)      2.05710 (07050924)      2.17447 (07050924)
3757121.3 |      1.77545 (07030724)      1.83618 (07050924)      1.94971 (07050924)      2.06766 (07050924)      2.18632 (07050924)
3757091.3 |      1.79355 (05082924)      1.84436 (07050924)      1.95903 (07050924)      2.07821 (07050924)      2.19829 (07050924)
3757061.3 |      1.81166 (05082924)      1.85255 (07050924)      1.96844 (07050924)      2.08873 (07050924)      2.21038 (07050924)
3757031.3 |      1.82988 (05082924)      1.86075 (07050924)      1.97789 (07050924)      2.09926 (07050924)      2.22258 (07050924)
3757001.3 |      1.84824 (05082924)      1.86894 (07050924)      1.98740 (07050924)      2.10986 (07050924)      2.23488 (07050924)
3756971.3 |      1.86671 (05082924)      1.87713 (07050924)      1.99696 (07050924)      2.12060 (07050924)      2.24723 (07050924)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        17:09:02
                                                                                                                   PAGE  29
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                                 X-COORD (METERS)
 (METERS) |       373320.44              373350.44              373380.44              373410.44              373440.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      2.03975 (06060324)      2.18111 (06060324)      2.28759 (06060324)      2.35341 (06060324)      2.37665 (06060324)
3758411.3 |      2.04074 (06060324)      2.18330 (06060324)      2.29160 (06060324)      2.35839 (06060324)      2.38282 (06060324)
3758381.3 |      2.04176 (06060324)      2.18550 (06060324)      2.29561 (06060324)      2.36340 (06060324)      2.38900 (06060324)
3758351.3 |      2.04279 (06060324)      2.18773 (06060324)      2.29965 (06060324)      2.36845 (06060324)      2.39517 (06060324)
3758321.3 |      2.04384 (06060324)      2.18997 (06060324)      2.30363 (06060324)      2.37353 (06060324)      2.40131 (06060324)
3758291.3 |      2.04482 (06060324)      2.19222 (06060324)      2.30754 (06060324)      2.37864 (06060324)      2.40743 (06060324)
3758261.3 |      2.04569 (06060324)      2.19450 (06060324)      2.31137 (06060324)      2.38379 (06060324)      2.41353 (06060324)
3758231.3 |      2.04645 (06060324)      2.19679 (06060324)      2.31512 (06060324)      2.38898 (06060324)      2.41961 (06060324)
3758201.3 |      2.04708 (06060324)      2.19911 (06060324)      2.31880 (06060324)      2.39421 (06060324)      2.42566 (06060324)
3758171.3 |      2.04760 (06060324)      2.20144 (06060324)      2.32241 (06060324)      2.39947 (06060324)      2.43174 (06060324)
3758141.3 |      2.04800 (06060324)      2.20379 (06060324)      2.32595 (06060324)      2.40477 (06060324)      2.43785 (06060324)
3758111.3 |      2.04828 (06060324)      2.20616 (06060324)      2.32950 (06060324)      2.41011 (06060324)      2.44401 (06060324)
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3758081.3 |      2.04855 (06060324)     2.20854 (06060324)     2.33309 (06060324)     2.41548 (06060324)     2.45021 (06060324)
3758051.3 |      2.04883 (06060324)     2.21094 (06060324)     2.33670 (06060324)     2.42090 (06060324)     2.45646 (06060324)
3758021.3 |      2.04912 (06060324)     2.21325 (06060324)     2.34034 (06060324)     2.42631 (06060324)     2.46275 (06060324)
3757991.3 |      2.04940 (06060324)     2.21545 (06060324)     2.34400 (06060324)     2.43167 (06060324)     2.46908 (06060324)
3757961.3 |      2.04970 (06060324)     2.21755 (06060324)     2.34770 (06060324)     2.43698 (06060324)     2.47547 (06060324)
3757931.3 |      2.05000 (06060324)     2.21954 (06060324)     2.35142 (06060324)     2.44223 (06060324)     2.48189 (06060324)
3757901.3 |      2.05030 (06060324)     2.22142 (06060324)     2.35518 (06060324)     2.44742 (06060324)     2.48836 (06060324)
3757871.3 |      2.05062 (06060324)     2.22319 (06060324)     2.35896 (06060324)     2.45256 (06060324)     2.49488 (06060324)
3757841.3 |      2.05094 (06060324)     2.22488 (06060324)     2.36277 (06060324)     2.45765 (06060324)     2.50145 (06060324)
3757811.3 |      2.05124 (06060324)     2.22658 (06060324)     2.36661 (06060324)     2.46276 (06060324)     2.50807 (06060324)
3757781.3 |      2.05144 (06060324)     2.22830 (06060324)     2.37049 (06060324)     2.46789 (06060324)     2.51473 (06060324)
3757751.3 |      2.05150 (06060324)     2.23004 (06060324)     2.37435 (06060324)     2.47306 (06060324)     2.52145 (06060324)
3757721.3 |      2.06032 (07050924)     2.23179 (06060324)     2.37813 (06060324)     2.47825 (06060324)     2.52821 (06060324)
3757691.3 |      2.07143 (07050924)     2.23355 (06060324)     2.38181 (06060324)     2.48346 (06060324)     2.53502 (06060324)
3757661.3 |      2.08268 (07050924)     2.23534 (06060324)     2.38541 (06060324)     2.48869 (06060324)     2.54181 (06060324)
3757631.3 |      2.09409 (07050924)     2.23714 (06060324)     2.38890 (06060324)     2.49395 (06060324)     2.54855 (06060324)
3757601.3 |      2.10565 (07050924)     2.23895 (06060324)     2.39230 (06060324)     2.49923 (06060324)     2.55526 (06060324)
3757571.3 |      2.11734 (07050924)     2.24079 (06060324)     2.39561 (06060324)     2.50454 (06060324)     2.56193 (06060324)
3757541.3 |      2.12912 (07050924)     2.24263 (06060324)     2.39889 (06060324)     2.50989 (06060324)     2.56856 (06060324)
3757511.3 |      2.14100 (07050924)     2.24436 (06060324)     2.40219 (06060324)     2.51528 (06060324)     2.57515 (06060324)
3757481.3 |      2.15297 (07050924)     2.25045 (07050924)     2.40553 (06060324)     2.52072 (06060324)     2.58172 (06060324)
3757451.3 |      2.16498 (07050924)     2.26361 (07050924)     2.40889 (06060324)     2.52620 (06060324)     2.58833 (06060324)
3757421.3 |      2.17701 (07050924)     2.27696 (07050924)     2.41228 (06060324)     2.53166 (06060324)     2.59499 (06060324)
3757391.3 |      2.18908 (07050924)     2.29054 (07050924)     2.41570 (06060324)     2.53705 (06060324)     2.60170 (06060324)
3757361.3 |      2.20123 (07050924)     2.30431 (07050924)     2.41916 (06060324)     2.54237 (06060324)     2.60847 (06060324)
3757331.3 |      2.21350 (07050924)     2.31824 (07050924)     2.42264 (06060324)     2.54761 (06060324)     2.61529 (06060324)
3757301.3 |      2.22589 (07050924)     2.33228 (07050924)     2.42780 (07050924)     2.55278 (06060324)     2.62217 (06060324)
3757271.3 |      2.23843 (07050924)     2.34638 (07050924)     2.44306 (07050924)     2.55787 (06060324)     2.62910 (06060324)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                        ***       10/26/10
                                  ***                                                                       ***       17:09:02
                                                                                                                      PAGE  30

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373320.44              373350.44              373380.44              373410.44              373440.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      2.25119 (07050924)     2.36054 (07050924)     2.45848 (07050924)     2.56290 (06060324)     2.63608 (06060324)
3757211.3 |      2.26416 (07050924)     2.37475 (07050924)     2.47405 (07050924)     2.56794 (06060324)     2.64312 (06060324)
3757181.3 |      2.27734 (07050924)     2.38899 (07050924)     2.48976 (07050924)     2.57773 (07050924)     2.65022 (06060324)
3757151.3 |      2.29069 (07050924)     2.40328 (07050924)     2.50561 (07050924)     2.59475 (07050924)     2.66596 (07050924)
3757121.3 |      2.30415 (07050924)     2.41766 (07050924)     2.52160 (07050924)     2.61195 (07050924)     2.68408 (07050924)
3757091.3 |      2.31769 (07050924)     2.43217 (07050924)     2.53773 (07050924)     2.62929 (07050924)     2.70247 (07050924)
3757061.3 |      2.33127 (07050924)     2.44686 (07050924)     2.55398 (07050924)     2.64677 (07050924)     2.72112 (07050924)
3757031.3 |      2.34488 (07050924)     2.46173 (07050924)     2.57031 (07050924)     2.66444 (07050924)     2.74001 (07050924)
3757001.3 |      2.35851 (07050924)     2.47678 (07050924)     2.58675 (07050924)     2.68231 (07050924)     2.75913 (07050924)
3756971.3 |      2.37219 (07050924)     2.49201 (07050924)     2.60332 (07050924)     2.70038 (07050924)     2.77847 (07050924)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                        ***       10/26/10
                                  ***                                                                       ***       17:09:02
                                                                                                                      PAGE  31

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372437.24              372558.96              372680.68              372802.40              372924.12
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3751945.8 |     11.77971 (07071924)     17.37014 (06062824)     18.22985 (06062824)     15.58584 (05082524)     15.36003 (05101024)
3751834.1 |     10.89807 (06071424)     14.22062 (07071924)     21.04824 (06062824)     18.87671 (06062824)     17.53701 (05101024)
3751722.5 |     13.29990 (07021124)     12.92451 (06071424)     17.21411 (07071924)     25.11604 (06062824)     20.29144 (05082524)
3751610.9 |     15.56519 (06110124)     14.76368 (07021124)     15.47740 (06071424)     20.86618 (07071924)     29.27212 (06062824)
3751499.2 |     21.67545 (06110124)     21.42814 (06110124)     16.99214 (05030524)     18.75933 (06071424)     27.66778 (06062824)
3751387.6 |     18.65387 (07091324)     21.68911 (06110124)     27.48966 (06110124)     20.17640 (05030524)     23.10539 (06071424)
3751276.0 |     16.70557 (07091324)     22.39500 (07091324)     24.34348 (07091324)     32.18031 (06110124)     29.93168 (06110124)
3751164.4 |     21.75847 (07020624)     22.41592 (07020624)     23.99250 (07020624)     31.06272 (07091324)     33.95385 (06110124)
3751052.7 |     20.99604 (07030624)     25.16874 (07020624)     30.58298 (07020624)     37.18767 (07020624)     45.27889 (07020624)
3750941.1 |     23.74635 (05122624)     27.17277 (05122624)     30.74173 (05122624)     36.24151 (07030624)     44.38236 (07030624)
3750829.5 |     27.27837 (05122624)     32.93918 (05122624)     40.57320 (05122624)     51.08290 (05122624)     65.76915 (05122624)
3750717.8 |     31.21199 (06110924)     36.44300 (06110924)     43.30214 (06110924)     54.05782m(05012424)     74.95180m(05012424)
3750606.2 |     35.52581m(05012424)     43.76214m(05012424)     52.73716m(05012424)     61.38674 (06012524)     78.95597 (06012524)
3750494.6 |     36.44092 (06012524)     42.88575 (06012524)     48.06979 (06012524)     53.58022 (05120724)     70.92079 (05121124)
3750382.9 |     31.55857c(06111824)     37.58167 (06020124)     43.80178 (06020124)     53.99422 (06122024)     67.92414 (07123024)
3750271.3 |     32.45398 (06020124)     37.97936 (06122024)     45.72824 (06111624)     51.79979 (07123024)     66.86034 (05111224)
3750159.7 |     31.80030 (06111624)     39.13931 (06111624)     40.38431 (05111224)     53.31100 (05111224)     57.22295 (05100924)
3750048.1 |     31.53674 (07123024)     36.02688 (05111224)     43.30567 (05111224)     45.20358 (05100924)     46.96562 (05122924)
3749936.4 |     31.86496 (05111224)     35.77445 (05111224)     36.65048 (05100924)     37.20364 (05100924)     38.26900 (05122924)
3749824.8 |     30.00758 (05111224)     30.33056 (05100924)     32.43270 (05100924)     32.54804 (05122924)     26.77688 (06030424)
3749713.2 |     25.52237 (05100924)     28.40712 (05100924)     28.60469 (05060724)     25.28015 (05122924)     22.71067 (05112824)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                        ***       10/26/10
                                  ***                                                                       ***       17:09:02
                                                                                                                      PAGE  32

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373045.84              373167.56              373289.28              373411.00              373532.72
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3751945.8 |     19.33849 (06090524)     22.89510 (06090524)     19.35728 (06091124)     18.48154 (06091124)     27.82129 (07050924)
3751834.1 |     15.80562 (06090524)     26.80379 (06090524)     22.48777 (06090524)     22.48856 (06091124)     31.09607 (07050924)
3751722.5 |     19.33363 (05101024)     27.93124 (06090524)     29.28334 (06090524)     27.14402 (06091124)     35.03726 (07050924)
3751610.9 |     22.18770 (05082524)     25.25205 (06090524)     36.91583 (06090524)     32.53118 (06091124)     39.86225 (07050924)
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3751499.2	32.93743 (06062824)	25.31129 (05101024)	42.47282 (06090524)	43.91246 (06090524)	45.91316 (07050924)
3751387.6	37.70752 (06062824)	36.62330 (05082524)	43.56866 (06090524)	60.66365 (06090524)	53.76332 (07050924)
3751276.0	29.14348 (06071424)	51.12969 (06062824)	39.13107 (06092824)	78.83850 (06090524)	64.48300 (07050924)
3751164.4	43.28658 (06110124)	41.16458m(05010924)	68.99238 (06062824)	94.49095 (06090524)	98.92266 (06090524)
3751052.7	46.97940 (07020624)	56.74266 (06110124)	67.80756m(05010924)	109.20483 (06062824)	179.56450 (06090524)
3750941.1	56.86423 (07020624)	84.11705 (07020624)	111.16548 (07020624)	188.15836 (05021824)	387.55637 (06090524)
3750829.5	86.42984 (05122624)	115.97236 (05122624)	163.93262 (06010124)	377.90328 (07112524)	1426.46483 (06121424)
3750717.8	103.47739m(05012424)	141.79826m(05012424)	214.86682m(05012424)	404.49584 (07010324)	1445.17317 (05120824)
3750606.2	97.72593 (06012524)	139.54238 (05121124)	201.75244 (05121124)	292.83055 (05120824)	350.69219 (07081524)
3750494.6	93.14804 (05121124)	123.58762 (05110524)	156.06924 (05120824)	145.62812 (06121824)	230.02097 (07081524)
3750382.9	85.68580 (05110524)	103.48226 (05100924)	96.94566 (05122924)	98.03294 (06010524)	173.41098 (07081524)
3750271.3	75.03056 (05100924)	78.25544 (05122924)	69.38160 (06120424)	70.09926 (05020424)	137.91634 (07081524)
3750159.7	60.69705 (05122924)	45.66572 (05112824)	55.41932 (06120424)	53.40416 (05020424)	112.44515 (07081524)
3750048.1	43.38143 (05122924)	41.73379 (06120424)	41.35783 (05020424)	40.61033 (06112824)	93.46679 (07081524)
3749936.4	31.28485 (05112824)	36.57489 (06120424)	37.80752 (05020424)	33.96984 (05102624)	79.26215 (07081524)
3749824.8	28.07645 (06120424)	29.59698 (06120424)	32.19262 (05020424)	31.94952 (07081524)	68.51385 (07081524)
3749713.2	25.95997 (06120424)	24.82444 (05020424)	26.35401 (05020424)	30.18972 (07081524)	60.20510 (07081524)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 373654.44	373776.16	373897.88	374019.60	374141.32
3751945.8	23.32937 (07083124)	27.51462 (07083124)	24.02757 (07083124)	22.28921 (05052624)	22.59522 (07071524)
3751834.1	27.86151 (07083124)	32.20335 (07083124)	25.17669 (07083124)	23.31791 (05052624)	30.73047 (07071524)
3751722.5	34.04647 (07083124)	37.54839 (07083124)	30.02423 (05052624)	29.07522 (07071524)	33.37739 (07071524)
3751610.9	42.69955 (07083124)	43.41605 (07083124)	35.43085 (05052624)	41.26943 (07071524)	27.05289 (07071524)
3751499.2	54.95442 (07083124)	49.36149 (07083124)	39.41329 (07071524)	44.35718 (07071524)	31.50296 (07092824)
3751387.6	72.38966 (07083124)	54.05148 (07083124)	59.24286 (07071524)	37.73769 (07031824)	42.44710 (07092824)
3751276.0	97.34214 (07083124)	69.22635 (05052624)	64.80424 (07071524)	57.74665 (07092824)	68.20689 (06101024)
3751164.4	133.58717 (07083124)	97.62723 (07071524)	83.92982 (07092824)	105.45956 (06101024)	104.61732 (06101024)
3751052.7	195.60606 (07083124)	138.51861 (07031824)	177.18093 (06101024)	135.55157 (06101024)	80.50802 (06052024)
3750941.1	384.76474 (07083124)	327.04490 (06101024)	168.56519 (06052024)	115.66702 (05081824)	86.11254 (05081824)
3750829.5	1388.33456 (07111824)	283.81836 (05102324)	152.36327 (05102324)	95.22178 (05102324)	60.83999 (05102324)
3750717.8	1202.58412 (07013024)	247.16575 (06051424)	135.35006 (06060724)	93.58977 (06060724)	65.66868 (06060724)
3750606.2	267.28439 (07081524)	115.51493 (05012924)	80.06004 (05070424)	56.88457 (07110724)	52.42626 (07110724)
3750494.6	158.67060 (07081524)	70.16470 (05061324)	59.69192 (05012924)	51.61671 (06051424)	41.77681 (05070224)
3750382.9	115.74375 (07081524)	58.90868 (05120324)	39.69037 (05040924)	38.55252 (05012924)	39.24132 (06051424)
3750271.3	92.19645 (07081524)	47.56365 (05120324)	33.99861 (07021324)	29.97933 (07092724)	28.69476 (05082324)
3750159.7	77.07107 (07081524)	35.62526 (05120324)	30.13123 (05120324)	24.82442 (07090824)	24.48150 (07092724)
3750048.1	66.35568 (07081524)	28.75871 (07120824)	26.88230 (05120324)	21.95159 (07021324)	20.88742 (06071724)
3749936.4	58.21623 (07081524)	26.02272 (07120824)	22.10295 (05120324)	19.70368 (05081524)	23.27638 (07090824)
3749824.8	51.73362 (07081524)	23.19239 (07120824)	17.92003 (05091724)	19.19639 (05081524)	15.65789 (07090824)
3749713.2	46.40410 (07081524)	20.60458 (07120824)	18.06732 (05091724)	15.49381 (06072824)	14.34227 (05081524)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 374263.04	374384.76	374506.48	374628.20	374749.92
3751945.8	26.26411 (07071524)	13.98366 (07071524)	14.88375 (07092824)	17.59153 (07092824)	13.88891 (06081224)
3751834.1	22.77207 (07071524)	15.80585 (07031824)	20.34412 (07092824)	16.50547 (07092824)	18.02367 (06101024)
3751722.5	18.24331 (07031824)	23.48073 (07092824)	20.34106 (07092824)	22.00782 (06101024)	27.72543 (06101024)
3751610.9	27.10993 (07092824)	25.45806 (07092824)	27.51471 (06101024)	34.13720 (06101024)	33.77593 (06101024)
3751499.2	32.45750 (07092824)	35.48110 (06101024)	43.27510 (06101024)	41.87812 (06101024)	36.82585 (06101024)
3751387.6	47.74047 (06101024)	56.83298 (06101024)	52.15518 (06101024)	41.25310 (06101024)	28.03313 (06101024)
3751276.0	76.99939 (06101024)	62.91816 (06101024)	42.02466 (06101024)	32.41270 (06052024)	28.22260 (05090224)
3751164.4	69.93326 (06101024)	47.99728 (06052024)	40.86306 (05090224)	37.95979 (05081824)	35.39808 (05081824)
3751052.7	64.41002 (05081824)	57.71211 (05081824)	47.80250 (05081824)	37.72583 (05081824)	28.71755 (05081824)
3750941.1	60.61721 (05081824)	46.49861 (06050424)	39.22688 (06050424)	33.20011 (06050424)	28.07041 (06050424)
3750829.5	43.25783 (06050424)	34.00170 (07051524)	27.76177 (07051524)	23.25334 (07051524)	19.86194 (07051524)
3750717.8	51.46137 (07051524)	42.42012 (07051524)	35.28692 (07051524)	29.68015 (07051524)	25.26513 (07051524)
3750606.2	43.32605 (07110724)	34.86893 (06060724)	28.50878 (06060724)	23.94436 (06060724)	20.61195 (06060724)
3750494.6	30.92233 (05070224)	31.47198 (07110724)	29.51638 (07110724)	24.77766 (07110724)	19.26918 (07110724)
3750382.9	28.88878 (05070224)	27.79713 (05070224)	21.01941 (05070224)	20.13133 (07110724)	20.94530 (07110724)
3750271.3	29.65745 (06051424)	25.04864 (06051424)	21.62412 (05070224)	19.87614 (05070224)	15.46326 (05070224)
3750159.7	22.32005 (05082324)	23.68565 (05082324)	22.13431 (06051424)	15.66019 (05070224)	16.59523 (05070224)
3750048.1	19.42912 (07092724)	17.88811 (05082324)	20.12503 (05082324)	18.86177 (06051424)	15.06232 (06051424)
3749936.4	16.87143 (07092724)	15.07746 (07092724)	14.68325 (05082324)	17.20513 (05082324)	15.73165 (06051424)
3749824.8	21.54993 (07090824)	16.14786 (07092724)	11.78637 (05012924)	12.41561 (07013024)	14.80799 (05082324)
3749713.2	20.34910 (07090824)	16.48893 (07090824)	14.64018 (07092724)	10.09506 (05012924)	10.78451 (07013024)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 374871.64
3751945.8	15.04313 (06101024)
3751834.1	23.01778 (06101024)
3751722.5	27.81483 (06101024)
3751610.9	31.24255 (06101024)

```
 3751499.2 |     29.22214 (06101024)
 3751387.6 |     23.63409 (06052024)
 3751276.0 |     27.77153 (05090224)
 3751164.4 |     31.37691 (05081824)
 3751052.7 |     23.57798 (06050424)
 3750941.1 |     23.71733 (06050424)
 3750829.5 |     17.22992 (07051524)
 3750717.8 |     21.75967 (07051524)
 3750606.2 |     18.75834 (07051524)
 3750494.6 |     15.73915 (07090724)
 3750382.9 |     19.34703 (07110724)
 3750271.3 |     13.44449 (07110724)
 3750159.7 |     14.98694 (05070224)
 3750048.1 |     13.00537 (05070224)
 3749936.4 |     14.26097 (06051424)
 3749824.8 |     12.98876 (06051424)
 3749713.2 |     12.83639 (05082324)
 *** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                    ***        10/26/10
                                   ***                                                                   ***        17:09:02
                                                                                                                    PAGE  36
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                            *** 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)
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372647.17   3750290.48       42.02997  (06122024)               373224.49   3750294.52       75.44784  (05122924)
       373809.89   3750290.48       45.80730  (05120324)               374411.43   3750290.48       21.78963  (05070224)
       373842.19   3751158.48       82.87054  (07071524)               373822.00   3751416.86       50.55881  (05052624)
       374060.20   3751340.15       48.95406  (07092824)
 *** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                    ***        10/26/10
                                   ***                                                                   ***        17:09:02
                                                                                                                    PAGE  37
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

                                        *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***


                                      ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

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

ALL      HIGH  1ST HIGH VALUE IS    1445.17317  ON 05120824: AT (  373532.72,  3750717.83,    10.00,    10.00,    0.00)  GC  UCART2


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Site 17 - PM10                                                    ***        10/26/10
                                   ***                                                                   ***        17:09:02
                                                                                                                    PAGE  38
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            0 Warning Message(s)
 A Total of          152 Informational Message(s)

 A Total of        26280 Hours Were Processed

 A Total of           15 Calm Hours Identified

 A Total of          137 Missing Hours Identified (  0.52 Percent)


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


    ********   WARNING MESSAGES   ********
              ***  NONE  ***


    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

Operational Emission Calculations

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Operational Emissions

Crenshaw Vehicle Miles Traveled (VMT) Summary[1]				
Scenario	**Auto Regional VMT**	**Bus VMT**	**LRT VMT**	**Total Miles Traveled**
NB	454,428,833	686,607	0	455,115,440
TSM	454,401,060	689,533	0	455,090,593
BRT	454,303,504	690,107	0	454,993,611
LRT	454,402,069	686,662	3,632	455,092,363

Crenshaw VMT Alternative Comparison				
Scenario	**Auto Regional VMT**	**Bus VMT**	**LRT VMT**	**Total VMT**
NB v. TSM	-27,773	2,926	0	-24,847
NB v. BRT	-125,329	3,500	0	-121,829
NB v. LRT	-26,764	54	3,632	-23,078

Automobile Emission Factors (grams/mile)						
Vehcile	**VOC**	**CO**	**NO_X**	**SO_X**	**$PM_{2.5}$**	**PM_{10}**
Auto[2]	0.031	0.949	0.073	0.005	0.010	0.015
Bus[3]	0.820	8.20	4.92	-	0.040	0.041

Light Rail Transit Emission Factors (pounds/megawatt-hour)						
Vehcile	**VOC**	**CO**	**NO_X**	**SO_X**	**$PM_{2.5}$**	**PM_{10}**
Light Rail	0.010	0.200	1.150	0.120	0.040	0.040

Regional Operational Emissions (pounds/day)						
Scenario	**VOC**	**CO**	**NO_X**	**SO_X**	**$PM_{2.5}$**	**PM_{10}**
NB v. TSM-BRT	3	-5	27	-0.3	-0.4	-0.7
NB v. BRT	-2	-199	18	-1.2	-2.5	-3.9
NB v. LRT[4]	-1	-43	67	7.1	1.9	1.6

Regional Operational Emissions (tons/yr)						
Scenario	**VOC**	**CO**	**NO_X**	**SO_X**	**$PM_{2.5}$**	**PM_{10}**
NB v. TSM-BRT	0.6	-1	5	-0.1	-0.1	-0.1
NB v. BRT	-0.4	-36	3	-0.2	-0.4	-0.7
NB v. LRT	-0.3	-8	12	1.3	0.3	0.3

1 Vehicle miles traveled obtained from traffic analysis. Does not include Metrolink miles.
2 Auto emission factors obtained from EMFAC2007.
3 CNG emission factors obtained from CARB.
4 Assumes 17 kilowatt-hours per train mile.

Greenhouse Gas Emissions

Crenshaw Vehicle Miles Traveled (VMT) Summary[1]				
Scenario	**Auto Regional VMT**	**Bus VMT**	**LRT VMT**	**Total Miles Traveled**
NB	454,428,833	686,607	0	455,115,440
TSM	454,401,060	689,533	0	455,090,593
BRT	454,303,504	690,107	0	454,993,611
LRT	454,402,069	686,662	3,632	455,092,363

Crenshaw VMT Alternative Comparison				
Scenario	**Auto Regional VMT**	**Bus VMT**	**LRT VMT**	**Total VMT**
NB v. TSM	-27,773	2,926	0	-24,847
NB v. BRT	-125,329	3,500	0	-121,829
NB v. LRT	-26,764	54	3,632	-23,078

Emission Factors (grams/mile)			Emission Factors (pounds/kilowatt-hour)		
Auto[2]		**Bus[3]**	**Light Rail[4]**		
CO_2	CH_4	CO_2 eq.	CO_2	CH_4	N_2O
548.358	0.013	3,275	0.805	0.0000067	0.0000037

GHG Emissions (tons/year)	
Scenario	**GHG**
NB v. TSM-BRT	-2,275
NB v. BRT	-23,053
NB v. LRT[5]	3,249

1 Vehicle miles traveled obtained from traffic analysis. Urban rail miles are identical (18,156) for each alternative.
2 Auto emission factors obtained from EMFAC2007.
3 CNG emission factors obtained from CARB.
4 California Climate Action Registry, General Reporting Protocol, March 2007.
5 Assumes 17 kilowatt-hours per train mile.

Title   : Crenshaw - Operational Emissions (GHG)
Version : Emfac2007 V2.3 Nov 1 2006
Run Date : 2008/09/17 16:13:52
Scen Year: 2030 -- All model years in the range 1986 to 2030 selected
Season   : Annual
Area   : Los Angeles (SC)
****

Year: 2030 -- Model Years 1986 to 2030 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Methane Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.009	0.016	0.018	0.015	0.030	0.192	0.013

Pollutant Name: Carbon Dioxide Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	401.212	514.282	701.026	1740.724	1797.938	158.982	548.358

Site #17 – Localized $PM_{2.5}$ Concentrations

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 17\PM25.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Site 17 - PM2.5
   MODELOPT  CONC NODRYDPLT NOWETDPLT FLAT
   AVERTIME 24 ANNUAL
   URBANOPT 9862049 Los_Angeles_County
   POLLUTID PM2.5
   RUNORNOT RUN
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1 VOLUME 373572.330 3750796.920 0.0
** DESCRSRC Equipment
   LOCATION AREA1 AREA 373477.189 3750692.718 0.0
** DESCRSRC Equipment
** Source Parameters **
   SRCPARAM VOL1 0.0372 4.100 46.783 1.163
   SRCPARAM AREA1 0.00001006 0.000 201.168 201.168 0.000
   URBANSRC VOL1
   URBANSRC AREA1
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                  XYINC 371970.44 50 30.00 3756971.30 50 30.00
   GRIDCART UCART1 END
   GRIDCART UCART2 STA
                  XYINC 372437.24 21 121.72 3749713.16 21 111.63
   GRIDCART UCART2 END
** DESCRREC "" ""
   DISCCART    372647.17   3750290.48
   DISCCART    373224.49   3750294.52
   DISCCART    373809.89   3750290.48
   DISCCART    374411.43   3750290.48
   DISCCART    373842.19   3751158.48
   DISCCART    373822.00   3751416.86
   DISCCART    374060.20   3751340.15
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
   PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   PROFBASE 10 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST PM25.AD\24H1GALL.PLT
   PLOTFILE ANNUAL ALL PM25.AD\AN00GALL.PLT
OU FINISHED

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

 *** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                    ***        10/26/10
                                   ***                                                                    ***        17:26:09
                                                                                                                     PAGE   1
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F
```

Site #17 – Localized $PM_{2.5}$ Concentrations

```
**Model Uses URBAN Dispersion Algorithm for the SBL for     2 Source(s),
  for Total of    1 Urban Area(s):
  Urban Population =   9862049.0 ;  Urban Roughness Length =  1.000 m

**Model Allows User-Specified Options:
        1. Stack-tip Downwash.
        2. Model Assumes Receptors on FLAT Terrain.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates  1 Short Term Average(s) of:  24-HR
    and Calculates ANNUAL Averages

**This Run Includes:      2 Source(s);       1 Source Group(s); and    2948 Receptor(s)

**The Model Assumes A Pollutant Type of:  PM2.5

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

**Output Options Selected:
         Model Outputs Tables of ANNUAL 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)

**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) =    10.00 ;  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 =      3.8 MB of RAM.

*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        17:26:09
                                                                                                                    PAGE   2
**MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                NODRYDPLT NOWETDPLT


                                                *** VOLUME SOURCE DATA ***

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

  VOL1          0   0.37200E-01  373572.3 3750796.9    10.0     4.10    46.78     1.16     YES
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        17:26:09
                                                                                                                    PAGE   3
**MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                NODRYDPLT NOWETDPLT


                                                *** AREA SOURCE DATA ***

            NUMBER EMISSION RATE  COORD (SW CORNER)  BASE     RELEASE  X-DIM     Y-DIM    ORIENT.    INIT.   URBAN  EMISSION RATE
   SOURCE     PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF AREA   OF AREA   OF AREA     SZ     SOURCE  SCALAR VARY
     ID       CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS) (METERS)  (METERS)   (DEG.)  (METERS)             BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  AREA1         0   0.10060E-04  373477.2 3750692.7    10.0     0.00    201.17    201.17      0.00     0.00     YES
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        17:26:09
                                                                                                                    PAGE   4
**MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                NODRYDPLT NOWETDPLT


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                            SOURCE IDs


 ALL       VOL1    , AREA1   ,
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        17:26:09
                                                                                                                    PAGE   5
**MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                NODRYDPLT NOWETDPLT


                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                            *** X-COORDINATES OF GRID ***
                                                    (METERS)

     371970.4,  372000.4,  372030.4,  372060.4,  372090.4,  372120.4,  372150.4,  372180.4,  372210.4,  372240.4,
     372270.4,  372300.4,  372330.4,  372360.4,  372390.4,  372420.4,  372450.4,  372480.4,  372510.4,  372540.4,
     372570.4,  372600.4,  372630.4,  372660.4,  372690.4,  372720.4,  372750.4,  372780.4,  372810.4,  372840.4,
     372870.4,  372900.4,  372930.4,  372960.4,  372990.4,  373020.4,  373050.4,  373080.4,  373110.4,  373140.4,
     373170.4,  373200.4,  373230.4,  373260.4,  373290.4,  373320.4,  373350.4,  373380.4,  373410.4,  373440.4,


                                            *** Y-COORDINATES OF GRID ***
                                                    (METERS)

    3756971.3, 3757001.3, 3757031.3, 3757061.3, 3757091.3, 3757121.3, 3757151.3, 3757181.3, 3757211.3, 3757241.3,
    3757271.3, 3757301.3, 3757331.3, 3757361.3, 3757391.3, 3757421.3, 3757451.3, 3757481.3, 3757511.3, 3757541.3,
    3757571.3, 3757601.3, 3757631.3, 3757661.3, 3757691.3, 3757721.3, 3757751.3, 3757781.3, 3757811.3, 3757841.3,
    3757871.3, 3757901.3, 3757931.3, 3757961.3, 3757991.3, 3758021.3, 3758051.3, 3758081.3, 3758111.3, 3758141.3,
    3758171.3, 3758201.3, 3758231.3, 3758261.3, 3758291.3, 3758321.3, 3758351.3, 3758381.3, 3758411.3, 3758441.3,

*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        17:26:09
```

```
                                                                                                                    PAGE   6
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                    *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                 *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                        *** X-COORDINATES OF GRID ***
                                                  (METERS)

      372437.2,  372559.0,  372680.7,  372802.4,  372924.1,  373045.8,  373167.6,  373289.3,  373411.0,  373532.7,
      373654.4,  373776.2,  373897.9,  374019.6,  374141.3,  374263.0,  374384.8,  374506.5,  374628.2,  374749.9,
      374871.6,

                                        *** Y-COORDINATES OF GRID ***
                                                  (METERS)

     3749713.2, 3749824.8, 3749936.4, 3750048.1, 3750159.7, 3750271.3, 3750382.9, 3750494.6, 3750606.2, 3750717.8,
     3750829.5, 3750941.1, 3751052.7, 3751164.4, 3751276.0, 3751387.6, 3751499.2, 3751610.9, 3751722.5, 3751834.1,
     3751945.8,
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                        ***       10/26/10
                                  ***                                                                        ***       17:26:09
                                                                                                                    PAGE   7
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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

    ( 372647.2, 3750290.5,      10.0,      10.0,       0.0);         ( 373224.5, 3750294.5,      10.0,      10.0,       0.0);
    ( 373809.9, 3750290.5,      10.0,      10.0,       0.0);         ( 374411.4, 3750290.5,      10.0,      10.0,       0.0);
    ( 373842.2, 3751158.5,      10.0,      10.0,       0.0);         ( 373822.0, 3751416.9,      10.0,      10.0,       0.0);
    ( 374060.2, 3751340.1,      10.0,      10.0,       0.0);
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                        ***       10/26/10
                                  ***                                                                        ***       17:26:09
                                                                                                                    PAGE   8
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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


                           SOURCE         - - RECEPTOR LOCATION - -         DISTANCE
                             ID           XR (METERS)   YR (METERS)         (METERS)
                          - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

                           VOL1              373532.7     3750717.8           -12.13
                           VOL1              373532.7     3750829.5           -49.32
                           VOL1              373654.4     3750829.5           -12.26
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                        ***       10/26/10
                                  ***                                                                        ***       17:26:09
                                                                                                                    PAGE   9
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                    *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                              (1=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

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


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

                                             1.54,   3.09,   5.14,   8.23,  10.80,
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                        ***       10/26/10
                                  ***                                                                        ***       17:26:09
                                                                                                                    PAGE  10
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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

  Surface file:   L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC    Met Version:  06341
  Profile file:   L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL
  Surface format: FREE
  Profile format: FREE
  Surface station no.:        0                 Upper air station no.:     3190
                Name: UNKNOWN                                 Name: UNKNOWN
                Year:   2005                                  Year:   2005

 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 05 01 01   1 01   -3.3  0.062 -9.000 -9.000 -999.   35.      6.5  0.26   1.00   1.00    1.10   52.    9.1  282.5    5.5
 05 01 01   1 02   -3.9  0.073 -9.000 -9.000 -999.   45.      8.9  0.26   1.00   1.00    1.30   51.    9.1  282.0    5.5
 05 01 01   1 03   -2.7  0.056 -9.000 -9.000 -999.   30.      5.9  0.26   1.00   1.00    1.00   48.    9.1  281.4    5.5
 05 01 01   1 04   -2.3  0.056 -9.000 -9.000 -999.   30.      6.8  0.26   1.00   1.00    1.00   52.    9.1  280.9    5.5
 05 01 01   1 05   -2.8  0.062 -9.000 -9.000 -999.   35.      7.5  0.26   1.00   1.00    1.10   62.    9.1  281.4    5.5
 05 01 01   1 06   -5.3  0.078 -9.000 -9.000 -999.   51.      8.2  0.26   1.00   1.00    1.40   64.    9.1  280.9    5.5
 05 01 01   1 07   -3.9  0.067 -9.000 -9.000 -999.   40.      7.0  0.26   1.00   1.00    1.20   55.    9.1  280.4    5.5
 05 01 01   1 08   -4.9  0.078 -9.000 -9.000 -999.   51.      8.8  0.26   1.00   0.53    1.40   76.    9.1  280.9    5.5
 05 01 01   1 09   45.2  0.282  0.524  0.005  115.  344.    -44.6  0.26   1.00   0.30    2.20   78.    9.1  283.1    5.5
 05 01 01   1 10  114.4  0.293  1.397  0.005  862.  365.    -19.9  0.26   1.00   0.22    2.10   83.    9.1  284.9    5.5
 05 01 01   1 11  139.9  0.299  1.673  0.010 1212.  376.    -17.3  0.26   1.00   0.19    2.10   80.    9.1  287.0    5.5
 05 01 01   1 12   15.0  0.122  0.797  0.010 1215.  125.    -10.8  0.26   1.00   0.18    0.80   30.    9.1  287.0    5.5
 05 01 01   1 13   28.1  0.223  0.983  0.010 1221.  241.    -35.4  0.26   1.00   0.18    1.70  184.    9.1  287.0    5.5
 05 01 01   1 14   17.9  0.256  0.847  0.009 1225.  298.    -84.4  0.26   1.00   0.19    2.10  201.    9.1  287.0    5.5
 05 01 01   1 15    4.2  0.231  0.521  0.009 1226.  256.   -268.6  0.26   1.00   0.22    2.00  205.    9.1  286.4    5.5
 05 01 01   1 16    0.1  0.180  0.151  0.009 1226.  176.  -5231.4  0.26   1.00   0.31    1.60  211.    9.1  286.4    5.5
 05 01 01   1 17   -1.7  0.045 -9.000 -9.000 -999.   46.      4.9  0.26   1.00   0.57    0.80  216.    9.1  285.9    5.5
```

```
05 01 01   1 18   -0.6  0.028 -9.000 -9.000 -999.   11.      3.4  0.26   1.00   1.00    0.50   38.    9.1  285.4    5.5
05 01 01   1 19   -0.4  0.022 -9.000 -9.000 -999.    8.      2.8  0.26   1.00   1.00    0.40  261.    9.1  284.9    5.5
05 01 01   1 20   -0.4  0.022 -9.000 -9.000 -999.    8.      2.8  0.26   1.00   1.00    0.40  337.    9.1  284.9    5.5
05 01 01   1 21   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80   12.    9.1  284.9    5.5
05 01 01   1 22   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80  360.    9.1  284.9    5.5
05 01 01   1 23   -1.9  0.050 -9.000 -9.000 -999.   26.      6.2  0.26   1.00   1.00    0.90   46.    9.1  284.2    5.5
05 01 01   1 24   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80   12.    9.1  284.2    5.5


First hour of profile data
YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
05 01 01 01    5.5 0 -999.  -99.00   282.6   99.0  -99.00  -99.00
05 01 01 01    9.1 1   52.    1.10  -999.0   99.0  -99.00  -99.00

F indicates top of profile (=1) or below (=0)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        17:26:09
                                                                                                                    PAGE  11

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

   Y-COORD  |                                                 X-COORD (METERS)
   (METERS) |     371970.44    372000.44    372030.44    372060.44    372090.44    372120.44    372150.44    372180.44    372210.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3758441.30 |       0.01413      0.01420      0.01427      0.01435      0.01443      0.01453      0.01463      0.01474      0.01487
 3758411.30 |       0.01420      0.01427      0.01435      0.01442      0.01451      0.01460      0.01470      0.01482      0.01494
 3758381.30 |       0.01428      0.01435      0.01442      0.01450      0.01458      0.01468      0.01478      0.01489      0.01501
 3758351.30 |       0.01436      0.01443      0.01450      0.01458      0.01466      0.01475      0.01485      0.01496      0.01509
 3758321.30 |       0.01443      0.01451      0.01458      0.01466      0.01474      0.01483      0.01493      0.01504      0.01516
 3758291.30 |       0.01451      0.01458      0.01466      0.01473      0.01482      0.01491      0.01501      0.01512      0.01524
 3758261.30 |       0.01459      0.01466      0.01474      0.01481      0.01490      0.01499      0.01509      0.01519      0.01531
 3758231.30 |       0.01467      0.01474      0.01482      0.01490      0.01498      0.01507      0.01516      0.01527      0.01539
 3758201.30 |       0.01475      0.01482      0.01490      0.01498      0.01506      0.01515      0.01524      0.01535      0.01547
 3758171.30 |       0.01483      0.01490      0.01498      0.01506      0.01514      0.01523      0.01533      0.01543      0.01555
 3758141.30 |       0.01491      0.01499      0.01506      0.01514      0.01522      0.01531      0.01541      0.01551      0.01563
 3758111.30 |       0.01499      0.01507      0.01515      0.01523      0.01531      0.01540      0.01549      0.01560      0.01571
 3758081.30 |       0.01507      0.01515      0.01523      0.01531      0.01539      0.01548      0.01558      0.01568      0.01580
 3758051.30 |       0.01515      0.01524      0.01532      0.01540      0.01548      0.01557      0.01566      0.01576      0.01588
 3758021.30 |       0.01524      0.01532      0.01540      0.01548      0.01556      0.01565      0.01575      0.01585      0.01596
 3757991.30 |       0.01532      0.01541      0.01549      0.01557      0.01565      0.01574      0.01583      0.01594      0.01605
 3757961.30 |       0.01541      0.01549      0.01557      0.01566      0.01574      0.01583      0.01592      0.01603      0.01614
 3757931.30 |       0.01549      0.01558      0.01566      0.01575      0.01583      0.01592      0.01601      0.01611      0.01623
 3757901.30 |       0.01558      0.01566      0.01575      0.01584      0.01592      0.01601      0.01610      0.01620      0.01631
 3757871.30 |       0.01566      0.01575      0.01584      0.01593      0.01601      0.01610      0.01619      0.01629      0.01640
 3757841.30 |       0.01575      0.01584      0.01593      0.01602      0.01610      0.01619      0.01629      0.01639      0.01650
 3757811.30 |       0.01584      0.01593      0.01602      0.01611      0.01620      0.01629      0.01638      0.01648      0.01659
 3757781.30 |       0.01593      0.01602      0.01611      0.01620      0.01629      0.01638      0.01647      0.01657      0.01668
 3757751.30 |       0.01602      0.01611      0.01620      0.01629      0.01638      0.01648      0.01657      0.01667      0.01678
 3757721.30 |       0.01611      0.01620      0.01630      0.01639      0.01648      0.01657      0.01667      0.01677      0.01687
 3757691.30 |       0.01620      0.01630      0.01639      0.01648      0.01658      0.01667      0.01676      0.01686      0.01697
 3757661.30 |       0.01630      0.01639      0.01648      0.01658      0.01667      0.01677      0.01686      0.01696      0.01707
 3757631.30 |       0.01639      0.01649      0.01658      0.01668      0.01677      0.01687      0.01696      0.01706      0.01717
 3757601.30 |       0.01649      0.01658      0.01668      0.01677      0.01687      0.01697      0.01706      0.01716      0.01727
 3757571.30 |       0.01658      0.01668      0.01677      0.01687      0.01697      0.01707      0.01716      0.01726      0.01737
 3757541.30 |       0.01668      0.01678      0.01687      0.01697      0.01707      0.01717      0.01727      0.01737      0.01748
 3757511.30 |       0.01678      0.01688      0.01697      0.01707      0.01717      0.01727      0.01737      0.01747      0.01758
 3757481.30 |       0.01688      0.01698      0.01707      0.01717      0.01727      0.01737      0.01747      0.01758      0.01768
 3757451.30 |       0.01699      0.01708      0.01718      0.01728      0.01738      0.01748      0.01758      0.01768      0.01779
 3757421.30 |       0.01709      0.01718      0.01728      0.01738      0.01748      0.01758      0.01769      0.01779      0.01790
 3757391.30 |       0.01720      0.01729      0.01738      0.01748      0.01759      0.01769      0.01779      0.01790      0.01801
 3757361.30 |       0.01731      0.01739      0.01749      0.01759      0.01769      0.01780      0.01790      0.01801      0.01812
 3757331.30 |       0.01742      0.01750      0.01760      0.01770      0.01780      0.01791      0.01801      0.01812      0.01823
 3757301.30 |       0.01753      0.01761      0.01771      0.01781      0.01791      0.01802      0.01812      0.01823      0.01834
 3757271.30 |       0.01764      0.01772      0.01782      0.01792      0.01802      0.01813      0.01824      0.01835      0.01846
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        17:26:09
                                                                                                                    PAGE  12

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

   Y-COORD  |                                                 X-COORD (METERS)
   (METERS) |     371970.44    372000.44    372030.44    372060.44    372090.44    372120.44    372150.44    372180.44    372210.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3757241.30 |       0.01776      0.01784      0.01793      0.01803      0.01813      0.01824      0.01835      0.01846      0.01857
 3757211.30 |       0.01788      0.01795      0.01804      0.01814      0.01825      0.01835      0.01846      0.01858      0.01869
 3757181.30 |       0.01800      0.01807      0.01816      0.01826      0.01836      0.01847      0.01858      0.01869      0.01881
 3757151.30 |       0.01813      0.01819      0.01828      0.01837      0.01848      0.01859      0.01870      0.01881      0.01893
 3757121.30 |       0.01825      0.01832      0.01840      0.01849      0.01859      0.01870      0.01882      0.01893      0.01905
 3757091.30 |       0.01838      0.01844      0.01852      0.01861      0.01871      0.01882      0.01894      0.01905      0.01917
 3757061.30 |       0.01852      0.01857      0.01864      0.01873      0.01884      0.01894      0.01906      0.01917      0.01929
 3757031.30 |       0.01865      0.01870      0.01877      0.01886      0.01896      0.01907      0.01918      0.01930      0.01942
 3757001.30 |       0.01879      0.01884      0.01890      0.01899      0.01908      0.01919      0.01930      0.01942      0.01954
 3756971.30 |       0.01894      0.01898      0.01904      0.01911      0.01921      0.01932      0.01943      0.01955      0.01967
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        17:26:09
                                                                                                                    PAGE  13

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

   Y-COORD  |                                                 X-COORD (METERS)
   (METERS) |     372240.44    372270.44    372300.44    372330.44    372360.44    372390.44    372420.44    372450.44    372480.44
```

