

Appendix F

Model Inputs and Outputs

F-1 Model Inputs and Outputs

▲ *** AERMOD - VERSION 22112 *** **
C:\MODEL\HOQUIAMPROJECT\HOQUIAMPROJECT_PM2P5-ANNUAL\HOQUIAMPROJECT_P ***
06/30/23

*** AERMET - VERSION 22112 *** **
*** 17:15:55

PAGE 1

*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

** Model Options Selected:

- * Model Allows User-Specified Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses RURAL Dispersion Only.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: CO

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

**This Run Includes: 3 Source(s); 4 Source Group(s); and 11358
Receptor(s)

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

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

ALBEDO	REF	WS	WD	HT	REF	TA	HT						
18	01	01	1	01	-33.0	0.317	-9.000	-9.000	-999.	429.	110.6	0.01	0.28
1.00	5.51	67.	10.0	275.9	2.0								
18	01	01	1	02	-42.0	0.403	-9.000	-9.000	-999.	614.	178.7	0.07	0.28
1.00	5.10	51.	10.0	275.3	2.0								
18	01	01	1	03	-42.5	0.408	-9.000	-9.000	-999.	625.	183.1	0.07	0.28
1.00	5.16	54.	10.0	275.3	2.0								
18	01	01	1	04	-35.4	0.339	-9.000	-9.000	-999.	477.	126.4	0.07	0.28
1.00	4.32	50.	10.0	275.3	2.0								
18	01	01	1	05	-35.2	0.337	-9.000	-9.000	-999.	469.	124.6	0.07	0.28
1.00	4.29	58.	10.0	274.8	2.0								
18	01	01	1	06	-36.6	0.350	-9.000	-9.000	-999.	498.	135.1	0.07	0.28
1.00	4.46	50.	10.0	274.8	2.0								
18	01	01	1	07	-32.7	0.340	-9.000	-9.000	-999.	475.	126.8	0.07	0.28
0.58	4.32	51.	10.0	274.8	2.0								
18	01	01	1	08	-0.5	0.283	-9.000	-9.000	-999.	363.	4158.0	0.01	0.28
0.35	4.71	62.	10.0	276.4	2.0								
18	01	01	1	09	14.1	0.378	0.287	0.007	61.	558.	-351.0	0.01	0.28
0.26	6.19	68.	10.0	277.5	2.0								
18	01	01	1	10	23.1	0.354	0.427	0.008	123.	506.	-175.6	0.01	0.28
0.22	5.72	63.	10.0	278.8	2.0								
18	01	01	1	11	25.3	0.448	0.480	0.010	160.	720.	-325.6	0.01	0.28
0.21	7.33	72.	10.0	279.2	2.0								
18	01	01	1	12	20.7	0.394	0.464	0.008	176.	597.	-270.7	0.01	0.28
0.23	6.43	65.	10.0	280.3	2.0								
18	01	01	1	13	9.6	0.397	0.365	0.008	184.	599.	-591.9	0.01	0.28
0.28	6.53	73.	10.0	280.3	2.0								
18	01	01	1	14	-19.9	0.452	-9.000	-9.000	-999.	729.	426.1	0.07	0.28
0.41	5.60	59.	10.0	278.8	2.0								
18	01	01	1	15	-33.5	0.324	-9.000	-9.000	-999.	454.	115.3	0.01	0.28
1.00	5.62	72.	10.0	278.1	2.0								
18	01	01	1	16	-32.9	0.317	-9.000	-9.000	-999.	429.	110.7	0.01	0.28
1.00	5.51	71.	10.0	277.5	2.0								
18	01	01	1	17	-25.5	0.246	-9.000	-9.000	-999.	295.	66.7	0.01	0.28
1.00	4.32	62.	10.0	277.0	2.0								
18	01	01	1	18	-30.6	0.295	-9.000	-9.000	-999.	385.	95.7	0.01	0.28
1.00	5.14	62.	10.0	277.5	2.0								
18	01	01	1	19	-35.3	0.340	-9.000	-9.000	-999.	476.	127.2	0.01	0.28
1.00	5.89	66.	10.0	276.4	2.0								
18	01	01	1	20	-39.1	0.376	-9.000	-9.000	-999.	552.	155.2	0.01	0.28
1.00	6.48	67.	10.0	276.4	2.0								
18	01	01	1	21	-31.0	0.298	-9.000	-9.000	-999.	394.	97.7	0.01	0.28
1.00	5.19	65.	10.0	276.4	2.0								
18	01	01	1	22	-29.6	0.285	-9.000	-9.000	-999.	365.	89.2	0.01	0.28
1.00	4.97	62.	10.0	276.4	2.0								
18	01	01	1	23	-31.5	0.303	-9.000	-9.000	-999.	400.	100.8	0.01	0.28
1.00	5.27	61.	10.0	276.4	2.0								
18	01	01	1	24	-31.5	0.304	-9.000	-9.000	-999.	402.	101.6	0.01	0.28

1.00 5.29 63. 10.0 277.0 2.0

First hour of profile data

YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
18 01 01 01 10.0 1 67. 5.51 276.0 99.0 -99.00 -99.00

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

▲ *** AERMOD - VERSION 22112 *** **

C:\MODEL\HOQUIAMPROJECT\HOQUIAMPROJECT_PM2P5-ANNUAL\HOQUIAMPROJECT_P ***
06/30/23

*** AERMET - VERSION 22112 *** **
*** 17:15:55

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR

RESULTS ***

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

**

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK AVERAGE CONC OF TYPE GRID-ID	DATE (YYMMDDHH)	RECEPTOR
EG HIGH 1ST HIGH VALUE IS 5202866.50, 5.56, 5.56, 0.00)	207.37941 DC	ON 20100203: AT (	430213.66,
EP04 HIGH 1ST HIGH VALUE IS 5203787.50, 68.49, 92.43, 0.00)	457.29325 DC	ON 21062719: AT (	430164.06,
EP08 HIGH 1ST HIGH VALUE IS 5203500.50, 4.25, 92.43, 0.00)	0.68735 DC	ON 19082924: AT (	430748.25,
ALL HIGH 1ST HIGH VALUE IS 5203787.50, 68.49, 92.43, 0.00)	457.56545 DC	ON 21062719: AT (	430164.06,