Site #17 – Localized $PM_{2.5}$ Concentrations

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- - - -
```

3757601.30	0.01898	0.01920	0.01941	0.01963	0.01983	0.02002	0.02020	0.02036	0.02051
3757571.30	0.01908	0.01930	0.01952	0.01974	0.01994	0.02014	0.02032	0.02049	0.02064
3757541.30	0.01919	0.01941	0.01963	0.01985	0.02006	0.02026	0.02044	0.02061	0.02077
3757511.30	0.01929	0.01951	0.01974	0.01996	0.02017	0.02038	0.02057	0.02074	0.02090
3757481.30	0.01939	0.01962	0.01985	0.02007	0.02029	0.02050	0.02069	0.02087	0.02103
3757451.30	0.01950	0.01973	0.01996	0.02019	0.02041	0.02062	0.02082	0.02100	0.02116
3757421.30	0.01961	0.01984	0.02007	0.02030	0.02053	0.02074	0.02094	0.02113	0.02130
3757391.30	0.01972	0.01995	0.02018	0.02042	0.02064	0.02086	0.02107	0.02126	0.02143
3757361.30	0.01982	0.02006	0.02030	0.02053	0.02076	0.02099	0.02120	0.02139	0.02157
3757331.30	0.01993	0.02017	0.02041	0.02065	0.02089	0.02111	0.02133	0.02153	0.02171
3757301.30	0.02005	0.02028	0.02053	0.02077	0.02101	0.02124	0.02146	0.02166	0.02185
3757271.30	0.02016	0.02040	0.02064	0.02089	0.02113	0.02137	0.02159	0.02180	0.02199

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372510.44	372540.44	372570.44	372600.44	372630.44	372660.44	372690.44	372720.44	372750.44
3757241.30	0.02027	0.02051	0.02076	0.02101	0.02125	0.02149	0.02172	0.02193	0.02213
3757211.30	0.02039	0.02063	0.02088	0.02113	0.02138	0.02162	0.02185	0.02207	0.02227
3757181.30	0.02050	0.02075	0.02100	0.02125	0.02151	0.02175	0.02199	0.02221	0.02242
3757151.30	0.02062	0.02087	0.02112	0.02138	0.02163	0.02188	0.02212	0.02235	0.02256
3757121.30	0.02074	0.02099	0.02124	0.02150	0.02176	0.02202	0.02226	0.02249	0.02271
3757091.30	0.02086	0.02111	0.02137	0.02163	0.02189	0.02215	0.02240	0.02264	0.02286
3757061.30	0.02098	0.02123	0.02149	0.02176	0.02202	0.02228	0.02254	0.02278	0.02300
3757031.30	0.02111	0.02136	0.02162	0.02188	0.02215	0.02242	0.02268	0.02292	0.02315
3757001.30	0.02123	0.02148	0.02174	0.02201	0.02228	0.02255	0.02282	0.02307	0.02330
3756971.30	0.02136	0.02161	0.02187	0.02214	0.02242	0.02269	0.02296	0.02322	0.02346

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372780.44	372810.44	372840.44	372870.44	372900.44	372930.44	372960.44	372990.44	373020.44
3758441.30	0.01732	0.01736	0.01739	0.01741	0.01744	0.01746	0.01748	0.01751	0.01755
3758411.30	0.01742	0.01746	0.01749	0.01752	0.01755	0.01757	0.01759	0.01762	0.01766
3758381.30	0.01753	0.01757	0.01760	0.01763	0.01766	0.01768	0.01771	0.01773	0.01777
3758351.30	0.01764	0.01768	0.01771	0.01774	0.01777	0.01779	0.01782	0.01785	0.01788
3758321.30	0.01774	0.01779	0.01782	0.01785	0.01788	0.01791	0.01793	0.01796	0.01799
3758291.30	0.01785	0.01790	0.01794	0.01797	0.01799	0.01802	0.01805	0.01808	0.01811
3758261.30	0.01796	0.01801	0.01805	0.01808	0.01811	0.01814	0.01816	0.01819	0.01823
3758231.30	0.01807	0.01812	0.01816	0.01820	0.01823	0.01825	0.01828	0.01831	0.01834
3758201.30	0.01818	0.01824	0.01828	0.01831	0.01834	0.01837	0.01840	0.01843	0.01846
3758171.30	0.01830	0.01835	0.01839	0.01843	0.01846	0.01849	0.01852	0.01855	0.01858
3758141.30	0.01841	0.01847	0.01851	0.01855	0.01858	0.01861	0.01864	0.01867	0.01870
3758111.30	0.01853	0.01858	0.01863	0.01867	0.01870	0.01873	0.01876	0.01879	0.01882
3758081.30	0.01864	0.01870	0.01875	0.01879	0.01882	0.01885	0.01888	0.01891	0.01895
3758051.30	0.01876	0.01882	0.01887	0.01891	0.01895	0.01898	0.01901	0.01904	0.01907
3758021.30	0.01887	0.01894	0.01899	0.01904	0.01907	0.01910	0.01913	0.01916	0.01920
3757991.30	0.01899	0.01906	0.01912	0.01916	0.01920	0.01923	0.01926	0.01929	0.01933
3757961.30	0.01911	0.01918	0.01924	0.01929	0.01932	0.01936	0.01939	0.01942	0.01946
3757931.30	0.01923	0.01931	0.01937	0.01941	0.01945	0.01949	0.01952	0.01955	0.01959
3757901.30	0.01936	0.01943	0.01949	0.01954	0.01958	0.01962	0.01965	0.01968	0.01972
3757871.30	0.01948	0.01956	0.01962	0.01967	0.01971	0.01975	0.01978	0.01982	0.01985
3757841.30	0.01960	0.01968	0.01975	0.01980	0.01985	0.01988	0.01992	0.01995	0.01999
3757811.30	0.01973	0.01981	0.01988	0.01993	0.01998	0.02002	0.02005	0.02009	0.02012
3757781.30	0.01985	0.01994	0.02001	0.02007	0.02011	0.02015	0.02019	0.02022	0.02026
3757751.30	0.01998	0.02007	0.02014	0.02020	0.02025	0.02029	0.02033	0.02036	0.02040
3757721.30	0.02011	0.02020	0.02028	0.02034	0.02039	0.02043	0.02047	0.02050	0.02054
3757691.30	0.02024	0.02033	0.02041	0.02048	0.02053	0.02057	0.02061	0.02065	0.02068
3757661.30	0.02037	0.02046	0.02055	0.02061	0.02067	0.02071	0.02075	0.02079	0.02083
3757631.30	0.02050	0.02060	0.02068	0.02075	0.02081	0.02086	0.02090	0.02094	0.02097
3757601.30	0.02063	0.02074	0.02082	0.02090	0.02095	0.02100	0.02104	0.02108	0.02112
3757571.30	0.02076	0.02087	0.02096	0.02104	0.02110	0.02115	0.02119	0.02123	0.02127
3757541.30	0.02090	0.02101	0.02110	0.02118	0.02124	0.02130	0.02134	0.02138	0.02142
3757511.30	0.02103	0.02115	0.02125	0.02133	0.02139	0.02145	0.02149	0.02153	0.02157
3757481.30	0.02117	0.02129	0.02139	0.02147	0.02154	0.02160	0.02164	0.02169	0.02173
3757451.30	0.02131	0.02143	0.02154	0.02162	0.02169	0.02175	0.02180	0.02184	0.02189
3757421.30	0.02145	0.02158	0.02168	0.02177	0.02184	0.02190	0.02195	0.02200	0.02204
3757391.30	0.02159	0.02172	0.02183	0.02192	0.02200	0.02206	0.02211	0.02216	0.02220
3757361.30	0.02173	0.02187	0.02198	0.02208	0.02215	0.02222	0.02227	0.02232	0.02236
3757331.30	0.02187	0.02201	0.02213	0.02223	0.02231	0.02238	0.02243	0.02248	0.02253
3757301.30	0.02202	0.02216	0.02228	0.02239	0.02247	0.02254	0.02260	0.02265	0.02269
3757271.30	0.02216	0.02231	0.02244	0.02254	0.02263	0.02270	0.02276	0.02281	0.02286

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372780.44	372810.44	372840.44	372870.44	372900.44	372930.44	372960.44	372990.44	373020.44
3757241.30	0.02231	0.02246	0.02259	0.02270	0.02279	0.02287	0.02293	0.02298	0.02303

Site #17 – Localized $PM_{2.5}$ Concentrations

3757211.30	0.02245	0.02261	0.02275	0.02286	0.02296	0.02303	0.02310	0.02315	0.02320
3757181.30	0.02260	0.02277	0.02291	0.02302	0.02312	0.02320	0.02327	0.02332	0.02338
3757151.30	0.02275	0.02292	0.02307	0.02319	0.02329	0.02337	0.02344	0.02350	0.02355
3757121.30	0.02290	0.02308	0.02323	0.02335	0.02346	0.02354	0.02361	0.02367	0.02373
3757091.30	0.02306	0.02323	0.02339	0.02352	0.02363	0.02372	0.02379	0.02385	0.02391
3757061.30	0.02321	0.02339	0.02355	0.02369	0.02380	0.02389	0.02397	0.02403	0.02409
3757031.30	0.02336	0.02355	0.02372	0.02386	0.02397	0.02407	0.02415	0.02422	0.02427
3757001.30	0.02352	0.02371	0.02388	0.02403	0.02415	0.02425	0.02433	0.02440	0.02446
3756971.30	0.02368	0.02388	0.02405	0.02420	0.02433	0.02443	0.02452	0.02459	0.02465

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 373050.44	373080.44	373110.44	373140.44	373170.44	373200.44	373230.44	373260.44	373290.44
3758441.30	0.01759	0.01763	0.01769	0.01775	0.01783	0.01791	0.01799	0.01809	0.01819
3758411.30	0.01770	0.01774	0.01780	0.01786	0.01794	0.01802	0.01811	0.01820	0.01830
3758381.30	0.01781	0.01786	0.01791	0.01798	0.01805	0.01813	0.01822	0.01831	0.01842
3758351.30	0.01792	0.01797	0.01802	0.01809	0.01816	0.01824	0.01833	0.01843	0.01853
3758321.30	0.01803	0.01808	0.01814	0.01820	0.01828	0.01836	0.01845	0.01854	0.01865
3758291.30	0.01815	0.01820	0.01825	0.01832	0.01839	0.01847	0.01856	0.01866	0.01877
3758261.30	0.01827	0.01831	0.01837	0.01843	0.01851	0.01859	0.01868	0.01878	0.01888
3758231.30	0.01838	0.01843	0.01849	0.01855	0.01862	0.01871	0.01880	0.01890	0.01900
3758201.30	0.01850	0.01855	0.01860	0.01867	0.01874	0.01882	0.01891	0.01902	0.01912
3758171.30	0.01862	0.01867	0.01872	0.01879	0.01886	0.01894	0.01904	0.01914	0.01925
3758141.30	0.01874	0.01879	0.01884	0.01891	0.01898	0.01907	0.01916	0.01926	0.01937
3758111.30	0.01886	0.01891	0.01897	0.01903	0.01911	0.01919	0.01928	0.01938	0.01949
3758081.30	0.01899	0.01904	0.01909	0.01916	0.01923	0.01931	0.01941	0.01951	0.01962
3758051.30	0.01911	0.01916	0.01922	0.01928	0.01935	0.01944	0.01953	0.01963	0.01975
3758021.30	0.01924	0.01929	0.01934	0.01941	0.01948	0.01957	0.01966	0.01976	0.01988
3757991.30	0.01937	0.01941	0.01947	0.01954	0.01961	0.01970	0.01979	0.01989	0.02001
3757961.30	0.01950	0.01954	0.01960	0.01967	0.01974	0.01983	0.01992	0.02002	0.02014
3757931.30	0.01963	0.01967	0.01973	0.01980	0.01987	0.01996	0.02005	0.02016	0.02027
3757901.30	0.01976	0.01981	0.01986	0.01993	0.02000	0.02009	0.02018	0.02029	0.02041
3757871.30	0.01989	0.01994	0.02000	0.02006	0.02014	0.02022	0.02032	0.02043	0.02054
3757841.30	0.02003	0.02008	0.02013	0.02020	0.02027	0.02036	0.02046	0.02056	0.02068
3757811.30	0.02016	0.02021	0.02027	0.02033	0.02041	0.02050	0.02059	0.02070	0.02082
3757781.30	0.02030	0.02035	0.02041	0.02047	0.02055	0.02064	0.02073	0.02084	0.02096
3757751.30	0.02044	0.02049	0.02055	0.02061	0.02069	0.02078	0.02087	0.02098	0.02110
3757721.30	0.02058	0.02063	0.02069	0.02075	0.02083	0.02092	0.02102	0.02112	0.02124
3757691.30	0.02073	0.02077	0.02083	0.02090	0.02097	0.02106	0.02116	0.02127	0.02139
3757661.30	0.02087	0.02092	0.02098	0.02104	0.02112	0.02121	0.02131	0.02141	0.02154
3757631.30	0.02102	0.02106	0.02112	0.02119	0.02127	0.02135	0.02145	0.02156	0.02169
3757601.30	0.02116	0.02121	0.02127	0.02134	0.02141	0.02150	0.02160	0.02171	0.02184
3757571.30	0.02131	0.02136	0.02142	0.02149	0.02156	0.02165	0.02175	0.02186	0.02199
3757541.30	0.02147	0.02151	0.02157	0.02164	0.02172	0.02180	0.02191	0.02202	0.02214
3757511.30	0.02162	0.02167	0.02173	0.02179	0.02187	0.02196	0.02206	0.02217	0.02230
3757481.30	0.02177	0.02182	0.02188	0.02195	0.02203	0.02211	0.02222	0.02233	0.02246
3757451.30	0.02193	0.02198	0.02204	0.02210	0.02218	0.02227	0.02237	0.02249	0.02262
3757421.30	0.02209	0.02214	0.02220	0.02226	0.02234	0.02243	0.02253	0.02265	0.02278
3757391.30	0.02225	0.02230	0.02236	0.02242	0.02250	0.02259	0.02270	0.02281	0.02294
3757361.30	0.02241	0.02246	0.02252	0.02259	0.02267	0.02276	0.02286	0.02298	0.02311
3757331.30	0.02258	0.02263	0.02268	0.02275	0.02283	0.02292	0.02303	0.02314	0.02327
3757301.30	0.02274	0.02279	0.02285	0.02292	0.02300	0.02309	0.02319	0.02331	0.02344
3757271.30	0.02291	0.02296	0.02302	0.02309	0.02317	0.02326	0.02336	0.02348	0.02361

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 373050.44	373080.44	373110.44	373140.44	373170.44	373200.44	373230.44	373260.44	373290.44
3757241.30	0.02308	0.02313	0.02319	0.02326	0.02334	0.02343	0.02354	0.02365	0.02379
3757211.30	0.02325	0.02330	0.02336	0.02343	0.02351	0.02360	0.02371	0.02383	0.02396
3757181.30	0.02343	0.02348	0.02354	0.02361	0.02369	0.02378	0.02389	0.02401	0.02414
3757151.30	0.02360	0.02366	0.02372	0.02378	0.02386	0.02396	0.02406	0.02418	0.02432
3757121.30	0.02378	0.02384	0.02389	0.02396	0.02404	0.02414	0.02424	0.02437	0.02450
3757091.30	0.02396	0.02402	0.02408	0.02415	0.02423	0.02432	0.02443	0.02455	0.02469
3757061.30	0.02414	0.02420	0.02426	0.02433	0.02441	0.02450	0.02461	0.02473	0.02487
3757031.30	0.02433	0.02439	0.02445	0.02452	0.02460	0.02469	0.02480	0.02492	0.02506
3757001.30	0.02452	0.02457	0.02463	0.02471	0.02479	0.02488	0.02499	0.02511	0.02525
3756971.30	0.02471	0.02476	0.02483	0.02490	0.02498	0.02507	0.02518	0.02531	0.02545

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 373320.44	373350.44	373380.44	373410.44	373440.44
3758441.30	0.01830	0.01842	0.01854	0.01868	0.01882
3758411.30	0.01842	0.01853	0.01866	0.01879	0.01894
3758381.30	0.01853	0.01865	0.01878	0.01891	0.01906
3758351.30	0.01864	0.01876	0.01889	0.01903	0.01918

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 3758321.30 |       0.01876      0.01888      0.01901      0.01915      0.01930
 3758291.30 |       0.01888      0.01900      0.01913      0.01927      0.01942
 3758261.30 |       0.01900      0.01912      0.01925      0.01939      0.01955
 3758231.30 |       0.01912      0.01924      0.01938      0.01952      0.01967
 3758201.30 |       0.01924      0.01936      0.01950      0.01964      0.01980
 3758171.30 |       0.01936      0.01949      0.01962      0.01977      0.01993
 3758141.30 |       0.01949      0.01961      0.01975      0.01990      0.02006
 3758111.30 |       0.01961      0.01974      0.01988      0.02003      0.02019
 3758081.30 |       0.01974      0.01987      0.02001      0.02016      0.02032
 3758051.30 |       0.01987      0.02000      0.02014      0.02029      0.02045
 3758021.30 |       0.02000      0.02013      0.02027      0.02042      0.02059
 3757991.30 |       0.02013      0.02026      0.02040      0.02056      0.02073
 3757961.30 |       0.02026      0.02039      0.02054      0.02070      0.02086
 3757931.30 |       0.02040      0.02053      0.02068      0.02083      0.02100
 3757901.30 |       0.02053      0.02067      0.02081      0.02097      0.02114
 3757871.30 |       0.02067      0.02080      0.02095      0.02111      0.02129
 3757841.30 |       0.02081      0.02094      0.02109      0.02126      0.02143
 3757811.30 |       0.02095      0.02109      0.02124      0.02140      0.02158
 3757781.30 |       0.02109      0.02123      0.02138      0.02154      0.02172
 3757751.30 |       0.02123      0.02137      0.02153      0.02169      0.02187
 3757721.30 |       0.02138      0.02152      0.02167      0.02184      0.02202
 3757691.30 |       0.02152      0.02167      0.02182      0.02199      0.02217
 3757661.30 |       0.02167      0.02182      0.02197      0.02214      0.02233
 3757631.30 |       0.02182      0.02197      0.02213      0.02230      0.02248
 3757601.30 |       0.02197      0.02212      0.02228      0.02245      0.02264
 3757571.30 |       0.02213      0.02227      0.02244      0.02261      0.02280
 3757541.30 |       0.02228      0.02243      0.02259      0.02277      0.02296
 3757511.30 |       0.02244      0.02259      0.02275      0.02293      0.02313
 3757481.30 |       0.02260      0.02275      0.02291      0.02309      0.02329
 3757451.30 |       0.02276      0.02291      0.02308      0.02326      0.02346
 3757421.30 |       0.02292      0.02307      0.02324      0.02343      0.02363
 3757391.30 |       0.02308      0.02324      0.02341      0.02359      0.02380
 3757361.30 |       0.02325      0.02341      0.02358      0.02377      0.02397
 3757331.30 |       0.02342      0.02358      0.02375      0.02394      0.02414
 3757301.30 |       0.02359      0.02375      0.02392      0.02411      0.02432
 3757271.30 |       0.02376      0.02392      0.02410      0.02429      0.02450
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                    ***        10/26/10
                                   ***                                                                    ***        17:26:09
                                                                                                                     PAGE  22

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM2.5    IN MICROGRAMS/M**3                          **

   Y-COORD  |                                              X-COORD (METERS)
   (METERS) |     373320.44    373350.44    373380.44    373410.44    373440.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3757241.30 |       0.02393      0.02410      0.02428      0.02447      0.02468
 3757211.30 |       0.02411      0.02428      0.02446      0.02465      0.02487
 3757181.30 |       0.02429      0.02446      0.02464      0.02484      0.02505
 3757151.30 |       0.02447      0.02464      0.02482      0.02502      0.02524
 3757121.30 |       0.02465      0.02482      0.02501      0.02521      0.02543
 3757091.30 |       0.02484      0.02501      0.02520      0.02540      0.02562
 3757061.30 |       0.02503      0.02520      0.02539      0.02559      0.02582
 3757031.30 |       0.02522      0.02539      0.02558      0.02579      0.02602
 3757001.30 |       0.02541      0.02559      0.02578      0.02599      0.02622
 3756971.30 |       0.02560      0.02578      0.02597      0.02619      0.02642
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                    ***        10/26/10
                                   ***                                                                    ***        17:26:09
                                                                                                                     PAGE  23

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                 *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM2.5    IN MICROGRAMS/M**3                          **

   Y-COORD  |                                              X-COORD (METERS)
   (METERS) |     372437.24    372558.96    372680.68    372802.40    372924.12    373045.84    373167.56    373289.28    373411.00
- - - - - - - - - - - - - - - - - - - -
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Site #17 – Localized $PM_{2.5}$ Concentrations

Y-COORD (METERS)	X-COORD (METERS) 373532.72	373654.44	373776.16	373897.88	374019.60	374141.32	374263.04	374384.76	374506.48
3751945.76	0.42158	0.46630	0.48747	0.50916	0.51821	0.49168	0.47292	0.46508	0.45753
3751834.13	0.49792	0.55493	0.58367	0.61088	0.60531	0.57220	0.55787	0.54805	0.55010
3751722.50	0.59892	0.67422	0.71516	0.74300	0.71706	0.68479	0.67137	0.66987	0.68290
3751610.87	0.73708	0.84138	0.90036	0.91733	0.87288	0.84511	0.83938	0.85478	0.87461
3751499.24	0.93486	1.08855	1.16950	1.16145	1.10605	1.09139	1.10881	1.13383	1.13235
3751387.61	1.23669	1.48045	1.57892	1.53611	1.49147	1.51082	1.53891	1.50992	1.40413
3751275.98	1.74247	2.16041	2.26666	2.19829	2.21064	2.22747	2.11511	1.86962	1.56641
3751164.35	2.71742	3.50579	3.64508	3.62188	3.54820	3.15653	2.56481	1.98495	1.51849
3751052.72	5.08474	7.04472	7.34054	6.60850	5.10781	3.61857	2.51874	1.79237	1.32639
3750941.09	16.04040	25.14665	16.86208	9.17796	5.19647	3.14572	2.07343	1.47179	1.10381
3750829.46	198.30915	187.20675	18.93243	7.28335	3.73547	2.30385	1.58584	1.17076	0.90670
3750717.83	190.57969	163.17150	8.07212	3.69785	2.26111	1.56453	1.16111	0.90317	0.72666
3750606.20	12.19041	5.40754	2.89286	1.87373	1.35735	1.02999	0.81955	0.67208	0.56259
3750494.57	3.65326	2.43985	1.71540	1.15092	0.91512	0.73896	0.60308	0.50681	0.43734
3750382.94	1.82605	1.41716	1.18601	0.84407	0.64131	0.56385	0.48249	0.40747	0.35025
3750271.31	1.13946	0.93583	0.85098	0.70417	0.49816	0.41750	0.38789	0.34715	0.30178
3750159.68	0.79767	0.67749	0.62223	0.57986	0.44656	0.33265	0.29776	0.28530	0.26350
3750048.05	0.59732	0.51815	0.47253	0.46228	0.40777	0.30417	0.24088	0.22544	0.22005
3749936.42	0.46775	0.41094	0.37622	0.36678	0.35750	0.29053	0.22102	0.18441	0.17798
3749824.79	0.37850	0.33510	0.31052	0.29589	0.30205	0.27197	0.21506	0.16868	0.14705
3749713.16	0.31414	0.27950	0.26197	0.24633	0.25055	0.24688	0.20776	0.16546	0.13365

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 374628.20	374749.92	374871.64
3751945.76	0.46195	0.46996	0.47903
3751834.13	0.56053	0.57226	0.58300
3751722.50	0.69816	0.70864	0.70246
3751610.87	0.88237	0.86333	0.81738
3751499.24	1.08625	1.00166	0.89528
3751387.61	1.24543	1.06823	0.89870
3751275.98	1.27484	1.02960	0.83785
3751164.35	1.17511	0.93022	0.75411
3751052.72	1.02060	0.81075	0.66073
3750941.09	0.86266	0.69606	0.57593
3750829.46	0.72693	0.59826	0.50258
3750717.83	0.59988	0.50540	0.43283
3750606.20	0.47919	0.41406	0.36201
3750494.57	0.38275	0.33784	0.30050
3750382.94	0.30892	0.27739	0.25120
3750271.31	0.26239	0.23248	0.21096
3750159.68	0.23615	0.20869	0.18502
3750048.05	0.20725	0.19060	0.17219
3749936.42	0.17588	0.16767	0.15695
3749824.79	0.14488	0.14447	0.13888
3749713.16	0.12091	0.12071	0.12124

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372647.17	3750290.48	1.92539	373224.49	3750294.52	2.74330
373809.89	3750290.48	0.86494	374411.43	3750290.48	0.34586
373842.19	3751158.48	3.73174	373822.00	3751416.86	1.45319
374060.20	3751340.15	1.74871			

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 371970.44	372000.44	372030.44	372060.44	372090.44
3758441.3	0.32560 (06091124)	0.32964 (06091124)	0.33122 (06091124)	0.33032 (06091124)	0.32703 (06091124)
3758411.3	0.32628 (06091124)	0.33085 (06091124)	0.33293 (06091124)	0.33254 (06091124)	0.32970 (06091124)
3758381.3	0.32691 (06091124)	0.33199 (06091124)	0.33459 (06091124)	0.33470 (06091124)	0.33231 (06091124)
3758351.3	0.32740 (06091124)	0.33303 (06091124)	0.33618 (06091124)	0.33682 (06091124)	0.33487 (06091124)
3758321.3	0.32774 (06091124)	0.33394 (06091124)	0.33767 (06091124)	0.33885 (06091124)	0.33739 (06091124)
3758291.3	0.32797 (06091124)	0.33471 (06091124)	0.33901 (06091124)	0.34075 (06091124)	0.33982 (06091124)
3758261.3	0.32812 (06091124)	0.33543 (06091124)	0.34027 (06091124)	0.34253 (06091124)	0.34214 (06091124)
3758231.3	0.32816 (06091124)	0.33605 (06091124)	0.34147 (06091124)	0.34426 (06091124)	0.34440 (06091124)
3758201.3	0.32804 (06091124)	0.33653 (06091124)	0.34254 (06091124)	0.34592 (06091124)	0.34662 (06091124)
3758171.3	0.32780 (06091124)	0.33686 (06091124)	0.34346 (06091124)	0.34745 (06091124)	0.34874 (06091124)
3758141.3	0.32748 (06091124)	0.33710 (06091124)	0.34427 (06091124)	0.34885 (06091124)	0.35073 (06091124)
3758111.3	0.32704 (06091124)	0.33724 (06091124)	0.34500 (06091124)	0.35016 (06091124)	0.35260 (06091124)
3758081.3	0.32643 (06091124)	0.33724 (06091124)	0.34563 (06091124)	0.35139 (06091124)	0.35441 (06091124)
3758051.3	0.32568 (06091124)	0.33707 (06091124)	0.34609 (06091124)	0.35249 (06091124)	0.35613 (06091124)
3758021.3	0.32486 (06091124)	0.33680 (06091124)	0.34642 (06091124)	0.35344 (06091124)	0.35772 (06091124)

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3757991.3 |      0.32393 (06091124)      0.33645 (06091124)      0.34665 (06091124)      0.35428 (06091124)      0.35918 (06091124)
3757961.3 |      0.32284 (06091124)      0.33593 (06091124)      0.34678 (06091124)      0.35504 (06091124)      0.36054 (06091124)
3757931.3 |      0.32162 (06091124)      0.33524 (06091124)      0.34673 (06091124)      0.35566 (06091124)      0.36180 (06091124)
3757901.3 |      0.32032 (06091124)      0.33445 (06091124)      0.34653 (06091124)      0.35611 (06091124)      0.36293 (06091124)
3757871.3 |      0.31892 (06091124)      0.33357 (06091124)      0.34623 (06091124)      0.35644 (06091124)      0.36392 (06091124)
3757841.3 |      0.31735 (06091124)      0.33255 (06091124)      0.34581 (06091124)      0.35667 (06091124)      0.36480 (06091124)
3757811.3 |      0.31563 (06091124)      0.33136 (06091124)      0.34522 (06091124)      0.35675 (06091124)      0.36556 (06091124)
3757781.3 |      0.31383 (06091124)      0.33006 (06091124)      0.34447 (06091124)      0.35666 (06091124)      0.36617 (06091124)
3757751.3 |      0.31192 (06091124)      0.32867 (06091124)      0.34362 (06091124)      0.35644 (06091124)      0.36662 (06091124)
3757721.3 |      0.30984 (06091124)      0.32714 (06091124)      0.34266 (06091124)      0.35610 (06091124)      0.36695 (06091124)
3757691.3 |      0.30763 (06091124)      0.32544 (06091124)      0.34153 (06091124)      0.35561 (06091124)      0.36715 (06091124)
3757661.3 |      0.30536 (06091124)      0.32361 (06091124)      0.34026 (06091124)      0.35494 (06091124)      0.36719 (06091124)
3757631.3 |      0.30299 (06091124)      0.32169 (06091124)      0.33887 (06091124)      0.35414 (06091124)      0.36707 (06091124)
3757601.3 |      0.30047 (06091124)      0.31963 (06091124)      0.33737 (06091124)      0.35322 (06091124)      0.36682 (06091124)
3757571.3 |      0.29784 (06091124)      0.31739 (06091124)      0.33570 (06091124)      0.35216 (06091124)      0.36643 (06091124)
3757541.3 |      0.29514 (06091124)      0.31506 (06091124)      0.33387 (06091124)      0.35092 (06091124)      0.36587 (06091124)
3757511.3 |      0.29234 (06091124)      0.31265 (06091124)      0.33193 (06091124)      0.34955 (06091124)      0.36514 (06091124)
3757481.3 |      0.29332 (06102324)      0.31010 (06091124)      0.32985 (06091124)      0.34807 (06091124)      0.36426 (06091124)
3757451.3 |      0.29659 (06102324)      0.30743 (06091124)      0.32762 (06091124)      0.34643 (06091124)      0.36325 (06091124)
3757421.3 |      0.29980 (06102324)      0.30465 (06091124)      0.32525 (06091124)      0.34461 (06091124)      0.36208 (06091124)
3757391.3 |      0.30299 (06102324)      0.30178 (06091124)      0.32278 (06091124)      0.34265 (06091124)      0.36075 (06091124)
3757361.3 |      0.30614 (06102324)      0.30103 (06102324)      0.32020 (06091124)      0.34057 (06091124)      0.35928 (06091124)
3757331.3 |      0.30920 (06102324)      0.30444 (06102324)      0.31748 (06091124)      0.33833 (06091124)      0.35765 (06091124)
3757301.3 |      0.31215 (06102324)      0.30779 (06102324)      0.31464 (06091124)      0.33594 (06091124)      0.35586 (06091124)
3757271.3 |      0.31503 (06102324)      0.31109 (06102324)      0.31169 (06091124)      0.33343 (06091124)      0.35391 (06091124)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                          ***       10/26/10
                                  ***                                                                          ***       17:26:09
                                                                                                                         PAGE  28
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       371970.44              372000.44              372030.44              372060.44              372090.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.31785 (06102324)      0.31437 (06102324)      0.30909 (06102324)      0.33078 (06091124)      0.35181 (06091124)
3757211.3 |      0.32058 (06102324)      0.31757 (06102324)      0.31265 (06102324)      0.32803 (06091124)      0.34957 (06091124)
3757181.3 |      0.32318 (06102324)      0.32064 (06102324)      0.31614 (06102324)      0.32514 (06091124)      0.34716 (06091124)
3757151.3 |      0.32566 (06102324)      0.32363 (06102324)      0.31959 (06102324)      0.32212 (06091124)      0.34461 (06091124)
3757121.3 |      0.32804 (06102324)      0.32657 (06102324)      0.32298 (06102324)      0.31898 (06091124)      0.34192 (06091124)
3757091.3 |      0.33032 (06102324)      0.32939 (06102324)      0.32631 (06102324)      0.32122 (06102324)      0.33912 (06091124)
3757061.3 |      0.33245 (06102324)      0.33209 (06102324)      0.32952 (06102324)      0.32488 (06102324)      0.33616 (06091124)
3757031.3 |      0.33445 (06102324)      0.33467 (06102324)      0.33264 (06102324)      0.32847 (06102324)      0.33310 (06091124)
3757001.3 |      0.33632 (06102324)      0.33715 (06102324)      0.33568 (06102324)      0.33201 (06102324)      0.32987 (06091124)
3756971.3 |      0.33803 (06102324)      0.33951 (06102324)      0.33862 (06102324)      0.33546 (06102324)      0.33019 (06102324)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                          ***       10/26/10
                                  ***                                                                          ***       17:26:09
                                                                                                                         PAGE  29
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372120.44              372150.44              372180.44              372210.44              372240.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.32138 (06091124)      0.31358 (06091124)      0.30390 (06091124)      0.29261 (06091124)      0.28004 (06091124)
3758411.3 |      0.32446 (06091124)      0.31705 (06091124)      0.30763 (06091124)      0.29652 (06091124)      0.28408 (06091124)
3758381.3 |      0.32748 (06091124)      0.32045 (06091124)      0.31130 (06091124)      0.30043 (06091124)      0.28815 (06091124)
3758351.3 |      0.33048 (06091124)      0.32382 (06091124)      0.31495 (06091124)      0.30431 (06091124)      0.29220 (06091124)
3758321.3 |      0.33346 (06091124)      0.32716 (06091124)      0.31860 (06091124)      0.30818 (06091124)      0.29622 (06091124)
3758291.3 |      0.33638 (06091124)      0.33048 (06091124)      0.32226 (06091124)      0.31209 (06091124)      0.30026 (06091124)
3758261.3 |      0.33920 (06091124)      0.33372 (06091124)      0.32591 (06091124)      0.31601 (06091124)      0.30435 (06091124)
3758231.3 |      0.34193 (06091124)      0.33688 (06091124)      0.32948 (06091124)      0.31989 (06091124)      0.30846 (06091124)
3758201.3 |      0.34462 (06091124)      0.34002 (06091124)      0.33300 (06091124)      0.32372 (06091124)      0.31253 (06091124)
3758171.3 |      0.34725 (06091124)      0.34313 (06091124)      0.33651 (06091124)      0.32753 (06091124)      0.31657 (06091124)
3758141.3 |      0.34979 (06091124)      0.34619 (06091124)      0.33999 (06091124)      0.33136 (06091124)      0.32065 (06091124)
3758111.3 |      0.35222 (06091124)      0.34915 (06091124)      0.34342 (06091124)      0.33519 (06091124)      0.32476 (06091124)
3758081.3 |      0.35459 (06091124)      0.35202 (06091124)      0.34675 (06091124)      0.33895 (06091124)      0.32886 (06091124)
3758051.3 |      0.35690 (06091124)      0.35484 (06091124)      0.35003 (06091124)      0.34264 (06091124)      0.33290 (06091124)
3758021.3 |      0.35911 (06091124)      0.35760 (06091124)      0.35329 (06091124)      0.34631 (06091124)      0.33690 (06091124)
3757991.3 |      0.36120 (06091124)      0.36026 (06091124)      0.35650 (06091124)      0.34997 (06091124)      0.34091 (06091124)
3757961.3 |      0.36318 (06091124)      0.36281 (06091124)      0.35961 (06091124)      0.35358 (06091124)      0.34492 (06091124)
3757931.3 |      0.36508 (06091124)      0.36529 (06091124)      0.36262 (06091124)      0.35710 (06091124)      0.34889 (06091124)
3757901.3 |      0.36686 (06091124)      0.36770 (06091124)      0.36557 (06091124)      0.36056 (06091124)      0.35276 (06091124)
3757871.3 |      0.36851 (06091124)      0.37001 (06091124)      0.36847 (06091124)      0.36397 (06091124)      0.35661 (06091124)
3757841.3 |      0.37003 (06091124)      0.37220 (06091124)      0.37126 (06091124)      0.36734 (06091124)      0.36044 (06091124)
3757811.3 |      0.37145 (06091124)      0.37428 (06091124)      0.37395 (06091124)      0.37061 (06091124)      0.36424 (06091124)
3757781.3 |      0.37275 (06091124)      0.37627 (06091124)      0.37655 (06091124)      0.37377 (06091124)      0.36797 (06091124)
3757751.3 |      0.37391 (06091124)      0.37813 (06091124)      0.37907 (06091124)      0.37686 (06091124)      0.37161 (06091124)
3757721.3 |      0.37493 (06091124)      0.37985 (06091124)      0.38149 (06091124)      0.37990 (06091124)      0.37520 (06091124)
3757691.3 |      0.37584 (06091124)      0.38144 (06091124)      0.38379 (06091124)      0.38284 (06091124)      0.37874 (06091124)
3757661.3 |      0.37661 (06091124)      0.38291 (06091124)      0.38597 (06091124)      0.38568 (06091124)      0.38217 (06091124)
3757631.3 |      0.37722 (06091124)      0.38425 (06091124)      0.38804 (06091124)      0.38841 (06091124)      0.38551 (06091124)
3757601.3 |      0.37766 (06091124)      0.38545 (06091124)      0.38998 (06091124)      0.39104 (06091124)      0.38876 (06091124)
3757571.3 |      0.37799 (06091124)      0.38651 (06091124)      0.39178 (06091124)      0.39358 (06091124)      0.39194 (06091124)
3757541.3 |      0.37815 (06091124)      0.38744 (06091124)      0.39345 (06091124)      0.39599 (06091124)      0.39503 (06091124)
3757511.3 |      0.37815 (06091124)      0.38822 (06091124)      0.39498 (06091124)      0.39828 (06091124)      0.39803 (06091124)
3757481.3 |      0.37800 (06091124)      0.38883 (06091124)      0.39636 (06091124)      0.40043 (06091124)      0.40091 (06091124)
3757451.3 |      0.37771 (06091124)      0.38928 (06091124)      0.39761 (06091124)      0.40245 (06091124)      0.40368 (06091124)
3757421.3 |      0.37726 (06091124)      0.38957 (06091124)      0.39870 (06091124)      0.40434 (06091124)      0.40633 (06091124)
3757391.3 |      0.37662 (06091124)      0.38971 (06091124)      0.39965 (06091124)      0.40609 (06091124)      0.40887 (06091124)
3757361.3 |      0.37582 (06091124)      0.38967 (06091124)      0.40043 (06091124)      0.40768 (06091124)      0.41125 (06091124)
3757331.3 |      0.37487 (06091124)      0.38948 (06091124)      0.40105 (06091124)      0.40912 (06091124)      0.41350 (06091124)
3757301.3 |      0.37376 (06091124)      0.38914 (06091124)      0.40150 (06091124)      0.41041 (06091124)      0.41561 (06091124)
3757271.3 |      0.37247 (06091124)      0.38862 (06091124)      0.40176 (06091124)      0.41154 (06091124)      0.41759 (06091124)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                          ***       10/26/10
                                  ***                                                                          ***       17:26:09
                                                                                                                         PAGE  30
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372120.44	372150.44	372180.44	372210.44	372240.44
3757241.3	0.37104 (06091124)	0.38791 (06091124)	0.40186 (06091124)	0.41250 (06091124)	0.41942 (06091124)
3757211.3	0.36942 (06091124)	0.38704 (06091124)	0.40179 (06091124)	0.41329 (06091124)	0.42108 (06091124)
3757181.3	0.36767 (06091124)	0.38598 (06091124)	0.40156 (06091124)	0.41392 (06091124)	0.42257 (06091124)
3757151.3	0.36572 (06091124)	0.38476 (06091124)	0.40114 (06091124)	0.41436 (06091124)	0.42392 (06091124)
3757121.3	0.36363 (06091124)	0.38336 (06091124)	0.40055 (06091124)	0.41460 (06091124)	0.42507 (06091124)
3757091.3	0.36136 (06091124)	0.38180 (06091124)	0.39977 (06091124)	0.41466 (06091124)	0.42606 (06091124)
3757061.3	0.35894 (06091124)	0.38004 (06091124)	0.39880 (06091124)	0.41456 (06091124)	0.42686 (06091124)
3757031.3	0.35635 (06091124)	0.37813 (06091124)	0.39764 (06091124)	0.41426 (06091124)	0.42749 (06091124)
3757001.3	0.35364 (06091124)	0.37604 (06091124)	0.39630 (06091124)	0.41378 (06091124)	0.42790 (06091124)
3756971.3	0.35077 (06091124)	0.37378 (06091124)	0.39478 (06091124)	0.41308 (06091124)	0.42814 (06091124)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372270.44	372300.44	372330.44	372360.44	372390.44
3758441.3	0.26657 (06091124)	0.25232 (06091124)	0.25553 (05052124)	0.26021 (05052124)	0.25846 (05052124)
3758411.3	0.27061 (06091124)	0.25633 (06091124)	0.25550 (05052124)	0.26121 (05052124)	0.26050 (05052124)
3758381.3	0.27470 (06091124)	0.26044 (06091124)	0.25529 (05052124)	0.26208 (05052124)	0.26239 (05052124)
3758351.3	0.27880 (06091124)	0.26460 (06091124)	0.25493 (05052124)	0.26277 (05052124)	0.26413 (05052124)
3758321.3	0.28291 (06091124)	0.26878 (06091124)	0.25439 (05052124)	0.26329 (05052124)	0.26573 (05052124)
3758291.3	0.28706 (06091124)	0.27296 (06091124)	0.25808 (06091124)	0.26364 (05052124)	0.26718 (05052124)
3758261.3	0.29126 (06091124)	0.27717 (06091124)	0.26224 (06091124)	0.26382 (05052124)	0.26846 (05052124)
3758231.3	0.29552 (06091124)	0.28146 (06091124)	0.26649 (06091124)	0.26383 (05052124)	0.26958 (05052124)
3758201.3	0.29979 (06091124)	0.28578 (06091124)	0.27084 (06091124)	0.26366 (05052124)	0.27052 (05052124)
3758171.3	0.30402 (06091124)	0.29008 (06091124)	0.27521 (06091124)	0.26331 (05052124)	0.27131 (05052124)
3758141.3	0.30825 (06091124)	0.29440 (06091124)	0.27958 (06091124)	0.26408 (06091124)	0.27192 (05052124)
3758111.3	0.31253 (06091124)	0.29876 (06091124)	0.28398 (06091124)	0.26841 (06091124)	0.27233 (05052124)
3758081.3	0.31684 (06091124)	0.30321 (06091124)	0.28846 (06091124)	0.27281 (06091124)	0.27257 (05052124)
3758051.3	0.32113 (06091124)	0.30769 (06091124)	0.29300 (06091124)	0.27732 (06091124)	0.27263 (05052124)
3758021.3	0.32537 (06091124)	0.31215 (06091124)	0.29755 (06091124)	0.28190 (06091124)	0.27250 (05052124)
3757991.3	0.32962 (06091124)	0.31659 (06091124)	0.30207 (06091124)	0.28649 (06091124)	0.27218 (05052124)
3757961.3	0.33392 (06091124)	0.32107 (06091124)	0.30662 (06091124)	0.29108 (06091124)	0.27482 (06091124)
3757931.3	0.33823 (06091124)	0.32559 (06091124)	0.31125 (06091124)	0.29574 (06091124)	0.27941 (06091124)
3757901.3	0.34250 (06091124)	0.33011 (06091124)	0.31594 (06091124)	0.30049 (06091124)	0.28409 (06091124)
3757871.3	0.34671 (06091124)	0.33459 (06091124)	0.32064 (06091124)	0.30528 (06091124)	0.28887 (06091124)
3757841.3	0.35092 (06091124)	0.33904 (06091124)	0.32530 (06091124)	0.31006 (06091124)	0.29369 (06091124)
3757811.3	0.35514 (06091124)	0.34353 (06091124)	0.32999 (06091124)	0.31484 (06091124)	0.29850 (06091124)
3757781.3	0.35931 (06091124)	0.34805 (06091124)	0.33473 (06091124)	0.31967 (06091124)	0.30335 (06091124)
3757751.3	0.36340 (06091124)	0.35255 (06091124)	0.33950 (06091124)	0.32458 (06091124)	0.30830 (06091124)
3757721.3	0.36744 (06091124)	0.35700 (06091124)	0.34424 (06091124)	0.32950 (06091124)	0.31332 (06091124)
3757691.3	0.37146 (06091124)	0.36143 (06091124)	0.34894 (06091124)	0.33442 (06091124)	0.31836 (06091124)
3757661.3	0.37545 (06091124)	0.36587 (06091124)	0.35364 (06091124)	0.33934 (06091124)	0.32341 (06091124)
3757631.3	0.37938 (06091124)	0.37026 (06091124)	0.35837 (06091124)	0.34431 (06091124)	0.32848 (06091124)
3757601.3	0.38323 (06091124)	0.37459 (06091124)	0.36310 (06091124)	0.34931 (06091124)	0.33362 (06091124)
3757571.3	0.38702 (06091124)	0.37884 (06091124)	0.36780 (06091124)	0.35432 (06091124)	0.33880 (06091124)
3757541.3	0.39074 (06091124)	0.38306 (06091124)	0.37247 (06091124)	0.35930 (06091124)	0.34397 (06091124)
3757511.3	0.39436 (06091124)	0.38726 (06091124)	0.37713 (06091124)	0.36426 (06091124)	0.34915 (06091124)
3757481.3	0.39789 (06091124)	0.39140 (06091124)	0.38177 (06091124)	0.36923 (06091124)	0.35437 (06091124)
3757451.3	0.40131 (06091124)	0.39546 (06091124)	0.38635 (06091124)	0.37420 (06091124)	0.35961 (06091124)
3757421.3	0.40465 (06091124)	0.39946 (06091124)	0.39085 (06091124)	0.37916 (06091124)	0.36488 (06091124)
3757391.3	0.40789 (06091124)	0.40338 (06091124)	0.39530 (06091124)	0.38408 (06091124)	0.37015 (06091124)
3757361.3	0.41104 (06091124)	0.40721 (06091124)	0.39971 (06091124)	0.38899 (06091124)	0.37540 (06091124)
3757331.3	0.41408 (06091124)	0.41094 (06091124)	0.40407 (06091124)	0.39387 (06091124)	0.38065 (06091124)
3757301.3	0.41700 (06091124)	0.41456 (06091124)	0.40837 (06091124)	0.39871 (06091124)	0.38588 (06091124)
3757271.3	0.41980 (06091124)	0.41807 (06091124)	0.41258 (06091124)	0.40349 (06091124)	0.39111 (06091124)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372270.44	372300.44	372330.44	372360.44	372390.44
3757241.3	0.42246 (06091124)	0.42148 (06091124)	0.41671 (06091124)	0.40821 (06091124)	0.39632 (06091124)
3757211.3	0.42496 (06091124)	0.42480 (06091124)	0.42076 (06091124)	0.41286 (06091124)	0.40151 (06091124)
3757181.3	0.42731 (06091124)	0.42800 (06091124)	0.42472 (06091124)	0.41746 (06091124)	0.40664 (06091124)
3757151.3	0.42951 (06091124)	0.43107 (06091124)	0.42855 (06091124)	0.42199 (06091124)	0.41175 (06091124)
3757121.3	0.43158 (06091124)	0.43402 (06091124)	0.43225 (06091124)	0.42644 (06091124)	0.41681 (06091124)
3757091.3	0.43349 (06091124)	0.43682 (06091124)	0.43585 (06091124)	0.43080 (06091124)	0.42182 (06091124)
3757061.3	0.43522 (06091124)	0.43945 (06091124)	0.43934 (06091124)	0.43508 (06091124)	0.42675 (06091124)
3757031.3	0.43678 (06091124)	0.44191 (06091124)	0.44272 (06091124)	0.43927 (06091124)	0.43161 (06091124)
3757001.3	0.43817 (06091124)	0.44422 (06091124)	0.44596 (06091124)	0.44334 (06091124)	0.43640 (06091124)
3756971.3	0.43936 (06091124)	0.44639 (06091124)	0.44905 (06091124)	0.44726 (06091124)	0.44111 (06091124)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

Site #17 – Localized $PM_{2.5}$ Concentrations

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372420.44	372450.44	372480.44	372510.44	372540.44
3758441.3	0.25774 (06090524)	0.26034 (06090524)	0.26174 (06090524)	0.26196 (06090524)	0.26087 (06090524)
3758411.3	0.25883 (06090524)	0.26159 (06090524)	0.26319 (06090524)	0.26356 (06090524)	0.26265 (06090524)
3758381.3	0.25991 (06090524)	0.26285 (06090524)	0.26464 (06090524)	0.26515 (06090524)	0.26442 (06090524)
3758351.3	0.26095 (06090524)	0.26410 (06090524)	0.26610 (06090524)	0.26676 (06090524)	0.26618 (06090524)
3758321.3	0.26194 (06090524)	0.26531 (06090524)	0.26753 (06090524)	0.26837 (06090524)	0.26796 (06090524)
3758291.3	0.26394 (05052124)	0.26650 (06090524)	0.26892 (06090524)	0.26997 (06090524)	0.26975 (06090524)
3758261.3	0.26626 (05052124)	0.26767 (06090524)	0.27029 (06090524)	0.27155 (06090524)	0.27151 (06090524)
3758231.3	0.26845 (05052124)	0.26884 (06090524)	0.27164 (06090524)	0.27312 (06090524)	0.27325 (06090524)
3758201.3	0.27051 (05052124)	0.27002 (06090524)	0.27300 (06090524)	0.27468 (06090524)	0.27498 (06090524)
3758171.3	0.27241 (05052124)	0.27114 (06090524)	0.27435 (06090524)	0.27624 (06090524)	0.27671 (06090524)
3758141.3	0.27415 (05052124)	0.27224 (06090524)	0.27567 (06090524)	0.27780 (06090524)	0.27845 (06090524)
3758111.3	0.27573 (05052124)	0.27330 (06090524)	0.27696 (06090524)	0.27932 (06090524)	0.28019 (06090524)
3758081.3	0.27714 (05052124)	0.27446 (05052124)	0.27823 (06090524)	0.28080 (06090524)	0.28190 (06090524)
3758051.3	0.27839 (05052124)	0.27682 (05052124)	0.27949 (06090524)	0.28228 (06090524)	0.28360 (06090524)
3758021.3	0.27944 (05052124)	0.27904 (05052124)	0.28075 (06090524)	0.28375 (06090524)	0.28531 (06090524)
3757991.3	0.28032 (05052124)	0.28112 (05052124)	0.28197 (06090524)	0.28522 (06090524)	0.28700 (06090524)
3757961.3	0.28102 (05052124)	0.28303 (05052124)	0.28315 (06090524)	0.28667 (06090524)	0.28868 (06090524)
3757931.3	0.28152 (05052124)	0.28474 (05052124)	0.28432 (06090524)	0.28806 (06090524)	0.29034 (06090524)
3757901.3	0.28182 (05052124)	0.28630 (05052124)	0.28545 (06090524)	0.28946 (06090524)	0.29195 (06090524)
3757871.3	0.28193 (05052124)	0.28768 (05052124)	0.28656 (06090524)	0.29082 (06090524)	0.29356 (06090524)
3757841.3	0.28185 (05052124)	0.28886 (05052124)	0.28803 (05052124)	0.29216 (06090524)	0.29516 (06090524)
3757811.3	0.28156 (05052124)	0.28984 (05052124)	0.29029 (05052124)	0.29349 (06090524)	0.29674 (06090524)
3757781.3	0.28625 (06091124)	0.29063 (05052124)	0.29237 (05052124)	0.29476 (06090524)	0.29833 (06090524)
3757751.3	0.29113 (06091124)	0.29122 (05052124)	0.29426 (05052124)	0.29603 (06090524)	0.29987 (06090524)
3757721.3	0.29612 (06091124)	0.29161 (05052124)	0.29596 (05052124)	0.29729 (06090524)	0.30138 (06090524)
3757691.3	0.30118 (06091124)	0.29178 (05052124)	0.29749 (05052124)	0.29850 (06090524)	0.30289 (06090524)
3757661.3	0.30625 (06091124)	0.29174 (05052124)	0.29881 (05052124)	0.29969 (06090524)	0.30433 (06090524)
3757631.3	0.31134 (06091124)	0.29332 (06091124)	0.29992 (05052124)	0.30082 (06090524)	0.30577 (06090524)
3757601.3	0.31649 (06091124)	0.29844 (06091124)	0.30081 (05052124)	0.30223 (05052124)	0.30717 (06090524)
3757571.3	0.32172 (06091124)	0.30365 (06091124)	0.30150 (05052124)	0.30431 (05052124)	0.30853 (06090524)
3757541.3	0.32701 (06091124)	0.30895 (06091124)	0.30197 (05052124)	0.30619 (05052124)	0.30989 (06090524)
3757511.3	0.33233 (06091124)	0.31430 (06091124)	0.30222 (05052124)	0.30786 (05052124)	0.31123 (06090524)
3757481.3	0.33768 (06091124)	0.31967 (06091124)	0.30222 (05052124)	0.30933 (05052124)	0.31253 (06090524)
3757451.3	0.34308 (06091124)	0.32507 (06091124)	0.30605 (06091124)	0.31059 (05052124)	0.31380 (06090524)
3757421.3	0.34852 (06091124)	0.33054 (06091124)	0.31149 (06091124)	0.31160 (05052124)	0.31500 (06090524)
3757391.3	0.35398 (06091124)	0.33608 (06091124)	0.31704 (06091124)	0.31240 (05052124)	0.31617 (06090524)
3757361.3	0.35944 (06091124)	0.34167 (06091124)	0.32266 (06091124)	0.31297 (05052124)	0.31729 (06090524)
3757331.3	0.36493 (06091124)	0.34731 (06091124)	0.32833 (06091124)	0.31329 (05052124)	0.31886 (05052124)
3757301.3	0.37045 (06091124)	0.35299 (06091124)	0.33403 (06091124)	0.31397 (06091124)	0.32049 (05052124)
3757271.3	0.37598 (06091124)	0.35871 (06091124)	0.33979 (06091124)	0.31968 (06091124)	0.32190 (05052124)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 *** *** 10/26/10 17:26:09 PAGE 34

**MODELOPTs: NonDFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372420.44	372450.44	372480.44	372510.44	372540.44
3757241.3	0.38154 (06091124)	0.36447 (06091124)	0.34559 (06091124)	0.32548 (06091124)	0.32305 (05052124)
3757211.3	0.38709 (06091124)	0.37025 (06091124)	0.35145 (06091124)	0.33137 (06091124)	0.32396 (05052124)
3757181.3	0.39264 (06091124)	0.37604 (06091124)	0.35739 (06091124)	0.33732 (06091124)	0.32464 (05052124)
3757151.3	0.39817 (06091124)	0.38186 (06091124)	0.36338 (06091124)	0.34335 (06091124)	0.32505 (05052124)
3757121.3	0.40371 (06091124)	0.38768 (06091124)	0.36941 (06091124)	0.34942 (06091124)	0.32823 (06091124)
3757091.3	0.40922 (06091124)	0.39353 (06091124)	0.37547 (06091124)	0.35555 (06091124)	0.33431 (06091124)
3757061.3	0.41470 (06091124)	0.39940 (06091124)	0.38157 (06091124)	0.36173 (06091124)	0.34049 (06091124)
3757031.3	0.42013 (06091124)	0.40527 (06091124)	0.38771 (06091124)	0.36797 (06091124)	0.34674 (06091124)
3757001.3	0.42552 (06091124)	0.41112 (06091124)	0.39387 (06091124)	0.37428 (06091124)	0.35307 (06091124)
3756971.3	0.43088 (06091124)	0.41697 (06091124)	0.40002 (06091124)	0.38064 (06091124)	0.35948 (06091124)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 *** *** 10/26/10 17:26:09 PAGE 35

**MODELOPTs: NonDFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372570.44	372600.44	372630.44	372660.44	372690.44
3758441.3	0.25841 (06090524)	0.25927 (07072724)	0.26460 (07072724)	0.26325 (07072724)	0.27033 (07090824)
3758411.3	0.26035 (06090524)	0.25945 (07072724)	0.26566 (07072724)	0.26512 (07072724)	0.26937 (07090824)
3758381.3	0.26229 (06090524)	0.25955 (07072724)	0.26661 (07072724)	0.26692 (07072724)	0.26833 (07090824)
3758351.3	0.26422 (06090524)	0.26089 (06090524)	0.26746 (07072724)	0.26863 (07072724)	0.26722 (07090824)
3758321.3	0.26615 (06090524)	0.26295 (06090524)	0.26822 (07072724)	0.27026 (07072724)	0.26604 (07090824)
3758291.3	0.26809 (06090524)	0.26502 (06090524)	0.26887 (07072724)	0.27179 (07072724)	0.26763 (07072724)
3758261.3	0.27003 (06090524)	0.26710 (06090524)	0.26941 (07072724)	0.27323 (07072724)	0.26991 (07072724)
3758231.3	0.27197 (06090524)	0.26919 (06090524)	0.26984 (07072724)	0.27458 (07072724)	0.27210 (07072724)
3758201.3	0.27388 (06090524)	0.27129 (06090524)	0.27016 (07072724)	0.27583 (07072724)	0.27421 (07072724)
3758171.3	0.27580 (06090524)	0.27338 (06090524)	0.27038 (07072724)	0.27696 (07072724)	0.27622 (07072724)
3758141.3	0.27772 (06090524)	0.27546 (06090524)	0.27171 (06090524)	0.27798 (07072724)	0.27817 (07072724)
3758111.3	0.27965 (06090524)	0.27755 (06090524)	0.27395 (06090524)	0.27890 (07072724)	0.28005 (07072724)
3758081.3	0.28159 (06090524)	0.27965 (06090524)	0.27620 (06090524)	0.27974 (07072724)	0.28182 (07072724)
3758051.3	0.28348 (06090524)	0.28176 (06090524)	0.27845 (06090524)	0.28046 (07072724)	0.28348 (07072724)
3758021.3	0.28536 (06090524)	0.28384 (06090524)	0.28071 (06090524)	0.28104 (07072724)	0.28503 (07072724)
3757991.3	0.28724 (06090524)	0.28591 (06090524)	0.28297 (06090524)	0.28149 (07072724)	0.28650 (07072724)