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

▲ *** AERMOD - VERSION 22112 *** **

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06/30/23

*** AERMET - VERSION 22112 ***
*** 17:15:55

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 758 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 398 Calm Hours Identified

A Total of 360 Missing Hours Identified (0.82 Percent)

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

***** WARNING MESSAGES *****
SO W320 44 PPARAM: Input Parameter May Be Out-of-Range for Parameter
VS
ME W187 11559 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

▲ *** AERMOD - VERSION 22112 *** ***
C:\MODEL\HOQUIAMPROJECT\HOQUIAMPROJECT_PM2P5-ANNUAL\HOQUIAMPROJECT_P ***
06/30/23

*** AERMET - VERSION 22112 *** ***
*** 17:22:57

PAGE 1

*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

** Model Options Selected:

- * Model Allows User-Specified Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses RURAL Dispersion Only.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: CO

**Model Calculates 1 Short Term Average(s) of: 8-HR

**This Run Includes: 3 Source(s); 4 Source Group(s); and 11358
Receptor(s)

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

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

ALBEDO	REF	WS	WD	HT	REF	TA	HT						
18	01	01	1	01	-33.0	0.317	-9.000	-9.000	-999.	429.	110.6	0.01	0.28
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18	01	01	1	04	-35.4	0.339	-9.000	-9.000	-999.	477.	126.4	0.07	0.28
1.00	4.32	50.	10.0	275.3	2.0								
18	01	01	1	05	-35.2	0.337	-9.000	-9.000	-999.	469.	124.6	0.07	0.28
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1.00	4.46	50.	10.0	274.8	2.0								
18	01	01	1	07	-32.7	0.340	-9.000	-9.000	-999.	475.	126.8	0.07	0.28
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0.35	4.71	62.	10.0	276.4	2.0								
18	01	01	1	09	14.1	0.378	0.287	0.007	61.	558.	-351.0	0.01	0.28
0.26	6.19	68.	10.0	277.5	2.0								
18	01	01	1	10	23.1	0.354	0.427	0.008	123.	506.	-175.6	0.01	0.28
0.22	5.72	63.	10.0	278.8	2.0								
18	01	01	1	11	25.3	0.448	0.480	0.010	160.	720.	-325.6	0.01	0.28
0.21	7.33	72.	10.0	279.2	2.0								
18	01	01	1	12	20.7	0.394	0.464	0.008	176.	597.	-270.7	0.01	0.28
0.23	6.43	65.	10.0	280.3	2.0								
18	01	01	1	13	9.6	0.397	0.365	0.008	184.	599.	-591.9	0.01	0.28
0.28	6.53	73.	10.0	280.3	2.0								
18	01	01	1	14	-19.9	0.452	-9.000	-9.000	-999.	729.	426.1	0.07	0.28
0.41	5.60	59.	10.0	278.8	2.0								
18	01	01	1	15	-33.5	0.324	-9.000	-9.000	-999.	454.	115.3	0.01	0.28
1.00	5.62	72.	10.0	278.1	2.0								
18	01	01	1	16	-32.9	0.317	-9.000	-9.000	-999.	429.	110.7	0.01	0.28
1.00	5.51	71.	10.0	277.5	2.0								
18	01	01	1	17	-25.5	0.246	-9.000	-9.000	-999.	295.	66.7	0.01	0.28
1.00	4.32	62.	10.0	277.0	2.0								
18	01	01	1	18	-30.6	0.295	-9.000	-9.000	-999.	385.	95.7	0.01	0.28
1.00	5.14	62.	10.0	277.5	2.0								
18	01	01	1	19	-35.3	0.340	-9.000	-9.000	-999.	476.	127.2	0.01	0.28
1.00	5.89	66.	10.0	276.4	2.0								
18	01	01	1	20	-39.1	0.376	-9.000	-9.000	-999.	552.	155.2	0.01	0.28
1.00	6.48	67.	10.0	276.4	2.0								
18	01	01	1	21	-31.0	0.298	-9.000	-9.000	-999.	394.	97.7	0.01	0.28
1.00	5.19	65.	10.0	276.4	2.0								
18	01	01	1	22	-29.6	0.285	-9.000	-9.000	-999.	365.	89.2	0.01	0.28
1.00	4.97	62.	10.0	276.4	2.0								
18	01	01	1	23	-31.5	0.303	-9.000	-9.000	-999.	400.	100.8	0.01	0.28
1.00	5.27	61.	10.0	276.4	2.0								
18	01	01	1	24	-31.5	0.304	-9.000	-9.000	-999.	402.	101.6	0.01	0.28

1.00 5.29 63. 10.0 277.0 2.0

First hour of profile data

YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
18 01 01 01 10.0 1 67. 5.51 276.0 99.0 -99.00 -99.00

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

▲ *** AERMOD - VERSION 22112 *** **

C:\MODEL\HOQUIAMPROJECT\HOQUIAMPROJECT_PM2P5-ANNUAL\HOQUIAMPROJECT_P ***
06/30/23

*** AERMET - VERSION 22112 *** **
*** 17:22:57

PAGE 4

*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF HIGHEST 8-HR

RESULTS ***

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

**

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK AVERAGE CONC OF TYPE GRID-ID	DATE (YYMMDDHH)	RECEPTOR
EG HIGH 1ST HIGH VALUE IS 5202878.50, 5.62, 5.62, 0.00)	10.76708 DC	ON 21011808: AT (	430176.34,
EP04 HIGH 1ST HIGH VALUE IS 5203787.50, 68.49, 92.43, 0.00)	97.14015 DC	ON 18081124: AT (	430164.06,
EP08 HIGH 1ST HIGH VALUE IS 5203015.50, 4.70, 92.43, 0.00)	0.36763 DC	ON 19122724: AT (	430188.78,
ALL HIGH 1ST HIGH VALUE IS 5203787.50, 68.49, 92.43, 0.00)	97.15248 DC	ON 18081124: AT (	430164.06,