3757961.3	0.28911 (06090524)	0.28799 (06090524)	0.28521 (06090524)	0.28186 (07072724)	0.28788 (07072724)
3757931.3	0.29099 (06090524)	0.29008 (06090524)	0.28749 (06090524)	0.28326 (06090524)	0.28911 (07072724)
3757901.3	0.29287 (06090524)	0.29217 (06090524)	0.28977 (06090524)	0.28569 (06090524)	0.29020 (07072724)
3757871.3	0.29469 (06090524)	0.29427 (06090524)	0.29204 (06090524)	0.28814 (06090524)	0.29121 (07072724)
3757841.3	0.29654 (06090524)	0.29632 (06090524)	0.29432 (06090524)	0.29057 (06090524)	0.29213 (07072724)

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3757811.3 |      0.29840 (06090524)      0.29836 (06090524)      0.29657 (06090524)      0.29302 (06090524)      0.29292 (07072724)
3757781.3 |      0.30022 (06090524)      0.30041 (06090524)      0.29881 (06090524)      0.29547 (06090524)      0.29355 (07072724)
3757751.3 |      0.30204 (06090524)      0.30243 (06090524)      0.30109 (06090524)      0.29790 (06090524)      0.29405 (07072724)
3757721.3 |      0.30380 (06090524)      0.30446 (06090524)      0.30334 (06090524)      0.30038 (06090524)      0.29561 (06090524)
3757691.3 |      0.30554 (06090524)      0.30647 (06090524)      0.30561 (06090524)      0.30286 (06090524)      0.29826 (06090524)
3757661.3 |      0.30730 (06090524)      0.30845 (06090524)      0.30788 (06090524)      0.30532 (06090524)      0.30091 (06090524)
3757631.3 |      0.30901 (06090524)      0.31047 (06090524)      0.31011 (06090524)      0.30780 (06090524)      0.30356 (06090524)
3757601.3 |      0.31072 (06090524)      0.31246 (06090524)      0.31234 (06090524)      0.31024 (06090524)      0.30622 (06090524)
3757571.3 |      0.31242 (06090524)      0.31444 (06090524)      0.31457 (06090524)      0.31270 (06090524)      0.30886 (06090524)
3757541.3 |      0.31408 (06090524)      0.31639 (06090524)      0.31677 (06090524)      0.31516 (06090524)      0.31152 (06090524)
3757511.3 |      0.31572 (06090524)      0.31830 (06090524)      0.31896 (06090524)      0.31761 (06090524)      0.31421 (06090524)
3757481.3 |      0.31733 (06090524)      0.32020 (06090524)      0.32113 (06090524)      0.32007 (06090524)      0.31691 (06090524)
3757451.3 |      0.31889 (06090524)      0.32209 (06090524)      0.32329 (06090524)      0.32252 (06090524)      0.31961 (06090524)
3757421.3 |      0.32042 (06090524)      0.32394 (06090524)      0.32547 (06090524)      0.32496 (06090524)      0.32229 (06090524)
3757391.3 |      0.32191 (06090524)      0.32578 (06090524)      0.32762 (06090524)      0.32740 (06090524)      0.32497 (06090524)
3757361.3 |      0.32338 (06090524)      0.32761 (06090524)      0.32975 (06090524)      0.32983 (06090524)      0.32765 (06090524)
3757331.3 |      0.32483 (06090524)      0.32940 (06090524)      0.33187 (06090524)      0.33222 (06090524)      0.33033 (06090524)
3757301.3 |      0.32625 (06090524)      0.33117 (06090524)      0.33395 (06090524)      0.33459 (06090524)      0.33300 (06090524)
3757271.3 |      0.32765 (06090524)      0.33290 (06090524)      0.33602 (06090524)      0.33696 (06090524)      0.33565 (06090524)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                          ***       10/26/10
                                  ***                                                                          ***       17:26:09
                                                                                                                         PAGE  36
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372570.44              372600.44              372630.44              372660.44              372690.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.32899 (06090524)      0.33458 (06090524)      0.33806 (06090524)      0.33931 (06090524)      0.33833 (06090524)
3757211.3 |      0.33028 (06090524)      0.33623 (06090524)      0.34005 (06090524)      0.34166 (06090524)      0.34100 (06090524)
3757181.3 |      0.33152 (06090524)      0.33783 (06090524)      0.34205 (06090524)      0.34400 (06090524)      0.34365 (06090524)
3757151.3 |      0.33269 (06090524)      0.33941 (06090524)      0.34402 (06090524)      0.34631 (06090524)      0.34629 (06090524)
3757121.3 |      0.33382 (06090524)      0.34097 (06090524)      0.34596 (06090524)      0.34861 (06090524)      0.34891 (06090524)
3757091.3 |      0.33491 (06090524)      0.34248 (06090524)      0.34787 (06090524)      0.35088 (06090524)      0.35151 (06090524)
3757061.3 |      0.33595 (06090524)      0.34395 (06090524)      0.34973 (06090524)      0.35312 (06090524)      0.35409 (06090524)
3757031.3 |      0.33693 (06090524)      0.34537 (06090524)      0.35155 (06090524)      0.35534 (06090524)      0.35664 (06090524)
3757001.3 |      0.33785 (06090524)      0.34675 (06090524)      0.35333 (06090524)      0.35752 (06090524)      0.35920 (06090524)
3756971.3 |      0.33870 (06090524)      0.34807 (06090524)      0.35505 (06090524)      0.35968 (06090524)      0.36174 (06090524)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                          ***       10/26/10
                                  ***                                                                          ***       17:26:09
                                                                                                                         PAGE  37
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372720.44              372750.44              372780.44              372810.44              372840.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.28907 (07090824)      0.30225 (07090824)      0.30918 (07090824)      0.30951 (07090824)      0.30364 (07090824)
3758411.3 |      0.28883 (07090824)      0.30278 (07090824)      0.31047 (07090824)      0.31147 (07090824)      0.30616 (07090824)
3758381.3 |      0.28852 (07090824)      0.30324 (07090824)      0.31166 (07090824)      0.31338 (07090824)      0.30864 (07090824)
3758351.3 |      0.28814 (07090824)      0.30359 (07090824)      0.31279 (07090824)      0.31522 (07090824)      0.31108 (07090824)
3758321.3 |      0.28765 (07090824)      0.30384 (07090824)      0.31383 (07090824)      0.31700 (07090824)      0.31347 (07090824)
3758291.3 |      0.28704 (07090824)      0.30402 (07090824)      0.31480 (07090824)      0.31872 (07090824)      0.31582 (07090824)
3758261.3 |      0.28635 (07090824)      0.30411 (07090824)      0.31569 (07090824)      0.32035 (07090824)      0.31814 (07090824)
3758231.3 |      0.28557 (07090824)      0.30412 (07090824)      0.31648 (07090824)      0.32195 (07090824)      0.32042 (07090824)
3758201.3 |      0.28472 (07090824)      0.30403 (07090824)      0.31720 (07090824)      0.32350 (07090824)      0.32267 (07090824)
3758171.3 |      0.28377 (07090824)      0.30385 (07090824)      0.31787 (07090824)      0.32499 (07090824)      0.32488 (07090824)
3758141.3 |      0.28272 (07090824)      0.30362 (07090824)      0.31848 (07090824)      0.32641 (07090824)      0.32705 (07090824)
3758111.3 |      0.28161 (07090824)      0.30332 (07090824)      0.31900 (07090824)      0.32776 (07090824)      0.32918 (07090824)
3758081.3 |      0.28043 (07090824)      0.30293 (07090824)      0.31943 (07090824)      0.32905 (07090824)      0.33126 (07090824)
3758051.3 |      0.27918 (07090824)      0.30242 (07090824)      0.31977 (07090824)      0.33027 (07090824)      0.33329 (07090824)
3758021.3 |      0.28129 (07072724)      0.30181 (07090824)      0.32003 (07090824)      0.33141 (07090824)      0.33521 (07090824)
3757991.3 |      0.28369 (07072724)      0.30112 (07090824)      0.32020 (07090824)      0.33242 (07090824)      0.33706 (07090824)
3757961.3 |      0.28597 (07072724)      0.30033 (07090824)      0.32025 (07090824)      0.33334 (07090824)      0.33885 (07090824)
3757931.3 |      0.28815 (07072724)      0.29942 (07090824)      0.32017 (07090824)      0.33417 (07090824)      0.34058 (07090824)
3757901.3 |      0.29026 (07072724)      0.29838 (07090824)      0.32001 (07090824)      0.33493 (07090824)      0.34225 (07090824)
3757871.3 |      0.29232 (07072724)      0.29725 (07090824)      0.31977 (07090824)      0.33563 (07090824)      0.34383 (07090824)
3757841.3 |      0.29425 (07072724)      0.29607 (07090824)      0.31947 (07090824)      0.33622 (07090824)      0.34532 (07090824)
3757811.3 |      0.29605 (07072724)      0.29480 (07090824)      0.31905 (07090824)      0.33670 (07090824)      0.34675 (07090824)
3757781.3 |      0.29773 (07072724)      0.29352 (07072724)      0.31850 (07090824)      0.33711 (07090824)      0.34813 (07090824)
3757751.3 |      0.29934 (07072724)      0.29613 (07072724)      0.31788 (07090824)      0.33745 (07090824)      0.34942 (07090824)
3757721.3 |      0.30084 (07072724)      0.29863 (07072724)      0.31717 (07090824)      0.33768 (07090824)      0.35061 (07090824)
3757691.3 |      0.30218 (07072724)      0.30100 (07072724)      0.31635 (07090824)      0.33779 (07090824)      0.35168 (07090824)
3757661.3 |      0.30339 (07072724)      0.30330 (07072724)      0.31539 (07090824)      0.33777 (07090824)      0.35267 (07090824)
3757631.3 |      0.30450 (07072724)      0.30551 (07072724)      0.31430 (07090824)      0.33766 (07090824)      0.35358 (07090824)
3757601.3 |      0.30549 (07072724)      0.30762 (07072724)      0.31313 (07090824)      0.33745 (07090824)      0.35438 (07090824)
3757571.3 |      0.30634 (07072724)      0.30960 (07072724)      0.31185 (07090824)      0.33712 (07090824)      0.35507 (07090824)
3757541.3 |      0.30705 (07072724)      0.31146 (07072724)      0.31045 (07090824)      0.33667 (07090824)      0.35565 (07090824)
3757511.3 |      0.30883 (06090524)      0.31320 (07072724)      0.30951 (07072724)      0.33612 (07090824)      0.35614 (07090824)
3757481.3 |      0.31172 (06090524)      0.31481 (07072724)      0.31224 (07072724)      0.33547 (07090824)      0.35654 (07090824)
3757451.3 |      0.31461 (06090524)      0.31629 (07072724)      0.31486 (07072724)      0.33471 (07090824)      0.35681 (07090824)
3757421.3 |      0.31750 (06090524)      0.31765 (07072724)      0.31738 (07072724)      0.33381 (07090824)      0.35695 (07090824)
3757391.3 |      0.32038 (06090524)      0.31886 (07072724)      0.31978 (07072724)      0.33279 (07090824)      0.35700 (07090824)
3757361.3 |      0.32327 (06090524)      0.31992 (07072724)      0.32205 (07072724)      0.33167 (07090824)      0.35695 (07090824)
3757331.3 |      0.32618 (06090524)      0.32084 (07072724)      0.32423 (07072724)      0.33044 (07090824)      0.35676 (07090824)
3757301.3 |      0.32911 (06090524)      0.32302 (06090524)      0.32629 (07072724)      0.32906 (07090824)      0.35644 (07090824)
3757271.3 |      0.33205 (06090524)      0.32617 (06090524)      0.32820 (07072724)      0.32755 (07090824)      0.35600 (07090824)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                          ***       10/26/10
                                  ***                                                                          ***       17:26:09
                                                                                                                         PAGE  38
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***
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Site #17 – Localized $PM_{2.5}$ Concentrations

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                                ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372720.44              372750.44              372780.44              372810.44              372840.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.33498 (06090524)      0.32932 (06090524)      0.32994 (07072724)      0.32694 (07072724)      0.35547 (07090824)
3757211.3 |      0.33791 (06090524)      0.33248 (06090524)      0.33156 (07072724)      0.32982 (07072724)      0.35480 (07090824)
3757181.3 |      0.34085 (06090524)      0.33563 (06090524)      0.33308 (07072724)      0.33260 (07072724)      0.35396 (07090824)
3757151.3 |      0.34378 (06090524)      0.33880 (06090524)      0.33441 (07072724)      0.33523 (07072724)      0.35298 (07090824)
3757121.3 |      0.34670 (06090524)      0.34198 (06090524)      0.33557 (07072724)      0.33770 (07072724)      0.35191 (07090824)
3757091.3 |      0.34961 (06090524)      0.34517 (06090524)      0.33828 (06090524)      0.34008 (07072724)      0.35071 (07090824)
3757061.3 |      0.35251 (06090524)      0.34837 (06090524)      0.34172 (06090524)      0.34235 (07072724)      0.34936 (07090824)
3757031.3 |      0.35544 (06090524)      0.35157 (06090524)      0.34516 (06090524)      0.34445 (07072724)      0.34787 (07090824)
3757001.3 |      0.35834 (06090524)      0.35480 (06090524)      0.34861 (06090524)      0.34637 (07072724)      0.34627 (07090824)
3756971.3 |      0.36123 (06090524)      0.35802 (06090524)      0.35208 (06090524)      0.34816 (07072724)      0.34603 (07072724)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                  ***       10/26/10
                                  ***                                                                  ***       17:26:09
                                                                                                                 PAGE  39

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372870.44              372900.44              372930.44              372960.44              372990.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3758441.3 |      0.29885 (07091824)      0.30592 (07091824)      0.30632 (07091824)      0.30187 (07030724)      0.30520 (05082924)
3758411.3 |      0.29943 (07091824)      0.30717 (07091824)      0.30815 (07091824)      0.30352 (07030724)      0.30654 (05082924)
3758381.3 |      0.29996 (07091824)      0.30839 (07091824)      0.30995 (07091824)      0.30519 (07030724)      0.30787 (05082924)
3758351.3 |      0.30102 (07090824)      0.30954 (07091824)      0.31171 (07091824)      0.30686 (07030724)      0.30918 (05082924)
3758321.3 |      0.30389 (07090824)      0.31064 (07091824)      0.31344 (07091824)      0.30914 (07091824)      0.31047 (05082924)
3758291.3 |      0.30675 (07090824)      0.31170 (07091824)      0.31514 (07091824)      0.31142 (07091824)      0.31174 (05082924)
3758261.3 |      0.30959 (07090824)      0.31271 (07091824)      0.31680 (07091824)      0.31365 (07091824)      0.31298 (05082924)
3758231.3 |      0.31242 (07090824)      0.31367 (07091824)      0.31842 (07091824)      0.31587 (07091824)      0.31420 (05082924)
3758201.3 |      0.31523 (07090824)      0.31458 (07091824)      0.31999 (07091824)      0.31805 (07091824)      0.31607 (07030724)
3758171.3 |      0.31803 (07090824)      0.31540 (07091824)      0.32151 (07091824)      0.32022 (07091824)      0.31799 (07030724)
3758141.3 |      0.32081 (07090824)      0.31617 (07091824)      0.32298 (07091824)      0.32237 (07091824)      0.31991 (07030724)
3758111.3 |      0.32357 (07090824)      0.31688 (07091824)      0.32442 (07091824)      0.32448 (07091824)      0.32183 (07030724)
3758081.3 |      0.32629 (07090824)      0.31754 (07091824)      0.32582 (07091824)      0.32655 (07091824)      0.32373 (07030724)
3758051.3 |      0.32896 (07090824)      0.31815 (07091824)      0.32717 (07091824)      0.32858 (07091824)      0.32562 (07030724)
3758021.3 |      0.33159 (07090824)      0.32124 (07090824)      0.32846 (07091824)      0.33057 (07091824)      0.32752 (07030724)
3757991.3 |      0.33417 (07090824)      0.32439 (07090824)      0.32971 (07091824)      0.33251 (07091824)      0.32943 (07030724)
3757961.3 |      0.33672 (07090824)      0.32751 (07090824)      0.33091 (07091824)      0.33442 (07091824)      0.33135 (07030724)
3757931.3 |      0.33922 (07090824)      0.33059 (07090824)      0.33206 (07091824)      0.33630 (07091824)      0.33329 (07030724)
3757901.3 |      0.34164 (07090824)      0.33364 (07090824)      0.33315 (07091824)      0.33812 (07091824)      0.33525 (07030724)
3757871.3 |      0.34401 (07090824)      0.33667 (07090824)      0.33416 (07091824)      0.33989 (07091824)      0.33736 (07091824)
3757841.3 |      0.34635 (07090824)      0.33970 (07090824)      0.33511 (07091824)      0.34162 (07091824)      0.33979 (07091824)
3757811.3 |      0.34866 (07090824)      0.34270 (07090824)      0.33599 (07091824)      0.34330 (07091824)      0.34219 (07091824)
3757781.3 |      0.35091 (07090824)      0.34567 (07090824)      0.33682 (07091824)      0.34493 (07091824)      0.34454 (07091824)
3757751.3 |      0.35309 (07090824)      0.34859 (07090824)      0.33760 (07091824)      0.34650 (07091824)      0.34687 (07091824)
3757721.3 |      0.35518 (07090824)      0.35147 (07090824)      0.34024 (07090824)      0.34801 (07091824)      0.34916 (07091824)
3757691.3 |      0.35721 (07090824)      0.35432 (07090824)      0.34372 (07090824)      0.34947 (07091824)      0.35141 (07091824)
3757661.3 |      0.35918 (07090824)      0.35713 (07090824)      0.34716 (07090824)      0.35088 (07091824)      0.35362 (07091824)
3757631.3 |      0.36107 (07090824)      0.35987 (07090824)      0.35057 (07090824)      0.35225 (07091824)      0.35579 (07091824)
3757601.3 |      0.36286 (07090824)      0.36254 (07090824)      0.35393 (07090824)      0.35355 (07091824)      0.35789 (07091824)
3757571.3 |      0.36456 (07090824)      0.36515 (07090824)      0.35727 (07090824)      0.35476 (07091824)      0.35995 (07091824)
3757541.3 |      0.36618 (07090824)      0.36770 (07090824)      0.36058 (07090824)      0.35591 (07091824)      0.36196 (07091824)
3757511.3 |      0.36772 (07090824)      0.37020 (07090824)      0.36386 (07090824)      0.35699 (07091824)      0.36393 (07091824)
3757481.3 |      0.36916 (07090824)      0.37262 (07090824)      0.36709 (07090824)      0.35802 (07091824)      0.36585 (07091824)
3757451.3 |      0.37049 (07090824)      0.37496 (07090824)      0.37030 (07090824)      0.35938 (07030724)      0.36771 (07091824)
3757421.3 |      0.37174 (07090824)      0.37726 (07090824)      0.37347 (07090824)      0.36124 (07090824)      0.36949 (07091824)
3757391.3 |      0.37290 (07090824)      0.37947 (07090824)      0.37659 (07090824)      0.36504 (07090824)      0.37121 (07091824)
3757361.3 |      0.37395 (07090824)      0.38159 (07090824)      0.37965 (07090824)      0.36881 (07090824)      0.37289 (07091824)
3757331.3 |      0.37488 (07090824)      0.38361 (07090824)      0.38264 (07090824)      0.37257 (07090824)      0.37451 (07091824)
3757301.3 |      0.37569 (07090824)      0.38556 (07090824)      0.38559 (07090824)      0.37630 (07090824)      0.37606 (07091824)
3757271.3 |      0.37642 (07090824)      0.38743 (07090824)      0.38850 (07090824)      0.38001 (07090824)      0.37751 (07091824)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                  ***       10/26/10
                                  ***                                                                  ***       17:26:09
                                                                                                                 PAGE  40

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372870.44              372900.44              372930.44              372960.44              372990.44
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3757241.3 |      0.37706 (07090824)      0.38922 (07090824)      0.39131 (07090824)      0.38366 (07090824)      0.37930 (07030724)
3757211.3 |      0.37754 (07090824)      0.39087 (07090824)      0.39404 (07090824)      0.38727 (07090824)      0.38131 (07030724)
3757181.3 |      0.37786 (07090824)      0.39238 (07090824)      0.39668 (07090824)      0.39086 (07090824)      0.38331 (07030724)
3757151.3 |      0.37806 (07090824)      0.39381 (07090824)      0.39926 (07090824)      0.39441 (07090824)      0.38530 (07030724)
3757121.3 |      0.37817 (07090824)      0.39515 (07090824)      0.40177 (07090824)      0.39792 (07090824)      0.38728 (07030724)
3757091.3 |      0.37815 (07090824)      0.39637 (07090824)      0.40417 (07090824)      0.40135 (07090824)      0.38927 (07030724)
3757061.3 |      0.37797 (07090824)      0.39743 (07090824)      0.40644 (07090824)      0.40469 (07090824)      0.39291 (07090824)
3757031.3 |      0.37764 (07090824)      0.39837 (07090824)      0.40863 (07090824)      0.40798 (07090824)      0.39704 (07090824)
3757001.3 |      0.37723 (07090824)      0.39923 (07090824)      0.41074 (07090824)      0.41122 (07090824)      0.40116 (07090824)
3756971.3 |      0.37670 (07090824)      0.39999 (07090824)      0.41277 (07090824)      0.41439 (07090824)      0.40524 (07090824)
*** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                                  ***       10/26/10
                                  ***                                                                  ***       17:26:09
                                                                                                                 PAGE  41

**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
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Site #17 – Localized $PM_{2.5}$ Concentrations

(METERS)	373020.44	373050.44	373080.44	373110.44	373140.44
3758441.3	0.30680 (05082924)	0.30259 (05082924)	0.29240 (05082924)	0.28223 (07030724)	0.28809 (07050924)
3758411.3	0.30858 (05082924)	0.30473 (05082924)	0.29486 (05082924)	0.28431 (07030724)	0.28923 (07050924)
3758381.3	0.31033 (05082924)	0.30685 (05082924)	0.29733 (05082924)	0.28643 (07030724)	0.29037 (07050924)
3758351.3	0.31206 (05082924)	0.30896 (05082924)	0.29982 (05082924)	0.28857 (07030724)	0.29152 (07050924)
3758321.3	0.31377 (05082924)	0.31108 (05082924)	0.30230 (05082924)	0.29072 (07030724)	0.29267 (07050924)
3758291.3	0.31547 (05082924)	0.31321 (05082924)	0.30478 (05082924)	0.29287 (07030724)	0.29383 (07050924)
3758261.3	0.31715 (05082924)	0.31533 (05082924)	0.30726 (05082924)	0.29505 (07030724)	0.29498 (07050924)
3758231.3	0.31882 (05082924)	0.31746 (05082924)	0.30973 (05082924)	0.29724 (07030724)	0.29612 (07050924)
3758201.3	0.32049 (05082924)	0.31957 (05082924)	0.31220 (05082924)	0.29946 (07030724)	0.29725 (07050924)
3758171.3	0.32215 (05082924)	0.32167 (05082924)	0.31468 (05082924)	0.30171 (07030724)	0.29838 (07050924)
3758141.3	0.32379 (05082924)	0.32375 (05082924)	0.31714 (05082924)	0.30410 (05082924)	0.29951 (07050924)
3758111.3	0.32541 (05082924)	0.32581 (05082924)	0.31961 (05082924)	0.30690 (05082924)	0.30064 (07050924)
3758081.3	0.32700 (05082924)	0.32787 (05082924)	0.32208 (05082924)	0.30971 (05082924)	0.30178 (07050924)
3758051.3	0.32858 (05082924)	0.32990 (05082924)	0.32456 (05082924)	0.31251 (05082924)	0.30293 (07050924)
3758021.3	0.33014 (05082924)	0.33193 (05082924)	0.32704 (05082924)	0.31534 (05082924)	0.30485 (07030724)
3757991.3	0.33167 (05082924)	0.33396 (05082924)	0.32952 (05082924)	0.31816 (05082924)	0.30723 (07030724)
3757961.3	0.33318 (05082924)	0.33598 (05082924)	0.33199 (05082924)	0.32098 (05082924)	0.30962 (07030724)
3757931.3	0.33467 (05082924)	0.33799 (05082924)	0.33446 (05082924)	0.32380 (05082924)	0.31203 (07030724)
3757901.3	0.33614 (05082924)	0.33998 (05082924)	0.33691 (05082924)	0.32662 (05082924)	0.31448 (07030724)
3757871.3	0.33758 (05082924)	0.34194 (05082924)	0.33933 (05082924)	0.32946 (05082924)	0.31696 (07030724)
3757841.3	0.33960 (07030724)	0.34387 (05082924)	0.34173 (05082924)	0.33230 (05082924)	0.31947 (07030724)
3757811.3	0.34177 (07030724)	0.34577 (05082924)	0.34413 (05082924)	0.33515 (05082924)	0.32201 (07030724)
3757781.3	0.34394 (07030724)	0.34765 (05082924)	0.34652 (05082924)	0.33799 (05082924)	0.32458 (07030724)
3757751.3	0.34611 (07030724)	0.34953 (05082924)	0.34892 (05082924)	0.34083 (05082924)	0.32718 (07030724)
3757721.3	0.34829 (07030724)	0.35141 (05082924)	0.35133 (05082924)	0.34367 (05082924)	0.32980 (07030724)
3757691.3	0.35047 (07030724)	0.35327 (05082924)	0.35372 (05082924)	0.34651 (05082924)	0.33244 (07030724)
3757661.3	0.35265 (07030724)	0.35511 (05082924)	0.35611 (05082924)	0.34936 (05082924)	0.33508 (07030724)
3757631.3	0.35484 (07030724)	0.35693 (05082924)	0.35847 (05082924)	0.35220 (05082924)	0.33814 (05082924)
3757601.3	0.35704 (07030724)	0.35872 (05082924)	0.36082 (05082924)	0.35505 (05082924)	0.34142 (05082924)
3757571.3	0.35926 (07030724)	0.36046 (05082924)	0.36314 (05082924)	0.35792 (05082924)	0.34470 (05082924)
3757541.3	0.36150 (07030724)	0.36216 (05082924)	0.36544 (05082924)	0.36079 (05082924)	0.34799 (05082924)
3757511.3	0.36375 (07030724)	0.36384 (05082924)	0.36772 (05082924)	0.36363 (05082924)	0.35126 (05082924)
3757481.3	0.36600 (07030724)	0.36621 (07030724)	0.36998 (05082924)	0.36644 (05082924)	0.35452 (05082924)
3757451.3	0.36825 (07030724)	0.36869 (07030724)	0.37224 (05082924)	0.36923 (05082924)	0.35775 (05082924)
3757421.3	0.37051 (07030724)	0.37117 (07030724)	0.37448 (05082924)	0.37202 (05082924)	0.36099 (05082924)
3757391.3	0.37276 (07030724)	0.37366 (07030724)	0.37671 (05082924)	0.37481 (05082924)	0.36423 (05082924)
3757361.3	0.37501 (07030724)	0.37615 (07030724)	0.37893 (05082924)	0.37759 (05082924)	0.36750 (05082924)
3757331.3	0.37727 (07030724)	0.37864 (07030724)	0.38112 (05082924)	0.38037 (05082924)	0.37080 (05082924)
3757301.3	0.37955 (07030724)	0.38114 (07030724)	0.38327 (05082924)	0.38316 (05082924)	0.37412 (05082924)
3757271.3	0.38194 (07091824)	0.38365 (07030724)	0.38539 (05082924)	0.38595 (05082924)	0.37745 (05082924)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 373020.44	373050.44	373080.44	373110.44	373140.44
3757241.3	0.38427 (07091824)	0.38618 (07030724)	0.38748 (05082924)	0.38871 (05082924)	0.38079 (05082924)
3757211.3	0.38657 (07091824)	0.38873 (07030724)	0.38955 (05082924)	0.39144 (05082924)	0.38411 (05082924)
3757181.3	0.38883 (07030724)	0.39130 (07030724)	0.39158 (05082924)	0.39415 (05082924)	0.38740 (05082924)
3757151.3	0.39114 (07030724)	0.39390 (07030724)	0.39362 (07030724)	0.39683 (05082924)	0.39068 (05082924)
3757121.3	0.39345 (07030724)	0.39650 (07030724)	0.39643 (07030724)	0.39949 (05082924)	0.39394 (05082924)
3757091.3	0.39576 (07030724)	0.39911 (07030724)	0.39928 (07030724)	0.40214 (05082924)	0.39721 (05082924)
3757061.3	0.39805 (07030724)	0.40172 (07030724)	0.40215 (07030724)	0.40478 (05082924)	0.40048 (05082924)
3757031.3	0.40035 (07030724)	0.40432 (07030724)	0.40503 (07030724)	0.40742 (05082924)	0.40378 (05082924)
3757001.3	0.40266 (07030724)	0.40693 (07030724)	0.40791 (07030724)	0.41006 (05082924)	0.40707 (05082924)
3756971.3	0.40498 (07030724)	0.40955 (07030724)	0.41081 (07030724)	0.41265 (05082924)	0.41036 (05082924)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 373170.44	373200.44	373230.44	373260.44	373290.44
3758441.3	0.30261 (07050924)	0.31794 (07050924)	0.33362 (07050924)	0.35883 (06060324)	0.39865 (06060324)
3758411.3	0.30385 (07050924)	0.31925 (07050924)	0.33510 (07050924)	0.35845 (06060324)	0.39848 (06060324)
3758381.3	0.30510 (07050924)	0.32056 (07050924)	0.33659 (07050924)	0.35808 (06060324)	0.39831 (06060324)
3758351.3	0.30637 (07050924)	0.32188 (07050924)	0.33810 (07050924)	0.35769 (06060324)	0.39813 (06060324)
3758321.3	0.30764 (07050924)	0.32321 (07050924)	0.33963 (07050924)	0.35729 (06060324)	0.39796 (06060324)
3758291.3	0.30893 (07050924)	0.32456 (07050924)	0.34117 (07050924)	0.35775 (07050924)	0.39779 (06060324)
3758261.3	0.31022 (07050924)	0.32594 (07050924)	0.34272 (07050924)	0.35942 (07050924)	0.39761 (06060324)
3758231.3	0.31151 (07050924)	0.32734 (07050924)	0.34428 (07050924)	0.36111 (07050924)	0.39744 (06060324)
3758201.3	0.31280 (07050924)	0.32876 (07050924)	0.34584 (07050924)	0.36282 (07050924)	0.39726 (06060324)
3758171.3	0.31409 (07050924)	0.33021 (07050924)	0.34741 (07050924)	0.36456 (07050924)	0.39709 (06060324)
3758141.3	0.31537 (07050924)	0.33169 (07050924)	0.34897 (07050924)	0.36632 (07050924)	0.39689 (06060324)
3758111.3	0.31666 (07050924)	0.33318 (07050924)	0.35054 (07050924)	0.36810 (07050924)	0.39668 (06060324)
3758081.3	0.31794 (07050924)	0.33469 (07050924)	0.35211 (07050924)	0.36988 (07050924)	0.39644 (06060324)
3758051.3	0.31921 (07050924)	0.33620 (07050924)	0.35370 (07050924)	0.37168 (07050924)	0.39618 (06060324)
3758021.3	0.32049 (07050924)	0.33770 (07050924)	0.35529 (07050924)	0.37349 (07050924)	0.39590 (06060324)
3757991.3	0.32178 (07050924)	0.33920 (07050924)	0.35689 (07050924)	0.37531 (07050924)	0.39559 (06060324)
3757961.3	0.32308 (07050924)	0.34069 (07050924)	0.35851 (07050924)	0.37713 (07050924)	0.39556 (07050924)
3757931.3	0.32438 (07050924)	0.34218 (07050924)	0.36015 (07050924)	0.37895 (07050924)	0.39759 (07050924)
3757901.3	0.32571 (07050924)	0.34366 (07050924)	0.36181 (07050924)	0.38079 (07050924)	0.39963 (07050924)
3757871.3	0.32706 (07050924)	0.34513 (07050924)	0.36348 (07050924)	0.38264 (07050924)	0.40168 (07050924)
3757841.3	0.32842 (07050924)	0.34660 (07050924)	0.36517 (07050924)	0.38449 (07050924)	0.40372 (07050924)
3757811.3	0.32978 (07050924)	0.34809 (07050924)	0.36687 (07050924)	0.38636 (07050924)	0.40579 (07050924)
3757781.3	0.33116 (07050924)	0.34958 (07050924)	0.36857 (07050924)	0.38823 (07050924)	0.40786 (07050924)
3757751.3	0.33254 (07050924)	0.35109 (07050924)	0.37028 (07050924)	0.39011 (07050924)	0.40994 (07050924)
3757721.3	0.33393 (07050924)	0.35261 (07050924)	0.37199 (07050924)	0.39200 (07050924)	0.41204 (07050924)
3757691.3	0.33531 (07050924)	0.35414 (07050924)	0.37371 (07050924)	0.39390 (07050924)	0.41416 (07050924)
3757661.3	0.33669 (07050924)	0.35567 (07050924)	0.37544 (07050924)	0.39580 (07050924)	0.41630 (07050924)

3757631.3	0.33807 (07050924)	0.35722 (07050924)	0.37719 (07050924)	0.39770 (07050924)	0.41845 (07050924)
3757601.3	0.33945 (07050924)	0.35878 (07050924)	0.37895 (07050924)	0.39962 (07050924)	0.42063 (07050924)
3757571.3	0.34084 (07050924)	0.36035 (07050924)	0.38073 (07050924)	0.40155 (07050924)	0.42283 (07050924)
3757541.3	0.34224 (07050924)	0.36192 (07050924)	0.38253 (07050924)	0.40350 (07050924)	0.42504 (07050924)
3757511.3	0.34364 (07050924)	0.36350 (07050924)	0.38435 (07050924)	0.40547 (07050924)	0.42727 (07050924)
3757481.3	0.34505 (07050924)	0.36509 (07050924)	0.38618 (07050924)	0.40747 (07050924)	0.42952 (07050924)
3757451.3	0.34646 (07050924)	0.36670 (07050924)	0.38802 (07050924)	0.40951 (07050924)	0.43179 (07050924)
3757421.3	0.34786 (07050924)	0.36832 (07050924)	0.38987 (07050924)	0.41159 (07050924)	0.43407 (07050924)
3757391.3	0.35047 (07030724)	0.36995 (07050924)	0.39171 (07050924)	0.41370 (07050924)	0.43637 (07050924)
3757361.3	0.35345 (07030724)	0.37160 (07050924)	0.39355 (07050924)	0.41585 (07050924)	0.43868 (07050924)
3757331.3	0.35646 (07030724)	0.37328 (07050924)	0.39539 (07050924)	0.41801 (07050924)	0.44101 (07050924)
3757301.3	0.35948 (07030724)	0.37496 (07050924)	0.39724 (07050924)	0.42019 (07050924)	0.44335 (07050924)
3757271.3	0.36251 (07030724)	0.37665 (07050924)	0.39910 (07050924)	0.42237 (07050924)	0.44571 (07050924)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373170.44	373200.44	373230.44	373260.44	373290.44
3757241.3	0.36557 (07030724)	0.37834 (07050924)	0.40097 (07050924)	0.42454 (07050924)	0.44809 (07050924)
3757211.3	0.36866 (07030724)	0.38003 (07050924)	0.40287 (07050924)	0.42670 (07050924)	0.45049 (07050924)
3757181.3	0.37179 (07030724)	0.38172 (07050924)	0.40479 (07050924)	0.42885 (07050924)	0.45293 (07050924)
3757151.3	0.37511 (05082924)	0.38341 (07050924)	0.40673 (07050924)	0.43099 (07050924)	0.45539 (07050924)
3757121.3	0.37886 (05082924)	0.38509 (07050924)	0.40868 (07050924)	0.43313 (07050924)	0.45788 (07050924)
3757091.3	0.38263 (05082924)	0.38678 (07050924)	0.41063 (07050924)	0.43528 (07050924)	0.46038 (07050924)
3757061.3	0.38643 (05082924)	0.38848 (07050924)	0.41258 (07050924)	0.43746 (07050924)	0.46290 (07050924)
3757031.3	0.39024 (05082924)	0.39019 (07050924)	0.41454 (07050924)	0.43966 (07050924)	0.46543 (07050924)
3757001.3	0.39406 (05082924)	0.39190 (07050924)	0.41652 (07050924)	0.44190 (07050924)	0.46796 (07050924)
3756971.3	0.39789 (05082924)	0.39361 (07050924)	0.41850 (07050924)	0.44417 (07050924)	0.47049 (07050924)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373320.44	373350.44	373380.44	373410.44	373440.44
3758441.3	0.43449 (06060324)	0.46473 (06060324)	0.48837 (06060324)	0.50326 (06060324)	0.50947 (06060324)
3758411.3	0.43473 (06060324)	0.46522 (06060324)	0.48919 (06060324)	0.50434 (06060324)	0.51075 (06060324)
3758381.3	0.43495 (06060324)	0.46571 (06060324)	0.49000 (06060324)	0.50543 (06060324)	0.51202 (06060324)
3758351.3	0.43514 (06060324)	0.46621 (06060324)	0.49079 (06060324)	0.50652 (06060324)	0.51328 (06060324)
3758321.3	0.43530 (06060324)	0.46671 (06060324)	0.49157 (06060324)	0.50763 (06060324)	0.51455 (06060324)
3758291.3	0.43544 (06060324)	0.46721 (06060324)	0.49233 (06060324)	0.50874 (06060324)	0.51584 (06060324)
3758261.3	0.43556 (06060324)	0.46772 (06060324)	0.49308 (06060324)	0.50986 (06060324)	0.51712 (06060324)
3758231.3	0.43565 (06060324)	0.46824 (06060324)	0.49384 (06060324)	0.51098 (06060324)	0.51842 (06060324)
3758201.3	0.43573 (06060324)	0.46875 (06060324)	0.49461 (06060324)	0.51212 (06060324)	0.51973 (06060324)
3758171.3	0.43581 (06060324)	0.46927 (06060324)	0.49538 (06060324)	0.51326 (06060324)	0.52105 (06060324)
3758141.3	0.43590 (06060324)	0.46978 (06060324)	0.49615 (06060324)	0.51439 (06060324)	0.52237 (06060324)
3758111.3	0.43598 (06060324)	0.47026 (06060324)	0.49693 (06060324)	0.51551 (06060324)	0.52371 (06060324)
3758081.3	0.43607 (06060324)	0.47073 (06060324)	0.49772 (06060324)	0.51661 (06060324)	0.52505 (06060324)
3758051.3	0.43615 (06060324)	0.47117 (06060324)	0.49851 (06060324)	0.51770 (06060324)	0.52640 (06060324)
3758021.3	0.43624 (06060324)	0.47158 (06060324)	0.49931 (06060324)	0.51877 (06060324)	0.52777 (06060324)
3757991.3	0.43633 (06060324)	0.47198 (06060324)	0.50012 (06060324)	0.51983 (06060324)	0.52914 (06060324)
3757961.3	0.43642 (06060324)	0.47236 (06060324)	0.50093 (06060324)	0.52088 (06060324)	0.53052 (06060324)
3757931.3	0.43652 (06060324)	0.47273 (06060324)	0.50175 (06060324)	0.52194 (06060324)	0.53192 (06060324)
3757901.3	0.43660 (06060324)	0.47311 (06060324)	0.50257 (06060324)	0.52300 (06060324)	0.53332 (06060324)
3757871.3	0.43665 (06060324)	0.47350 (06060324)	0.50339 (06060324)	0.52407 (06060324)	0.53473 (06060324)
3757841.3	0.43668 (06060324)	0.47388 (06060324)	0.50420 (06060324)	0.52515 (06060324)	0.53615 (06060324)
3757811.3	0.43668 (06060324)	0.47427 (06060324)	0.50498 (06060324)	0.52624 (06060324)	0.53758 (06060324)
3757781.3	0.43666 (06060324)	0.47467 (06060324)	0.50575 (06060324)	0.52734 (06060324)	0.53899 (06060324)
3757751.3	0.43660 (06060324)	0.47507 (06060324)	0.50650 (06060324)	0.52844 (06060324)	0.54040 (06060324)
3757721.3	0.43652 (06060324)	0.47547 (06060324)	0.50723 (06060324)	0.52955 (06060324)	0.54179 (06060324)
3757691.3	0.43643 (06060324)	0.47587 (06060324)	0.50793 (06060324)	0.53067 (06060324)	0.54318 (06060324)
3757661.3	0.43634 (06060324)	0.47628 (06060324)	0.50864 (06060324)	0.53180 (06060324)	0.54456 (06060324)
3757631.3	0.43864 (07050924)	0.47668 (06060324)	0.50935 (06060324)	0.53294 (06060324)	0.54594 (06060324)
3757601.3	0.44107 (07050924)	0.47705 (06060324)	0.51006 (06060324)	0.53409 (06060324)	0.54732 (06060324)
3757571.3	0.44353 (07050924)	0.47739 (06060324)	0.51078 (06060324)	0.53525 (06060324)	0.54871 (06060324)
3757541.3	0.44600 (07050924)	0.47771 (06060324)	0.51151 (06060324)	0.53640 (06060324)	0.55011 (06060324)
3757511.3	0.44848 (07050924)	0.47801 (06060324)	0.51224 (06060324)	0.53753 (06060324)	0.55153 (06060324)
3757481.3	0.45096 (07050924)	0.47828 (06060324)	0.51298 (06060324)	0.53865 (06060324)	0.55295 (06060324)
3757451.3	0.45346 (07050924)	0.47852 (06060324)	0.51372 (06060324)	0.53975 (06060324)	0.55439 (06060324)
3757421.3	0.45598 (07050924)	0.47876 (06060324)	0.51447 (06060324)	0.54084 (06060324)	0.55584 (06060324)
3757391.3	0.45852 (07050924)	0.47998 (07050924)	0.51522 (06060324)	0.54191 (06060324)	0.55729 (06060324)
3757361.3	0.46109 (07050924)	0.48283 (07050924)	0.51598 (06060324)	0.54297 (06060324)	0.55876 (06060324)
3757331.3	0.46368 (07050924)	0.48569 (07050924)	0.51672 (06060324)	0.54404 (06060324)	0.56025 (06060324)
3757301.3	0.46631 (07050924)	0.48856 (07050924)	0.51743 (06060324)	0.54512 (06060324)	0.56174 (06060324)
3757271.3	0.46897 (07050924)	0.49145 (07050924)	0.51813 (06060324)	0.54620 (06060324)	0.56324 (06060324)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373320.44	373350.44	373380.44	373410.44	373440.44

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3757241.3 |      0.47167 (07050924)      0.49433 (07050924)      0.51880 (06060324)      0.54730 (06060324)      0.56476 (06060324)
3757211.3 |      0.47439 (07050924)      0.49724 (07050924)      0.51945 (06060324)      0.54840 (06060324)      0.56629 (06060324)
3757181.3 |      0.47713 (07050924)      0.50018 (07050924)      0.52177 (07050924)      0.54952 (06060324)      0.56781 (06060324)
3757151.3 |      0.47988 (07050924)      0.50315 (07050924)      0.52506 (07050924)      0.55064 (06060324)      0.56932 (06060324)
3757121.3 |      0.48265 (07050924)      0.50616 (07050924)      0.52835 (07050924)      0.55177 (06060324)      0.57083 (06060324)
3757091.3 |      0.48542 (07050924)      0.50921 (07050924)      0.53166 (07050924)      0.55291 (06060324)      0.57232 (06060324)
3757061.3 |      0.48820 (07050924)      0.51229 (07050924)      0.53499 (07050924)      0.55474 (07050924)      0.57380 (06060324)
3757031.3 |      0.49099 (07050924)      0.51541 (07050924)      0.53835 (07050924)      0.55843 (07050924)      0.57526 (06060324)
3757001.3 |      0.49381 (07050924)      0.51856 (07050924)      0.54175 (07050924)      0.56217 (07050924)      0.57883 (07050924)
3756971.3 |      0.49666 (07050924)      0.52174 (07050924)      0.54519 (07050924)      0.56594 (07050924)      0.58283 (07050924)
*** AERMOD - VERSION 09292 ***     *** Site 17 - PM2.5                                                      ***        10/26/10
                                   ***                                                                      ***        17:26:09
                                                                                                                       PAGE  47
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                                 X-COORD (METERS)
 (METERS) |      372437.24              372558.96              372680.68              372802.40              372924.12
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3751945.8 |      2.48052 (07071924)      3.64192 (06062824)      3.83325 (06062824)      3.30906 (05082524)      3.27267 (05101024)
3751834.1 |      2.29832 (06071424)      2.99203 (07071924)      4.41169 (06062824)      3.97997 (06062824)      3.69958 (05101024)
3751722.5 |      2.79010 (07021124)      2.72557 (06071424)      3.61952 (07071924)      5.26572 (06062824)      4.30326 (05082524)
3751610.9 |      3.24489 (06110124)      3.10132 (07021124)      3.26429 (06071424)      4.38580 (07071924)      6.14373 (06062824)
3751499.2 |      4.58400 (06110124)      4.47743 (06110124)      3.60944 (05030524)      3.95769 (06071424)      5.80161 (06062824)
3751387.6 |      3.90941 (07091324)      4.62632 (06110124)      5.77292 (06110124)      4.28895 (05030524)      4.87712 (06071424)
3751276.0 |      3.57340 (07091324)      4.73103 (07091324)      5.09035 (07091324)      6.80883 (06110124)      6.24172 (06110124)
3751164.4 |      4.53265 (07020624)      4.65840 (07020624)      4.99136 (07020624)      6.56022 (07091324)      7.25386 (06110124)
3751052.7 |      4.38916 (07030624)      5.35958 (07020624)      6.46113 (07020624)      7.81276 (07020624)      9.40978 (07020624)
3750941.1 |      5.01450 (05122624)      5.71312 (05122624)      6.43149 (05122624)      7.66982 (07030624)      9.29744 (07030624)
3750829.5 |      5.75423 (05122624)      6.94751 (05122624)      8.55412 (05122624)     10.75955 (05122624)     13.83035 (05122624)
3750717.8 |      6.54656 (06110924)      7.65061 (06110924)      9.09870 (06110924)     11.24523m(05012424)     15.65264m(05012424)
3750606.2 |      7.42680m(05012424)      9.19118m(05012424)     11.17182m(05012424)     13.09791m(05012424)     16.66428 (06012524)
3750494.6 |      7.66803 (06012524)      9.09501 (06012524)     10.32102 (06012524)     11.45727c(06111824)     14.93941 (05121124)
3750382.9 |      6.70486c(06111824)      7.82404 (06020124)      9.33414 (06020124)     11.47775 (06122024)     14.35025 (07123024)
3750271.3 |      6.91987 (06020124)      8.02725 (06122024)      9.54171 (06111624)     11.07941 (07123024)     14.13420 (05111224)
3750159.7 |      6.64445 (06122024)      8.31122 (06111624)      8.52620 (07123024)     11.33517 (05111224)     12.12553 (05100924)
3750048.1 |      6.77456 (06111624)      7.46641 (05111224)      9.24348 (05111224)      9.53914 (05100924)      9.96951 (05122924)
3749936.4 |      6.65073 (05111224)      7.65525 (05111224)      7.71228 (05100924)      8.08124 (05100924)      8.27548 (05122924)
3749824.8 |      6.43173 (05111224)      6.36978 (05100924)      6.99398 (05100924)      6.98175 (05122924)      5.82762 (06030424)
3749713.2 |      5.35337 (05100924)      6.08999 (05100924)      6.09572 (05060724)      5.48986 (05122924)      4.90045 (05112824)
*** AERMOD - VERSION 09292 ***     *** Site 17 - PM2.5                                                      ***        10/26/10
                                   ***                                                                      ***        17:26:09
                                                                                                                       PAGE  48
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                                 X-COORD (METERS)
 (METERS) |      373045.84              373167.56              373289.28              373411.00              373532.72
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3751945.8 |      4.08099 (06090524)      4.89100 (06090524)      4.06643 (06091124)      3.97087 (06091124)      5.81156 (07050924)
3751834.1 |      3.32750 (06090524)      5.69159 (06090524)      4.79375 (06090524)      4.80859 (06091124)      6.49196 (07050924)
3751722.5 |      4.11429 (05101024)      5.89780 (06090524)      6.23797 (06090524)      5.77683 (06091124)      7.31127 (07050924)
3751610.9 |      4.73250 (05082524)      5.30422 (06090524)      7.83229 (06090524)      6.92115 (06090524)      8.31596 (07050924)
3751499.2 |      6.92979 (06062824)      5.38207 (05101024)      8.96810 (06090524)      9.33638 (06090524)      9.57991 (07050924)
3751387.6 |      7.89998 (06062824)      7.77956 (05082524)      9.14104 (06090524)     12.81548 (06090524)     11.22789 (07050924)
3751276.0 |      6.15634 (06071424)     10.71366 (06062824)      8.35751 (05082524)     16.52074 (06090524)     13.64695 (06091124)
3751164.4 |      9.08510 (06110124)      8.75419m(05010924)     14.47941 (06062824)     19.64516 (06090524)     21.07092 (06090524)
3751052.7 |      9.89170 (07091324)     12.03377 (06110124)     14.35637m(05010924)     22.65811 (06062824)     37.63139 (06090524)
3750941.1 |     12.09634 (07020624)     17.71592 (07020624)     22.92625 (07020624)     38.33610 (05021824)     78.71884 (06090524)
3750829.5 |     18.14030 (05122624)     24.34017 (05122624)     34.46976 (05122624)     76.28007 (07112524)    296.02220 (06121424)
3750717.8 |     21.83901m(05012424)     30.26626m(05012424)     45.79210m(05012424)     85.16407m(05012424)    302.80544 (05120824)
3750606.2 |     20.88876 (06012524)     29.01266 (05121124)     43.72135 (05121124)     64.75234 (05120824)     76.61510 (07081524)
3750494.6 |     19.90386 (05121124)     25.92405 (05110524)     34.03919 (05120824)     32.09859 (06121824)     49.34585 (07081524)
3750382.9 |     18.11544 (05110524)     22.21921 (05100924)     21.59183 (05122924)     21.50373 (06010524)     36.89725 (07081524)
3750271.3 |     15.98884 (05100924)     16.97751 (05122924)     14.82464 (06120424)     15.15328 (05020424)     29.27930 (07081524)
3750159.7 |     12.97768 (05122924)     10.17046 (05122924)     12.06557 (06120424)     11.71672 (05020424)     23.87415 (07081524)
3750048.1 |      9.52113 (05122924)      8.89455 (06120424)      8.89066 (06010524)      8.74848 (06112824)     19.83678 (07081524)
3749936.4 |      6.72641 (05112824)      7.88806 (06120424)      8.08054 (05020424)      7.25841 (05102624)     16.79987 (07081524)
3749824.8 |      5.98003 (06120424)      6.45417 (06120424)      6.95478 (05020424)      6.61019 (07081524)     14.49793 (07081524)
3749713.2 |      5.56988 (06120424)      5.24415 (05020424)      5.73978 (05020424)      6.27379 (07081524)     12.72088 (07081524)
*** AERMOD - VERSION 09292 ***     *** Site 17 - PM2.5                                                      ***        10/26/10
                                   ***                                                                      ***        17:26:09
                                                                                                                       PAGE  49
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                                 X-COORD (METERS)
 (METERS) |      373654.44              373776.16              373897.88              374019.60              374141.32
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3751945.8 |      4.94302 (07083124)      5.85725 (07083124)      5.19782 (07083124)      4.75470 (05052624)      4.62602 (07071524)
3751834.1 |      5.89131 (07083124)      6.86793 (07083124)      5.48405 (07083124)      5.03080 (05052624)      6.42059 (07071524)
3751722.5 |      7.18238 (07083124)      8.03535 (07083124)      6.30012 (05052624)      5.92270 (07071524)      7.17905 (07071524)
3751610.9 |      8.99000 (07083124)      9.33831 (07083124)      7.53817 (05052624)      8.62982 (07071524)      6.05412 (07071524)
3751499.2 |     11.56338 (07083124)     10.70128 (07083124)      8.40295 (05052624)      9.62071 (07071524)      6.54699 (07092824)
3751387.6 |     15.25901 (07083124)     11.87669 (07083124)     12.40592 (07071524)      7.87261 (07031824)      9.09932 (07092824)
3751276.0 |     20.61126 (07083124)     14.64427 (05052624)     14.17306 (07071524)     12.28700 (07092824)     13.88478 (06101024)
3751164.4 |     28.48725 (07083124)     20.44019 (07071524)     17.67289 (07092824)     21.49826 (06101024)     22.31543 (06101024)
3751052.7 |     41.75834 (07083124)     28.97472 (07031824)     36.59117 (06101024)     29.66829 (06101024)     17.51875 (06052024)
3750941.1 |     79.81491 (07083124)     70.37288 (06101024)     37.71956 (06101024)     24.83177 (05081824)     18.76830 (05081824)
3750829.5 |    288.57133 (07111824)     63.09180 (05102324)     33.36010 (05102324)     20.86328 (05102324)     13.40755 (05102324)
```

Site #17 – Localized $PM_{2.5}$ Concentrations

```
3750717.8 |    261.01626 (07013024)     55.32695 (06051424)     29.93544 (06060724)     20.41012 (06060724)     14.22449 (06060724)
3750606.2 |     62.10177 (07081524)     25.71321 (05012924)     17.44753 (05070424)     12.56204 (07110724)     11.37667 (07110724)
3750494.6 |     36.38061 (07081524)     15.48684 (05061324)     13.07719 (05012924)     11.13153 (06051424)      9.01484 (05070224)
3750382.9 |     26.28441 (07081524)     13.04648 (05120324)      8.72427 (05040924)      8.38599 (05012924)      8.44594 (06051424)
3750271.3 |     20.77976 (07081524)     10.43317 (05120324)      7.41721 (07021324)      6.46918 (07092724)      6.20357 (05082324)
3750159.7 |     17.26146 (07081524)      7.77859 (05120324)      6.61727 (05120324)      5.41845 (07090824)      5.26371 (07092724)
3750048.1 |     14.78050 (07081524)      6.25933 (07120824)      5.86500 (05120324)      4.76027 (07021324)      4.47745 (06071724)
3749936.4 |     12.90632 (07081524)      5.61401 (07120824)      4.80935 (05120324)      4.25015 (05081524)      5.03814 (07090824)
3749824.8 |     11.42237 (07081524)      4.97179 (07120824)      3.90042 (05091724)      4.09981 (05081524)      3.38091 (07090824)
3749713.2 |     10.20996 (07081524)      4.39237 (07120824)      3.87806 (05091724)      3.31465 (05120324)      3.09009 (05081524)
*** AERMOD - VERSION 09292 ***     *** Site 17 - PM2.5                                                      ***        10/26/10
                                   ***                                                                      ***        17:26:09
                                                                                                                       PAGE  50
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                    *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                         ** CONC OF PM2.5    IN MICROGRAMS/M**3                       **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |      374263.04             374384.76             374506.48             374628.20             374749.92
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3751945.8 |      5.61323 (07071524)      3.15384 (07071524)      3.08478 (07092824)      3.75159 (07092824)      2.96496 (07092824)
3751834.1 |      5.02216 (07071524)      3.33408 (07031824)      4.31092 (07092824)      3.59740 (07092824)      3.69546 (06101024)
3751722.5 |      3.83003 (07031824)      4.94194 (07092824)      4.42260 (07092824)      4.50732 (06101024)      5.79923 (06101024)
3751610.9 |      5.66791 (07092824)      5.51551 (07092824)      5.62893 (06101024)      7.14323 (06101024)      7.14358 (06101024)
3751499.2 |      6.99872 (07092824)      7.24898 (06101024)      9.05614 (06101024)      8.86527 (06101024)      7.86295 (06101024)
3751387.6 |      9.73632 (06101024)     11.90185 (06101024)     11.10208 (06101024)      8.92703 (06101024)      6.20429 (06101024)
3751276.0 |     16.20003 (06101024)     13.57613 (06101024)      9.28802 (06101024)      7.00392 (06052024)      5.91093 (05090224)
3751164.4 |     15.43754 (06101024)     10.40212 (06052024)      8.60812 (05090224)      7.98329 (05090224)      7.51377 (05081824)
3751052.7 |     13.50040 (05081824)     12.30186 (05081824)     10.32049 (05081824)      8.23473 (05081824)      6.33558 (05081824)
3750941.1 |     13.39125 (05081824)      9.94991 (06050424)      8.41796 (06050424)      7.15293 (06050424)      6.07238 (06050424)
3750829.5 |      9.68674 (06050424)      7.23005 (06050424)      5.85902 (07051524)      4.90819 (07051524)      4.19391 (07051524)
3750717.8 |     11.19280 (07051524)      9.17058 (07051524)      7.59673 (07051524)      6.37143 (07051524)      5.41298 (07051524)
3750606.2 |      9.29300 (07110724)      7.55872 (06060724)      6.16931 (06060724)      5.17637 (06060724)      4.45339 (07051524)
3750494.6 |      6.59557 (05070224)      6.83158 (07110724)      6.32966 (07110724)      5.27065 (07110724)      4.08158 (07110724)
3750382.9 |      6.27481 (05070224)      5.95853 (05070224)      4.46831 (05070224)      4.38277 (07110724)      4.50310 (07110724)
3750271.3 |      6.38685 (06051424)      5.33573 (06051424)      4.66077 (05070224)      4.24623 (05070224)      3.28361 (05070224)
3750159.7 |      4.81656 (05082324)      5.05972 (05082324)      4.72013 (06051424)      3.38967 (05070224)      3.56128 (05070224)
3750048.1 |      4.16981 (07092724)      3.85517 (05082324)      4.29709 (05082324)      4.02817 (06051424)      3.19529 (06051424)
3749936.4 |      3.61553 (07092724)      3.23377 (07092724)      3.16128 (05082324)      3.67261 (05082324)      3.36421 (06051424)
3749824.8 |      4.67900 (07090824)      3.45225 (07092724)      2.54183 (05012924)      2.66633 (07013024)      3.16032 (05082324)
3749713.2 |      4.38307 (07090824)      3.60509 (07090824)      3.12605 (07092724)      2.17408 (05012924)      2.31406 (07013024)
*** AERMOD - VERSION 09292 ***     *** Site 17 - PM2.5                                                      ***        10/26/10
                                   ***                                                                      ***        17:26:09
                                                                                                                       PAGE  51
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                    *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***

                                         ** CONC OF PM2.5    IN MICROGRAMS/M**3                       **

 Y-COORD  |                          X-COORD (METERS)
 (METERS) |      374871.64
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3751945.8 |      3.08775 (06101024)
3751834.1 |      4.81077 (06101024)
3751722.5 |      5.88667 (06101024)
3751610.9 |      6.62762 (06101024)
3751499.2 |      6.33669 (06101024)
3751387.6 |      5.09556 (06052024)
3751276.0 |      5.88782 (05090224)
3751164.4 |      6.71748 (05081824)
3751052.7 |      4.97708 (06050424)
3750941.1 |      5.14982 (06050424)
3750829.5 |      3.63955 (07051524)
3750717.8 |      4.65585 (07051524)
3750606.2 |      4.07306 (07051524)
3750494.6 |      3.40317 (07090724)
3750382.9 |      4.12341 (07110724)
3750271.3 |      2.93394 (07110724)
3750159.7 |      3.19597 (05070224)
3750048.1 |      2.80022 (05070224)
3749936.4 |      3.02896 (06051424)
3749824.8 |      2.78104 (06051424)
3749713.2 |      2.73924 (05082324)
*** AERMOD - VERSION 09292 ***     *** Site 17 - PM2.5                                                      ***        10/26/10
                                   ***                                                                      ***        17:26:09
                                                                                                                       PAGE  52
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                         ** CONC OF PM2.5    IN MICROGRAMS/M**3                       **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372647.17   3750290.48        8.96686  (06122024)              373224.49   3750294.52       16.72962  (05122924)
       373809.89   3750290.48       10.08487  (05120324)              374411.43   3750290.48        4.72690  (05070224)
       373842.19   3751158.48       18.25735  (07071524)              373822.00   3751416.86       10.69970  (05052624)
       374060.20   3751340.15       10.34600  (07092824)
*** AERMOD - VERSION 09292 ***     *** Site 17 - PM2.5                                                      ***        10/26/10
                                   ***                                                                      ***        17:26:09
                                                                                                                       PAGE  53
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                               *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER   3 YEARS ***
```

Site #17 – Localized $PM_{2.5}$ Concentrations

```
                                ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

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

ALL      1ST HIGHEST VALUE IS     198.30915 AT (  373532.72,  3750829.46,    10.00,    10.00,    0.00)  GC  UCART2
          2ND HIGHEST VALUE IS     190.57969 AT (  373532.72,  3750717.83,    10.00,    10.00,    0.00)  GC  UCART2
          3RD HIGHEST VALUE IS     187.20675 AT (  373654.44,  3750829.46,    10.00,    10.00,    0.00)  GC  UCART2
          4TH HIGHEST VALUE IS     163.17150 AT (  373654.44,  3750717.83,    10.00,    10.00,    0.00)  GC  UCART2
          5TH HIGHEST VALUE IS      29.78018 AT (  373411.00,  3750717.83,    10.00,    10.00,    0.00)  GC  UCART2
          6TH HIGHEST VALUE IS      25.14665 AT (  373654.44,  3750941.09,    10.00,    10.00,    0.00)  GC  UCART2
          7TH HIGHEST VALUE IS      18.93243 AT (  373776.16,  3750829.46,    10.00,    10.00,    0.00)  GC  UCART2
          8TH HIGHEST VALUE IS      18.87453 AT (  373411.00,  3750829.46,    10.00,    10.00,    0.00)  GC  UCART2
          9TH HIGHEST VALUE IS      16.86208 AT (  373776.16,  3750941.09,    10.00,    10.00,    0.00)  GC  UCART2
         10TH HIGHEST VALUE IS      16.60139 AT (  373411.00,  3750606.20,    10.00,    10.00,    0.00)  GC  UCART2


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                          ***        10/26/10
                                   ***                                                          ***        17:26:09
                                                                                                           PAGE  54
 **MODELOPTs:  NonDFAULT CONC                                FLAT
                                                             NODRYDPLT NOWETDPLT

                                          *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

                                ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

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

ALL      HIGH  1ST HIGH VALUE IS     302.80544  ON 05120824: AT (  373532.72,  3750717.83,    10.00,    10.00,    0.00)  GC  UCART2


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Site 17 - PM2.5                                          ***        10/26/10
                                   ***                                                          ***        17:26:09
                                                                                                           PAGE  55
 **MODELOPTs:  NonDFAULT CONC                                FLAT
                                                             NODRYDPLT NOWETDPLT

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            0 Warning Message(s)
 A Total of          152 Informational Message(s)

 A Total of        26280 Hours Were Processed

 A Total of           15 Calm Hours Identified

 A Total of          137 Missing Hours Identified (  0.52 Percent)


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


    ********   WARNING MESSAGES   ********
               ***  NONE  ***


    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

Title   : Crenshaw - Operational Emissions (PM10)
Version : Emfac2007 V2.3 Nov 1 2006
Run Date : 2008/09/03 10:45:48
Scen Year: 2030 -- All model years in the range 1986 to 2030 selected
Season   : Annual
Area   : Los Angeles (SC)

****

Year: 2030 -- Model Years 1986 to 2030 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Total Organic Gases Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.021	0.040	0.058	0.314	0.553	2.387	0.060

Pollutant Name: Carbon Monoxide Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.670	1.228	1.397	1.552	4.086	15.388	1.059

Pollutant Name: Oxides of Nitrogen Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.046	0.099	0.185	2.425	7.416	1.039	0.230

Pollutant Name: Sulfur Dioxide Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.004	0.005	0.007	0.017	0.017	0.002	0.005

Pollutant Name: PM10 Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.015	0.035	0.035	0.103	0.158	0.016	0.029

Pollutant Name: PM10 - Tire Wear Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.008	0.008	0.009	0.025	0.010	0.004	0.009

Pollutant Name: PM10 - Brake Wear Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.013	0.013	0.013	0.021	0.013	0.006	0.013

Title   : Crenshaw - Operational Emissions (PM2.5)
Version : Emfac2007 V2.3 Nov 1 2006
Run Date : 2008/09/03 10:48:07
Scen Year: 2030 -- All model years in the range 1986 to 2030 selected
Season   : Annual
Area   : Los Angeles (SC)
****

Year: 2030 -- Model Years 1986 to 2030 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Total Organic Gases Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.021	0.040	0.058	0.314	0.553	2.387	0.060

Pollutant Name: Carbon Monoxide Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.670	1.228	1.397	1.552	4.086	15.388	1.059

Pollutant Name: Oxides of Nitrogen Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.046	0.099	0.185	2.425	7.416	1.039	0.230

Pollutant Name: Sulfur Dioxide Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.004	0.005	0.007	0.017	0.017	0.002	0.005

Pollutant Name: PM2.5 Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.014	0.032	0.032	0.095	0.146	0.012	0.027

Pollutant Name: PM2.5 - Tire Wear Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.002	0.002	0.002	0.006	0.002	0.001	0.002

Pollutant Name: PM2.5 - Brake Wear Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.005	0.005	0.005	0.009	0.005	0.003	0.006

Site #22 – Localized CO Concentrations

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 22\CO.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Site 22 - CO
   MODELOPT  CONC NODRYDPLT NOWETDPLT FLAT
   AVERTIME 1 8
   URBANOPT 9862049
   POLLUTID CO
   RUNORNOT RUN
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1 VOLUME 372838.811 3751633.015 0.0
** DESCRSRC Equipment
** Source Parameters **
   SRCPARAM VOL1 0.1118 4.100 27.674 1.163
   URBANSRC VOL1
   CONCUNIT 873.2 GRAMS/SEC PPM
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                  XYINC 371513.98 21 138.69 3750177.52 21 129.19
   GRIDCART UCART1 END
** DESCRREC "" ""
   DISCCART    372687.37   3751957.29
   DISCCART    372914.88   3751945.62
   DISCCART    373051.97   3751954.38
   DISCCART    373154.06   3752021.46
   DISCCART    373279.49   3752047.71
   DISCCART    372652.37   3751356.42
   DISCCART    372789.46   3751359.34
   DISCCART    372909.05   3751359.34
   DISCCART    372911.97   3751496.43
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
   PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   PROFBASE 10 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST CO.AD\01H1GALL.PLT
   PLOTFILE 8 ALL 1ST CO.AD\08H1GALL.PLT
OU FINISHED

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

 *** AERMOD - VERSION 09292 ***    *** Site 22 - CO                                                    ***        10/26/10
                                   ***                                                                 ***        17:49:43
                                                                                                                  PAGE   1
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for     1 Source(s),
   for Total of    1 Urban Area(s):
```

Site #22 – Localized CO Concentrations

```
  Urban Population =   9862049.0 ;  Urban Roughness Length =  1.000 m

**Model Allows User-Specified Options:
       1. Stack-tip Downwash.
       2. Model Assumes Receptors on FLAT Terrain.
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.
       6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

**This Run Includes:      1 Source(s);       1 Source Group(s); and     450 Receptor(s)

**The Model Assumes A Pollutant Type of:  CO

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

**Output Options Selected:
        Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
        Model Outputs External File(s) of High Values for Plotting (PLOTFILE 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) =    10.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                           ;  Emission Rate Unit Factor =    873.20
                 Output Units   = PPM

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

*** AERMOD - VERSION 09292 ***    *** Site 22 - CO                                                          ***        10/26/10
                                  ***                                                                       ***        17:49:43
                                                                                                                       PAGE   2
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                                *** VOLUME SOURCE DATA ***

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

  VOL1          0   0.11180E+00  372838.8 3751633.0    10.0     4.10    27.67     1.16     YES
*** AERMOD - VERSION 09292 ***    *** Site 22 - CO                                                          ***        10/26/10
                                  ***                                                                       ***        17:49:43
                                                                                                                       PAGE   3
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                             *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                            SOURCE IDs


 ALL       VOL1    ,
*** AERMOD - VERSION 09292 ***    *** Site 22 - CO                                                          ***        10/26/10
                                  ***                                                                       ***        17:49:43
                                                                                                                       PAGE   4
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                         *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                           *** X-COORDINATES OF GRID ***
                                                    (METERS)

     371514.0,  371652.7,  371791.4,  371930.1,  372068.7,  372207.4,  372346.1,  372484.8,  372623.5,  372762.2,
     372900.9,  373039.6,  373178.3,  373317.0,  373455.6,  373594.3,  373733.0,  373871.7,  374010.4,  374149.1,
     374287.8,

                                           *** Y-COORDINATES OF GRID ***
                                                    (METERS)

    3750177.5, 3750306.7, 3750435.9, 3750565.1, 3750694.3, 3750823.5, 3750952.7, 3751081.9, 3751211.0, 3751340.2,
    3751469.4, 3751598.6, 3751727.8, 3751857.0, 3751986.2, 3752115.4, 3752244.6, 3752373.8, 3752502.9, 3752632.1,
    3752761.3,
*** AERMOD - VERSION 09292 ***    *** Site 22 - CO                                                          ***        10/26/10
                                  ***                                                                       ***        17:49:43
                                                                                                                       PAGE   5
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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

   ( 372687.4, 3751957.3,      10.0,      10.0,       0.0);         ( 372914.9, 3751945.6,      10.0,      10.0,       0.0);
   ( 373052.0, 3751954.4,      10.0,      10.0,       0.0);         ( 373154.1, 3752021.5,      10.0,      10.0,       0.0);
   ( 373279.5, 3752047.7,      10.0,      10.0,       0.0);         ( 372652.4, 3751356.4,      10.0,      10.0,       0.0);
   ( 372789.5, 3751359.3,      10.0,      10.0,       0.0);         ( 372909.0, 3751359.3,      10.0,      10.0,       0.0);
   ( 372912.0, 3751496.4,      10.0,      10.0,       0.0);
*** AERMOD - VERSION 09292 ***    *** Site 22 - CO                                                          ***        10/26/10
                                  ***                                                                       ***        17:49:43
                                                                                                                       PAGE   6
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                           *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                        (1=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
```