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

▲ *** AERMOD - VERSION 22112 *** **

C:\MODEL\HOQUIAMPROJECT\HOQUIAMPROJECT_PM2P5-ANNUAL\HOQUIAMPROJECT_P ***

06/30/23

*** AERMET - VERSION 22112 ***
*** 17:22:57

PAGE 5

*** MODELOPTs: CONC ELEV RURAL ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 758 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 398 Calm Hours Identified

A Total of 360 Missing Hours Identified (0.82 Percent)

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

***** WARNING MESSAGES *****
SO W320 44 PPARAM: Input Parameter May Be Out-of-Range for Parameter
VS
ME W187 11559 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

▲ *** AERMOD - VERSION 22112 *** ***
C:\MODEL\HOQUIAMPROJECT\HOQUIAMPROJECT_PM2P5-ANNUAL\HOQUIAMPROJECT_P ***
06/30/23

*** AERMET - VERSION 22112 *** ***
*** 17:29:54

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*** MODELOPTs: CONC ELEV ARM2 RURAL ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

** Model Options Selected:

- * Model Allows User-Specified Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
with a Minimum NO2/NOx Ratio of 0.500
and a Maximum NO2/NOx Ratio of 0.900
- * Model Uses RURAL Dispersion Only.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: NO2

**Note that special processing requirements apply for the 1-hour NO2 NAAQS - check available guidance.

Model will process user-specified ranks of daily maximum 1-hour values averaged across the number of years modeled.

For annual NO2 NAAQS modeling, the multi-year maximum of PERIOD values can be simulated using the MULTYEAR keyword.

Multi-year PERIOD and 1-hour values should only be done in a single model run using the MULTYEAR option with a single multi-year meteorological data file using STARTEND keyword.

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

**This Run Includes: 3 Source(s); 4 Source Group(s); and 11358 Receptor(s)

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

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

**The AERMET Input Meteorological Data Version Date: 22112

**Output Options Selected:

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)

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

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

Model Outputs External File(s) of Maximum Daily 1-hr Values by Day
(MAXDAILY Keyword)

Model Outputs External File(s) of Maximum Daily 1-hr Values by Year
(MXDYBYR 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) = 5.50 ; Decay
Coef. = 0.000 ; Rot. Angle = 0.0

Emission Units = GRAMS/SEC ;

Emission Rate Unit Factor = 0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 11.0 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: HOQUIAMPROJECT_NO2_1HR.ERR

**File for Summary of Results: HOQUIAMPROJECT_NO2_1HR.SUM

18	01	01	1	16	-32.9	0.317	-9.000	-9.000	-999.	429.	110.7	0.01	0.28
1.00				5.51	71.	10.0	277.5	2.0					
18	01	01	1	17	-25.5	0.246	-9.000	-9.000	-999.	295.	66.7	0.01	0.28
1.00				4.32	62.	10.0	277.0	2.0					
18	01	01	1	18	-30.6	0.295	-9.000	-9.000	-999.	385.	95.7	0.01	0.28
1.00				5.14	62.	10.0	277.5	2.0					
18	01	01	1	19	-35.3	0.340	-9.000	-9.000	-999.	476.	127.2	0.01	0.28
1.00				5.89	66.	10.0	276.4	2.0					
18	01	01	1	20	-39.1	0.376	-9.000	-9.000	-999.	552.	155.2	0.01	0.28
1.00				6.48	67.	10.0	276.4	2.0					
18	01	01	1	21	-31.0	0.298	-9.000	-9.000	-999.	394.	97.7	0.01	0.28
1.00				5.19	65.	10.0	276.4	2.0					
18	01	01	1	22	-29.6	0.285	-9.000	-9.000	-999.	365.	89.2	0.01	0.28
1.00				4.97	62.	10.0	276.4	2.0					
18	01	01	1	23	-31.5	0.303	-9.000	-9.000	-999.	400.	100.8	0.01	0.28
1.00				5.27	61.	10.0	276.4	2.0					
18	01	01	1	24	-31.5	0.304	-9.000	-9.000	-999.	402.	101.6	0.01	0.28
1.00				5.29	63.	10.0	277.0	2.0					

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
18	01	01	01	10.0	1	67.	5.51	276.0	99.0	-99.00	-99.00

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

^ *** AERMOD - VERSION 22112 *** **

C:\MODEL\HOQUIAMPROJECT\HOQUIAMPROJECT_PM2P5-ANNUAL\HOQUIAMPROJECT_P ***
06/30/23

*** AERMET - VERSION 22112 *** **
*** 17:29:54

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*** MODELOPTs: CONC ELEV ARM2 RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST MAX DAILY 1-HR
RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3

**

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

EG 1ST HIGHEST VALUE IS 137.10549 AT (430213.66, 5202866.50, 5.56,
5.56, 0.00) DC

	2ND HIGHEST VALUE IS	137.02914 AT (	430213.66,	5202878.50,	5.21,
5.21,	0.00) DC				
	3RD HIGHEST VALUE IS	136.89795 AT (	430201.22,	5202866.50,	5.54,
5.54,	0.00) DC				
	4TH HIGHEST VALUE IS	136.88320 AT (	430226.09,	5202878.50,	5.11,
5.11,	0.00) DC				
	5TH HIGHEST VALUE IS	136.83707 AT (	430226.23,	5202887.43,	4.82,
4.82,	0.00) DC				
	6TH HIGHEST VALUE IS	136.70627 AT (	430188.78,	5202866.50,	5.51,
5.51,	0.00) DC				
	7TH HIGHEST VALUE IS	136.57314 AT (	430237.07,	5202886.76,	4.99,
4.99,	0.00) DC				
	8TH HIGHEST VALUE IS	136.41638 AT (	430188.78,	5202854.00,	5.09,
5.09,	0.00) DC				
	9TH HIGHEST VALUE IS	136.41481 AT (	430226.09,	5202866.50,	5.59,
5.59,	0.00) DC				
	10TH HIGHEST VALUE IS	136.32913 AT (	430201.22,	5202878.50,	5.16,
5.16,	0.00) DC				
EP04	1ST HIGHEST VALUE IS	231.60448 AT (	430413.00,	5203787.50,	72.04,
92.43,	0.00) DC				
	2ND HIGHEST VALUE IS	206.12485 AT (	430164.06,	5203787.50,	68.49,
92.43,	0.00) DC				
	3RD HIGHEST VALUE IS	198.43931 AT (	430188.97,	5203787.50,	69.43,
92.43,	0.00) DC				
	4TH HIGHEST VALUE IS	196.93895 AT (	430213.84,	5203787.50,	71.57,
92.43,	0.00) DC				
	5TH HIGHEST VALUE IS	192.75789 AT (	430437.91,	5203787.50,	65.49,
92.43,	0.00) DC				
	6TH HIGHEST VALUE IS	192.55521 AT (	430388.09,	5203762.50,	64.80,
92.43,	0.00) DC				
	7TH HIGHEST VALUE IS	191.03345 AT (	430139.16,	5203787.50,	71.39,
89.87,	0.00) DC				
	8TH HIGHEST VALUE IS	189.96155 AT (	430388.09,	5203787.50,	81.43,
92.43,	0.00) DC				
	9TH HIGHEST VALUE IS	187.64676 AT (	430139.16,	5203812.50,	73.55,
89.87,	0.00) DC				
	10TH HIGHEST VALUE IS	187.47058 AT (	430114.28,	5203787.50,	68.69,
89.87,	0.00) DC				
EP08	1ST HIGHEST VALUE IS	1.31390 AT (	430648.78,	5203562.50,	4.74,
92.43,	0.00) DC				
	2ND HIGHEST VALUE IS	1.31278 AT (	430648.78,	5203550.00,	4.78,
92.43,	0.00) DC				
	3RD HIGHEST VALUE IS	1.30919 AT (	430648.78,	5203537.50,	4.77,
92.43,	0.00) DC				
	4TH HIGHEST VALUE IS	1.30270 AT (	430648.78,	5203525.00,	4.69,
92.43,	0.00) DC				
	5TH HIGHEST VALUE IS	1.30195 AT (	430661.94,	5203587.50,	4.88,
92.43,	0.00) DC				

92.43,	6TH HIGHEST VALUE IS	1.30074	AT (	430661.94,	5203612.50,	4.82,
	0.00) DC					
92.43,	7TH HIGHEST VALUE IS	1.30045	AT (	430661.22,	5203562.50,	4.87,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	1.29872	AT (	430648.78,	5203513.00,	4.69,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	1.29693	AT (	430661.94,	5203637.50,	4.81,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	1.29664	AT (	430661.22,	5203550.00,	4.85,
	0.00) DC					
ALL	1ST HIGHEST VALUE IS	231.61609	AT (	430413.00,	5203787.50,	72.04,
92.43,	0.00) DC					
92.43,	2ND HIGHEST VALUE IS	206.23750	AT (	430164.06,	5203787.50,	68.49,
	0.00) DC					
92.43,	3RD HIGHEST VALUE IS	198.50641	AT (	430188.97,	5203787.50,	69.43,
	0.00) DC					
92.43,	4TH HIGHEST VALUE IS	196.98366	AT (	430213.84,	5203787.50,	71.57,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	192.78588	AT (	430437.91,	5203787.50,	65.49,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	192.57038	AT (	430388.09,	5203762.50,	64.80,
	0.00) DC					
89.87,	7TH HIGHEST VALUE IS	191.09243	AT (	430139.16,	5203787.50,	71.39,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	189.97931	AT (	430388.09,	5203787.50,	81.43,
	0.00) DC					
89.87,	9TH HIGHEST VALUE IS	187.69158	AT (	430139.16,	5203812.50,	73.55,
	0.00) DC					
89.87,	10TH HIGHEST VALUE IS	187.58005	AT (430114.28,	5203787.50,	68.69,
	0.00) DC					

^ *** AERMOD - VERSION 22112 *** ***
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 *** 17:29:54

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*** MODELOPTs: CONC ELEV ARM2 RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 8TH-HIGHEST MAX DAILY 1-HR
 RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3