Site #22 – Localized CO Concentrations

```
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

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


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

                                                1.54,   3.09,   5.14,   8.23,  10.80,
*** AERMOD - VERSION 09292 ***    *** Site 22 - CO                                                                ***       10/26/10
                                  ***                                                                             ***       17:49:43
                                                                                                                            PAGE   7
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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

  Surface file:   L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC    Met Version:  06341
  Profile file:   L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL
  Surface format: FREE
  Profile format: FREE
  Surface station no.:       0                Upper air station no.:     3190
                Name: UNKNOWN                                 Name: UNKNOWN
                Year:   2005                                  Year:   2005

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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 05 01 01   1 01   -3.3  0.062 -9.000 -9.000 -999.   35.      6.5  0.26   1.00   1.00    1.10   52.    9.1  282.5    5.5
 05 01 01   1 02   -3.9  0.073 -9.000 -9.000 -999.   45.      8.9  0.26   1.00   1.00    1.30   51.    9.1  282.0    5.5
 05 01 01   1 03   -2.7  0.056 -9.000 -9.000 -999.   30.      5.9  0.26   1.00   1.00    1.00   48.    9.1  281.4    5.5
 05 01 01   1 04   -2.3  0.056 -9.000 -9.000 -999.   30.      6.8  0.26   1.00   1.00    1.00   52.    9.1  280.9    5.5
 05 01 01   1 05   -2.8  0.062 -9.000 -9.000 -999.   35.      7.5  0.26   1.00   1.00    1.10   62.    9.1  281.4    5.5
 05 01 01   1 06   -5.3  0.078 -9.000 -9.000 -999.   51.      8.2  0.26   1.00   1.00    1.40   64.    9.1  280.9    5.5
 05 01 01   1 07   -3.9  0.067 -9.000 -9.000 -999.   40.      7.0  0.26   1.00   1.00    1.20   55.    9.1  280.4    5.5
 05 01 01   1 08   -4.9  0.078 -9.000 -9.000 -999.   51.      8.8  0.26   1.00   0.53    1.40   76.    9.1  280.9    5.5
 05 01 01   1 09   45.2  0.282  0.524  0.005  115.  344.    -44.6  0.26   1.00   0.30    2.20   78.    9.1  283.1    5.5
 05 01 01   1 10  114.4  0.293  1.397  0.005  862.  365.    -19.9  0.26   1.00   0.22    2.10   83.    9.1  284.9    5.5
 05 01 01   1 11  139.9  0.299  1.673  0.010 1212.  376.    -17.3  0.26   1.00   0.19    2.10   80.    9.1  287.0    5.5
 05 01 01   1 12   15.0  0.122  0.797  0.010 1215.  125.    -10.8  0.26   1.00   0.18    0.80   30.    9.1  287.0    5.5
 05 01 01   1 13   28.1  0.223  0.983  0.010 1221.  241.    -35.4  0.26   1.00   0.18    1.70  184.    9.1  287.0    5.5
 05 01 01   1 14   17.9  0.256  0.847  0.009 1225.  298.    -84.4  0.26   1.00   0.19    2.10  201.    9.1  287.0    5.5
 05 01 01   1 15    4.2  0.231  0.521  0.009 1226.  256.   -268.6  0.26   1.00   0.22    2.00  205.    9.1  286.4    5.5
 05 01 01   1 16    0.1  0.180  0.151  0.009 1226.  176.  -5231.4  0.26   1.00   0.31    1.60  211.    9.1  286.4    5.5
 05 01 01   1 17   -1.7  0.045 -9.000 -9.000 -999.   46.      4.9  0.26   1.00   0.57    0.80  216.    9.1  285.9    5.5
 05 01 01   1 18   -0.6  0.028 -9.000 -9.000 -999.   11.      3.4  0.26   1.00   1.00    0.50   38.    9.1  285.4    5.5
 05 01 01   1 19   -0.4  0.022 -9.000 -9.000 -999.    8.      2.8  0.26   1.00   1.00    0.40  261.    9.1  284.9    5.5
 05 01 01   1 20   -0.4  0.022 -9.000 -9.000 -999.    8.      2.8  0.26   1.00   1.00    0.40  337.    9.1  284.9    5.5
 05 01 01   1 21   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80   12.    9.1  284.9    5.5
 05 01 01   1 22   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80  360.    9.1  284.9    5.5
 05 01 01   1 23   -1.9  0.050 -9.000 -9.000 -999.   26.      6.2  0.26   1.00   1.00    0.90   46.    9.1  284.2    5.5
 05 01 01   1 24   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80   12.    9.1  284.2    5.5


First hour of profile data
YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
05 01 01 01    5.5 0 -999.  -99.00   282.6   99.0  -99.00  -99.00
05 01 01 01    9.1 1   52.    1.10  -999.0   99.0  -99.00  -99.00

F indicates top of profile (=1) or below (=0)
*** AERMOD - VERSION 09292 ***    *** Site 22 - CO                                                                ***       10/26/10
                                  ***                                                                             ***       17:49:43
                                                                                                                            PAGE   8
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                      **

 Y-COORD  |                                                  X-COORD (METERS)
 (METERS) |       371513.98              371652.67              371791.36              371930.05              372068.74
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3752761.3 |      0.00652 (05010409)      0.00481 (05010409)      0.00651 (06090407)      0.00966 (06090407)      0.00625 (06090407)
3752632.1 |      0.00589 (07090907)      0.00709 (05010409)      0.00530 (05010409)      0.00804 (06090407)      0.01023 (06090407)
3752502.9 |      0.00906 (07090907)      0.00751 (07090907)      0.00774 (05010409)      0.00592 (05010409)      0.00994 (06090407)
3752373.8 |      0.00670 (07090907)      0.00969 (07090907)      0.00945 (07090907)      0.00845 (05010409)      0.00669 (05010409)
3752244.6 |      0.00273 (06090102)      0.00508 (07090907)      0.00942 (07090907)      0.01151 (07090907)      0.00920 (05010409)
3752115.4 |      0.00276 (06121509)      0.00347 (06090102)      0.00382 (06090102)      0.00776 (07090907)      0.01305 (07090907)
3751986.2 |      0.00325 (06100301)      0.00376 (06121509)      0.00385 (06121509)      0.00481 (06090102)      0.00587 (06090102)
3751857.0 |      0.00324 (07091603)      0.00392 (07091603)      0.00451 (07091603)      0.00554 (06100301)      0.00649 (06120524)
3751727.8 |      0.00378 (07110908)      0.00388 (07110908)      0.00465 (07081605)      0.00570 (07081605)      0.00692 (07081605)
3751598.6 |      0.00590 (07110908)      0.00635 (07110908)      0.00688 (07110908)      0.00752 (07110908)      0.00830 (07110908)
3751469.4 |      0.00548 (06070206)      0.00633 (06070206)      0.00708 (06070206)      0.00751 (06070206)      0.00802 (07082903)
3751340.2 |      0.00439 (06041307)      0.00505 (06041307)      0.00510 (06041307)      0.00560 (07030608)      0.00773 (07030608)
3751211.0 |      0.00392 (07030608)      0.00535 (07030608)      0.00637 (07030608)      0.00611 (07030608)      0.00595 (06111722)
3751081.9 |      0.00536 (07030608)      0.00496 (07030608)      0.00403 (06111722)      0.00620 (06053107)      0.01048 (07070106)
3750952.7 |      0.00316 (07030608)      0.00450 (06110508)      0.00649 (06053107)      0.01035 (07070106)      0.01404 (07070106)
3750823.5 |      0.00460 (06053107)      0.00628 (06053107)      0.00999 (07070106)      0.01242 (07070106)      0.00892 (07070106)
3750694.3 |      0.00583 (07070106)      0.00955 (07070106)      0.01116 (07070106)      0.00826 (07070106)      0.00622 (06090207)
3750565.1 |      0.00908 (07070106)      0.01013 (07070106)      0.00769 (07070106)      0.00642 (06090207)      0.00316 (05050324)
3750435.9 |      0.00929 (07070106)      0.00718 (07070106)      0.00638 (06090207)      0.00302 (06090207)      0.00471 (06090107)
3750306.7 |      0.00673 (07070106)      0.00619 (06090207)      0.00359 (06090207)      0.00345 (07091007)      0.00553 (06090107)
3750177.5 |      0.00592 (06090207)      0.00399 (06090207)      0.00235 (07091007)      0.00453 (06090107)      0.00459 (06090107)
*** AERMOD - VERSION 09292 ***    *** Site 22 - CO                                                                ***       10/26/10
                                  ***                                                                             ***       17:49:43
                                                                                                                            PAGE   9
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF CO       IN PPM                                      **
```

Site #22 – Localized CO Concentrations

Y-COORD (METERS)	X-COORD (METERS) 372207.43	372346.12	372484.81	372623.50	372762.19
3752761.3	0.00802 (06042607)	0.01027 (06090607)	0.00735 (06090607)	0.00380 (05052102)	0.00420 (05082924)
3752632.1	0.00672 (06042607)	0.00823 (06090607)	0.01068 (06090607)	0.00392 (05052102)	0.00492 (05082924)
3752502.9	0.01001 (06090407)	0.00948 (06042607)	0.01295 (06090607)	0.00465 (06090607)	0.00596 (07090806)
3752373.8	0.01221 (06090407)	0.00845 (06090407)	0.01170 (06090607)	0.00908 (06090607)	0.00746 (07090806)
3752244.6	0.00769 (05010409)	0.01454 (06090407)	0.01167 (06042607)	0.01507 (06090607)	0.00958 (07072704)
3752115.4	0.01089 (07090907)	0.00907 (05010409)	0.01579 (06090407)	0.01774 (06090607)	0.01237 (05052102)
3751986.2	0.01260 (07090907)	0.01574 (07090907)	0.01321 (06090407)	0.01581 (05082505)	0.01647 (05052102)
3751857.0	0.00706 (06090102)	0.01069 (06090102)	0.02106 (07090907)	0.02181 (05082506)	0.03020 (07062501)
3751727.8	0.00848 (05042101)	0.01232 (07091603)	0.01797 (06100301)	0.02922 (06090102)	0.06012 (06090407)
3751598.6	0.00927 (07110908)	0.01146 (06111920)	0.01788 (07091002)	0.03461 (07082903)	0.08210 (06060203)
3751469.4	0.00914 (07082903)	0.01106 (05101822)	0.01656 (07012320)	0.03032 (07070106)	0.04213 (07072705)
3751340.2	0.00804 (07012320)	0.01036 (05043001)	0.02351 (07070106)	0.01735 (05083004)	0.02213 (06041123)
3751211.0	0.01010 (07070106)	0.01914 (07070106)	0.01239 (06090207)	0.01435 (07072705)	0.01646 (07081701)
3751081.9	0.01618 (07070106)	0.01129 (06090207)	0.01002 (07070203)	0.01100 (06090606)	0.01130 (07081701)
3750952.7	0.01000 (06090207)	0.00585 (05050324)	0.00781 (06041124)	0.00774 (05042905)	0.00822 (07042623)
3750823.5	0.00563 (06090207)	0.00734 (06090107)	0.00794 (07032008)	0.00621 (06041123)	0.00753 (06082207)
3750694.3	0.00482 (07091007)	0.00628 (06090107)	0.00576 (07032008)	0.00489 (07081701)	0.00722 (06082207)
3750565.1	0.00633 (06090107)	0.00661 (05102108)	0.00522 (06061607)	0.00482 (07081701)	0.00684 (06082207)
3750435.9	0.00529 (06090107)	0.00579 (07032008)	0.00445 (06061607)	0.00438 (07081701)	0.00646 (06082207)
3750306.7	0.00567 (05102108)	0.00442 (06072607)	0.00355 (06061607)	0.00376 (07081701)	0.00609 (06082207)
3750177.5	0.00536 (07032008)	0.00421 (06061607)	0.00292 (06070106)	0.00312 (07081701)	0.00573 (06082207)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372900.88	373039.57	373178.26	373316.95	373455.64
3752761.3	0.00408 (07042507)	0.00369 (07040123)	0.00328 (07122005)	0.00521 (05082807)	0.01047 (05082807)
3752632.1	0.00471 (07091802)	0.00409 (06082107)	0.00457 (07062524)	0.00931 (05082807)	0.00969 (05082807)
3752502.9	0.00580 (07091802)	0.00477 (06082107)	0.00537 (07062524)	0.01248 (05082807)	0.00572 (05082807)
3752373.8	0.00725 (07091802)	0.00619 (07122005)	0.01065 (05082807)	0.01067 (05082807)	0.00428 (06090306)
3752244.6	0.00920 (07091802)	0.00861 (07062524)	0.01565 (05082807)	0.00550 (07070124)	0.00601 (06102522)
3752115.4	0.01229 (07040123)	0.01215 (05082807)	0.01122 (05082807)	0.00818 (06102522)	0.01538 (05082707)
3751986.2	0.01736 (07040123)	0.02143 (05082807)	0.01233 (06090306)	0.02122 (05082707)	0.01632 (05082707)
3751857.0	0.02773 (07062524)	0.02211 (06090306)	0.02818 (05082707)	0.01152 (05082707)	0.00837 (07112919)
3751727.8	0.06390 (05082807)	0.03131 (07072804)	0.01680 (05071903)	0.01259 (05091722)	0.00918 (05091722)
3751598.6	0.09983 (07091107)	0.02997 (05070723)	0.01878 (06112321)	0.01343 (06112321)	0.01015 (06112321)
3751469.4	0.04316 (06053105)	0.02890 (07062901)	0.01751 (07082904)	0.01235 (07081802)	0.01128 (07031508)
3751340.2	0.02219 (07103023)	0.03038 (07090807)	0.01493 (07062901)	0.01327 (07091107)	0.00838 (07082904)
3751211.0	0.01295 (07103023)	0.01516 (05102308)	0.01912 (07090807)	0.01153 (06081607)	0.01113 (07091107)
3751081.9	0.00935 (05042102)	0.01061 (07051822)	0.02012 (07090807)	0.01101 (07090807)	0.00990 (06081607)
3750952.7	0.00768 (05042102)	0.00746 (05091702)	0.01130 (05102308)	0.01795 (07090807)	0.00772 (06081607)
3750823.5	0.00638 (05042102)	0.00610 (05091702)	0.00859 (05102308)	0.01412 (07090807)	0.01343 (07090807)
3750694.3	0.00536 (05042102)	0.00517 (07103023)	0.00533 (07051822)	0.00902 (05102308)	0.01479 (07090807)
3750565.1	0.00456 (05042102)	0.00422 (07103023)	0.00400 (07051822)	0.00795 (05102308)	0.01051 (07090807)
3750435.9	0.00392 (05042102)	0.00329 (07103023)	0.00359 (05091702)	0.00529 (05102308)	0.00752 (05102308)
3750306.7	0.00340 (05042102)	0.00261 (06052407)	0.00317 (05091702)	0.00335 (07051822)	0.00718 (05102308)
3750177.5	0.00298 (05042102)	0.00234 (06052407)	0.00275 (07103023)	0.00271 (07051822)	0.00546 (05102308)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 373594.33	373733.02	373871.71	374010.40	374149.09
3752761.3	0.00613 (05082807)	0.00208 (07081607)	0.00276 (06090306)	0.00261 (06102522)	0.00485 (07043007)
3752632.1	0.00302 (07070124)	0.00322 (06090306)	0.00309 (06102522)	0.00554 (07043007)	0.00897 (05082707)
3752502.9	0.00374 (06090306)	0.00374 (06102522)	0.00646 (05082707)	0.01086 (05082707)	0.01175 (05082707)
3752373.8	0.00465 (06102522)	0.00845 (05082707)	0.01303 (05082707)	0.01219 (05082707)	0.00801 (05082707)
3752244.6	0.01128 (05082707)	0.01525 (05082707)	0.01166 (05082707)	0.00613 (05082707)	0.00580 (06081407)
3752115.4	0.01685 (05082707)	0.00968 (05082707)	0.00684 (06081407)	0.00615 (06081407)	0.00462 (06073107)
3751986.2	0.00843 (06081407)	0.00703 (06081407)	0.00527 (06073107)	0.00378 (06073107)	0.00278 (07031509)
3751857.0	0.00534 (06073107)	0.00509 (05071903)	0.00457 (05071903)	0.00394 (05091722)	0.00345 (05091722)
3751727.8	0.00698 (06090106)	0.00569 (07072605)	0.00471 (06061524)	0.00407 (06061524)	0.00353 (06061524)
3751598.6	0.00798 (06112321)	0.00646 (06112321)	0.00535 (06112321)	0.00451 (06112321)	0.00414 (07092707)
3751469.4	0.01122 (07031508)	0.00965 (07031508)	0.00771 (07031508)	0.00593 (07031508)	0.00448 (07031508)
3751340.2	0.00644 (07081201)	0.00547 (07081802)	0.00672 (07031508)	0.00767 (07031508)	0.00776 (07031508)
3751211.0	0.00810 (07091107)	0.00516 (07082904)	0.00425 (07081201)	0.00375 (07081802)	0.00332 (07031508)
3751081.9	0.00831 (07091107)	0.00889 (07091107)	0.00505 (07091107)	0.00360 (07082904)	0.00302 (07081201)
3750952.7	0.00871 (06081607)	0.00599 (07091107)	0.00825 (07091107)	0.00638 (07091107)	0.00331 (07091107)
3750823.5	0.00739 (06081607)	0.00780 (06081607)	0.00443 (05021408)	0.00703 (07091107)	0.00682 (07091107)
3750694.3	0.00942 (07090807)	0.00701 (06081607)	0.00708 (06081607)	0.00399 (05021408)	0.00573 (07091107)
3750565.1	0.01302 (07090807)	0.00647 (07090807)	0.00662 (06081607)	0.00649 (06081607)	0.00359 (05021408)
3750435.9	0.01197 (07090807)	0.01047 (07090807)	0.00444 (07090807)	0.00625 (06081607)	0.00600 (06081607)
3750306.7	0.00817 (07090807)	0.01166 (07090807)	0.00803 (07090807)	0.00355 (06081607)	0.00591 (06081607)
3750177.5	0.00645 (05102308)	0.00975 (07090807)	0.01033 (07090807)	0.00601 (07090807)	0.00366 (06081607)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Site #22 – Localized CO Concentrations

Y-COORD (METERS)	X-COORD (METERS) 374287.78
3752761.3	0.00739 (05082707)
3752632.1	0.01080 (05082707)
3752502.9	0.00916 (05082707)
3752373.8	0.00430 (06081407)
3752244.6	0.00544 (06081407)
3752115.4	0.00401 (06073107)
3751986.2	0.00267 (05071903)
3751857.0	0.00291 (05091722)
3751727.8	0.00308 (06061524)
3751598.6	0.00385 (07092707)
3751469.4	0.00336 (07031508)
3751340.2	0.00727 (07031508)
3751211.0	0.00452 (07031508)
3751081.9	0.00263 (07081201)
3750952.7	0.00269 (07082904)
3750823.5	0.00452 (07091107)
3750694.3	0.00658 (07091107)
3750565.1	0.00456 (07091107)
3750435.9	0.00342 (06081607)
3750306.7	0.00559 (06081607)
3750177.5	0.00560 (06081607)

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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN PPM **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372687.37	3751957.29	0.02159	(06090607)	372914.88	3751945.62	0.01819	(07122005)
373051.97	3751954.38	0.01887	(05082807)	373154.06	3752021.46	0.01027	(06090306)
373279.49	3752047.71	0.00962	(06102522)	372652.37	3751356.42	0.02194	(07070203)
372789.46	3751359.34	0.02700	(07081701)	372909.05	3751359.34	0.02365	(05091702)
372911.97	3751496.43	0.04805	(07081203)				

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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 371513.98	371652.67	371791.36	371930.05	372068.74
3752761.3	0.00082 (05010416)	0.00064 (06053008)	0.00091 (06090408)	0.00132 (06090408)	0.00090 (06090408)
3752632.1	0.00085 (07090908)	0.00089 (05010416)	0.00073 (06053008)	0.00113 (06090408)	0.00141 (06090408)
3752502.9	0.00127 (07090908)	0.00108 (07090908)	0.00097 (05010416)	0.00084 (06053008)	0.00140 (06090408)
3752373.8	0.00101 (07090908)	0.00139 (07090908)	0.00137 (07090908)	0.00106 (05010416)	0.00100 (06053008)
3752244.6	0.00058 (06090808)	0.00086 (07090908)	0.00142 (07090908)	0.00169 (07090908)	0.00120 (07090908)
3752115.4	0.00069 (06060508)	0.00071 (06090808)	0.00085 (06090808)	0.00130 (07090908)	0.00200 (07090908)
3751986.2	0.00073 (06060508)	0.00087 (06060508)	0.00100 (06060508)	0.00108 (06090808)	0.00140 (06090808)
3751857.0	0.00086 (05052808)	0.00097 (06061708)	0.00110 (06061708)	0.00130 (06041108)	0.00162 (06060508)
3751727.8	0.00103 (05122608)	0.00121 (05122608)	0.00145 (05122608)	0.00177 (05122608)	0.00221 (05122608)
3751598.6	0.00099 (05122608)	0.00117 (05122608)	0.00141 (05122608)	0.00174 (05122608)	0.00221 (05122608)
3751469.4	0.00097 (07011708)	0.00114 (07011708)	0.00135 (07011708)	0.00163 (07011708)	0.00204 (05083108)
3751340.2	0.00094 (05083108)	0.00114 (05083108)	0.00136 (05083108)	0.00164 (06103008)	0.00213 (07031308)
3751211.0	0.00096 (05083108)	0.00111 (07031308)	0.00136 (07031308)	0.00178 (06122008)	0.00222 (06110508)
3751081.9	0.00101 (07030608)	0.00120 (06122008)	0.00145 (06122008)	0.00183 (06110508)	0.00242 (06053108)
3750952.7	0.00104 (06122008)	0.00133 (06110508)	0.00142 (06110508)	0.00206 (06053108)	0.00224 (06053108)
3750823.5	0.00116 (06110508)	0.00134 (06053108)	0.00175 (06053108)	0.00188 (07070108)	0.00175 (07070108)
3750694.3	0.00125 (06053108)	0.00149 (06053108)	0.00165 (07070108)	0.00152 (07070108)	0.00128 (05122908)
3750565.1	0.00127 (06053108)	0.00147 (07070108)	0.00135 (07070108)	0.00106 (05122908)	0.00112 (07121308)
3750435.9	0.00133 (07070108)	0.00121 (07070108)	0.00091 (06090208)	0.00088 (07121308)	0.00106 (05112808)
3750306.7	0.00110 (07070108)	0.00087 (06090208)	0.00074 (05122908)	0.00086 (05112808)	0.00093 (05112808)
3750177.5	0.00082 (06090208)	0.00065 (05122908)	0.00071 (07121308)	0.00081 (05112808)	0.00078 (05112808)

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**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 372207.43	372346.12	372484.81	372623.50	372762.19
3752761.3	0.00112 (06042608)	0.00145 (06090608)	0.00109 (06090608)	0.00075 (07020524)	0.00088 (07050908)
3752632.1	0.00098 (06042608)	0.00122 (06090608)	0.00154 (06090608)	0.00085 (07020524)	0.00104 (07050908)
3752502.9	0.00143 (06090408)	0.00137 (06042608)	0.00187 (06090608)	0.00114 (06090508)	0.00124 (05082924)
3752373.8	0.00174 (06090408)	0.00131 (06090408)	0.00178 (06090608)	0.00165 (06090508)	0.00154 (05082924)
3752244.6	0.00122 (06053008)	0.00212 (06090408)	0.00179 (06042608)	0.00240 (06090508)	0.00202 (07020524)
3752115.4	0.00175 (07090908)	0.00177 (07080508)	0.00247 (06090408)	0.00307 (06090508)	0.00282 (07020524)
3751986.2	0.00214 (07090908)	0.00261 (07090908)	0.00294 (07080508)	0.00319 (07071408)	0.00472 (06090508)
3751857.0	0.00195 (06060508)	0.00287 (06090808)	0.00437 (06090808)	0.00606 (07080508)	0.01015 (06090508)
3751727.8	0.00282 (05122608)	0.00369 (05122608)	0.00552 (06060508)	0.01039 (06090808)	0.02201 (07080508)
3751598.6	0.00294 (05122608)	0.00418 (07011108)	0.00666 (07011108)	0.01339 (05012408)	0.04686 (06110508)
3751469.4	0.00275 (05083108)	0.00396 (07022008)	0.00681 (06122008)	0.01208 (06053108)	0.01757 (07121308)
3751340.2	0.00302 (06122008)	0.00401 (06110508)	0.00658 (06053108)	0.00716 (07121308)	0.00744 (06010924)
3751211.0	0.00278 (06053108)	0.00423 (06053108)	0.00417 (05122908)	0.00476 (05112808)	0.00415 (06010924)

Site #22 – Localized CO Concentrations

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3751081.9 |      0.00299 (06053108)      0.00278 (05122908)      0.00325 (05112808)      0.00300 (06011008)      0.00288 (07081508)
3750952.7 |      0.00206 (07070108)      0.00217 (07121308)      0.00240 (05112808)      0.00226 (06010924)      0.00235 (07081508)
3750823.5 |      0.00157 (05122908)      0.00192 (05112808)      0.00176 (06011008)      0.00174 (06010924)      0.00196 (07081508)
3750694.3 |      0.00146 (05112808)      0.00149 (05112808)      0.00139 (06011008)      0.00134 (06010924)      0.00166 (07081508)
3750565.1 |      0.00129 (05112808)      0.00119 (06011008)      0.00117 (06010924)      0.00108 (06012408)      0.00144 (07081508)
3750435.9 |      0.00104 (05112808)      0.00101 (06011008)      0.00099 (06010924)      0.00091 (06012408)      0.00126 (07081508)
3750306.7 |      0.00087 (07032008)      0.00084 (06011008)      0.00084 (06010924)      0.00078 (06012408)      0.00111 (07081508)
3750177.5 |      0.00087 (07032008)      0.00074 (06010924)      0.00071 (06010924)      0.00066 (06012408)      0.00099 (07081508)
*** AERMOD - VERSION 09292 ***    *** Site 22 - CO                                                          ***       10/26/10
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**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372900.88              373039.57              373178.26              373316.95              373455.64
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3752761.3 |      0.00116 (06082908)      0.00123 (07083108)      0.00089 (07083108)      0.00092 (05110224)      0.00145 (05082808)
3752632.1 |      0.00134 (06082908)      0.00142 (07083108)      0.00108 (05110224)      0.00134 (05082808)      0.00137 (05082808)
3752502.9 |      0.00159 (06082908)      0.00163 (07083108)      0.00137 (05110224)      0.00177 (05082808)      0.00102 (07070124)
3752373.8 |      0.00201 (07083108)      0.00186 (07083108)      0.00172 (05110224)      0.00159 (05082808)      0.00126 (06051624)
3752244.6 |      0.00273 (07083108)      0.00227 (05110224)      0.00233 (05082808)      0.00170 (06051624)      0.00150 (05071708)
3752115.4 |      0.00392 (07083108)      0.00332 (05110224)      0.00242 (05092224)      0.00217 (05071708)      0.00247 (05082708)
3751986.2 |      0.00613 (07083108)      0.00460 (05110224)      0.00357 (05071708)      0.00346 (05082708)      0.00249 (05082708)
3751857.0 |      0.01062 (07083108)      0.00734 (05071708)      0.00540 (06042824)      0.00362 (05090224)      0.00294 (05090224)
3751727.8 |      0.02657 (05071708)      0.01236 (07111724)      0.00661 (05090224)      0.00378 (05121424)      0.00252 (07120224)
3751598.6 |      0.05159 (06051408)      0.01332 (07090708)      0.00638c(06072908)      0.00384c(06072908)      0.00259c(06072908)
3751469.4 |      0.01445 (05120308)      0.00862 (05012908)      0.00479 (05070208)      0.00299 (07090708)      0.00234 (07090708)
3751340.2 |      0.00613 (05120308)      0.00460 (07090808)      0.00381 (05012908)      0.00254 (05070208)      0.00204 (05070208)
3751211.0 |      0.00362 (07081424)      0.00359 (05120308)      0.00279 (07090808)      0.00223 (05012908)      0.00175 (07091108)
3751081.9 |      0.00271 (07081508)      0.00259 (05120308)      0.00281 (07090808)      0.00169 (05012908)      0.00150 (06081608)
3750952.7 |      0.00216 (07081508)      0.00183 (05120308)      0.00174 (05102308)      0.00244 (07090808)      0.00123 (05012908)
3750823.5 |      0.00178 (07081508)      0.00132 (05120308)      0.00145 (05120308)      0.00192 (07090808)      0.00182 (07090808)
3750694.3 |      0.00150 (07081508)      0.00102 (07022824)      0.00117 (05120308)      0.00132 (05102308)      0.00197 (07090808)
3750565.1 |      0.00129 (07081508)      0.00084 (07022824)      0.00093 (05120308)      0.00115 (05102308)      0.00142 (07090808)
3750435.9 |      0.00112 (07081508)      0.00070 (07022824)      0.00075 (05120308)      0.00081 (05120308)      0.00107 (05102308)
3750306.7 |      0.00099 (07081508)      0.00060 (07030108)      0.00061 (05120308)      0.00069 (05120308)      0.00101 (05102308)
3750177.5 |      0.00088 (07081508)      0.00054 (07081424)      0.00051 (07011324)      0.00058 (05120308)      0.00078 (05102308)
*** AERMOD - VERSION 09292 ***    *** Site 22 - CO                                                          ***       10/26/10
                                  ***                                                                       ***       17:49:43
                                                                                                                      PAGE  17

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373594.33              373733.02              373871.71              374010.40              374149.09
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3752761.3 |      0.00089 (05082808)      0.00067 (06051624)      0.00064 (05071708)      0.00059 (05071708)      0.00067 (05082708)
3752632.1 |      0.00079 (06051624)      0.00077 (05071708)      0.00071 (05071708)      0.00083 (05082708)      0.00127 (05082708)
3752502.9 |      0.00097 (06051624)      0.00088 (05071708)      0.00105 (05082708)      0.00153 (05082708)      0.00159 (05082708)
3752373.8 |      0.00112 (05071708)      0.00136 (05082708)      0.00183 (05082708)      0.00167 (05082708)      0.00112 (05082708)
3752244.6 |      0.00181 (05082708)      0.00216 (05082708)      0.00164 (05082708)      0.00092 (05082424)      0.00085 (06081408)
3752115.4 |      0.00243 (05082708)      0.00144 (05082708)      0.00115 (07090724)      0.00111 (05090224)      0.00100 (05090224)
3751986.2 |      0.00184 (05090224)      0.00169 (05090224)      0.00142 (05090224)      0.00114 (05090224)      0.00089 (05081824)
3751857.0 |      0.00215 (05090224)      0.00155 (05121424)      0.00124 (05121424)      0.00100 (05121424)      0.00081 (05081724)
3751727.8 |      0.00194 (07120224)      0.00153 (07120224)      0.00124 (07120224)      0.00102 (07120224)      0.00086 (07120224)
3751598.6 |      0.00188c(06072908)      0.00143c(06072908)      0.00115 (07080208)      0.00096 (07080208)      0.00081 (07080208)
3751469.4 |      0.00181 (07090708)      0.00149c(06072908)      0.00123c(06072908)      0.00103c(06072908)      0.00087c(06072908)
3751340.2 |      0.00141 (05070208)      0.00112 (07090708)      0.00101 (07031508)      0.00110 (07031508)      0.00109 (07031508)
3751211.0 |      0.00144 (05070208)      0.00119 (05070208)      0.00090 (05070208)      0.00066 (05070208)      0.00061 (07090708)
3751081.9 |      0.00129 (07091108)      0.00132 (07091108)      0.00094 (05070208)      0.00080 (05070208)      0.00064 (05070208)
3750952.7 |      0.00128 (06081608)      0.00096 (05021408)      0.00119 (07091108)      0.00093 (07091108)      0.00068 (05070208)
3750823.5 |      0.00109 (06081608)      0.00112 (06081608)      0.00083 (05021408)      0.00100 (07091108)      0.00096 (07091108)
3750694.3 |      0.00128 (07090808)      0.00100 (06081608)      0.00100 (06081608)      0.00072 (05021408)      0.00082 (07091108)
3750565.1 |      0.00172 (07090808)      0.00089 (07090808)      0.00093 (06081608)      0.00090 (06081608)      0.00064 (05021408)
3750435.9 |      0.00158 (07090808)      0.00138 (07090808)      0.00062 (07090808)      0.00086 (06081608)      0.00083 (06081608)
3750306.7 |      0.00109 (07090808)      0.00152 (07090808)      0.00106 (07090808)      0.00052 (06081608)      0.00081 (06081608)
3750177.5 |      0.00090 (05102308)      0.00128 (07090808)      0.00135 (07090808)      0.00080 (07090808)      0.00052 (06081608)
*** AERMOD - VERSION 09292 ***    *** Site 22 - CO                                                          ***       10/26/10
                                  ***                                                                       ***       17:49:43
                                                                                                                      PAGE  18

**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF CO       IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       374287.78
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3752761.3 |      0.00105 (05082708)
3752632.1 |      0.00146 (05082708)
3752502.9 |      0.00125 (05082708)
3752373.8 |      0.00068 (05082424)
3752244.6 |      0.00079 (05090224)
3752115.4 |      0.00087 (05090224)
3751986.2 |      0.00076 (05081824)
3751857.0 |      0.00070 (07120224)
3751727.8 |      0.00073 (07120224)
3751598.6 |      0.00070 (07080208)
3751469.4 |      0.00074c(06072908)
3751340.2 |      0.00101 (07031508)
3751211.0 |      0.00066 (07031508)
```

Site #22 – Localized CO Concentrations

```
3751081.9 |      0.00049 (05070208)
3750952.7 |      0.00059 (05070208)
3750823.5 |      0.00066 (07091108)
3750694.3 |      0.00091 (07091108)
3750565.1 |      0.00065 (07091108)
3750435.9 |      0.00056 (05021408)
3750306.7 |      0.00076 (06081608)
3750177.5 |      0.00076 (06081608)
*** AERMOD - VERSION 09292 ***    *** Site 22 - CO                                                    ***        10/26/10
                                  ***                                                                 ***        17:49:43
                                                                                                               PAGE  19
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

                               *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):      VOL1    ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF CO       IN PPM                                  **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372687.37   3751957.29        0.00519  (06090508)              372914.88   3751945.62        0.00689  (07083108)
       373051.97   3751954.38        0.00462  (05092224)              373154.06   3752021.46        0.00333  (06051624)
       373279.49   3752047.71        0.00251  (05071708)              372652.37   3751356.42        0.00829  (07121308)
       372789.46   3751359.34        0.00778  (06010924)              372909.05   3751359.34        0.00701  (05120308)
       372911.97   3751496.43        0.01609  (05120308)
*** AERMOD - VERSION 09292 ***    *** Site 22 - CO                                                    ***        10/26/10
                                  ***                                                                 ***        17:49:43
                                                                                                               PAGE  20
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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


                                      ** CONC OF CO       IN PPM                                  **

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

ALL      HIGH  1ST HIGH VALUE IS      0.09983  ON 07091107: AT (  372900.88,  3751598.61,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Site 22 - CO                                                    ***        10/26/10
                                  ***                                                                 ***        17:49:43
                                                                                                               PAGE  21
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

                                         *** THE SUMMARY OF HIGHEST  8-HR RESULTS ***


                                      ** CONC OF CO       IN PPM                                  **

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

ALL      HIGH  1ST HIGH VALUE IS      0.05159  ON 06051408: AT (  372900.88,  3751598.61,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Site 22 - CO                                                    ***        10/26/10
                                  ***                                                                 ***        17:49:43
                                                                                                               PAGE  22
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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

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

 A Total of           0 Fatal Error Message(s)
 A Total of           0 Warning Message(s)
 A Total of         152 Informational Message(s)

 A Total of       26280 Hours Were Processed

 A Total of          15 Calm Hours Identified

 A Total of         137 Missing Hours Identified (  0.52 Percent)


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


    ********   WARNING MESSAGES   ********
               ***  NONE  ***


    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

Site #22 – Localized NO_2 Concentrations

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 22\NO2.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Site 22 - NO2
   MODELOPT  CONC NODRYDPLT NOWETDPLT FLAT
   AVERTIME 1 ANNUAL
   URBANOPT 9862049 Los_Angeles_County
   POLLUTID NOX
   RUNORNOT RUN
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1 VOLUME 372838.810 3751633.020 0.0
** DESCRSRC Equipment
** Source Parameters **
   SRCPARAM VOL1 0.0794 4.100 27.674 1.163
   URBANSRC VOL1
   CONCUNIT 531.5 GRAMS/SEC PPM
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                  XYINC 371513.98 21 138.69 3750177.52 21 129.19
   GRIDCART UCART1 END
** DESCRREC "" ""
   DISCCART    372687.37   3751957.29
   DISCCART    372914.88   3751945.62
   DISCCART    373051.97   3751954.38
   DISCCART    373154.06   3752021.46
   DISCCART    373279.49   3752047.71
   DISCCART    372652.37   3751356.42
   DISCCART    372789.46   3751359.34
   DISCCART    372909.05   3751359.34
   DISCCART    372911.97   3751496.43
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
   PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   PROFBASE 10 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST NO2.AD\01H1GALL.PLT
   PLOTFILE ANNUAL ALL NO2.AD\AN00GALL.PLT
OU FINISHED

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

 *** AERMOD - VERSION 09292 ***    *** Site 22 - NO2                                                    ***        10/26/10
                                   ***                                                                  ***        17:56:23
                                                                                                                   PAGE   1
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for     1 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9862049.0 ;  Urban Roughness Length =  1.000 m
```

Site #22 – Localized NO_2 Concentrations

```
**Model Allows User-Specified Options:
       1. Stack-tip Downwash.
       2. Model Assumes Receptors on FLAT Terrain.
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.
       6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes:      1 Source(s);       1 Source Group(s); and     450 Receptor(s)

**The Model Assumes A Pollutant Type of:  NOX

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

**Output Options Selected:
        Model Outputs Tables of ANNUAL 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)

**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) =    10.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                           ;  Emission Rate Unit Factor =    531.50
                 Output Units   = PPM

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

*** AERMOD - VERSION 09292 ***    *** Site 22 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        17:56:23
                                                                                                                        PAGE   2
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                                  *** VOLUME SOURCE DATA ***

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

  VOL1          0   0.79400E-01  372838.8 3751633.0    10.0     4.10    27.67     1.16     YES
*** AERMOD - VERSION 09292 ***    *** Site 22 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        17:56:23
                                                                                                                        PAGE   3
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                               *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                            SOURCE IDs


 ALL       VOL1    ,
*** AERMOD - VERSION 09292 ***    *** Site 22 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        17:56:23
                                                                                                                        PAGE   4
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                          *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                     *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                            *** X-COORDINATES OF GRID ***
                                                      (METERS)

      371514.0,  371652.7,  371791.4,  371930.1,  372068.7,  372207.4,  372346.1,  372484.8,  372623.5,  372762.2,
      372900.9,  373039.6,  373178.3,  373317.0,  373455.6,  373594.3,  373733.0,  373871.7,  374010.4,  374149.1,
      374287.8,

                                            *** Y-COORDINATES OF GRID ***
                                                      (METERS)

     3750177.5, 3750306.7, 3750435.9, 3750565.1, 3750694.3, 3750823.5, 3750952.7, 3751081.9, 3751211.0, 3751340.2,
     3751469.4, 3751598.6, 3751727.8, 3751857.0, 3751986.2, 3752115.4, 3752244.6, 3752373.8, 3752502.9, 3752632.1,
     3752761.3,
*** AERMOD - VERSION 09292 ***    *** Site 22 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        17:56:23
                                                                                                                        PAGE   5
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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

    ( 372687.4, 3751957.3,      10.0,      10.0,       0.0);         ( 372914.9, 3751945.6,      10.0,      10.0,       0.0);
    ( 373052.0, 3751954.4,      10.0,      10.0,       0.0);         ( 373154.1, 3752021.5,      10.0,      10.0,       0.0);
    ( 373279.5, 3752047.7,      10.0,      10.0,       0.0);         ( 372652.4, 3751356.4,      10.0,      10.0,       0.0);
    ( 372789.5, 3751359.3,      10.0,      10.0,       0.0);         ( 372909.0, 3751359.3,      10.0,      10.0,       0.0);
    ( 372912.0, 3751496.4,      10.0,      10.0,       0.0);
*** AERMOD - VERSION 09292 ***    *** Site 22 - NO2                                                          ***        10/26/10
                                  ***                                                                        ***        17:56:23
                                                                                                                        PAGE   6
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                          *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                    (1=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
```

Site #22 – Localized NO_2 Concentrations

```
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

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

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

1.54, 3.09, 5.14, 8.23, 10.80,

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

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

Surface file: L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC Met Version: 06341
Profile file: L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 0 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2005 Year: 2005