**

NETWORK

GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV,

ZHILL, ZFLAG) OF TYPE GRID-ID

EG	1ST HIGHEST VALUE IS	128.63206	AT (	430176.34,	5202891.00,	5.57,
	5.57, 0.00) DC					
	2ND HIGHEST VALUE IS	128.59427	AT (	430176.34,	5202878.50,	5.62,
	5.62, 0.00) DC					
	3RD HIGHEST VALUE IS	128.49123	AT (	430201.22,	5202866.50,	5.54,
	5.54, 0.00) DC					
	4TH HIGHEST VALUE IS	128.27339	AT (	430213.66,	5202878.50,	5.21,
	5.21, 0.00) DC					
	5TH HIGHEST VALUE IS	128.11470	AT (	430198.73,	5202890.43,	4.91,
	4.91, 0.00) DC					
	6TH HIGHEST VALUE IS	128.09502	AT (	430201.22,	5202878.50,	5.16,
	5.16, 0.00) DC					
	7TH HIGHEST VALUE IS	127.99671	AT (	430188.78,	5202866.50,	5.51,
	5.51, 0.00) DC					
	8TH HIGHEST VALUE IS	127.97319	AT (	430176.34,	5202903.50,	5.56,
	5.56, 0.00) DC					
	9TH HIGHEST VALUE IS	127.79011	AT (	430188.78,	5202903.50,	4.79,
	4.79, 0.00) DC					
	10TH HIGHEST VALUE IS	127.78295	AT (	430188.78,	5202878.50,	5.48,
	5.48, 0.00) DC					
EP04	1ST HIGHEST VALUE IS	134.68411	AT (	430528.06,	5203862.50,	71.41,
	92.43, 0.00) DC					
	2ND HIGHEST VALUE IS	134.31399	AT (	430413.00,	5203787.50,	72.04,
	92.43, 0.00) DC					
	3RD HIGHEST VALUE IS	133.83107	AT (	430388.09,	5203762.50,	64.80,
	92.43, 0.00) DC					
	4TH HIGHEST VALUE IS	133.57192	AT (	430626.53,	5203862.50,	65.38,
	92.43, 0.00) DC					
	5TH HIGHEST VALUE IS	133.32558	AT (	430487.69,	5203812.50,	72.07,
	92.43, 0.00) DC					
	6TH HIGHEST VALUE IS	133.30431	AT (	430675.75,	5203912.50,	66.85,
	81.74, 0.00) DC					
	7TH HIGHEST VALUE IS	131.82432	AT (	430577.28,	5203912.50,	72.20,
	91.58, 0.00) DC					
	8TH HIGHEST VALUE IS	131.62134	AT (	430331.13,	5203862.50,	70.78,
	92.43, 0.00) DC					
	9TH HIGHEST VALUE IS	131.21753	AT (	430626.53,	5203912.50,	65.68,
	92.43, 0.00) DC					
	10TH HIGHEST VALUE IS	130.65646	AT (	430363.22,	5203762.50,	63.14,
	92.43, 0.00) DC					
EP08	1ST HIGHEST VALUE IS	1.03793	AT (	430710.94,	5203376.00,	4.80,
	92.43, 0.00) DC					
	2ND HIGHEST VALUE IS	1.03279	AT (	430706.77,	5203323.96,	4.62,
	92.43, 0.00) DC					

92.43,	3RD HIGHEST VALUE IS	1.03189	AT (	430686.09,	5203338.50,	4.91,
	0.00) DC					
92.43,	4TH HIGHEST VALUE IS	1.03134	AT (	430686.09,	5203363.50,	4.57,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	1.03097	AT (	430698.50,	5203351.00,	4.64,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	1.03070	AT (	430710.94,	5203338.50,	4.43,
	0.00) DC					
92.43,	7TH HIGHEST VALUE IS	1.03028	AT (	430698.50,	5203338.50,	4.61,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	1.02906	AT (	430698.50,	5203363.50,	4.35,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	1.02881	AT (	430188.78,	5203028.00,	4.70,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	1.02869	AT (	430176.34,	5203028.00,	5.19,
	0.00) DC					
ALL	1ST HIGHEST VALUE IS	135.38364	AT (	430413.00,	5203787.50,	72.04,
92.43,	0.00) DC					
92.43,	2ND HIGHEST VALUE IS	135.04348	AT (	430528.06,	5203862.50,	71.41,
	0.00) DC					
92.43,	3RD HIGHEST VALUE IS	134.11855	AT (	430388.09,	5203762.50,	64.80,
	0.00) DC					
92.43,	4TH HIGHEST VALUE IS	134.04070	AT (	430626.53,	5203862.50,	65.38,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	133.89082	AT (	430487.69,	5203812.50,	72.07,
	0.00) DC					
81.74,	6TH HIGHEST VALUE IS	133.81313	AT (	430675.75,	5203912.50,	66.85,
	0.00) DC					
91.58,	7TH HIGHEST VALUE IS	132.39832	AT (	430577.28,	5203912.50,	72.20,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	132.25378	AT (	430331.13,	5203862.50,	70.78,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	131.92889	AT (	430626.53,	5203912.50,	65.68,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	131.07192	AT (	430437.91,	5203787.50,	65.49,
	0.00) DC					

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

▲ *** AERMOD - VERSION 22112 *** **

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 06/30/23

*** AERMET - VERSION 22112 *** **
 *** 17:29:54

*** MODELOPTs: CONC ELEV ARM2 RURAL ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)

A Total of 2 Warning Message(s)

A Total of 758 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 398 Calm Hours Identified

A Total of 360 Missing Hours Identified (0.82 Percent)

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

***** WARNING MESSAGES *****
SO W320 46 PPARAM: Input Parameter May Be Out-of-Range for Parameter
VS
ME W187 11561 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

▲ *** AERMOD - VERSION 22112 *** ***
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06/30/23

*** AERMET - VERSION 22112 *** ***
*** 17:46:08

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*** MODELOPTs: CONC ELEV ARM2 RURAL ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

** Model Options Selected:

- * Model Allows User-Specified Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
with a Minimum NO2/NOx Ratio of 0.500
and a Maximum NO2/NOx Ratio of 0.900
- * Model Uses RURAL Dispersion Only.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: NO2

**NOTE: Special processing requirements applicable for the 1-hour NO2 NAAQS have been disabled!!!

User has specified non-standard averaging periods:

High ranked 1-hour values are NOT averaged across the number of years modeled, and complete years of data are NOT required.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 3 Source(s); 4 Source Group(s); and 11358 Receptor(s)

with: 3 POINT(s), including

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

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

**The AERMET Input Meteorological Data Version Date: 22112

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

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

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 5.50 ; Decay
Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;
Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 5.7 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: HOQUIAMPROJECT_NO2_ANNUAL.ERR