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
05	01	01	1	01	-3.3	0.062	-9.000	-9.000	-999.	35.	6.5	0.26	1.00	1.00	1.10	52.	9.1	282.5	5.5
05	01	01	1	02	-3.9	0.073	-9.000	-9.000	-999.	45.	8.9	0.26	1.00	1.00	1.30	51.	9.1	282.0	5.5
05	01	01	1	03	-2.7	0.056	-9.000	-9.000	-999.	30.	5.9	0.26	1.00	1.00	1.00	48.	9.1	281.4	5.5
05	01	01	1	04	-2.3	0.056	-9.000	-9.000	-999.	30.	6.8	0.26	1.00	1.00	1.00	52.	9.1	280.9	5.5
05	01	01	1	05	-2.8	0.062	-9.000	-9.000	-999.	35.	7.5	0.26	1.00	1.00	1.10	62.	9.1	281.4	5.5
05	01	01	1	06	-5.3	0.078	-9.000	-9.000	-999.	51.	8.2	0.26	1.00	1.00	1.40	64.	9.1	280.9	5.5
05	01	01	1	07	-3.9	0.067	-9.000	-9.000	-999.	40.	7.0	0.26	1.00	1.00	1.20	55.	9.1	280.4	5.5
05	01	01	1	08	-4.9	0.078	-9.000	-9.000	-999.	51.	8.8	0.26	1.00	0.53	1.40	76.	9.1	280.9	5.5
05	01	01	1	09	45.2	0.282	0.524	0.005	115.	344.	-44.6	0.26	1.00	0.30	2.20	78.	9.1	283.1	5.5
05	01	01	1	10	114.4	0.293	1.397	0.005	862.	365.	-19.9	0.26	1.00	0.22	2.10	83.	9.1	284.9	5.5
05	01	01	1	11	139.9	0.299	1.673	0.010	1212.	376.	-17.3	0.26	1.00	0.19	2.10	80.	9.1	287.0	5.5
05	01	01	1	12	15.0	0.122	0.797	0.010	1215.	125.	-10.8	0.26	1.00	0.18	0.80	30.	9.1	287.0	5.5
05	01	01	1	13	28.1	0.223	0.983	0.010	1221.	241.	-35.4	0.26	1.00	0.18	1.70	184.	9.1	287.0	5.5
05	01	01	1	14	17.9	0.256	0.847	0.009	1225.	298.	-84.4	0.26	1.00	0.19	2.10	201.	9.1	287.0	5.5
05	01	01	1	15	4.2	0.231	0.521	0.009	1226.	256.	-268.6	0.26	1.00	0.22	2.00	205.	9.1	286.4	5.5
05	01	01	1	16	0.1	0.180	0.151	0.009	1226.	176.	-5231.4	0.26	1.00	0.31	1.60	211.	9.1	286.4	5.5
05	01	01	1	17	-1.7	0.045	-9.000	-9.000	-999.	46.	4.9	0.26	1.00	0.57	0.80	216.	9.1	285.9	5.5
05	01	01	1	18	-0.6	0.028	-9.000	-9.000	-999.	11.	3.4	0.26	1.00	1.00	0.50	38.	9.1	285.4	5.5
05	01	01	1	19	-0.4	0.022	-9.000	-9.000	-999.	8.	2.8	0.26	1.00	1.00	0.40	261.	9.1	284.9	5.5
05	01	01	1	20	-0.4	0.022	-9.000	-9.000	-999.	8.	2.8	0.26	1.00	1.00	0.40	337.	9.1	284.9	5.5
05	01	01	1	21	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.9	5.5
05	01	01	1	22	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	360.	9.1	284.9	5.5
05	01	01	1	23	-1.9	0.050	-9.000	-9.000	-999.	26.	6.2	0.26	1.00	1.00	0.90	46.	9.1	284.2	5.5
05	01	01	1	24	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.2	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
05	01	01	01	5.5	0	-999.	-99.00	282.6	99.0	-99.00	-99.00
05	01	01	01	9.1	1	52.	1.10	-999.0	99.0	-99.00	-99.00

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

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS) 371513.98	371652.67	371791.36	371930.05	372068.74	372207.43	372346.12	372484.81	372623.50
3752761.32	0.00002	0.00002	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004	0.00005
3752632.13	0.00002	0.00003	0.00003	0.00003	0.00004	0.00004	0.00005	0.00005	0.00006
3752502.94	0.00002	0.00003	0.00003	0.00004	0.00004	0.00005	0.00006	0.00006	0.00007
3752373.75	0.00003	0.00003	0.00003	0.00004	0.00005	0.00006	0.00007	0.00008	0.00009
3752244.56	0.00003	0.00003	0.00004	0.00005	0.00005	0.00007	0.00008	0.00010	0.00012
3752115.37	0.00003	0.00004	0.00004	0.00005	0.00006	0.00008	0.00010	0.00013	0.00016
3751986.18	0.00003	0.00004	0.00005	0.00006	0.00007	0.00009	0.00012	0.00017	0.00024
3751856.99	0.00004	0.00004	0.00005	0.00007	0.00008	0.00011	0.00015	0.00023	0.00038
3751727.80	0.00004	0.00005	0.00006	0.00007	0.00010	0.00013	0.00019	0.00032	0.00064
3751598.61	0.00004	0.00005	0.00007	0.00008	0.00011	0.00016	0.00024	0.00044	0.00108
3751469.42	0.00005	0.00006	0.00007	0.00009	0.00013	0.00018	0.00029	0.00050	0.00094
3751340.23	0.00005	0.00006	0.00008	0.00010	0.00014	0.00019	0.00028	0.00039	0.00047
3751211.04	0.00006	0.00007	0.00008	0.00011	0.00014	0.00018	0.00022	0.00025	0.00026
3751081.85	0.00006	0.00007	0.00008	0.00010	0.00012	0.00014	0.00016	0.00016	0.00016
3750952.66	0.00006	0.00007	0.00008	0.00009	0.00010	0.00011	0.00011	0.00011	0.00011
3750823.47	0.00005	0.00006	0.00007	0.00008	0.00008	0.00008	0.00009	0.00008	0.00008
3750694.28	0.00005	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007	0.00007	0.00006
3750565.09	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
3750435.90	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
3750306.71	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
3750177.52	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Site #22 – Localized NO_2 Concentrations

```
                                ** CONC OF NOX      IN PPM                                  **

   Y-COORD  |                                        X-COORD (METERS)
   (METERS) |     372762.19    372900.88    373039.57    373178.26    373316.95    373455.64    373594.33    373733.02    373871.71
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3752761.32 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00004
 3752632.13 |       0.00006      0.00007      0.00007      0.00007      0.00006      0.00006      0.00006      0.00006      0.00005
 3752502.94 |       0.00008      0.00008      0.00008      0.00008      0.00008      0.00007      0.00007      0.00007      0.00006
 3752373.75 |       0.00010      0.00011      0.00011      0.00011      0.00010      0.00010      0.00009      0.00008      0.00008
 3752244.56 |       0.00014      0.00015      0.00015      0.00014      0.00014      0.00013      0.00011      0.00010      0.00009
 3752115.37 |       0.00020      0.00023      0.00022      0.00021      0.00019      0.00017      0.00014      0.00012      0.00009
 3751986.18 |       0.00033      0.00039      0.00038      0.00034      0.00028      0.00021      0.00016      0.00012      0.00009
 3751856.99 |       0.00065      0.00086      0.00077      0.00054      0.00034      0.00023      0.00016      0.00011      0.00009
 3751727.80 |       0.00192      0.00379      0.00148      0.00062      0.00033      0.00020      0.00014      0.00010      0.00008
 3751598.61 |       0.00574      0.00443      0.00104      0.00044      0.00025      0.00016      0.00012      0.00009      0.00007
 3751469.42 |       0.00131      0.00100      0.00051      0.00029      0.00019      0.00013      0.00010      0.00008      0.00006
 3751340.23 |       0.00046      0.00041      0.00030      0.00020      0.00014      0.00011      0.00008      0.00006      0.00005
 3751211.04 |       0.00024      0.00022      0.00019      0.00014      0.00011      0.00009      0.00007      0.00006      0.00005
 3751081.85 |       0.00015      0.00014      0.00013      0.00011      0.00009      0.00007      0.00006      0.00005      0.00004
 3750952.66 |       0.00011      0.00010      0.00009      0.00008      0.00007      0.00006      0.00005      0.00004      0.00004
 3750823.47 |       0.00008      0.00008      0.00007      0.00007      0.00006      0.00005      0.00004      0.00004      0.00003
 3750694.28 |       0.00006      0.00006      0.00006      0.00005      0.00005      0.00004      0.00004      0.00003      0.00003
 3750565.09 |       0.00005      0.00005      0.00005      0.00004      0.00004      0.00004      0.00003      0.00003      0.00003
 3750435.90 |       0.00004      0.00004      0.00004      0.00004      0.00003      0.00003      0.00003      0.00003      0.00002
 3750306.71 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00002      0.00002
 3750177.52 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00002      0.00002      0.00002      0.00002
*** AERMOD - VERSION 09292 ***    *** Site 22 - NO2                                                    ***        10/26/10
                                   ***                                                                  ***        17:56:23
                                                                                                                   PAGE  10
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                ** CONC OF NOX      IN PPM                                  **

   Y-COORD  |                                        X-COORD (METERS)
   (METERS) |     374010.40    374149.09    374287.78
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3752761.32 |       0.00004      0.00004      0.00004
 3752632.13 |       0.00005      0.00005      0.00004
 3752502.94 |       0.00006      0.00005      0.00005
 3752373.75 |       0.00007      0.00006      0.00005
 3752244.56 |       0.00007      0.00006      0.00005
 3752115.37 |       0.00008      0.00006      0.00005
 3751986.18 |       0.00007      0.00006      0.00005
 3751856.99 |       0.00007      0.00006      0.00005
 3751727.80 |       0.00006      0.00005      0.00004
 3751598.61 |       0.00006      0.00005      0.00004
 3751469.42 |       0.00005      0.00004      0.00004
 3751340.23 |       0.00004      0.00004      0.00003
 3751211.04 |       0.00004      0.00003      0.00003
 3751081.85 |       0.00004      0.00003      0.00003
 3750952.66 |       0.00003      0.00003      0.00003
 3750823.47 |       0.00003      0.00003      0.00002
 3750694.28 |       0.00003      0.00002      0.00002
 3750565.09 |       0.00002      0.00002      0.00002
 3750435.90 |       0.00002      0.00002      0.00002
 3750306.71 |       0.00002      0.00002      0.00002
 3750177.52 |       0.00002      0.00002      0.00002
*** AERMOD - VERSION 09292 ***    *** Site 22 - NO2                                                    ***        10/26/10
                                   ***                                                                  ***        17:56:23
                                                                                                                   PAGE  11
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                ** CONC OF NOX      IN PPM                                  **

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

       372687.37    3751957.29        0.00031                   372914.88    3751945.62        0.00048
       373051.97    3751954.38        0.00044                   373154.06    3752021.46        0.00030
       373279.49    3752047.71        0.00024                   372652.37    3751356.42        0.00053
       372789.46    3751359.34        0.00051                   372909.05    3751359.34        0.00045
       372911.97    3751496.43        0.00121
*** AERMOD - VERSION 09292 ***    *** Site 22 - NO2                                                    ***        10/26/10
                                   ***                                                                  ***        17:56:23
                                                                                                                   PAGE  12
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                        *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                ** CONC OF NOX      IN PPM                                  **

 Y-COORD  |                                        X-COORD (METERS)
 (METERS) |       371513.98              371652.67              371791.36              371930.05              372068.74
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3752761.3 |      0.00282 (05010409)      0.00208 (05010409)      0.00281 (06090407)      0.00418 (06090407)      0.00270 (06090407)
3752632.1 |      0.00255 (07090907)      0.00307 (05010409)      0.00229 (05010409)      0.00347 (06090407)      0.00442 (06090407)
3752502.9 |      0.00392 (07090907)      0.00325 (07090907)      0.00335 (05010409)      0.00256 (05010409)      0.00430 (06090407)
3752373.8 |      0.00289 (07090907)      0.00419 (07090907)      0.00408 (07090907)      0.00365 (05010409)      0.00289 (05010409)
3752244.6 |      0.00118 (06090102)      0.00220 (07090907)      0.00407 (07090907)      0.00498 (07090907)      0.00398 (05010409)
3752115.4 |      0.00119 (06121509)      0.00150 (06090102)      0.00165 (06090102)      0.00335 (07090907)      0.00564 (07090907)
3751986.2 |      0.00140 (06100301)      0.00163 (06121509)      0.00166 (06121509)      0.00208 (06090102)      0.00254 (06090102)
3751857.0 |      0.00140 (07091603)      0.00170 (07091603)      0.00195 (07091603)      0.00239 (06100301)      0.00280 (06120524)
3751727.8 |      0.00163 (07110908)      0.00168 (07110908)      0.00201 (07081605)      0.00246 (07081605)      0.00299 (07081605)
3751598.6 |      0.00255 (07110908)      0.00275 (07110908)      0.00298 (07110908)      0.00325 (07110908)      0.00359 (07110908)
3751469.4 |      0.00237 (06070206)      0.00274 (06070206)      0.00306 (06070206)      0.00325 (06070206)      0.00347 (07082903)
3751340.2 |      0.00190 (06041307)      0.00218 (06041307)      0.00220 (06041307)      0.00242 (07030608)      0.00334 (07030608)
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Site #22 – Localized NO_2 Concentrations

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3751211.0 |      0.00170 (07030608)      0.00231 (07030608)      0.00275 (07030608)      0.00264 (07030608)      0.00257 (06111722)
3751081.9 |      0.00232 (07030608)      0.00214 (07030608)      0.00174 (06111722)      0.00268 (06053107)      0.00453 (07070106)
3750952.7 |      0.00136 (07030608)      0.00195 (06110508)      0.00281 (06053107)      0.00447 (07070106)      0.00607 (07070106)
3750823.5 |      0.00199 (06053107)      0.00271 (06053107)      0.00432 (07070106)      0.00537 (07070106)      0.00386 (07070106)
3750694.3 |      0.00252 (07070106)      0.00413 (07070106)      0.00482 (07070106)      0.00357 (07070106)      0.00269 (06090207)
3750565.1 |      0.00392 (07070106)      0.00438 (07070106)      0.00332 (07070106)      0.00278 (06090207)      0.00136 (05050324)
3750435.9 |      0.00402 (07070106)      0.00310 (07070106)      0.00276 (06090207)      0.00131 (06090207)      0.00204 (06090107)
3750306.7 |      0.00291 (07070106)      0.00267 (06090207)      0.00155 (06090207)      0.00149 (07091007)      0.00239 (06090107)
3750177.5 |      0.00256 (06090207)      0.00173 (06090207)      0.00102 (07091007)      0.00196 (06090107)      0.00198 (06090107)
*** AERMOD - VERSION 09292 ***    *** Site 22 - NO2                                                          ***       10/26/10
                                  ***                                                                        ***       17:56:23
                                                                                                                       PAGE  13
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      VOL1    ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |      372207.43              372346.12              372484.81              372623.50              372762.19
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3752761.3 |      0.00347 (06042607)      0.00444 (06090607)      0.00318 (06090607)      0.00164 (05052102)      0.00181 (05082924)
3752632.1 |      0.00290 (06042607)      0.00356 (06090607)      0.00462 (06090607)      0.00169 (05052102)      0.00213 (05082924)
3752502.9 |      0.00433 (06090407)      0.00410 (06042607)      0.00560 (06090607)      0.00201 (06090607)      0.00258 (07090806)
3752373.8 |      0.00528 (06090407)      0.00365 (06090407)      0.00506 (06090607)      0.00392 (06090607)      0.00323 (07090806)
3752244.6 |      0.00333 (05010409)      0.00629 (06090407)      0.00505 (06042607)      0.00651 (06090607)      0.00414 (07072704)
3752115.4 |      0.00471 (07090907)      0.00392 (05010409)      0.00682 (06090407)      0.00767 (06090607)      0.00535 (05052102)
3751986.2 |      0.00545 (07090907)      0.00680 (07090907)      0.00571 (06090407)      0.00683 (05082505)      0.00712 (05052102)
3751857.0 |      0.00305 (06090102)      0.00462 (06090102)      0.00910 (07090907)      0.00943 (05082506)      0.01306 (07062501)
3751727.8 |      0.00367 (05042101)      0.00533 (07091603)      0.00777 (06100301)      0.01263 (06090102)      0.02599 (06090407)
3751598.6 |      0.00401 (07110908)      0.00495 (06111920)      0.00773 (07091002)      0.01496 (07082903)      0.03549 (06060203)
3751469.4 |      0.00395 (07082903)      0.00478 (05101822)      0.00716 (07012320)      0.01311 (07070106)      0.01821 (07072705)
3751340.2 |      0.00348 (07012320)      0.00448 (05043001)      0.01016 (07070106)      0.00750 (05083004)      0.00957 (06041123)
3751211.0 |      0.00437 (07070106)      0.00828 (07070106)      0.00535 (06090207)      0.00620 (07072705)      0.00712 (07081701)
3751081.9 |      0.00699 (07070106)      0.00488 (06090207)      0.00433 (07070203)      0.00476 (06090606)      0.00488 (07081701)
3750952.7 |      0.00432 (06090207)      0.00253 (05050324)      0.00337 (06041124)      0.00335 (05042905)      0.00355 (07042623)
3750823.5 |      0.00243 (06090207)      0.00317 (06090107)      0.00343 (07032008)      0.00268 (06041123)      0.00325 (06082207)
3750694.3 |      0.00208 (07091007)      0.00271 (06090107)      0.00249 (07032008)      0.00211 (07081701)      0.00312 (06082207)
3750565.1 |      0.00274 (06090107)      0.00286 (05102108)      0.00225 (06061607)      0.00209 (07081701)      0.00296 (06082207)
3750435.9 |      0.00229 (06090107)      0.00250 (07032008)      0.00192 (06061607)      0.00189 (07081701)      0.00279 (06082207)
3750306.7 |      0.00245 (05102108)      0.00191 (06072607)      0.00153 (06061607)      0.00163 (07081701)      0.00263 (06082207)
3750177.5 |      0.00232 (07032008)      0.00182 (06061607)      0.00126 (06070106)      0.00135 (07081701)      0.00248 (06082207)
*** AERMOD - VERSION 09292 ***    *** Site 22 - NO2                                                          ***       10/26/10
                                  ***                                                                        ***       17:56:23
                                                                                                                       PAGE  14
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      VOL1    ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |      372900.88              373039.57              373178.26              373316.95              373455.64
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3752761.3 |      0.00177 (07042507)      0.00160 (07040123)      0.00142 (07122005)      0.00225 (05082807)      0.00453 (05082807)
3752632.1 |      0.00204 (07091802)      0.00177 (06082107)      0.00198 (07062524)      0.00403 (05082807)      0.00419 (05082807)
3752502.9 |      0.00251 (07091802)      0.00206 (06082107)      0.00232 (07062524)      0.00540 (05082807)      0.00247 (05082807)
3752373.8 |      0.00314 (07091802)      0.00267 (07122005)      0.00461 (05082807)      0.00461 (05082807)      0.00185 (06090306)
3752244.6 |      0.00398 (07091802)      0.00372 (07062524)      0.00677 (05082807)      0.00238 (07070124)      0.00260 (06102522)
3752115.4 |      0.00531 (07040123)      0.00525 (05082807)      0.00485 (05082807)      0.00353 (06102522)      0.00665 (05082707)
3751986.2 |      0.00751 (07040123)      0.00926 (05082807)      0.00533 (06090306)      0.00917 (05082707)      0.00706 (05082707)
3751857.0 |      0.01199 (07062524)      0.00956 (06090306)      0.01218 (05082707)      0.00498 (05082707)      0.00362 (07112919)
3751727.8 |      0.02762 (05082807)      0.01354 (07072804)      0.00726 (05071903)      0.00544 (05091722)      0.00397 (05091722)
3751598.6 |      0.04315 (07091107)      0.01295 (05070723)      0.00812 (06112321)      0.00581 (06112321)      0.00439 (06112321)
3751469.4 |      0.01866 (06053105)      0.01249 (07062901)      0.00757 (07082904)      0.00534 (07081802)      0.00488 (07031508)
3751340.2 |      0.00959 (07103023)      0.01313 (07090807)      0.00645 (07062901)      0.00574 (07091107)      0.00362 (07082904)
3751211.0 |      0.00560 (07103023)      0.00655 (05102308)      0.00827 (07090807)      0.00499 (06081607)      0.00481 (07091107)
3751081.9 |      0.00404 (05042102)      0.00459 (07051822)      0.00870 (07090807)      0.00476 (07090807)      0.00428 (06081607)
3750952.7 |      0.00332 (05042102)      0.00322 (05091702)      0.00488 (05102308)      0.00776 (07090807)      0.00334 (06081607)
3750823.5 |      0.00276 (05042102)      0.00264 (05091702)      0.00371 (05102308)      0.00611 (07090807)      0.00581 (07090807)
3750694.3 |      0.00232 (05042102)      0.00223 (07103023)      0.00230 (07051822)      0.00390 (05102308)      0.00639 (07090807)
3750565.1 |      0.00197 (05042102)      0.00182 (07103023)      0.00173 (07051822)      0.00344 (05102308)      0.00454 (07090807)
3750435.9 |      0.00169 (05042102)      0.00142 (07103023)      0.00155 (05091702)      0.00229 (05102308)      0.00325 (05102308)
3750306.7 |      0.00147 (05042102)      0.00113 (06052407)      0.00137 (05091702)      0.00145 (07051822)      0.00310 (05102308)
3750177.5 |      0.00129 (05042102)      0.00101 (06052407)      0.00119 (07103023)      0.00117 (07051822)      0.00236 (05102308)
*** AERMOD - VERSION 09292 ***    *** Site 22 - NO2                                                          ***       10/26/10
                                  ***                                                                        ***       17:56:23
                                                                                                                       PAGE  15
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                          *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):      VOL1    ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF NOX      IN PPM                                    **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |      373594.33              373733.02              373871.71              374010.40              374149.09
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3752761.3 |      0.00265 (05082807)      0.00090 (07081607)      0.00119 (06090306)      0.00113 (06102522)      0.00210 (07043007)
3752632.1 |      0.00130 (07070124)      0.00139 (06090306)      0.00133 (06102522)      0.00240 (07043007)      0.00388 (05082707)
3752502.9 |      0.00162 (06090306)      0.00162 (06102522)      0.00279 (05082707)      0.00470 (05082707)      0.00508 (05082707)
3752373.8 |      0.00201 (06102522)      0.00365 (05082707)      0.00563 (05082707)      0.00527 (05082707)      0.00346 (05082707)
3752244.6 |      0.00488 (05082707)      0.00659 (05082707)      0.00504 (05082707)      0.00265 (05082707)      0.00251 (06081407)
3752115.4 |      0.00728 (05082707)      0.00418 (05082707)      0.00296 (06081407)      0.00266 (06081407)      0.00200 (06073107)
3751986.2 |      0.00364 (06081407)      0.00304 (06081407)      0.00228 (06073107)      0.00163 (06073107)      0.00120 (07031509)
3751857.0 |      0.00231 (06073107)      0.00220 (05071903)      0.00198 (05071903)      0.00170 (05091722)      0.00149 (05091722)
3751727.8 |      0.00302 (06090106)      0.00246 (07072605)      0.00204 (06061524)      0.00176 (06061524)      0.00153 (06061524)
3751598.6 |      0.00345 (06112321)      0.00279 (06112321)      0.00231 (06112321)      0.00195 (06112321)      0.00179 (07092707)
3751469.4 |      0.00485 (07031508)      0.00417 (07031508)      0.00333 (07031508)      0.00256 (07031508)      0.00194 (07031508)
3751340.2 |      0.00278 (07081201)      0.00236 (07081802)      0.00291 (07031508)      0.00331 (07031508)      0.00336 (07031508)
```

Site #22 – Localized NO_2 Concentrations

```
3751211.0 |      0.00350 (07091107)      0.00223 (07082904)      0.00184 (07081201)      0.00162 (07081802)      0.00144 (07031508)
3751081.9 |      0.00359 (07091107)      0.00384 (07091107)      0.00218 (07091107)      0.00155 (07082904)      0.00130 (07081201)
3750952.7 |      0.00376 (06081607)      0.00259 (07091107)      0.00357 (07091107)      0.00276 (07091107)      0.00143 (07091107)
3750823.5 |      0.00319 (06081607)      0.00337 (06081607)      0.00191 (05021408)      0.00304 (07091107)      0.00295 (07091107)
3750694.3 |      0.00407 (07090807)      0.00303 (06081607)      0.00306 (06081607)      0.00173 (05021408)      0.00248 (07091107)
3750565.1 |      0.00563 (07090807)      0.00280 (07090807)      0.00286 (06081607)      0.00281 (06081607)      0.00155 (05021408)
3750435.9 |      0.00517 (07090807)      0.00453 (07090807)      0.00192 (07090807)      0.00270 (06081607)      0.00260 (06081607)
3750306.7 |      0.00353 (07090807)      0.00504 (07090807)      0.00347 (07090807)      0.00154 (06081607)      0.00255 (06081607)
3750177.5 |      0.00279 (05102308)      0.00421 (07090807)      0.00447 (07090807)      0.00260 (07090807)      0.00158 (06081607)
*** AERMOD - VERSION 09292 ***    *** Site 22 - NO2                                                                ***        10/26/10
                                  ***                                                                              ***        17:56:23
                                                                                                                              PAGE  16
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NOX      IN PPM                                      **

 Y-COORD  |                                        X-COORD (METERS)
 (METERS) |      374287.78
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3752761.3 |      0.00319 (05082707)
3752632.1 |      0.00467 (05082707)
3752502.9 |      0.00396 (05082707)
3752373.8 |      0.00186 (06081407)
3752244.6 |      0.00235 (06081407)
3752115.4 |      0.00173 (06073107)
3751986.2 |      0.00115 (05071903)
3751857.0 |      0.00126 (05091722)
3751727.8 |      0.00133 (06061524)
3751598.6 |      0.00166 (07092707)
3751469.4 |      0.00145 (07031508)
3751340.2 |      0.00314 (07031508)
3751211.0 |      0.00195 (07031508)
3751081.9 |      0.00114 (07081201)
3750952.7 |      0.00116 (07082904)
3750823.5 |      0.00195 (07091107)
3750694.3 |      0.00285 (07091107)
3750565.1 |      0.00197 (07091107)
3750435.9 |      0.00148 (06081607)
3750306.7 |      0.00242 (06081607)
3750177.5 |      0.00242 (06081607)
*** AERMOD - VERSION 09292 ***    *** Site 22 - NO2                                                                ***        10/26/10
                                  ***                                                                              ***        17:56:23
                                                                                                                              PAGE  17
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF NOX      IN PPM                                      **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372687.37   3751957.29        0.00933  (06090607)               372914.88   3751945.62        0.00786  (07122005)
       373051.97   3751954.38        0.00816  (05082807)               373154.06   3752021.46        0.00444  (06090306)
       373279.49   3752047.71        0.00416  (06102522)               372652.37   3751356.42        0.00948  (07070203)
       372789.46   3751359.34        0.01167  (07081701)               372909.05   3751359.34        0.01022  (05091702)
       372911.97   3751496.43        0.02077  (07081203)
*** AERMOD - VERSION 09292 ***    *** Site 22 - NO2                                                                ***        10/26/10
                                  ***                                                                              ***        17:56:23
                                                                                                                              PAGE  18
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                                   *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER   3 YEARS ***

                                    ** CONC OF NOX      IN PPM                                      **

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

ALL      1ST HIGHEST VALUE IS       0.00574 AT (  372762.19,  3751598.61,    10.00,    10.00,    0.00)  GC  UCART1
          2ND HIGHEST VALUE IS      0.00443 AT (  372900.88,  3751598.61,    10.00,    10.00,    0.00)  GC  UCART1
          3RD HIGHEST VALUE IS      0.00379 AT (  372900.88,  3751727.80,    10.00,    10.00,    0.00)  GC  UCART1
          4TH HIGHEST VALUE IS      0.00192 AT (  372762.19,  3751727.80,    10.00,    10.00,    0.00)  GC  UCART1
          5TH HIGHEST VALUE IS      0.00148 AT (  373039.57,  3751727.80,    10.00,    10.00,    0.00)  GC  UCART1
          6TH HIGHEST VALUE IS      0.00131 AT (  372762.19,  3751469.42,    10.00,    10.00,    0.00)  GC  UCART1
          7TH HIGHEST VALUE IS      0.00121 AT (  372911.97,  3751496.43,    10.00,    10.00,    0.00)  DC
          8TH HIGHEST VALUE IS      0.00108 AT (  372623.50,  3751598.61,    10.00,    10.00,    0.00)  GC  UCART1
          9TH HIGHEST VALUE IS      0.00104 AT (  373039.57,  3751598.61,    10.00,    10.00,    0.00)  GC  UCART1
         10TH HIGHEST VALUE IS      0.00100 AT (  372900.88,  3751469.42,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
*** AERMOD - VERSION 09292 ***    *** Site 22 - NO2                                                                ***        10/26/10
                                  ***                                                                              ***        17:56:23
                                                                                                                              PAGE  19
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

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

                                    ** CONC OF NOX      IN PPM                                      **

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

ALL      HIGH  1ST HIGH VALUE IS       0.04315  ON 07091107: AT (  372900.88,  3751598.61,    10.00,    10.00,    0.00)  GC  UCART1
```

Site #22 – Localized NO_2 Concentrations

```
*** RECEPTOR TYPES:  GC = GRIDCART
                     GP = GRIDPOLR
                     DC = DISCCART
                     DP = DISCPOLR
*** AERMOD - VERSION 09292 ***    *** Site 22 - NO2                                                    ***        10/26/10
                                  ***                                                                  ***        17:56:23
                                                                                                                  PAGE  20

**MODELOPTs:  NonDFAULT CONC                                        FLAT
                                                                    NODRYDPLT NOWETDPLT

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

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

A Total of            0 Fatal Error Message(s)
A Total of            0 Warning Message(s)
A Total of          152 Informational Message(s)

A Total of        26280 Hours Were Processed

A Total of           15 Calm Hours Identified

A Total of          137 Missing Hours Identified (  0.52 Percent)


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


   ********   WARNING MESSAGES   ********
              ***  NONE  ***


   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

Site #22 – Localized PM_{10} Concentrations

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 22\PM10.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Site 22 - PM10
   MODELOPT  CONC NODRYDPLT NOWETDPLT FLAT
   AVERTIME 24
   URBANOPT 9862049 Los_Angeles_County
   POLLUTID PM10.
   RUNORNOT RUN
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1 VOLUME 372838.810 3751633.020 0.0
** DESCRSRC Equipment
   LOCATION AREA1 AREA 372778.051 3751573.707 0.0
** DESCRSRC Equipment
** Source Parameters **
   SRCPARAM VOL1 0.0402 4.100 27.674 1.163
   SRCPARAM AREA1 0.0000485771 0.000 119.000 119.000 0.000
   URBANSRC VOL1
   URBANSRC AREA1
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                  XYINC 371513.98 21 138.69 3750177.52 21 129.19
   GRIDCART UCART1 END
** DESCRREC "" ""
   DISCCART    372687.37   3751957.29
   DISCCART    372914.88   3751945.62
   DISCCART    373051.97   3751954.38
   DISCCART    373154.06   3752021.46
   DISCCART    373279.49   3752047.71
   DISCCART    372652.37   3751356.42
   DISCCART    372789.46   3751359.34
   DISCCART    372909.05   3751359.34
   DISCCART    372911.97   3751496.43
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
   PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   PROFBASE 10 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST PM10.AD\24H1GALL.PLT
OU FINISHED

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

 *** AERMOD - VERSION 09292 ***    *** Site 22 - PM10                                                    ***        10/26/10
                                   ***                                                                   ***        18:02:29
                                                                                                                    PAGE   1
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for     2 Source(s),
```

Site #22 – Localized PM_{10} Concentrations

```
  for Total of    1 Urban Area(s):
  Urban Population =   9862049.0 ;  Urban Roughness Length =  1.000 m

**Model Allows User-Specified Options:
       1. Stack-tip Downwash.
       2. Model Assumes Receptors on FLAT Terrain.
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.
       6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates  1 Short Term Average(s) of:  24-HR

**This Run Includes:      2 Source(s);       1 Source Group(s); and     450 Receptor(s)

**The Model Assumes A Pollutant Type of:  PM10.

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

**Output Options Selected:
        Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
        Model Outputs External File(s) of High Values for Plotting (PLOTFILE 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) =    10.00 ;  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 =      3.6 MB of RAM.

*** AERMOD - VERSION 09292 ***    *** Site 22 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        18:02:29
                                                                                                                   PAGE   2
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                                *** VOLUME SOURCE DATA ***

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

  VOL1          0   0.40200E-01  372838.8 3751633.0    10.0     4.10    27.67     1.16     YES
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        18:02:29
                                                                                                                   PAGE   3
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                                *** AREA SOURCE DATA ***

            NUMBER EMISSION RATE  COORD (SW CORNER)  BASE     RELEASE  X-DIM     Y-DIM    ORIENT.    INIT.   URBAN  EMISSION RATE
   SOURCE     PART.  (GRAMS/SEC      X        Y      ELEV.    HEIGHT  OF AREA   OF AREA   OF AREA     SZ     SOURCE  SCALAR VARY
     ID       CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS) (METERS)  (METERS)   (DEG.)  (METERS)              BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  AREA1         0   0.48577E-04  372778.1 3751573.7    10.0     0.00    119.00    119.00      0.00     0.00     YES
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        18:02:29
                                                                                                                   PAGE   4
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                        SOURCE IDs



 ALL       VOL1    , AREA1   ,
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        18:02:29
                                                                                                                   PAGE   5
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                            *** X-COORDINATES OF GRID ***
                                                      (METERS)

      371514.0,  371652.7,  371791.4,  371930.1,  372068.7,  372207.4,  372346.1,  372484.8,  372623.5,  372762.2,
      372900.9,  373039.6,  373178.3,  373317.0,  373455.6,  373594.3,  373733.0,  373871.7,  374010.4,  374149.1,
      374287.8,

                                            *** Y-COORDINATES OF GRID ***
                                                      (METERS)

     3750177.5, 3750306.7, 3750435.9, 3750565.1, 3750694.3, 3750823.5, 3750952.7, 3751081.9, 3751211.0, 3751340.2,
     3751469.4, 3751598.6, 3751727.8, 3751857.0, 3751986.2, 3752115.4, 3752244.6, 3752373.8, 3752502.9, 3752632.1,
     3752761.3,
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        18:02:29
                                                                                                                   PAGE   6
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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

    ( 372687.4, 3751957.3,      10.0,      10.0,       0.0);         ( 372914.9, 3751945.6,      10.0,      10.0,       0.0);
    ( 373052.0, 3751954.4,      10.0,      10.0,       0.0);         ( 373154.1, 3752021.5,      10.0,      10.0,       0.0);
```

Site #22 – Localized PM_{10} Concentrations

```
    ( 373279.5, 3752047.7,      10.0,      10.0,       0.0);         ( 372652.4, 3751356.4,      10.0,      10.0,       0.0);
    ( 372789.5, 3751359.3,      10.0,      10.0,       0.0);         ( 372909.0, 3751359.3,      10.0,      10.0,       0.0);
    ( 372912.0, 3751496.4,      10.0,      10.0,       0.0);
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        18:02:29
                                                                                                                         PAGE   7

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                        *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                    (1=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
              NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.


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

                                                1.54,   3.09,   5.14,   8.23,  10.80,
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        18:02:29
                                                                                                                         PAGE   8
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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

  Surface file:   L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC    Met Version:  06341
  Profile file:   L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL
  Surface format: FREE
  Profile format: FREE
  Surface station no.:        0                 Upper air station no.:     3190
               Name: UNKNOWN                                 Name: UNKNOWN
               Year:   2005                                  Year:   2005

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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
05 01 01   1 01   -3.3  0.062 -9.000 -9.000 -999.   35.      6.5  0.26   1.00   1.00    1.10   52.    9.1  282.5    5.5
05 01 01   1 02   -3.9  0.073 -9.000 -9.000 -999.   45.      8.9  0.26   1.00   1.00    1.30   51.    9.1  282.0    5.5
05 01 01   1 03   -2.7  0.056 -9.000 -9.000 -999.   30.      5.9  0.26   1.00   1.00    1.00   48.    9.1  281.4    5.5
05 01 01   1 04   -2.3  0.056 -9.000 -9.000 -999.   30.      6.8  0.26   1.00   1.00    1.00   52.    9.1  280.9    5.5
05 01 01   1 05   -2.8  0.062 -9.000 -9.000 -999.   35.      7.5  0.26   1.00   1.00    1.10   62.    9.1  281.4    5.5
05 01 01   1 06   -5.3  0.078 -9.000 -9.000 -999.   51.      8.2  0.26   1.00   1.00    1.40   64.    9.1  280.9    5.5
05 01 01   1 07   -3.9  0.067 -9.000 -9.000 -999.   40.      7.0  0.26   1.00   1.00    1.20   55.    9.1  280.4    5.5
05 01 01   1 08   -4.9  0.078 -9.000 -9.000 -999.   51.      8.8  0.26   1.00   0.53    1.40   76.    9.1  280.9    5.5
05 01 01   1 09   45.2  0.282  0.524  0.005  115.  344.    -44.6  0.26   1.00   0.30    2.20   78.    9.1  283.1    5.5
05 01 01   1 10  114.4  0.293  1.397  0.005  862.  365.    -19.9  0.26   1.00   0.22    2.10   83.    9.1  284.9    5.5
05 01 01   1 11  139.9  0.299  1.673  0.010 1212.  376.    -17.3  0.26   1.00   0.19    2.10   80.    9.1  287.0    5.5
05 01 01   1 12   15.0  0.122  0.797  0.010 1215.  125.    -10.8  0.26   1.00   0.18    0.80   30.    9.1  287.0    5.5
05 01 01   1 13   28.1  0.223  0.983  0.010 1221.  241.    -35.4  0.26   1.00   0.18    1.70  184.    9.1  287.0    5.5
05 01 01   1 14   17.9  0.256  0.847  0.009 1225.  298.    -84.4  0.26   1.00   0.19    2.10  201.    9.1  287.0    5.5
05 01 01   1 15    4.2  0.231  0.521  0.009 1226.  256.   -268.6  0.26   1.00   0.22    2.00  205.    9.1  286.4    5.5
05 01 01   1 16    0.1  0.180  0.151  0.009 1226.  176.  -5231.4  0.26   1.00   0.31    1.60  211.    9.1  286.4    5.5
05 01 01   1 17   -1.7  0.045 -9.000 -9.000 -999.   46.      4.9  0.26   1.00   0.57    0.80  216.    9.1  285.9    5.5
05 01 01   1 18   -0.6  0.028 -9.000 -9.000 -999.   11.      3.4  0.26   1.00   1.00    0.50   38.    9.1  285.4    5.5
05 01 01   1 19   -0.4  0.022 -9.000 -9.000 -999.    8.      2.8  0.26   1.00   1.00    0.40  261.    9.1  284.9    5.5
05 01 01   1 20   -0.4  0.022 -9.000 -9.000 -999.    8.      2.8  0.26   1.00   1.00    0.40  337.    9.1  284.9    5.5
05 01 01   1 21   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80   12.    9.1  284.9    5.5
05 01 01   1 22   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80  360.    9.1  284.9    5.5
05 01 01   1 23   -1.9  0.050 -9.000 -9.000 -999.   26.      6.2  0.26   1.00   1.00    0.90   46.    9.1  284.2    5.5
05 01 01   1 24   -1.5  0.045 -9.000 -9.000 -999.   22.      5.5  0.26   1.00   1.00    0.80   12.    9.1  284.2    5.5


First hour of profile data
YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
05 01 01 01    5.5 0 -999.  -99.00   282.6   99.0  -99.00  -99.00
05 01 01 01    9.1 1   52.    1.10  -999.0   99.0  -99.00  -99.00

F indicates top of profile (=1) or below (=0)
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        18:02:29
                                                                                                                         PAGE   9
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                     *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                                X-COORD (METERS)
 (METERS) |       371513.98              371652.67              371791.36              371930.05              372068.74
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3752761.3 |      4.45950 (07021124)     3.25939 (07062224)     6.00395 (07071924)     7.56855 (06062824)     6.92726 (05082524)
3752632.1 |      4.89697 (05030524)     5.23080 (07021124)     3.94246m(05010924)     7.27360 (06062824)     8.18501 (06062824)
3752502.9 |      7.36127 (06110124)     5.39092 (05030524)     6.16122 (07021124)     4.92427m(05010924)     9.90501 (06062824)
3752373.8 |      5.27316 (06062924)     8.88500 (06110124)     6.93717 (06110124)     7.26401 (07021124)     6.37596m(05010924)
3752244.6 |      6.02112 (07091324)     6.78401 (07091324)     8.59628 (06110124)    11.08737 (06110124)     8.52329 (07021124)
3752115.4 |      5.61413 (05092124)     5.46825 (05092124)     8.39160 (07091324)     9.41725 (07091324)    14.94026 (06110124)
3751986.2 |      8.14540 (07020624)     9.21295 (07020624)     8.36794 (07020624)     8.83645 (05092124)    12.75412 (07091324)
3751857.0 |      6.71771 (06010124)     7.94235 (06010124)     8.80302 (06010124)    12.05473 (07020624)    16.09302 (07020624)
3751727.8 |      7.49938 (07010624)     8.96583 (07010624)    10.77835 (07010624)    12.96543 (07010624)    16.20459 (05122624)
3751598.6 |      8.85268 (07112524)    10.50581 (07112524)    12.70477 (07112524)    15.71413 (07112524)    19.97867 (07112524)
3751469.4 |      8.49886 (06110924)    10.65385m(05012424)    14.21924m(05012424)    19.24081m(05012424)    25.64939m(05012424)
3751340.2 |     11.53129m(05012424)    13.33574m(05012424)    15.18243 (06012524)    18.27195 (06012524)    21.52917 (07031324)
3751211.0 |     10.08872 (06012524)    11.49222 (07031324)    13.96692 (07031324)    17.33625 (06020124)    21.07495 (06122024)
3751081.9 |     10.41314 (06020124)    12.05799 (06020124)    13.79884 (06122024)    18.47182 (06111624)    19.29323 (05111224)
3750952.7 |     10.12707 (05112924)    12.14120 (06111624)    14.09842 (06111624)    16.41891 (05111224)    18.63517 (05120824)
3750823.5 |     11.08903 (06111624)    10.95716 (07123024)    13.72494 (05111224)    14.38486 (05120824)    16.41902 (05100924)
3750694.3 |      8.76499 (07123024)    11.45644 (05111224)    11.52181 (05120824)    13.25007 (05100924)    13.44956 (05060724)
```

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3750565.1 |      9.62235 (05111224)     9.49360 (05120824)    10.89450 (05100924)    11.24856 (05060724)     9.70322 (06030424)
3750435.9 |      7.99734 (05120824)     9.10454 (05100924)     9.19072 (05060724)     8.31502 (05122924)     7.63669 (05091724)
3750306.7 |      7.71878 (05100924)     7.45634 (05100924)     7.72923 (05060724)     6.55410 (06030424)     7.02435 (07013024)
3750177.5 |      6.77386 (05100924)     7.16149 (05060724)     6.13383 (06030424)     5.92734 (05091724)     6.06812 (07013024)
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        18:02:29
                                                                                                                   PAGE  10
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372207.43              372346.12              372484.81              372623.50              372762.19
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3752761.3 |      6.15389 (05101024)     8.78183 (06090524)     7.17404 (06090524)     8.31785 (06091124)     9.65954 (07050924)
3752632.1 |      7.53605 (05101024)     6.72964 (06090524)    10.45417 (06090524)     9.80524 (06091124)    10.82651 (07050924)
3752502.9 |      8.32912 (05082524)     8.70534 (05101024)    13.36389 (06090524)    11.04554 (06091124)    12.19799 (07050924)
3752373.8 |     13.34498 (06062824)    11.34850 (05082524)    12.33123 (06090524)    14.13294 (06090524)    14.20724 (07030724)
3752244.6 |      8.79128 (07071924)    17.39387 (06062824)    13.39568 (05101024)    21.48681 (06090524)    18.25061 (07030724)
3752115.4 |     10.31724 (05030524)    13.11927 (07071924)    20.93955 (06062824)    26.21462 (06090524)    26.00886 (06091124)
3751986.2 |     14.75981 (06110124)    19.46453 (06110124)    20.93210 (07071924)    25.03521 (05082524)    46.99461 (06090524)
3751857.0 |     17.97152 (07020624)    22.53615 (07091324)    33.70838 (06110124)    45.07374 (06062824)    91.97050 (06090524)
3751727.8 |     20.59195 (05122624)    27.18981 (07030624)    41.56691 (07020624)    76.94639 (07020624)   173.76892m(05010924)
3751598.6 |     26.78982 (06110924)    38.22252 (06110924)   69.58891m(05012424)   142.71078m(05012424)   563.43769 (07112524)
3751469.4 |     32.71264 (06012524)    44.97824 (06012524)    68.43798 (05121124)   120.47244 (06123024)   145.96420 (06010524)
3751340.2 |     28.32311 (06020124)    40.31259 (06111624)    59.42455 (05120824)    68.22771 (05122924)    60.92201 (05020424)
3751211.0 |     27.65175 (07123024)    36.97875 (05120824)    42.60771 (05122924)    38.83768 (06120424)    46.34591 (07081524)
3751081.9 |     25.36846 (05120824)    27.36988 (05122924)    22.22977 (05112824)    24.84929 (06120424)    38.21963 (07081524)
3750952.7 |     20.79209 (05100924)    19.51786 (05122924)    18.79491 (06120424)    20.79627 (05020424)    31.25752 (07081524)
3750823.5 |     15.78921 (05122924)    13.11872 (05112824)    15.06270 (06120424)    15.44470 (05020424)    25.98227 (07081524)
3750694.3 |     10.74150 (06030424)    11.29811 (06120424)    12.25852 (05111124)    11.68760 (06112824)    22.15376 (07081524)
3750565.1 |      8.83971 (07013024)    10.03390 (06120424)    10.51758 (05020424)    10.39903 (05102624)    19.32973 (07081524)
3750435.9 |      7.87586 (07013024)     7.98794 (06120424)     8.98394 (05020424)     9.33607 (05102624)    17.16212 (07081524)
3750306.7 |      7.15404 (06120424)     8.10729 (05111124)     7.40073 (05020424)     8.04268 (05102624)    15.43054 (07081524)
3750177.5 |      6.18366 (06120424)     6.40965 (05020424)     6.01663 (06112824)     6.67541 (05102624)    14.00390 (07081524)
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        18:02:29
                                                                                                                   PAGE  11
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       372900.88              373039.57              373178.26              373316.95              373455.64
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3752761.3 |      9.15135 (07072624)    10.23883 (07083124)     8.38195 (07083124)     7.51513 (05052624)    10.69088 (07071524)
3752632.1 |     10.49087 (06072224)    12.54968 (07083124)    10.59023 (05052624)     9.38826 (07071524)    11.63646 (07071524)
3752502.9 |     13.12588 (07083124)    15.25062 (07083124)    12.57367 (05052624)    15.40872 (07071524)     7.65565 (07071524)
3752373.8 |     17.46657 (07083124)    17.95955 (07083124)    13.22948 (07071524)    15.65160 (07071524)    11.68278 (07092824)
3752244.6 |     24.61927 (07083124)    20.35235 (05052624)    24.66086 (07071524)    13.61365 (07031824)    14.30362 (07092824)
3752115.4 |     37.22020 (07083124)    28.18686 (05052624)    22.03670 (07071524)    21.49423 (07092824)    28.01949 (06101024)
3751986.2 |     60.36774 (07083124)    48.14245 (07071524)    35.24308 (07092824)    46.40371 (06101024)    35.36469 (06101024)
3751857.0 |    103.22786 (07083124)    69.04598 (07092824)    84.80019 (06101024)    41.05045 (06052024)    30.22724 (05090224)
3751727.8 |    256.16875 (07071524)   142.12261 (06101024)    72.38712 (05081824)    38.85467 (05081824)    27.33503 (06050424)
3751598.6 |    758.84810 (06051424)   117.73716 (06060724)    55.89912 (07051524)    35.96741 (07051524)    24.81112 (07051524)
3751469.4 |    106.82085 (05120324)    54.14927 (06051424)    33.55350 (05070224)    28.47096 (07110724)    19.93265 (07110724)
3751340.2 |     58.10128 (07081524)    27.06035 (05061324)    26.52145 (05082324)    18.40945 (06051424)    15.52904 (05070224)
3751211.0 |     44.46105 (07081524)    23.23151 (05120324)    17.59288 (07092724)    16.69226 (05082324)    15.18952 (06051424)
3751081.9 |     35.99683 (07081524)    16.65774 (05120324)    12.74397 (07021324)    13.78378 (07092724)    11.44847 (05082324)
3750952.7 |     29.98205 (07081524)    13.81027 (05091724)    11.66322 (05081524)    11.47388 (07090824)     9.73807 (07092724)
3750823.5 |     25.44532 (07081524)    10.72895 (05091724)     9.36607 (06072824)     7.51103 (07021324)     8.49874 (06071724)
3750694.3 |     21.91616 (07081524)     9.50247 (07120824)     6.89878 (05120324)     7.33889 (05081524)    10.25587 (07090824)
3750565.1 |     19.11884 (07081524)     8.58661 (07120824)     7.12230 (05091724)     6.76839 (05081524)     5.13223 (07081224)
3750435.9 |     16.86597 (07081524)     7.40011 (07120824)     7.43244 (05091724)     5.84503 (06072824)     5.07248 (05081524)
3750306.7 |     15.02413 (07081524)     6.12368 (07120824)     6.10388 (05091724)     4.50384 (07051824)     5.11011 (05081524)
3750177.5 |     13.49963 (07081524)     4.91848 (07120824)     4.26291 (07120824)     3.95431 (05091724)     4.53896 (06072824)
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM10                                                    ***        10/26/10
                                  ***                                                                   ***        18:02:29
                                                                                                                   PAGE  12
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373594.33              373733.02              373871.71              374010.40              374149.09
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3752761.3 |      7.02677 (07071524)     5.24208 (06051624)     7.03784 (07092824)     5.35770 (06081224)     6.22154 (06101024)
3752632.1 |      5.83942 (06051624)     8.45033 (07092824)     6.37728 (06081224)     7.80604 (06101024)     9.19469 (06101024)
3752502.9 |     10.01613 (07092824)     7.76421 (06081224)    10.06235 (06101024)    11.32349 (06101024)    10.28276 (06101024)
3752373.8 |     10.10112 (07092824)    13.42115 (06101024)    14.37004 (06101024)    13.07922 (06101024)    11.54256 (06101024)
3752244.6 |     18.74613 (06101024)    19.08389 (06101024)    16.64244 (06101024)    11.89760 (06101024)     8.59178 (06052024)
3752115.4 |     26.50031 (06101024)    19.06621 (06101024)    12.49508 (06052024)    10.41914 (05090224)    10.42773 (05090224)
3751986.2 |     20.37099 (06052024)    16.76797 (05090224)    14.90965 (05090224)    13.67924 (05081824)    11.67901 (05081824)
3751857.0 |     25.58107 (05081824)    19.04467 (05081824)    13.03883 (05081824)    10.47745 (06050424)     9.46237 (06050424)
3751727.8 |     20.15607 (06050424)    15.03730 (06050424)    11.37786 (06050424)     8.75829 (06050424)     6.86517 (06050424)
3751598.6 |     18.14458 (07051524)    13.90005 (07051524)    11.03771 (07051524)     9.01304 (07051524)     7.52610 (07051524)
3751469.4 |     14.27807 (06060724)    11.44144 (06051424)     9.42725 (07051524)     8.32045 (07051524)     7.28785 (07051524)
3751340.2 |     13.08159 (07110724)    12.73172 (07110724)     9.64984 (07110724)     6.58725 (07110724)     6.16501 (07090724)
3751211.0 |     11.30474 (05070224)     9.27853 (05070224)     6.84857 (07110724)     8.03939 (07110724)     7.42731 (07110724)
3751081.9 |     11.25122 (06051424)     7.68084 (06051424)     7.61404 (05070224)     6.31072 (05070224)     4.50166 (07111824)
3750952.7 |      8.43780 (07013024)     8.08911 (05082324)     7.40257 (06051424)     5.50986 (05070224)     5.49488 (05070224)
3750823.5 |      6.56511 (07092724)     6.63212 (07013024)     6.89018 (05082324)     6.42563 (06051424)     4.41195 (06051424)
3750694.3 |      6.68023 (07092724)     5.14585 (05062324)     5.34488 (07013024)     5.83438 (05082324)     5.28659 (06051424)
```

```
3750565.1 |      8.83596 (07090824)      6.42741 (07092724)      4.46396 (05062324)      4.39820 (07013024)      4.95018 (05082324)
3750435.9 |      7.85597 (07090824)      5.61873 (07090824)      5.52730 (07092724)      3.82898 (05062324)      3.68292 (07013024)
3750306.7 |      3.70900 (07081224)      8.69944 (07090824)      4.11137 (06071724)      4.44014 (07092724)      3.33270 (06081624)
3750177.5 |      3.78072 (06072724)      5.63321 (07090824)      7.12230 (07090824)      3.62417 (07092724)      3.44760 (07092724)
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        18:02:29
                                                                                                                         PAGE  13
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       374287.78
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3752761.3 |      7.60963 (06101024)
3752632.1 |      8.42140 (05082724)
3752502.9 |      9.77224 (06101024)
3752373.8 |      8.14602 (06042824)
3752244.6 |      7.64892 (07032124)
3752115.4 |      9.04764 (05081824)
3751986.2 |      9.31880 (05081824)
3751857.0 |      8.35778 (06050424)
3751727.8 |      5.63928 (06042124)
3751598.6 |      6.39693 (07051524)
3751469.4 |      6.38944 (07051524)
3751340.2 |      5.57049 (06051424)
3751211.0 |      5.91299 (07110724)
3751081.9 |      5.16603 (07110724)
3750952.7 |      4.64116 (05070224)
3750823.5 |      4.32041 (05070224)
3750694.3 |      4.49267 (06051424)
3750565.1 |      4.25005 (06051424)
3750435.9 |      4.22406 (05082324)
3750306.7 |      3.13009 (07013024)
3750177.5 |      3.27542 (06081624)
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        18:02:29
                                                                                                                         PAGE  14
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                            *** 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)
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372687.37   3751957.29       43.16176  (06090524)               372914.88   3751945.62       67.99031  (07083124)
       373051.97   3751954.38       47.25688  (07071524)               373154.06   3752021.46       29.88416  (07092824)
       373279.49   3752047.71       23.68476  (07092824)               372652.37   3751356.42       67.22214  (05122924)
       372789.46   3751359.34      106.00742  (07081524)               372909.05   3751359.34       51.31861  (05120324)
       372911.97   3751496.43      114.55775  (05120324)
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        18:02:29
                                                                                                                         PAGE  15
**MODELOPTs:  NonDFAULT CONC                                FLAT
                                                            NODRYDPLT NOWETDPLT

                                          *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***


                                    ** CONC OF PM10.    IN MICROGRAMS/M**3                        **

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

ALL      HIGH  1ST HIGH VALUE IS     758.84810  ON 06051424: AT (  372900.88,  3751598.61,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Site 22 - PM10                                                          ***        10/26/10
                                  ***                                                                         ***        18:02:29
                                                                                                                         PAGE  16
 **MODELOPTs:  NonDFAULT CONC                               FLAT
                                                            NODRYDPLT NOWETDPLT

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            0 Warning Message(s)
 A Total of          152 Informational Message(s)

 A Total of        26280 Hours Were Processed

 A Total of           15 Calm Hours Identified

 A Total of          137 Missing Hours Identified (  0.52 Percent)


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


    ********   WARNING MESSAGES   ********
              ***  NONE  ***


    ***********************************
```

Site #22 – Localized $PM_{2.5}$ Concentrations

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 22\PM25.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Site 22 - PM2.5
   MODELOPT  CONC NODRYDPLT NOWETDPLT FLAT
   AVERTIME 24 ANNUAL
   URBANOPT 9862049 Los_Angeles_County
   POLLUTID PM2.5
   RUNORNOT RUN
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1 VOLUME 372838.810 3751633.020 0.0
** DESCRSRC Equipment
   LOCATION AREA1 AREA 372780.513 3751574.723 0.0
** DESCRSRC Equipment
** Source Parameters **
   SRCPARAM VOL1 0.037 4.100 27.674 1.163
   SRCPARAM AREA1 0.0000101052 0.000 119.000 119.000 0.000
   URBANSRC VOL1
   URBANSRC AREA1
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                  XYINC 371513.98 21 138.69 3750177.52 21 129.19
   GRIDCART UCART1 END
** DESCRREC "" ""
   DISCCART    372687.37   3751957.29
   DISCCART    372914.88   3751945.62
   DISCCART    373051.97   3751954.38
   DISCCART    373154.06   3752021.46
   DISCCART    373279.49   3752047.71
   DISCCART    372652.37   3751356.42
   DISCCART    372789.46   3751359.34
   DISCCART    372909.05   3751359.34
   DISCCART    372911.97   3751496.43
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
   PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   PROFBASE 10 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST PM25.AD\24H1GALL.PLT
   PLOTFILE ANNUAL ALL PM25.AD\AN00GALL.PLT
OU FINISHED

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

 *** AERMOD - VERSION 09292 ***    *** Site 22 - PM2.5                                                    ***        10/26/10
                                   ***                                                                    ***        18:10:14
                                                                                                                     PAGE   1
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F
```

Site #22 – Localized $PM_{2.5}$ Concentrations

```
**Model Uses URBAN Dispersion Algorithm for the SBL for     2 Source(s),
  for Total of    1 Urban Area(s):
  Urban Population =   9862049.0 ;  Urban Roughness Length =  1.000 m

**Model Allows User-Specified Options:
       1. Stack-tip Downwash.
       2. Model Assumes Receptors on FLAT Terrain.
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.
       6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates  1 Short Term Average(s) of:  24-HR
    and Calculates ANNUAL Averages

**This Run Includes:      2 Source(s);       1 Source Group(s); and     450 Receptor(s)

**The Model Assumes A Pollutant Type of:  PM2.5

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

**Output Options Selected:
         Model Outputs Tables of ANNUAL 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)

**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) =    10.00 ;  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 =      3.6 MB of RAM.

*** AERMOD - VERSION 09292 ***    *** Site 22 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        18:10:14
                                                                                                                    PAGE   2
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                                *** VOLUME SOURCE DATA ***

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

  VOL1          0   0.37000E-01  372838.8 3751633.0    10.0     4.10    27.67     1.16     YES
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        18:10:14
                                                                                                                    PAGE   3
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                                *** AREA SOURCE DATA ***

            NUMBER EMISSION RATE  COORD (SW CORNER)  BASE     RELEASE  X-DIM     Y-DIM    ORIENT.    INIT.   URBAN  EMISSION RATE
   SOURCE     PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF AREA   OF AREA   OF AREA     SZ     SOURCE  SCALAR VARY
     ID       CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS) (METERS)  (METERS)   (DEG.)  (METERS)             BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  AREA1         0   0.10105E-04  372780.5 3751574.7    10.0     0.00    119.00    119.00      0.00     0.00     YES
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        18:10:14
                                                                                                                    PAGE   4
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                          SOURCE IDs


 ALL       VOL1    , AREA1   ,
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        18:10:14
                                                                                                                    PAGE   5
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                            *** X-COORDINATES OF GRID ***
                                                     (METERS)

      371514.0,  371652.7,  371791.4,  371930.1,  372068.7,  372207.4,  372346.1,  372484.8,  372623.5,  372762.2,
      372900.9,  373039.6,  373178.3,  373317.0,  373455.6,  373594.3,  373733.0,  373871.7,  374010.4,  374149.1,
      374287.8,

                                            *** Y-COORDINATES OF GRID ***
                                                     (METERS)

     3750177.5, 3750306.7, 3750435.9, 3750565.1, 3750694.3, 3750823.5, 3750952.7, 3751081.9, 3751211.0, 3751340.2,
     3751469.4, 3751598.6, 3751727.8, 3751857.0, 3751986.2, 3752115.4, 3752244.6, 3752373.8, 3752502.9, 3752632.1,
     3752761.3,
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM2.5                                                    ***        10/26/10
                                  ***                                                                    ***        18:10:14
                                                                                                                    PAGE   6
**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

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

Site #22 – Localized $PM_{2.5}$ Concentrations

```
    ( 372687.4, 3751957.3,      10.0,      10.0,       0.0);         ( 372914.9, 3751945.6,      10.0,      10.0,       0.0);
    ( 373052.0, 3751954.4,      10.0,      10.0,       0.0);         ( 373154.1, 3752021.5,      10.0,      10.0,       0.0);
    ( 373279.5, 3752047.7,      10.0,      10.0,       0.0);         ( 372652.4, 3751356.4,      10.0,      10.0,       0.0);
    ( 372789.5, 3751359.3,      10.0,      10.0,       0.0);         ( 372909.0, 3751359.3,      10.0,      10.0,       0.0);
    ( 372912.0, 3751496.4,      10.0,      10.0,       0.0);
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM2.5                                                          ***        10/26/10
                                  ***                                                                          ***        18:10:14
                                                                                                                          PAGE   7
**MODELOPTs:  NonDFAULT CONC                                    FLAT
                                                                NODRYDPLT NOWETDPLT

                                        *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                    (1=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
```

```
 3750952.66 |       0.41402      0.49529      0.57810      0.65264      0.70708      0.70227      0.62464      0.51424      0.38584
 3750823.47 |       0.40603      0.45618      0.49995      0.53160      0.53014      0.48337      0.42350      0.34401      0.26645
 3750694.28 |       0.36923      0.39692      0.41695      0.41703      0.38692      0.34958      0.29969      0.24568      0.19880
 3750565.09 |       0.32396      0.33748      0.33825      0.31822      0.29127      0.26203      0.22265      0.18304      0.15613
 3750435.90 |       0.27987      0.28094      0.26732      0.24644      0.22818      0.19987      0.17281      0.14219      0.12678
 3750306.71 |       0.23777      0.22836      0.21189      0.19847      0.18082      0.15761      0.13688      0.11501      0.10537
 3750177.52 |       0.19778      0.18476      0.17352      0.16276      0.14457      0.12876      0.11022      0.09602      0.08917
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM2.5                                                          ***        10/26/10
                                   ***                                                                          ***        18:10:14
                                                                                                                           PAGE  10

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                         ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     372762.19    372900.88    373039.57    373178.26    373316.95    373455.64    373594.33    373733.02    373871.71
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3752761.32 |       0.17608      0.19910      0.20803      0.21836      0.21667      0.20149      0.19810      0.19186      0.19349
 3752632.13 |       0.21392      0.24490      0.25695      0.27048      0.25708      0.24552      0.23861      0.23818      0.24161
 3752502.94 |       0.26639      0.31036      0.32854      0.33972      0.31574      0.30678      0.30250      0.30759      0.31325
 3752373.75 |       0.34255      0.40926      0.43870      0.43414      0.41016      0.40109      0.40792      0.41472      0.40735
 3752244.56 |       0.46069      0.57066      0.61628      0.58423      0.56515      0.57278      0.57906      0.55289      0.49441
 3752115.37 |       0.66414      0.86678      0.92030      0.86965      0.87596      0.87233      0.79034      0.65756      0.52033
 3751986.18 |       1.07764      1.52090      1.55644      1.54422      1.47378      1.19976      0.88399      0.63712      0.47171
 3751856.99 |       2.15312      3.53587      3.61815      2.99333      1.92248      1.18105      0.77085      0.54012      0.39980
 3751727.80 |       6.83071     21.36524      8.26645      3.11689      1.51566      0.89791      0.60054      0.43432      0.33130
 3751598.61 |      43.13225     75.28213      3.96941      1.67660      0.96108      0.63464      0.45556      0.34561      0.27273
 3751469.42 |       6.35521      2.77778      1.33490      0.83069      0.56631      0.41929      0.32464      0.26007      0.21382
 3751340.23 |       1.62374      1.08585      0.76320      0.49513      0.38700      0.29418      0.23648      0.19770      0.16797
 3751211.04 |       0.76284      0.58991      0.51896      0.34226      0.26726      0.23173      0.18979      0.15546      0.13349
 3751081.85 |       0.46120      0.37973      0.34279      0.29084      0.19718      0.17076      0.15571      0.13558      0.11467
 3750952.66 |       0.31566      0.26771      0.24145      0.23608      0.17766      0.13061      0.12007      0.11281      0.10166
 3750823.47 |       0.23225      0.20068      0.18454      0.18028      0.16046      0.11972      0.09437      0.08982      0.08621
 3750694.28 |       0.17953      0.15725      0.14745      0.13748      0.13949      0.11269      0.08644      0.07229      0.07018
 3750565.09 |       0.14390      0.12735      0.12056      0.11036      0.11551      0.10403      0.08343      0.06559      0.05767
 3750435.90 |       0.11854      0.10577      0.10023      0.09304      0.09302      0.09380      0.07898      0.06436      0.05183
 3750306.71 |       0.09975      0.08960      0.08456      0.08060      0.07620      0.08166      0.07397      0.06200      0.05105
 3750177.52 |       0.08535      0.07712      0.07234      0.07076      0.06495      0.06875      0.06824      0.05899      0.05013
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM2.5                                                          ***        10/26/10
                                   ***                                                                          ***        18:10:14
                                                                                                                           PAGE  11

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                         ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     374010.40    374149.09    374287.78
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3752761.32 |       0.19571      0.19912      0.20233
 3752632.13 |       0.24605      0.24832      0.24221
 3752502.94 |       0.31286      0.29990      0.27828
 3752373.75 |       0.38024      0.34103      0.29650
 3752244.56 |       0.42144      0.34845      0.28529
 3752115.37 |       0.40606      0.32163      0.26105
 3751986.18 |       0.36254      0.28717      0.23286
 3751856.99 |       0.30882      0.24683      0.20279
 3751727.80 |       0.26254      0.21409      0.17851
 3751598.61 |       0.22166      0.18434      0.15615
 3751469.42 |       0.17945      0.15321      0.13270
 3751340.23 |       0.14467      0.12620      0.11118
 3751211.04 |       0.11782      0.10483      0.09371
 3751081.85 |       0.09813      0.08725      0.07925
 3750952.66 |       0.08993      0.07768      0.06852
 3750823.47 |       0.07905      0.07237      0.06433
 3750694.28 |       0.06846      0.06344      0.05918
 3750565.09 |       0.05662      0.05594      0.05230
 3750435.90 |       0.04739      0.04682      0.04672
 3750306.71 |       0.04234      0.03981      0.03949
 3750177.52 |       0.04141      0.03553      0.03404
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM2.5                                                          ***        10/26/10
                                   ***                                                                          ***        18:10:14
                                                                                                                           PAGE  12

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                         ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

      X-COORD (M)   Y-COORD (M)        CONC                     X-COORD (M)   Y-COORD (M)        CONC
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372687.37    3751957.29       0.99433                   372914.88    3751945.62       1.92953
       373051.97    3751954.38       1.83418                   373154.06    3752021.46       1.28763
       373279.49    3752047.71       1.15558                   372652.37    3751356.42       2.85456
       372789.46    3751359.34       1.67720                   372909.05    3751359.34       1.19937
       372911.97    3751496.43       3.40589
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM2.5                                                          ***        10/26/10
                                   ***                                                                          ***        18:10:14
                                                                                                                           PAGE  13

**MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                              NODRYDPLT NOWETDPLT

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***
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Site #22 – Localized $PM_{2.5}$ Concentrations

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 371513.98	371652.67	371791.36	371930.05	372068.74
3752761.3	0.95549 (07021124)	0.73133m(05010924)	1.28951 (07071924)	1.64404 (06062824)	1.52104 (05082524)
3752632.1	1.08772 (05030524)	1.11816 (07021124)	0.88782m(05010924)	1.54744 (07071924)	1.79821 (06062824)
3752502.9	1.60509 (06110124)	1.19585 (05030524)	1.31338 (07021124)	1.10757m(05010924)	2.11149 (06062824)
3752373.8	1.16544 (06062924)	1.91546 (06110124)	1.55490 (06110124)	1.54347 (07021124)	1.43195m(05010924)
3752244.6	1.30578 (07091324)	1.48424 (07091324)	1.83966 (06110124)	2.44011 (06110124)	1.80333 (07021124)
3752115.4	1.21507 (05092124)	1.20232 (05092124)	1.81940 (07091324)	2.07039 (07091324)	3.23310 (06110124)
3751986.2	1.74828 (07020624)	1.99971 (07020624)	1.85399 (07020624)	1.93343 (05092124)	2.76579 (07091324)
3751857.0	1.48554 (06010124)	1.75883 (06010124)	1.96364 (06010124)	2.59153 (07020624)	3.49592 (07020624)
3751727.8	1.63916 (07010624)	1.95990 (07010624)	2.35895 (07010624)	2.84637 (07010624)	3.62274 (05122624)
3751598.6	1.95485 (07112524)	2.31923 (07112524)	2.80343 (07112524)	3.46634 (07112524)	4.40636 (07112524)
3751469.4	1.86385 (06110924)	2.38535m(05012424)	3.16479m(05012424)	4.25759m(05012424)	5.65144m(05012424)
3751340.2	2.53965m(05012424)	2.93358m(05012424)	3.33269 (06012524)	4.01233 (06012524)	4.69771 (07031324)
3751211.0	2.22099 (06012524)	2.50778 (07031324)	3.04382 (07031324)	3.77440 (06020124)	4.63708 (06122024)
3751081.9	2.26236 (06020124)	2.62221 (06020124)	3.03384 (06122024)	4.01073 (06111624)	4.20744 (05111224)
3750952.7	2.21913 (05112924)	2.63586 (06111624)	3.07370 (06111624)	3.57663 (05111224)	4.10570 (05120824)
3750823.5	2.40438 (06111624)	2.39221 (07123024)	2.99101 (05111224)	3.17071 (05120824)	3.60162 (05100924)
3750694.3	1.91784 (07123024)	2.49909 (05111224)	2.54027 (05120824)	2.90334 (05100924)	2.91616 (05060724)
3750565.1	2.10153 (05111224)	2.09337 (05120824)	2.38644 (05100924)	2.43070 (05060724)	2.13256 (05122924)
3750435.9	1.77427 (07070124)	1.99460 (05100924)	1.98395 (05060724)	1.84094 (05122924)	1.65470 (05091724)
3750306.7	1.69172 (05100924)	1.64484 (05100924)	1.68213 (05060724)	1.44687 (06030424)	1.53211 (07013024)
3750177.5	1.49047 (05100924)	1.55192 (05060724)	1.34452 (06030424)	1.28635 (05091724)	1.34738 (07013024)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372207.43	372346.12	372484.81	372623.50	372762.19
3752761.3	1.38147 (05101024)	1.94448 (06090524)	1.64133 (06090524)	1.84567 (06091124)	2.06892 (07050924)
3752632.1	1.63445 (05101024)	1.49529 (06090524)	2.36433 (06090524)	2.16442 (06091124)	2.31728 (07050924)
3752502.9	1.83866 (06062824)	1.94694 (05101024)	2.97410 (06090524)	2.43156 (06091124)	2.60821 (07050924)
3752373.8	2.86500 (06062824)	2.53962 (05082524)	2.72055 (06090524)	3.21106 (06090524)	3.16226 (07030724)
3752244.6	1.94446m(05010924)	3.78415 (06062824)	2.98458 (05101024)	4.83085 (06090524)	4.05902 (07030724)
3752115.4	2.31452 (05030524)	2.83621m(05010924)	4.67037 (06062824)	5.79709 (06090524)	5.86267 (06091124)
3751986.2	3.16131 (06110124)	4.37568 (06110124)	4.63430m(05010924)	5.84884 (05082524)	10.68882 (06090524)
3751857.0	3.95915 (07020624)	4.90066 (07091324)	7.39127 (06110124)	9.61841 (06062824)	20.54700 (06090524)
3751727.8	4.62479 (05122624)	5.93991 (06010124)	9.05348 (07020624)	17.02398 (07020624)	38.68342m(05010924)
3751598.6	5.88334 (06110924)	8.39733 (06110924)	15.45714m(05012424)	31.57688m(05012424)	118.43837 (07112524)
3751469.4	7.16930 (06012524)	9.86516 (06012524)	15.09804 (05121124)	26.41097 (06123024)	32.98211 (06010524)
3751340.2	6.20298 (05121124)	8.78667 (06111624)	13.05298 (05120824)	15.17011 (05122924)	13.82584 (05020424)
3751211.0	6.03790 (07123024)	8.13195 (05120824)	9.36593 (05122924)	8.71245 (06120424)	9.93573 (07081524)
3751081.9	5.58483 (05120824)	6.01089 (05122924)	4.96913 (05112824)	5.66233 (06120424)	8.23756 (07081524)
3750952.7	4.57174 (05100924)	4.33196 (05122924)	4.21904 (06120424)	4.63645 (05020424)	6.76306 (07081524)
3750823.5	3.48771 (05122924)	2.93976 (05112824)	3.39880 (06120424)	3.47791 (05020424)	5.62908 (07081524)
3750694.3	2.37887 (06030424)	2.54106 (06120424)	2.63628 (05111124)	2.60436 (06112824)	4.80029 (07081524)
3750565.1	1.93229 (05112824)	2.25732 (06120424)	2.34410 (05020424)	2.24443 (05102624)	4.18679 (07081524)
3750435.9	1.75206 (07013024)	1.80979 (06120424)	2.01017 (05020424)	2.02215 (05102624)	3.71581 (07081524)
3750306.7	1.60869 (06120424)	1.74112 (05111124)	1.66422 (05020424)	1.75170 (05102624)	3.33984 (07081524)
3750177.5	1.39493 (06120424)	1.43158 (05020424)	1.34683 (05020424)	1.46359 (05102624)	3.03069 (07081524)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 372900.88	373039.57	373178.26	373316.95	373455.64
3752761.3	2.04664 (07072624)	2.31981 (07083124)	1.91504 (07083124)	1.68838 (05052624)	2.33325 (07071524)
3752632.1	2.34366 (07083124)	2.83774 (07083124)	2.33025 (05052624)	2.05465 (07071524)	2.57227 (07071524)
3752502.9	2.97833 (07083124)	3.45225 (07083124)	2.79829 (05052624)	3.36911 (07071524)	1.76148 (07071524)
3752373.8	3.95365 (07083124)	4.08919 (07083124)	2.93534 (05052624)	3.50035 (07071524)	2.61487 (07092824)
3752244.6	5.55686 (07083124)	4.57282 (07083124)	5.41735 (07071524)	3.06092 (07031824)	3.24330 (07092824)
3752115.4	8.39080 (07083124)	6.31654 (05052624)	5.04868 (07071524)	4.87072 (07092824)	6.18720 (06101024)
3751986.2	13.67953 (07083124)	10.70883 (07071524)	7.99692 (07092824)	10.24819 (06101024)	7.82984 (06101024)
3751857.0	23.83718 (07083124)	15.75194 (07092824)	18.80954 (06101024)	9.26824 (06052024)	6.76949 (05090224)
3751727.8	59.21185 (07031824)	32.38626 (06101024)	16.30757 (05081824)	8.75373 (05081824)	6.13185 (06050424)
3751598.6	205.95259 (06051424)	26.77535 (06060724)	12.59445 (07051524)	8.08326 (07051524)	5.57099 (07051524)
3751469.4	24.80972 (05120324)	12.12684 (06051424)	7.58644 (05070224)	6.30414 (07110724)	4.47964 (07110724)
3751340.2	13.96535 (07081524)	6.23140 (05061324)	5.84756 (05082324)	4.19545 (06051424)	3.48147 (05070224)
3751211.0	10.41841 (07081524)	5.36353 (05120324)	3.86936 (07092724)	3.65226 (05082324)	3.36400 (06051424)
3751081.9	8.29957 (07081524)	3.81293 (05120324)	2.89533 (07021324)	3.06014 (07092724)	2.49903 (05082324)
3750952.7	6.83814 (07081524)	3.07345 (05091724)	2.59107 (05081524)	2.66152 (07090824)	2.18936 (07092724)
3750823.5	5.75996 (07081524)	2.33378 (05091724)	2.05148 (05120324)	1.69397 (07021324)	1.88105 (06071724)
3750694.3	4.93475 (07081524)	2.10596 (07120824)	1.58245 (05120324)	1.62977 (05081524)	2.31241 (07090824)
3750565.1	4.28770 (07081524)	1.88114 (07120824)	1.60483 (05091724)	1.47573 (05081524)	1.12452 (07081224)
3750435.9	3.77053 (07081524)	1.60749 (07120824)	1.63157 (05091724)	1.25043 (06072824)	1.12642 (05081524)
3750306.7	3.35047 (07081524)	1.32341 (07120824)	1.32121 (05091724)	0.99004 (07051824)	1.11542 (05081524)
3750177.5	3.00413 (07081524)	1.06068 (07120824)	0.95708 (07120824)	0.89906 (05091724)	0.98054 (06072824)

**MODELOPTs: NonDFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Site #22 – Localized $PM_{2.5}$ Concentrations

```
                                    ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       373594.33              373733.02              373871.71              374010.40              374149.09
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3752761.3 |      1.58164 (07071524)      1.16208 (06051624)      1.56855 (07092824)      1.19184 (06081224)      1.37602 (06101024)
3752632.1 |      1.31204 (07031824)      1.88192 (07092824)      1.41993 (06081224)      1.72516 (06101024)      2.02805 (06101024)
3752502.9 |      2.23298 (07092824)      1.73076 (06081224)      2.22255 (06101024)      2.50039 (06101024)      2.27546 (06101024)
3752373.8 |      2.29347 (07092824)      2.96353 (06101024)      3.17539 (06101024)      2.88691 (06101024)      2.53879 (06101024)
3752244.6 |      4.13922 (06101024)      4.21561 (06101024)      3.66687 (06101024)      2.63144 (06101024)      1.92871 (06052024)
3752115.4 |      5.84848 (06101024)      4.21708 (06101024)      2.80708 (06052024)      2.33379 (05090224)      2.31719 (05090224)
3751986.2 |      4.58307 (06052024)      3.75014 (05090224)      3.31655 (05090224)      3.03372 (05081824)      2.58425 (05081824)
3751857.0 |      5.68901 (05081824)      4.23245 (05081824)      2.91214 (05081824)      2.34420 (06050424)      2.10542 (06050424)
3751727.8 |      4.49955 (06050424)      3.35194 (06050424)      2.53806 (06050424)      1.95767 (06050424)      1.53873 (06050424)
3751598.6 |      4.07197 (07051524)      3.11823 (07051524)      2.47535 (07051524)      2.02093 (07051524)      1.68706 (07051524)
3751469.4 |      3.21316 (06060724)      2.56492 (06060724)      2.10692 (06060724)      1.85558 (07051524)      1.62581 (07051524)
3751340.2 |      2.86424 (07110724)      2.80559 (07110724)      2.15340 (07110724)      1.49126 (07110724)      1.36449 (07090724)
3751211.0 |      2.49404 (05070224)      2.07181 (05070224)      1.50122 (07110724)      1.75780 (07110724)      1.63406 (07110724)
3751081.9 |      2.46467 (06051424)      1.73065 (06051424)      1.68121 (05070224)      1.40553 (05070224)      0.99085 (07111824)
3750952.7 |      1.85068 (07013024)      1.79652 (05082324)      1.63703 (06051424)      1.21588 (05070224)      1.21391 (05070224)
3750823.5 |      1.49304 (07092724)      1.45041 (07013024)      1.51922 (05082324)      1.40828 (06051424)      0.98927 (06051424)
3750694.3 |      1.44506 (07092724)      1.12929 (05062324)      1.16752 (07013024)      1.28097 (05082324)      1.15444 (06051424)
3750565.1 |      2.03806 (07090824)      1.40079 (07092724)      0.98376 (05062324)      0.96025 (07013024)      1.08417 (05082324)
3750435.9 |      1.75698 (07090824)      1.34600 (07090824)      1.21582 (07092724)      0.84745 (05062324)      0.80414 (07013024)
3750306.7 |      0.80722 (07081224)      1.96075 (07090824)      0.91444 (06071724)      0.98554 (07092724)      0.76300 (06081624)
3750177.5 |      0.85614 (06072724)      1.26533 (07090824)      1.63961 (07090824)      0.78230 (07092724)      0.77126 (07092724)
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM2.5                                                  ***       10/26/10
                                  ***                                                                  ***       18:10:14
                                                                                                                 PAGE  17
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

 Y-COORD  |                                          X-COORD (METERS)
 (METERS) |       374287.78
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3752761.3 |      1.67671 (06101024)
3752632.1 |      1.90671 (05082724)
3752502.9 |      2.15140 (06101024)
3752373.8 |      1.79323 (06042824)
3752244.6 |      1.69076 (07032124)
3752115.4 |      2.01579 (05081824)
3751986.2 |      2.06447 (05081824)
3751857.0 |      1.85398 (06050424)
3751727.8 |      1.25180 (06042124)
3751598.6 |      1.43375 (07051524)
3751469.4 |      1.42589 (07051524)
3751340.2 |      1.23187 (07090724)
3751211.0 |      1.31394 (07110724)
3751081.9 |      1.12835 (07110724)
3750952.7 |      1.03207 (05070224)
3750823.5 |      0.95389 (05070224)
3750694.3 |      0.99291 (06051424)
3750565.1 |      0.92789 (06051424)
3750435.9 |      0.92388 (05082324)
3750306.7 |      0.71877 (06081624)
3750177.5 |      0.74811 (06081624)
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM2.5                                                  ***       10/26/10
                                  ***                                                                  ***       18:10:14
                                                                                                                 PAGE  18
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      VOL1    , AREA1   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372687.37   3751957.29        9.53174  (06090524)              372914.88   3751945.62       15.56641  (07083124)
       373051.97   3751954.38       10.72118  (07071524)              373154.06   3752021.46        6.75028  (07092824)
       373279.49   3752047.71        5.40893  (07092824)              372652.37   3751356.42       15.10035  (05122924)
       372789.46   3751359.34       22.62170  (07081524)              372909.05   3751359.34       11.76779  (05120324)
       372911.97   3751496.43       26.99192  (05120324)
*** AERMOD - VERSION 09292 ***    *** Site 22 - PM2.5                                                  ***       10/26/10
                                  ***                                                                  ***       18:10:14
                                                                                                                 PAGE  19
**MODELOPTs:  NonDFAULT CONC                              FLAT
                                                          NODRYDPLT NOWETDPLT

                                  *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER   3 YEARS ***

                                   ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

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

ALL      1ST HIGHEST VALUE IS      75.28213 AT (  372900.88,  3751598.61,    10.00,    10.00,    0.00)  GC  UCART1
         2ND HIGHEST VALUE IS      43.13225 AT (  372762.19,  3751598.61,    10.00,    10.00,    0.00)  GC  UCART1
         3RD HIGHEST VALUE IS      21.36524 AT (  372900.88,  3751727.80,    10.00,    10.00,    0.00)  GC  UCART1
         4TH HIGHEST VALUE IS       8.26645 AT (  373039.57,  3751727.80,    10.00,    10.00,    0.00)  GC  UCART1
         5TH HIGHEST VALUE IS       6.83071 AT (  372762.19,  3751727.80,    10.00,    10.00,    0.00)  GC  UCART1
         6TH HIGHEST VALUE IS       6.82719 AT (  372623.50,  3751469.42,    10.00,    10.00,    0.00)  GC  UCART1
         7TH HIGHEST VALUE IS       6.35521 AT (  372762.19,  3751469.42,    10.00,    10.00,    0.00)  GC  UCART1
         8TH HIGHEST VALUE IS       6.14728 AT (  372623.50,  3751598.61,    10.00,    10.00,    0.00)  GC  UCART1
         9TH HIGHEST VALUE IS       3.96941 AT (  373039.57,  3751598.61,    10.00,    10.00,    0.00)  GC  UCART1
        10TH HIGHEST VALUE IS       3.61815 AT (  373039.57,  3751856.99,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
```