**File for Summary of Results: HOQUIAMPROJECT_NO2_ANNUAL.SUM

▲ *** AERMOD - VERSION 22112 *** **

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06/30/23

*** AERMET - VERSION 22112 *** **
*** 17:46:08

Profile format: FREE

Surface station no.: 94225
Name: BOWERMAN_AIRPORT

Upper air station no.: 72797
Name: QUILLAYUTE

Year: 2018

Year: 2018

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							
18	01	01	1	01	-33.0	0.317	-9.000	-9.000	-999.	429.	110.6	0.01	0.28	
1.00	5.51	67.	10.0	275.9	2.0									
18	01	01	1	02	-42.0	0.403	-9.000	-9.000	-999.	614.	178.7	0.07	0.28	
1.00	5.10	51.	10.0	275.3	2.0									
18	01	01	1	03	-42.5	0.408	-9.000	-9.000	-999.	625.	183.1	0.07	0.28	
1.00	5.16	54.	10.0	275.3	2.0									
18	01	01	1	04	-35.4	0.339	-9.000	-9.000	-999.	477.	126.4	0.07	0.28	
1.00	4.32	50.	10.0	275.3	2.0									
18	01	01	1	05	-35.2	0.337	-9.000	-9.000	-999.	469.	124.6	0.07	0.28	
1.00	4.29	58.	10.0	274.8	2.0									
18	01	01	1	06	-36.6	0.350	-9.000	-9.000	-999.	498.	135.1	0.07	0.28	
1.00	4.46	50.	10.0	274.8	2.0									
18	01	01	1	07	-32.7	0.340	-9.000	-9.000	-999.	475.	126.8	0.07	0.28	
0.58	4.32	51.	10.0	274.8	2.0									
18	01	01	1	08	-0.5	0.283	-9.000	-9.000	-999.	363.	4158.0	0.01	0.28	
0.35	4.71	62.	10.0	276.4	2.0									
18	01	01	1	09	14.1	0.378	0.287	0.007	61.	558.	-351.0	0.01	0.28	
0.26	6.19	68.	10.0	277.5	2.0									
18	01	01	1	10	23.1	0.354	0.427	0.008	123.	506.	-175.6	0.01	0.28	
0.22	5.72	63.	10.0	278.8	2.0									
18	01	01	1	11	25.3	0.448	0.480	0.010	160.	720.	-325.6	0.01	0.28	
0.21	7.33	72.	10.0	279.2	2.0									
18	01	01	1	12	20.7	0.394	0.464	0.008	176.	597.	-270.7	0.01	0.28	
0.23	6.43	65.	10.0	280.3	2.0									
18	01	01	1	13	9.6	0.397	0.365	0.008	184.	599.	-591.9	0.01	0.28	
0.28	6.53	73.	10.0	280.3	2.0									
18	01	01	1	14	-19.9	0.452	-9.000	-9.000	-999.	729.	426.1	0.07	0.28	
0.41	5.60	59.	10.0	278.8	2.0									
18	01	01	1	15	-33.5	0.324	-9.000	-9.000	-999.	454.	115.3	0.01	0.28	
1.00	5.62	72.	10.0	278.1	2.0									
18	01	01	1	16	-32.9	0.317	-9.000	-9.000	-999.	429.	110.7	0.01	0.28	
1.00	5.51	71.	10.0	277.5	2.0									
18	01	01	1	17	-25.5	0.246	-9.000	-9.000	-999.	295.	66.7	0.01	0.28	
1.00	4.32	62.	10.0	277.0	2.0									
18	01	01	1	18	-30.6	0.295	-9.000	-9.000	-999.	385.	95.7	0.01	0.28	
1.00	5.14	62.	10.0	277.5	2.0									
18	01	01	1	19	-35.3	0.340	-9.000	-9.000	-999.	476.	127.2	0.01	0.28	

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1.00  5.89  66.  10.0  276.4  2.0
  18 01 01  1 20 -39.1  0.376 -9.000 -9.000 -999.  552.  155.2  0.01  0.28
1.00  6.48  67.  10.0  276.4  2.0
  18 01 01  1 21 -31.0  0.298 -9.000 -9.000 -999.  394.   97.7  0.01  0.28
1.00  5.19  65.  10.0  276.4  2.0
  18 01 01  1 22 -29.6  0.285 -9.000 -9.000 -999.  365.   89.2  0.01  0.28
1.00  4.97  62.  10.0  276.4  2.0
  18 01 01  1 23 -31.5  0.303 -9.000 -9.000 -999.  400.  100.8  0.01  0.28
1.00  5.27  61.  10.0  276.4  2.0
  18 01 01  1 24 -31.5  0.304 -9.000 -9.000 -999.  402.  101.6  0.01  0.28
1.00  5.29  63.  10.0  277.0  2.0

```

First hour of profile data

```

YR MO DY HR HEIGHT F  WDIR  WSPD AMB_TMP sigmaA  sigmaW  sigmaV
18 01 01 01  10.0 1   67.   5.51  276.0  99.0  -99.00 -99.00

```

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

▲ *** AERMOD - VERSION 22112 *** **

C:\MODEL\HOQUIAMPROJECT\HOQUIAMPROJECT_PM2P5-ANNUAL\HOQUIAMPROJECT_P ***
06/30/23

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*** AERMET - VERSION  22112 *** **
***                               ***
                               17:46:08

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PAGE 4

*** MODELOPTs: CONC ELEV ARM2 RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS

AVERAGED OVER 5 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3

**

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NETWORK
GROUP ID          AVERAGE CONC          RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG) OF TYPE  GRID-ID
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EG      1ST HIGHEST VALUE IS      0.06538 AT ( 430188.78,  5202928.50,   4.81,
5.40,   0.00) DC
      2ND HIGHEST VALUE IS      0.06525 AT ( 430190.34,  5202928.38,   4.63,
5.40,   0.00) DC
      3RD HIGHEST VALUE IS      0.06494 AT ( 430188.78,  5202916.00,   4.78,
4.78,   0.00) DC
      4TH HIGHEST VALUE IS      0.06473 AT ( 430190.29,  5202916.15,   4.59,
5.41,   0.00) DC
      5TH HIGHEST VALUE IS      0.06460 AT ( 430176.34,  5202916.00,   5.53,

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5.53,	0.00) DC					
6TH HIGHEST VALUE IS		0.06451	AT (430190.40,	5202940.60,	4.77,
5.44,	0.00) DC					
7TH HIGHEST VALUE IS		0.06451	AT (	430188.78,	5202941.00,	4.95,
4.95,	0.00) DC					
8TH HIGHEST VALUE IS		0.06439	AT (	430176.34,	5202928.50,	5.54,
5.54,	0.00) DC					
9TH HIGHEST VALUE IS		0.06376	AT (	430176.34,	5202903.50,	5.56,
5.56,	0.00) DC					
10TH HIGHEST VALUE IS		0.06361	AT (	430188.78,	5202903.50,	4.79,
4.79,	0.00) DC					
EP04	1ST HIGHEST VALUE IS	1.57095	AT (	430797.97,	5203015.50,	6.01,
6.01,	0.00) DC					
2ND HIGHEST VALUE IS		1.56370	AT (	430847.69,	5203003.00,	5.45,
5.45,	0.00) DC					
3RD HIGHEST VALUE IS		1.56369	AT (	430822.84,	5203040.50,	5.93,
7.90,	0.00) DC					
4TH HIGHEST VALUE IS		1.56297	AT (	430835.28,	5202990.50,	5.59,
6.29,	0.00) DC					
5TH HIGHEST VALUE IS		1.56098	AT (	430810.41,	5203040.50,	6.01,
7.15,	0.00) DC					
6TH HIGHEST VALUE IS		1.56090	AT (	430835.28,	5203003.00,	5.28,
6.29,	0.00) DC					
7TH HIGHEST VALUE IS		1.55841	AT (	430810.41,	5203028.00,	5.56,
5.56,	0.00) DC					
8TH HIGHEST VALUE IS		1.55794	AT (	430822.84,	5203003.00,	5.23,
5.23,	0.00) DC					
9TH HIGHEST VALUE IS		1.55726	AT (	430847.69,	5202990.50,	5.48,
5.48,	0.00) DC					
10TH HIGHEST VALUE IS		1.55258	AT (	430835.28,	5203015.50,	4.98,
4.98,	0.00) DC					
EP08	1ST HIGHEST VALUE IS	0.06708	AT (	430192.23,	5203029.44,	4.28,
92.43,	0.00) DC					
2ND HIGHEST VALUE IS		0.06695	AT (	430191.48,	5203021.69,	4.36,
92.43,	0.00) DC					
3RD HIGHEST VALUE IS		0.06665	AT (	430190.73,	5203013.94,	4.44,
92.43,	0.00) DC					
4TH HIGHEST VALUE IS		0.06647	AT (	430188.78,	5203028.00,	4.70,
92.43,	0.00) DC					
5TH HIGHEST VALUE IS		0.06643	AT (	430188.78,	5203015.50,	4.70,
92.43,	0.00) DC					
6TH HIGHEST VALUE IS		0.06634	AT (	430192.87,	5203041.83,	4.23,
92.43,	0.00) DC					
7TH HIGHEST VALUE IS		0.06627	AT (	430188.78,	5203040.50,	4.68,
92.43,	0.00) DC					
8TH HIGHEST VALUE IS		0.06561	AT (	430193.52,	5203054.23,	4.25,
92.43,	0.00) DC					
9TH HIGHEST VALUE IS		0.06558	AT (	430188.78,	5203003.00,	4.68,

92.43,	0.00) DC				
	10TH HIGHEST VALUE IS	0.06556	AT (	430190.67,	5203001.72,
92.43,	0.00) DC				4.41,
ALL	1ST HIGHEST VALUE IS	1.61463	AT (	430797.97,	5203015.50,
6.01,	0.00) DC				6.01,
	2ND HIGHEST VALUE IS	1.61196	AT (	430822.84,	5203040.50,
7.90,	0.00) DC				5.93,
	3RD HIGHEST VALUE IS	1.60944	AT (	430847.69,	5203003.00,
5.45,	0.00) DC				5.45,
	4TH HIGHEST VALUE IS	1.60842	AT (	430810.41,	5203040.50,
7.15,	0.00) DC				6.01,
	5TH HIGHEST VALUE IS	1.60645	AT (	430835.28,	5202990.50,
6.29,	0.00) DC				5.59,
	6TH HIGHEST VALUE IS	1.60599	AT (	430835.28,	5203003.00,
6.29,	0.00) DC				5.28,
	7TH HIGHEST VALUE IS	1.60476	AT (	430810.41,	5203028.00,
5.56,	0.00) DC				5.56,
	8TH HIGHEST VALUE IS	1.60218	AT (	430822.84,	5203003.00,
5.23,	0.00) DC				5.23,
	9TH HIGHEST VALUE IS	1.60148	AT (	430847.69,	5202990.50,
5.48,	0.00) DC				5.48,
	10TH HIGHEST VALUE IS	1.59892	AT (	430835.28,	5203015.50,
4.98,	0.00) DC				4.98,

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

▲ *** AERMOD - VERSION 22112 *** **

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*** MODELOPTs: CONC ELEV ARM2 RURAL ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
 A Total of 2 Warning Message(s)
 A Total of 758 Informational Message(s)
 A Total of 43824 Hours Were Processed
 A Total of 398 Calm Hours Identified

A Total of 360 Missing Hours Identified (0.82 Percent)

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

***** WARNING MESSAGES *****
SO W320 46 PPARAM: Input Parameter May Be Out-of-Range for Parameter
VS
ME W187 11561 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

▲ *** AERMOD - VERSION 22112 *** ***
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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

** Model Options Selected:

- * Model Allows User-Specified Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses RURAL Dispersion Only.
- * Option for Capped & Horiz Stacks Selected With:
 - 0 Capped Stack(s); and 3 Horizontal Stack(s)
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: PM-2.5

**Note that special processing requirements apply for the 24-hour PM2.5 NAAQS - check available guidance.

Model will process user-specified ranks of high 24-hour values averaged across the number of years modeled, and the multi-year average of individual ANNUAL values, averaged across the number of years modeled.

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 652 Source(s); 30 Source Group(s); and 11358 Receptor(s)

with: 14 POINT(s), including
0 POINTCAP(s) and 3 POINTHOR(s)
and: 635 VOLUME source(s)

and: 3 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

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

**The AERMET Input Meteorological Data Version Date: 22112

**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)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

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

Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 5.50 ; Decay
Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;
Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 56.5 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: HOQUIAMPROJECT_PM2P5_24HR.ERR

**File for Summary of Results: HOQUIAMPROJECT_PM2P5_24HR.SUM

▲ *** AERMOD - VERSION 22112 *** **

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*


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18 01 01 1 20 -39.1 0.376 -9.000 -9.000 -999. 552. 155.2 0.01 0.28
1.00 6.48 67. 10.0 276.4 2.0
18 01 01 1 21 -31.0 0.298 -9.000 -9.000 -999. 394. 97.7 0.01 0.28
1.00 5.19 65. 10.0 276.4 2.0
18 01 01 1 22 -29.6 0.285 -9.000 -9.000 -999. 365. 89.2 0.01 0.28
1.00 4.97 62. 10.0 276.4 2.0
18 01 01 1 23 -31.5 0.303 -9.000 -9.000 -999. 400. 100.8 0.01 0.28
1.00 5.27 61. 10.0 276.4 2.0
18 01 01 1 24 -31.5 0.304 -9.000 -9.000 -999. 402. 101.6 0.01 0.28
1.00 5.29 63. 10.0 277.0 2.0