Site #22 – Localized $PM_{2.5}$ Concentrations

```
                    DC = DISCCART
                    DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Site 22 - PM2.5                                                    ***        10/26/10
                                   ***                                                                    ***        18:10:14
                                                                                                                     PAGE  20
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

                                          *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***


                                    ** CONC OF PM2.5    IN MICROGRAMS/M**3                        **

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

ALL      HIGH  1ST HIGH VALUE IS     205.95259  ON 06051424: AT (  372900.88,  3751598.61,    10.00,    10.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Site 22 - PM2.5                                                    ***        10/26/10
                                   ***                                                                    ***        18:10:14
                                                                                                                     PAGE  21
 **MODELOPTs:  NonDFAULT CONC                                  FLAT
                                                               NODRYDPLT NOWETDPLT

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            0 Warning Message(s)
 A Total of          152 Informational Message(s)

 A Total of        26280 Hours Were Processed

 A Total of           15 Calm Hours Identified

 A Total of          137 Missing Hours Identified (  0.52 Percent)


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


    ********   WARNING MESSAGES   ********
               ***  NONE  ***


    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

Technical Advisory

CEQA AND CLIMATE CHANGE: Addressing Climate Change Through California Environmental Quality Act (CEQA) Review

This technical advisory is one in a series of advisories provided by the Governor's Office of Planning and Research (OPR) as a service to professional planners, land use officials and CEQA practitioners. OPR issues technical guidance from time to time on issues that broadly affect the practice of CEQA and land use planning. The emerging role of CEQA in addressing climate change and greenhouse gas emissions has been the topic of much discussion and debate in recent months. This document provides OPR's perspective on the issue.

I. PURPOSE

General scientific consensus and increasing public awareness regarding global warming and climate change have placed new focus on the California Environmental Quality Act (CEQA) review process as a means to address the effects of greenhouse gas (GHG) emissions from proposed projects on climate change. Many public agencies—along with academic, business, and community organizations—are striving to determine the appropriate means by which to evaluate and mitigate the impacts of proposed projects on climate change. Approaches and methodologies for calculating GHG emissions and addressing the environmental impacts through CEQA review are rapidly evolving and are increasingly available to assist public agencies to prepare their CEQA documents and make informed decisions.

JUNE 19, 2008

STATE OF CALIFORNIA
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The Governor's Office of Planning and Research (OPR) will develop, and the California Resources Agency (Resources Agency) will certify and adopt amendments to the Guidelines implementing the California Environmental Quality Act ("CEQA Guidelines"), on or before January 1, 2010, pursuant to Senate Bill 97 (Dutton, 2007). These new CEQA Guidelines will provide regulatory guidance on the analysis and mitigation of GHG emissions in CEQA documents. In the interim, OPR offers the following informal guidance regarding the steps lead agencies should take to address climate change in their CEQA documents. This guidance was developed in cooperation with the Resources Agency, the California Environmental Protection Agency (Cal/EPA), and the California Air Resources Board (ARB).

II. BACKGROUND

Climate change refers to any significant change in measures of climate, such as average temperature, precipitation, or wind patterns over a period of time. Climate change may result from natural factors, natural processes, and human activities that change the composition of the atmosphere and alter the surface and features of the land. Significant changes in global climate patterns have recently been associated with global warming, an average increase in the temperature of the atmosphere near the Earth's surface, attributed to accumulation of GHG emissions in the atmosphere. Greenhouse gases trap heat in the atmosphere, which in turn heats the surface of the Earth. Some GHGs occur naturally and are emitted to the atmosphere through natural processes, while others are created and emitted solely through human activities. The emission of GHGs through the combustion of fossil fuels (i.e., fuels containing carbon) in conjunction with other human activities, appears to be closely associated with global warming.

State law defines GHG to include the following: carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride (Health and Safety Code, section 38505(g).) The most common GHG that results from human activity is carbon dioxide, followed by methane and nitrous oxide.

Requirements of AB 32 and SB 97

Assembly Bill 32 (AB 32), the California Global Warming Solutions Act of 2006 (Nunez, 2006), recognizes that California is the source of substantial amounts of GHG emissions. The statute begins with several legislative findings and declarations of intent, including the following:

> Global warming poses a serious threat to the economic well-being, public health, natural resources, and the environment of California. The potential adverse impacts of global warming include the exacerbation of air quality problems, a reduction in the quality and supply of water to the state from the Sierra snow pack, a rise in sea levels resulting in the displacement of thousands of coastal businesses and residences, damage to marine ecosystems and the natural environment, and an increase in the incidences of infectious diseases, asthma, and other human health-related problems. (Health and Safety Code, section 38501.)

In order to avert these consequences, AB 32 establishes a state goal of reducing GHG emissions to 1990 levels by the year 2020 (a reduction of approximately 25 percent from forecast emission levels) with further reductions to follow. The law requires the ARB to establish a program to track and report GHG emissions; approve a scoping plan for achieving the maximum technologically feasible and cost effective reductions from sources of GHG emissions; adopt early reduction measures to begin moving forward; and adopt, implement and enforce regulations – including market mechanisms such as "cap-and-trade" programs – to ensure the required reductions occur. The ARB recently adopted a statewide GHG emissions limit and an emissions inventory, along with requirements to measure, track, and report GHG emissions by the industries it determined to be significant sources of GHG emissions.

CEQA requires public agencies to identify the potentially significant effects on the environment of projects they intend to carry out or approve, and to mitigate significant effects whenever it is feasible to do so. While AB 32 did not amend CEQA to require new analytic processes to account for the environmental impacts of GHG emissions from projects subject to CEQA, it does acknowledge that such emissions cause significant adverse impacts to human health and the environment.

Senate Bill 97, enacted in 2007, amends the CEQA statute to clearly establish that GHG emissions and the effects of GHG emissions are appropriate subjects for CEQA analysis. It directs OPR to develop draft CEQA Guidelines "for the mitigation of greenhouse gas emissions or the effects of greenhouse gas emissions" by July 1, 2009 and directs the Resources Agency to certify and adopt the CEQA Guidelines by January 1, 2010.

Requirements of CEQA

CEQA is a public disclosure law that requires public agencies to make a

good-faith, reasoned effort, based upon available information, to identify the potentially significant direct and indirect environmental impacts—including cumulative impacts— of a proposed project or activity. The CEQA process is intended to inform the public of the potential environmental effects of proposed government decisions and to encourage informed decision-making by public agencies. In addition, CEQA obligates public agencies to consider less environmentally-damaging alternatives and adopt feasible mitigation measures to reduce or avoid a project's significant impacts.

The lead agency is required to prepare an Environmental Impact Report (EIR), a Mitigated Negative Declaration, or equivalent document, when it determines that the project's impacts on the environment are potentially significant. This determination of significance must be based upon substantial evidence in light of all the information before the agency.

Although the CEQA Guidelines, at Appendix G, provide a checklist of suggested issues that should be addressed in an EIR, neither the CEQA statute nor the CEQA Guidelines prescribe thresholds of significance or particular methodologies for performing an impact analysis. This is left to lead agency judgment and discretion, based upon factual data and guidance from regulatory agencies and other sources where available and applicable. A threshold of significance is essentially a regulatory standard or set of criteria that represent the level at which a lead agency finds a particular environmental effect of a project to be significant. Compliance with a given threshold means the effect normally will be considered less than significant. Public agencies are encouraged but not required to adopt thresholds of significance for environmental impacts. Even in the absence of clearly defined thresholds for GHG emissions, the law requires that such emissions from CEQA projects must be disclosed and mitigated to the extent feasible whenever the lead agency determines that the project contributes to a significant, cumulative climate change impact.

We realize that perhaps the most difficult part of the climate change analysis will be the determination of significance. Although lead agencies typically rely on local or regional definitions of significance for most environmental issues, the global nature of climate change warrants investigation of a statewide threshold of significance for GHG emissions. To this end, OPR has asked ARB technical staff to recommend a method for setting thresholds which will encourage consistency and uniformity in the CEQA analysis of GHG emissions throughout the state. Until such time as state guidance is available on thresholds of significance for GHG emissions, we recommend the following approach to your CEQA analysis.

III. RECOMMENDED APPROACH

Each public agency that is a lead agency for complying with CEQA needs to develop its own approach to performing a climate change analysis for projects that generate GHG emissions. A consistent approach should be applied for the analysis of all such projects, and the analysis must be based on best available information. For these projects, compliance with CEQA entails three basic steps: identify and quantify the GHG emissions; assess the significance of the impact on climate change; and if the impact is found to be significant, identify alternatives and/or mitigation measures that will reduce the impact below significance.

Lead agencies should determine whether greenhouse gases may be generated by a proposed project, and if so, quantify or estimate the GHG emissions by type and source. Second, the lead agency must assess whether those emissions are individually or cumulatively significant. When assessing whether a project's effects on climate change are "cumulatively considerable" even though its GHG contribution may be individually limited, the lead agency must consider the impact of the project when viewed in connection with the effects of past, current, and probable future projects. Finally, if the lead agency determines that the GHG emissions from the project as proposed are potentially significant, it must investigate and implement ways to avoid, reduce, or otherwise mitigate the impacts of those emissions. Although the scientific knowledge and understanding of how best to perform this analysis is rudimentary and still evolving, many useful resources are available (see Attachment 1).

Until such time as further state guidance is available on thresholds of significance, public agencies should consider the following general factors when analyzing whether a proposed project has the potential to cause a significant climate change impact on the environment.

Identify GHG Emissions

- Lead agencies should make a good-faith effort, based on available information, to calculate, model, or estimate the amount of CO_2 and other GHG emissions from a project, including the emissions associated with vehicular traffic, energy consumption, water usage and construction activities.
- Technical resources, including a variety of modeling tools, are available to assist public agencies to quantify GHG emissions. OPR recognizes that more sophisticated emissions models for particular types of projects are continually being developed and that the state-of-the-art quantification

models are rapidly changing. OPR will periodically update the examples of modeling tools identified in Attachment 2.

- There is no standard format for including the analysis in a CEQA document. A GHG/climate change analysis can be included in one or more of the typical sections of an EIR (e.g., air quality, transportation, energy) or may be provided in a separate section on cumulative impacts or climate change.

Determine Significance

- When assessing a project's GHG emissions, lead agencies must describe the existing environmental conditions or setting, without the project, which normally constitutes the baseline physical conditions for determining whether a project's impacts are significant.
- As with any environmental impact, lead agencies must determine what constitutes a significant impact. In the absence of regulatory standards for GHG emissions or other scientific data to clearly define what constitutes a "significant impact", individual lead agencies may undertake a project-by-project analysis, consistent with available guidance and current CEQA practice.
- The potential effects of a project may be individually limited but cumulatively considerable. Lead agencies should not dismiss a proposed project's direct and/or indirect climate change impacts without careful consideration, supported by substantial evidence. Documentation of available information and analysis should be provided for any project that may significantly contribute new GHG emissions, either individually or cumulatively, directly or indirectly (e.g., transportation impacts).
- Although climate change is ultimately a cumulative impact, not every individual project that emits GHGs must necessarily be found to contribute to a significant cumulative impact on the environment. CEQA authorizes reliance on previously approved plans and mitigation programs that have adequately analyzed and mitigated GHG emissions to a less than significant level as a means to avoid or substantially reduce the cumulative impact of a project.

Mitigate Impacts

- Mitigation measures will vary with the type of project being contemplated, but may include alternative project designs or locations that conserve energy and water, measures that reduce vehicle miles traveled

(VMT) by fossil-fueled vehicles, measures that contribute to established regional or programmatic mitigation strategies, and measures that sequester carbon to offset the emissions from the project.

- The lead agency must impose all mitigation measures that are necessary to reduce GHG emissions to a less than significant level. CEQA does not require mitigation measures that are infeasible for specific legal, economic, technological, or other reasons. A lead agency is not responsible for wholly eliminating all GHG emissions from a project; the CEQA standard is to mitigate to a level that is "less than significant".
- If there are not sufficient mitigation measures that the lead agency determines are feasible to achieve the less than significant level, the lead agency should adopt those measures that are feasible, and adopt a Statement of Overriding Considerations that explains why further mitigation is not feasible. A Statement of Overriding Considerations must be prepared when the lead agency has determined to approve a project for which certain impacts are unavoidable. These statements should explain the reasons why the impacts cannot be adequately mitigated in sufficient detail, and must be based on specific facts, so as not to be conclusory.
- Agencies are encouraged to develop standard GHG emission reduction or mitigation measures that can be applied on a project-by-project basis. Attachment 3 contains a preliminary menu of measures that lead agencies may wish to consider. This list is by no means exhaustive or prescriptive. Lead agencies are encouraged to develop their own measures and/or propose project alternatives to reduce GHG emissions, either at a programmatic level or on a case-by-case review.
- In some cases GHG emission reduction measures will not be feasible or may not be effective at a project level. Rather, it may be more appropriate and more effective to develop and adopt program-level plans, policies and measures that will result in a reduction of GHG emissions on a regional level.

IV. ADDITIONAL LAND USE CONSIDERATIONS

CEQA can be a more effective tool for GHG emissions analysis and mitigation if it is supported and supplemented by sound development policies and practices that will reduce GHG emissions on a broad planning scale and that can provide the basis for a programmatic approach to project-specific CEQA analysis and mitigation.

Local governments with land use authority are beginning to establish policies that result in land use patterns and practices that will result in less energy use and reduce GHG emissions. For example, some cities and counties have adopted general plans and policies that encourage the development of compact, mixed-use, transit-oriented development that reduces VMT; encourage alternative fuel vehicle use; conserve energy and water usage; and promote carbon sequestration. Models of such developments exist throughout the state (see OPR climate change website for examples of city and county plans and policies, referenced in Attachment 1).

For local government lead agencies, adoption of general plan policies and certification of general plan EIRs that analyze broad jurisdiction-wide impacts of GHG emissions can be part of an effective strategy for addressing cumulative impacts and for streamlining later project-specific CEQA reviews.

International, national, and statewide organizations such as ICLEI (Local Governments for Sustainability), the Cities for Climate Protection, and the Clean Cities Coalition —to name just a few — have published guidebooks to help local governments reduce GHG emissions through land use planning techniques and improved municipal operations. Links to these resources are provided at the end of this advisory.

Regional agencies can also employ a variety of strategies to reduce GHG emissions through their planning processes. For example, regional transportation planning agencies adopt plans and programs that address congestion relief, jobs-to-housing balance, reduction of vehicle miles traveled (VMT), and other issues that have implications for GHG emission reductions.

State agencies are also tackling the issue of climate change. Some have adopted or support policies and programs that take climate change into account, including the Department of Water Resources' State Water Plan; the Department of Transportation's State Transportation Plan; and the Business, Housing and Transportation Agency's Regional Blueprint Planning Program. These efforts not only raise public awareness of climate change and how the State can reduce GHG emissions, but also offer specific information and resources for lead agencies to consider.

V. NEXT STEPS

OPR has asked ARB technical staff to recommend a method for setting a threshold of significance for GHG emissions. OPR has requested that the ARB identify a range of feasible options, including qualitative and quantitative options.

OPR is actively seeking input from the public and stakeholder groups, as it develops draft CEQA Guidelines for GHG emissions. OPR is engaged with the Resources Agency and other expert state agencies, local governments, builders and developers, environmental organizations, and others with expertise or an interest in the development of the Guidelines.

OPR will conduct public workshops later this year to receive input on the scope and content of the CEQA Guidelines amendments. It is OPR's intent to release a preliminary draft of the CEQA Guidelines amendments for public review and comment in the fall. This will enable OPR to deliver a proposed package of CEQA Guidelines amendments to the Resources Agency as early as January 2009, well before the statutory due date of July 1, 2009.

We encourage public agencies and the public to refer to the OPR website at www.opr.ca.gov for information about the CEQA Guidelines development process and to subscribe to OPR's notification system for announcements and updates.

For more information about this technical advisory and assistance in addressing the impacts of GHG emissions on the environment, please contact:

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ATTACHMENTS

1. References and Information Sources
2. Technical Resources/Modeling Tools to Estimate GHG Emissions
3. Examples of GHG Reduction Measures

Attachment 1

References and Information Sources

The following is a list of websites of organizations that can offer additional information regarding methods to characterize, quantify, assess and reduce GHG emissions. In addition, a list of useful resources and reference materials is provided on the subject of climate change and greenhouse gases.

ORGANIZATIONS

- Governor's Office of Planning and Research
  http://www.opr.ca.gov
- California Climate Action Team
  http://www.climatechange.ca.gov/climate_action_team/
- California Climate Change Portal
  http://www.climatechange.ca.gov
- California Air Resources Board Climate Change Website
  http://www.arb.ca.gov/cc/cc.htm
- California Climate Action Registry
  http://www.climateregistry.org/
- California Department of Water Resources, Climate Change and California Water Plan Website
  http://www.waterplan.water.ca.gov/climate/
- California Energy Commission Climate Change Proceedings
  http://www.energy.ca.gov/global_climate_change/index.html
- California Public Utilities Commission, Climate Change Website
  http://www.cpuc.ca.gov/static/energy/electric/climate+change/_index.htm
- Green California Website
  http://www.green.ca.gov/default.htm
- Western Climate Initiative
  http://www.westernclimateinitiative.org

- California Air Pollution Control Officers Association
  http://www.capcoa.org
- Local Governments for Sustainability (ICLEI)
  http://www.iclei.org/
- ICLEI Cities for Climate Protection (CCP)
  http://www.iclei.org/index.php?id=800
- United Nations Framework Convention on Climate Change
  http://unfccc.int/2860.php
- Intergovernmental Panel on Climate Change
  http://www.ipcc.ch
- United States Environmental Protection Agency
  http://www.epa.gov/climatechange/
- City of Seattle U.S. Mayors Climate Protection Agreement
  http://www.seattle.gov/mayor/climate/
- Mayors for Climate Protection
  http://www..coolmayors.com
- U.S. Conference of Mayors Climate Protection Web Page
  http://usmayors.org/climateprotection
- Institute for Local Government California Climate Action Network
  http://www.ca-ilg.org/climatechange

STATUTES, REGULATIONS, AND EXECUTIVE ORDERS

- SB 97
  http://opr.ca.gov/ceqa/pdfs/SB_97_bill_20070824_chaptered.pdf
- SB 97 Governor's Signing Message
  http://opr.ca.gov/ceqa/pdfs/SB-97-signing-message.pdf
- AB 32
  http://www.leginfo.ca.gov/pub/05-06/bill/asm/ab_0001-0050/ab_32_bill_20060927_chaptered.pdf
- AB 1493
  http://www.leginfo.ca.gov/pub/01-02/bill/asm/ab_1451-1500/ab_1493_bill_20020722_chaptered.pdf

- Regulations implementing AB 1493

  http://www.arb.ca.gov/regact/grnhsgas/revfro.pdf and http://www.arb.ca.gov/regact/grnhsgas/revtp.pdf

- SB 1368

  http://www.leginfo.ca.gov/pub/05-06/bill/sen/sb_1351-1400/sb_1368_bill_20060929_chaptered.pdf

- Executive Order S-01-07 regarding low carbon standard for transportation fuels

  http://gov.ca.gov/index.php?/executive-order/5172/

- Executive Order S-20-06 regarding implementation of AB 32

  http://gov.ca.gov/index.php?/executive-order/4484/

- Executive Order S-3-05 regarding greenhouse gas goals

  http://gov.ca.gov/index.php?/executive-order/1861/

- Executive Order S-20-04 regarding energy conservation by state

  http://gov.ca.gov/index.php?/executive-order/3360/

REPORTS

- OPR List of Environmental Documents Addressing Climate Change

  http://opr.ca.gov/ceqa/pdfs/Environmental_Assessment_Climate_Change.pdf

- OPR List of Local Plans Addressing Climate Change

  http://opr.ca.gov/ceqa/pdfs/City_and_County_Plans_Addressing_Climate_Change.pdf

- *Climate Action Team Proposed Early Action Measures to Mitigate Climate Change in California*, April 2007

  http://www.climatechange.ca.gov/climate_action_team/reports/2007-04-20_CAT_REPORT.PDF

- California Air Resources Board, *Early Action Items to Mitigate Climate Change in California*, October 2007

  http://www.arb.ca.gov/cc/ccea/meetings/ea_final_report.pdf

- California Air Resourced Board, *Draft Greenhouse Gas Inventory*, November 2007

  http://www.arb.ca.gov/cc/inventory/data/tables/rpt_Inventory_IPCC_All_2007-11-19.pdf

- *Climate Action Team Report to the Governor and Legislature*, March 2006, http://www.climatechange.ca.gov/climate_action_team/reports/index.html

- California Climate Change Center, *Our Changing Planet: Assessing the Risks to California - Summary Report*

  http://www.energy.ca.gov/2006publications/CEC-500-2006-077/CEC-500-2006-077.PDF

  Detailed reports available at: http://www.climatechange.ca.gov/biennial_reports/2006report/index.html

- California Energy Commission, *2007 Integrated Energy Policy Report Update*

  http://www.energy.ca.gov/2007publications/CEC-100-2007-008/CEC-100-2007-008-CMF.PDF

- California Department of Water Resources, *Progress on Incorporating Climate Change into Management of California's Water Resources*

  http://baydeltaoffice.water.ca.gov/climatechange/DWRClimateChangeJuly06.pdf - pagemode=bookmarks&page=1

- *Climate Action Program at Caltrans*, December 2006

  http://www.dot.ca.gov/docs/ClimateReport.pdf

- California Air Pollution Control Officers Association, *CEQA & Climate Change,* January 2008

  http://www.capcoa.org/ceqa/CAPCOA%20White%20Paper%20-%20CEQA%20and%20Climate%20Change.pdf

- West Coast Governors' Global Warming Initiative, November 2004

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Attachment 2

Technical Resources/Modeling Tools to Estimate GHG Emissions

TOOL	AVAILABILITY	SCOPE LOCAL/ REGIONAL	SCOPE TRANSPORTATION/ BUILDINGS	DATA INPUT REQUIREMENTS	DATA OUTPUT
URBEMIS	• Download • Public domain (free)	• Local project level	• Transportation • Some building (area source) outputs • Construction	• Land use information • Construction, area source, and transportation assumptions	• CO2 (pounds per day) • Mitigation impacts
Clean Air and Climate Protection (CACP) Software	• Download • Available to public agencies (free)	• Local project level	• Buildings • Communities • Governments	• Energy usage • Waste generation and disposal • Transportation fuel usage or VMT	• CO2e (tons per year)
Sustainable Communities Model (SCM)	• Custom model	• Regional • Scalable to site level	• Transportation • Buildings • Neighborhoods • Master planned communities	• Location and site specific information • Transportation assumptions • On-site energy usage	• CO2e (tons per year)
Internet-accessed Planning for Community Energy, Economic and Environmental Sustainability I-PLACE^{3}S	• Web-based • Small access fee • Full model now available in eight CA counties	• Regional • Scalable to site level	• Transportation • Housing • Land Use • Buildings • Energy • Economics	• Parcel level land use data (ability to work with less data) • Project-level data for alternative comparisons	• CO2 (any quantity over any time)
Climate Action Registry Reporting On-Line Tool (CARROT)	• Web-based • Available to Registry members • General public can view entity reports	• Regional, scalable to entity and facility level	• General Reporting and Certification Protocols o Transportation o Buildings/facilities • Specific protocols for some sectors	• Mobile source combustion (VMT or fuel usage) • Stationary combustion (fuel usage) • Indirect emissions (electricity usage)	• Each GHG and CO2e (tons per year)
EMFAC	• Download • Public domain (free)	• Statewide • Regional (air basin level)	• Transportation emission factors	• Travel activity data to calculate CO2 from projects.	• CO2 and methane (grams per mile) emission factors

VMT = Vehicle miles traveled
eCO2 = Carbon dioxide equivalent emissions
Note: This is not meant to be a definitive list of modeling tools to estimate climate change emissions impacts. Other tools may be available.

Description of Modeling Tools

URBEMIS

The Urban Emissions Model is used extensively during the CEQA process by local air districts and consultants to determine the impacts of projects on criteria pollutants. It was recently updated to calculate CO2 emissions as well. Future updates will include additional greenhouse gases. URBEMIS uses the ITE Trip Generation Rate Manual and the Air Resources Board's (ARB) motor vehicle emissions model (EMFAC) to calculate transportation-related CO2 emissions and ARB's OFFROAD2007 model for CO2 emissions from off-road equipment. Area source outputs include natural gas use, landscaping equipment, consumer products, architectural coatings, and fireplaces. It also estimates construction impacts and impacts of mitigation options. Web site: http://www.urbemis.com.

Clean Air and Climate Protection (CACP) Software

This tool is available to state and local governments and members of ICLEI, NACAA, NASEO and NARUC to determine greenhouse gas and criteria pollutant emissions from government operations and communities as a whole. The user must input aggregate information about energy (usage), waste (quantity and type generated, disposal method, and methane recovery rate) and transportation (VMT) for community analyses. CACP uses emission factors from EPA, DOE, and DOT to translate the energy, waste and transportation inputs into greenhouse gas (in carbon dioxide equivalents) and criteria air pollutant emissions. If associated energy, waste and transportation reduction are provided, the model can also calculate emission reductions and money saved from policy alternatives. Web site: http://cacpsoftware.org.

Sustainable Communities Model (SCM)

This model quantifies total CO2e emissions allowing communities the ability to optimize planning decisions that result in the greatest environmental benefit for the least cost. Total CO2e emissions are based on emissions from energy usage, water consumption and transportation. The model provides an interactive comparison of various scenarios to provide environmental performance, economic performance, and cost benefit analysis.

Web site: www.ctg-net.com/energetics/documents/doc_SCM_070731.pdf

I-PLACE^{3}S

This model is an internet-accessed land use and transportation model designed specifically for regional and local governments to help understand how their growth and development decisions can contribute to improved sustainability. It estimates CO2, criteria pollutant and energy impacts on a neighborhood or

regional level for existing, long-term baseline and alternative land use plans. The data input requirements are extensive and require a fiscal commitment from the Metropolitan Planning Organization and its member local governments. Once the data is available, the IPLACES tool can be developed for that region relatively quickly, in approximately one week. The benefits include a multifunctional tool that provides immediate outputs to compare alternatives during public meetings, multilevel password protected on-line access, as well as providing access for local development project CEQA analyses. This tool also supports regional travel models and integrated land use and transportation assessments. Web site: http://www.sacregionblueprint.org/sacregionblueprint/the_project/technology.cfm and http://www.places.energy.ca.gov/places

CARROT

The California Climate Action Registry offers the Climate Action Registry Reporting On-Line Tool (CARROT) for Registry members to calculate and report annual greenhouse gas (GHG) emissions. CARROT calculates direct and indirect GHG emissions for the following emission categories by source: stationary combustion, process emissions, mobile source combustion, fugitive emissions and electricity use by source. It calculates emissions using entity collected data such as fuel purchase records, VMT and utility bills. While reporting and certification through CARROT is only available to members, the public may access entity reports online. Reporting protocols are also available to the public, including the General Reporting Protocol (www.climateregistry.org/docs/PROTOCOLS/GRP%20V2-March2007_web.pdf) and cement, forestry and power/utility sector protocols. Additional sector protocols are under development. Website: www.climateregistry.org/CARROT/

EMFAC

The Air Resources Board's EMission FACtors (EMFAC) model is used to calculate emission rates from all motor vehicles in California. The emission factors are combined with data on vehicle activity (miles traveled and average speeds) to assess emission impacts. The URBEMIS model described above uses EMFAC to calculate the transportation emission impacts of local projects. Web site: http://www.arb.ca.gov/msei/onroad/onroad.htm

Attachment 3

Examples of GHG Reduction Measures

The following are examples of measures that have been employed by some public agencies to reduce greenhouse gas emissions, either as general development policies or on a project-by-project basis. These are provided for illustrative purposes only.

LAND USE AND TRANSPORTATION

- Implement land use strategies to encourage jobs/housing proximity, promote transit-oriented development, and encourage high density development along transit corridors. Encourage compact, mixed-use projects, forming urban villages designed to maximize affordable housing and encourage walking, bicycling and the use of public transit systems.
- Encourage infill, redevelopment, and higher density development, whether in incorporated or unincorporated settings
- Encourage new developments to integrate housing, civic and retail amenities (jobs, schools, parks, shopping opportunities) to help reduce VMT resulting from discretionary automobile trips.
- Apply advanced technology systems and management strategies to improve operational efficiency of transportation systems and movement of people, goods and services.
- Incorporate features into project design that would accommodate the supply of frequent, reliable and convenient public transit.
- Implement street improvements that are designed to relieve pressure on a region's most congested roadways and intersections.
- Limit idling time for commercial vehicles, including delivery and construction vehicles.

URBAN FORESTRY

- Plant trees and vegetation near structures to shade buildings and reduce energy requirements for heating/cooling.
- Preserve or replace onsite trees (that are removed due to development) as a means of providing carbon storage.

GREEN BUILDINGS

- Encourage public and private construction of LEED (Leadership in Energy and Environmental Design) certified (or equivalent) buildings.

ENERGY CONSERVATION POLICIES AND ACTIONS

- Recognize and promote energy saving measures beyond Title 24 requirements for residential and commercial projects
- Where feasible, include in new buildings facilities to support the use of low/zero carbon fueled vehicles, such as the charging of electric vehicles from green electricity sources.
- Educate the public, schools, other jurisdictions, professional associations, business and industry about reducing GHG emissions.
- Replace traffic lights, street lights, and other electrical uses to energy efficient bulbs and appliances.
- Purchase Energy Star equipment and appliances for public agency use.
- Incorporate on-site renewable energy production, including installation of photovoltaic cells or other solar options.
- Execute an Energy Savings Performance Contract with a private entity to retrofit public buildings. This type of contract allows the private entity to fund all energy improvements in exchange for a share of the energy savings over a period of time.
- Design, build, and operate schools that meet the Collaborative for High Performance Schools (CHPS) best practices.
- Retrofit municipal water and wastewater systems with energy efficient motors, pumps and other equipment, and recover wastewater treatment methane for energy production.
- Convert landfill gas into energy sources for use in fueling vehicles, operating equipment, and heating buildings.
- Purchase government vehicles and buses that use alternatives fuels or technology, such as electric hybrids, biodiesel, and ethanol. Where feasible, require fleet vehicles to be low emission vehicles. Promote the use of these vehicles in the general community.
- Offer government incentives to private businesses for developing buildings with energy and water efficient features and recycled materials. The incentives can include expedited plan checks and reduced permit fees.
- Offer rebates and low-interest loans to residents that make energy-saving improvements on their homes.

- Create bicycle lanes and walking paths directed to the location of schools, parks and other destination points.

PROGRAMS TO REDUCE VEHICLE MILES TRAVELED

- Offer government employees financial incentives to carpool, use public transportation, or use other modes of travel for daily commutes.
- Encourage large businesses to develop commute trip reduction plans that encourage employees who commute alone to consider alternative transportation modes.
- Develop shuttle systems around business district parking garages to reduce congestion and create shorter commutes.
- Create an online ridesharing program that matches potential carpoolers immediately through email.
- Develop a Safe Routes to School program that allows and promotes bicycling and walking to school.

PROGRAMS TO REDUCE SOLID WASTE

- Create incentives to increase recycling and reduce generation of solid waste by residential users.
- Implement a Construction and Demolition Waste Recycling Ordinance to reduce the solid waste created by new development.
- Add residential/commercial food waste collection to existing greenwaste collection programs.

Noise Calculations

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Construction Noise

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UNMITIGATED CONSTRUCTION NOISE

Reference Noise Distance	**50**
Reference Noise Level	**89**

Sensitive Receptor	Distance (feet)	Attenuation Factors	Maximum Construction Noise Level (dBA)	Existing Ambient (dBA, Leq)	New Ambient (dBA, Leq)	Increase
Division 22						
Residential - South	150	5	**74.5**	**58.7**	**74.6**	**15.9**
Residential - North	800	15	**49.9**	**66.0**	**66.1**	**0.1**
Residential - Southwest	1,000	10	**53.0**	**66.0**	**66.2**	**0.2**
Site #14						
Residential - North	280	5	**69.0**	**65.2**	**70.5**	**5.3**
Residential - East	350	0	**72.1**	**68.8**	**73.8**	**5.0**
Residential - West	375	0	**71.5**	**57.9**	**71.7**	**13.8**
Bright Star	600	5	**62.4**	**55.0**	**63.1**	**8.1**
Animo School	750	0	**65.5**	**68.8**	**70.5**	**1.7**
Residential - South	850	10	**54.4**	**57.9**	**59.5**	**1.6**
Site #15						
Animo School	250	0	**75.0**	**68.8**	**76.0**	**7.2**
Residential - Southeast	450	0	**69.9**	**68.8**	**72.4**	**3.6**
Residential - West	750	5	**60.5**	**65.2**	**66.5**	**1.3**
Residential - Northwest	1,000	5	**58.0**	**64.8**	**65.6**	**0.8**
Site #15						
Lawndale High School	1,000	10	**53.0**	**66.1**	**66.3**	**0.2**
Residential - East	1,200	10	**51.4**	**66.0**	**66.1**	**0.1**
Residential - South	1,400	10	**50.1**	**66.3**	**66.4**	**0.1**

MITIGATED CONSTRUCTION NOISE

Reference Noise Distance	**50**
Reference Noise Level	**89**

Sensitive Receptor	Distance (feet)	Attenuation Factors	Maximum Construction Noise Level (dBA)	Existing Ambient (dBA, Leq)	New Ambient (dBA, Leq)	Increase
Division 22						
Residential - South	150	5	**74.5**	**58.7**	**74.6**	**15.9**
Residential - North	800	15	**49.9**	**66.0**	**66.1**	**0.1**
Residential - Southwest	1,000	10	**53.0**	**66.0**	**66.2**	**0.2**
Site #14						
Residential - North	280	5	**69.0**	**65.2**	**70.5**	**5.3**
Residential - East	350	0	**72.1**	**68.8**	**73.8**	**5.0**
Residential - West	375	0	**71.5**	**57.9**	**71.7**	**13.8**
Bright Star	600	5	**62.4**	**55.0**	**63.1**	**8.1**
Animo School	750	0	**65.5**	**68.8**	**70.5**	**1.7**
Residential - South	850	10	**54.4**	**57.9**	**59.5**	**1.6**
Site #15						
Animo School	250	0	**75.0**	**68.8**	**76.0**	**7.2**
Residential - Southeast	450	0	**69.9**	**68.8**	**72.4**	**3.6**
Residential - West	750	5	**60.5**	**65.2**	**66.5**	**1.3**
Residential - Northwest	1,000	5	**58.0**	**64.8**	**65.6**	**0.8**
Site #15						
Lawndale High School	1,000	10	**53.0**	**66.1**	**66.3**	**0.2**
Residential - East	1,200	10	**51.4**	**66.0**	**66.1**	**0.1**
Residential - South	1,400	10	**50.1**	**66.3**	**66.4**	**0.1**

Operational Noise

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Project:	**Division 22 Expansion**

Receiver Parameters	
Receiver:	**250**
Land Use Category:	**2. Residential**
Existing Noise (Measured or Generic Value):	**61 dBA**

Noise Source Parameters	
Number of Noise Sources:	**1**

Noise Source Parameters		**Source 1**
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	**Avg. Number of Trains/hr**	0.3
	0	40
Nighttime hrs	**Avg. Number of Trains/hr**	0
	0	40
Distance	**Distance from Source to Receiver (ft)**	250
	Number of Intervening Rows of Buildings	0
Adjustments	**Noise Barrier?**	Yes

Project Results Summary

Existing Ldn:	61 dBA
Total Project Ldn:	40 dBA
Total Noise Exposure:	61 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	45 ft
Dist to Sev. Impact Contour (Source 1):	27 ft

Source 1 Results

Leq(day):	41.7 dBA
Leq(night):	0.0 dBA
Ldn:	39.6 dBA

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Project:	**Division 22 Expansion**

Receiver Parameters	
Receiver:	**1500**
Land Use Category:	**2. Residential**
Existing Noise (Measured or Generic Value):	**61 dBA**

Noise Source Parameters	
Number of Noise Sources:	**1**

Noise Source Parameters		**Source 1**
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	**Avg. Number of Trains/hr**	0.3
	0	40
Nighttime hrs	**Avg. Number of Trains/hr**	0
	0	40
Distance	**Distance from Source to Receiver (ft)**	1500
	Number of Intervening Rows of Buildings	1
Adjustments	**Noise Barrier?**	Yes

Project Results Summary

Existing Ldn:	61 dBA
Total Project Ldn:	16 dBA
Total Noise Exposure:	61 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	45 ft
Dist to Sev. Impact Contour (Source 1):	27 ft

Source 1 Results

Leq(day):	17.7 dBA
Leq(night):	0.0 dBA
Ldn:	16.1 dBA

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Project:	**Division 22 Expansion**

Receiver Parameters	
Receiver:	**1000**
Land Use Category:	**2. Residential**
Existing Noise (Measured or Generic Value):	**61 dBA**

Noise Source Parameters	
Number of Noise Sources:	**1**

Noise Source Parameters		**Source 1**
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	**Avg. Number of Trains/hr**	0.3
	0	40
Nighttime hrs	**Avg. Number of Trains/hr**	0
	0	40
Distance	**Distance from Source to Receiver (ft)**	1000
	Number of Intervening Rows of Buildings	1
Adjustments	**Noise Barrier?**	Yes

Project Results Summary

Existing Ldn:	61 dBA
Total Project Ldn:	20 dBA
Total Noise Exposure:	61 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	45 ft
Dist to Sev. Impact Contour (Source 1):	27 ft

Source 1 Results

Leq(day):	22.1 dBA
Leq(night):	0.0 dBA
Ldn:	20.3 dBA

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Project:	**Site #14**

Project Results Summary

Existing Ldn:	70 dBA
Total Project Ldn:	36 dBA
Total Noise Exposure:	70 dBA
Increase:	0 dB
Impact?:	None

Receiver Parameters	
Receiver:	**550**
Land Use Category:	**2. Residential**
Existing Noise (Measured or Generic Value):	**70 dBA**

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	41 ft
Dist to Sev. Impact Contour (Source 1):	25 ft

Noise Source Parameters	
Number of Noise Sources:	**1**

Noise Source Parameters		**Source 1**
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	**Avg. Number of Trains/hr**	0.3
	0	40
Nighttime hrs	**Avg. Number of Trains/hr**	0
	0	40
Distance	**Distance from Source to Receiver (ft)**	550
	Number of Intervening Rows of Buildings	0
Adjustments	**Noise Barrier?**	No

Source 1 Results

Leq(day):	38.1 dBA
Leq(night):	0.0 dBA
Ldn:	36.1 dBA

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Project:	**Site #14**

Receiver Parameters	
Receiver:	**900**
Land Use Category:	**2. Residential**
Existing Noise (Measured or Generic Value):	**65 dBA**

Noise Source Parameters	
Number of Noise Sources:	**1**

Noise Source Parameters		**Source 1**
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	**Avg. Number of Trains/hr**	0.3
	0	40
Nighttime hrs	**Avg. Number of Trains/hr**	0
	0	40
Distance	**Distance from Source to Receiver (ft)**	900
	Number of Intervening Rows of Buildings	0
Adjustments	**Noise Barrier?**	No

Project Results Summary

Existing Ldn:	65 dBA
Total Project Ldn:	31 dBA
Total Noise Exposure:	65 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	56 ft
Dist to Sev. Impact Contour (Source 1):	34 ft

Source 1 Results

Leq(day):	32.8 dBA
Leq(night):	0.0 dBA
Ldn:	30.8 dBA

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Project:	**Site #14**

Receiver Parameters	
Receiver:	**1600**
Land Use Category:	**2. Residential**
Existing Noise (Measured or Generic Value):	**60 dBA**

Noise Source Parameters	
Number of Noise Sources:	**1**

Noise Source Parameters		**Source 1**
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	**Avg. Number of Trains/hr**	0.3
	0	40
Nighttime hrs	**Avg. Number of Trains/hr**	0
	0	40
Distance	**Distance from Source to Receiver (ft)**	1600
	Number of Intervening Rows of Buildings	0
Adjustments	**Noise Barrier?**	No

Project Results Summary

Existing Ldn:	60 dBA
Total Project Ldn:	25 dBA
Total Noise Exposure:	60 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	75 ft
Dist to Sev. Impact Contour (Source 1):	44 ft

Source 1 Results

Leq(day):	26.5 dBA
Leq(night):	0.0 dBA
Ldn:	24.6 dBA

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Project:	**Site #14**

Project Results Summary

Existing Leqh:	69 dBA
Total Project Leqh:	23 dBA
Total Noise Exposure:	69 dBA
Increase:	0 dB
Impact?:	None

Receiver Parameters	
Receiver:	**1800**
Land Use Category:	**3. Institutional**
Existing Noise (Measured or Generic Value):	**69 dBA**

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	28 ft
Dist to Sev. Impact Contour (Source 1):	18 ft

Noise Source Parameters	
Number of Noise Sources:	**1**

Noise Source Parameters		**Source 1**
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Noisiest hr of Activity During Sensitive hrs	**Number of Trains/hr**	0.2
	0	40
Distance	**Distance from Source to Receiver (ft)**	1800
	Number of Intervening Rows of Buildings	0
Adjustments	**Noise Barrier?**	No

Source 1 Results

Leqh: 23.5 dBA

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Project:	**Site #14**

Project Results Summary

Existing Leqh:	55 dBA
Total Project Leqh:	22 dBA
Total Noise Exposure:	55 dBA
Increase:	0 dB
Impact?:	None

Receiver Parameters	
Receiver:	**2000**
Land Use Category:	**3. Institutional**
Existing Noise (Measured or Generic Value):	**55 dBA**

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	61 ft
Dist to Sev. Impact Contour (Source 1):	35 ft

Noise Source Parameters	
Number of Noise Sources:	**1**

Noise Source Parameters		**Source 1**
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Noisiest hr of Activity During Sensitive hrs	**Number of Trains/hr**	0.2
	0	40
Distance	**Distance from Source to Receiver (ft)**	2000
	Number of Intervening Rows of Buildings	0
Adjustments	**Noise Barrier?**	No

Source 1 Results

Leqh: 22.3 dBA

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Project:	**Site #15**

Receiver Parameters	
Receiver:	**1000**
Land Use Category:	**2. Residential**
Existing Noise (Measured or Generic Value):	**60 dBA**

Noise Source Parameters	
Number of Noise Sources:	**1**

Noise Source Parameters		**Source 1**
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	**Avg. Number of Trains/hr**	0.3
	0	40
Nighttime hrs	**Avg. Number of Trains/hr**	0
	0	40
Distance	**Distance from Source to Receiver (ft)**	1000
	Number of Intervening Rows of Buildings	1
Adjustments	**Noise Barrier?**	No

Project Results Summary

Existing Ldn:	60 dBA
Total Project Ldn:	25 dBA
Total Noise Exposure:	60 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	75 ft
Dist to Sev. Impact Contour (Source 1):	44 ft

Source 1 Results

Leq(day):	27.1 dBA
Leq(night):	0.0 dBA
Ldn:	25.1 dBA

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Project:	**Site #15**

Project Results Summary

Existing Leqh:	69 dBA
Total Project Leqh:	29 dBA
Total Noise Exposure:	69 dBA
Increase:	0 dB
Impact?:	None

Receiver Parameters	
Receiver:	**1100**
Land Use Category:	**3. Institutional**
Existing Noise (Measured or Generic Value):	**69 dBA**

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	30 ft
Dist to Sev. Impact Contour (Source 1):	19 ft

Noise Source Parameters	
Number of Noise Sources:	**1**

Noise Source Parameters		**Source 1**
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Noisiest hr of Activity During Sensitive hrs	**Number of Trains/hr**	0.2
	0	40
Distance	**Distance from Source to Receiver (ft)**	1100
	Number of Intervening Rows of Buildings	0
Adjustments	**Noise Barrier?**	No

Source 1 Results

Leqh:	28.8 dBA

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Project:	**Site #15**

Receiver Parameters	
Receiver:	**1600**
Land Use Category:	**2. Residential**
Existing Noise (Measured or Generic Value):	**65 dBA**

Noise Source Parameters	
Number of Noise Sources:	**1**

Noise Source Parameters		**Source 1**
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	**Avg. Number of Trains/hr**	0.3
	0	40
Nighttime hrs	**Avg. Number of Trains/hr**	0
	0	40
Distance	**Distance from Source to Receiver (ft)**	1600
	Number of Intervening Rows of Buildings	0
Adjustments	**Noise Barrier?**	No

Project Results Summary

Existing Ldn:	65 dBA
Total Project Ldn:	25 dBA
Total Noise Exposure:	65 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	56 ft
Dist to Sev. Impact Contour (Source 1):	34 ft

Source 1 Results

Leq(day):	26.5 dBA
Leq(night):	0.0 dBA
Ldn:	24.6 dBA

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Project:	**Site #15**

Project Results Summary

Existing Ldn:	60 dBA
Total Project Ldn:	20 dBA
Total Noise Exposure:	60 dBA
Increase:	0 dB
Impact?:	None

Receiver Parameters	
Receiver:	**1,700**
Land Use Category:	**2. Residential**
Existing Noise (Measured or Generic Value):	**60 dBA**

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	75 ft
Dist to Sev. Impact Contour (Source 1):	44 ft

Noise Source Parameters	
Number of Noise Sources:	**1**

Noise Source Parameters		**Source 1**
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	**Avg. Number of Trains/hr**	0.3
	0	40
Nighttime hrs	**Avg. Number of Trains/hr**	0
	0	40
Distance	**Distance from Source to Receiver (ft)**	1,700
	Number of Intervening Rows of Buildings	1
Adjustments	**Noise Barrier?**	No

Source 1 Results

Leq(day):	21.4 dBA
Leq(night):	0.0 dBA
Ldn:	19.5 dBA

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Project:	**Site #17**

Project Results Summary

Existing Leqh:	66 dBA
Total Project Leqh:	18 dBA
Total Noise Exposure:	66 dBA
Increase:	0 dB
Impact?:	None

Receiver Parameters	
Receiver:	**1300**
Land Use Category:	**3. Institutional**
Existing Noise (Measured or Generic Value):	**66 dBA**

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	22 ft
Dist to Sev. Impact Contour (Source 1):	13 ft

Noise Source Parameters	
Number of Noise Sources:	**1**

Noise Source Parameters		**Source 1**
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Noisiest hr of Activity During Sensitive hrs	**Number of Trains/hr**	0.2
	0	40
Distance	**Distance from Source to Receiver (ft)**	1300
	Number of Intervening Rows of Buildings	1
Adjustments	**Noise Barrier?**	Yes

Source 1 Results

Leqh: 17.5 dBA

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Project:	**Site #17**

Receiver Parameters	
Receiver:	**1600**
Land Use Category:	**2. Residential**
Existing Noise (Measured or Generic Value):	**61 dBA**

Noise Source Parameters	
Number of Noise Sources:	**1**

Noise Source Parameters		**Source 1**
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	**Avg. Number of Trains/hr**	0.3
	0	40
Nighttime hrs	**Avg. Number of Trains/hr**	0
	0	40
Distance	**Distance from Source to Receiver (ft)**	1600
	Number of Intervening Rows of Buildings	1
Adjustments	**Noise Barrier?**	Yes

Project Results Summary

Existing Ldn:	61 dBA
Total Project Ldn:	15 dBA
Total Noise Exposure:	61 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	45 ft
Dist to Sev. Impact Contour (Source 1):	27 ft

Source 1 Results

Leq(day):	17.0 dBA
Leq(night):	0.0 dBA
Ldn:	15.5 dBA

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Project:	**Site #17**

Project Results Summary

Existing Ldn:	61 dBA
Total Project Ldn:	13 dBA
Total Noise Exposure:	61 dBA
Increase:	0 dB
Impact?:	None

Receiver Parameters	
Receiver:	**2100**
Land Use Category:	**2. Residential**
Existing Noise (Measured or Generic Value):	**61 dBA**

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	45 ft
Dist to Sev. Impact Contour (Source 1):	27 ft

Noise Source Parameters	
Number of Noise Sources:	**1**

Noise Source Parameters		**Source 1**
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	**Avg. Number of Trains/hr**	0.3
	0	40
Nighttime hrs	**Avg. Number of Trains/hr**	0
	0	40
Distance	**Distance from Source to Receiver (ft)**	2100
	Number of Intervening Rows of Buildings	1
Adjustments	**Noise Barrier?**	Yes

Source 1 Results

Leq(day):	14.1 dBA
Leq(night):	0.0 dBA
Ldn:	13.0 dBA

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