```

First hour of profile data

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YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
18 01 01 01 10.0 1 67. 5.51 276.0 99.0 -99.00 -99.00

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

↑ *** AERMOD - VERSION 22112 *** **

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST 24-HR RESULTS
AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE	GRID-ID	
EG	1ST HIGHEST VALUE IS	0.09475 AT (	430188.78, 5202928.50, 4.81,
5.40,	0.00) DC		
	2ND HIGHEST VALUE IS	0.09469 AT (	430190.34, 5202928.38, 4.63,
5.40,	0.00) DC		
	3RD HIGHEST VALUE IS	0.09340 AT (	430206.98, 5202890.68, 5.02,
5.02,	0.00) DC		
	4TH HIGHEST VALUE IS	0.09281 AT (	430176.34, 5202928.50, 5.54,
5.54,	0.00) DC		
	5TH HIGHEST VALUE IS	0.09277 AT (	430215.23, 5202890.93, 5.02,
5.02,	0.00) DC		

	6TH HIGHEST VALUE IS	0.09260	AT (	430190.40,	5202940.60,	4.77,
5.44,	0.00) DC					
	7TH HIGHEST VALUE IS	0.09233	AT (	430198.73,	5202890.43,	4.91,
4.91,	0.00) DC					
	8TH HIGHEST VALUE IS	0.09208	AT (	430188.78,	5202941.00,	4.95,
4.95,	0.00) DC					
	9TH HIGHEST VALUE IS	0.09129	AT (	430176.34,	5202916.00,	5.53,
5.53,	0.00) DC					
	10TH HIGHEST VALUE IS	0.09125	AT (	430176.34,	5202878.50,	5.62,
5.62,	0.00) DC					
EP01	1ST HIGHEST VALUE IS	1.42291	AT (	430114.19,	5203102.50,	4.91,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	1.41982	AT (	430126.63,	5203102.50,	4.83,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	1.41702	AT (	430101.75,	5203102.50,	4.91,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	1.40943	AT (	430139.06,	5203102.50,	4.64,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	1.40797	AT (	430076.91,	5203090.00,	4.86,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	1.40634	AT (	430151.50,	5203102.50,	4.69,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	1.40490	AT (	430089.31,	5203102.50,	4.86,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	1.40433	AT (	430089.31,	5203090.00,	4.81,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	1.40009	AT (	430039.59,	5203090.00,	5.16,
92.43,	0.00) DC					
	10TH HIGHEST VALUE IS	1.39910	AT (	430064.47,	5203090.00,	4.74,
92.43,	0.00) DC					
EP02	1ST HIGHEST VALUE IS	0.62783	AT (	430188.78,	5203053.00,	4.70,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	0.62691	AT (	430176.34,	5203053.00,	5.12,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	0.62325	AT (	430176.34,	5203065.00,	5.11,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	0.62297	AT (	430193.52,	5203054.23,	4.25,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	0.62217	AT (	430188.78,	5203065.00,	4.67,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	0.61225	AT (	430194.16,	5203066.62,	4.29,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	0.60778	AT (	430163.91,	5203053.00,	4.70,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	0.60488	AT (	430163.91,	5203065.00,	4.66,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	0.59857	AT (	430151.50,	5203053.00,	4.76,
92.43,	0.00) DC					

10TH HIGHEST VALUE IS 0.59697 AT (430151.50, 5203065.00, 4.78,
 92.43, 0.00) DC
 EP03 1ST HIGHEST VALUE IS 0.63589 AT (430188.78, 5203053.00, 4.70,
 92.43, 0.00) DC
 2ND HIGHEST VALUE IS 0.63245 AT (430176.34, 5203053.00, 5.12,
 92.43, 0.00) DC
 3RD HIGHEST VALUE IS 0.63243 AT (430193.52, 5203054.23, 4.25,
 92.43, 0.00) DC
 4TH HIGHEST VALUE IS 0.63120 AT (430188.78, 5203065.00, 4.67,
 92.43, 0.00) DC
 5TH HIGHEST VALUE IS 0.62933 AT (430176.34, 5203065.00, 5.11,
 92.43, 0.00) DC
 6TH HIGHEST VALUE IS 0.62357 AT (430194.16, 5203066.62, 4.29,
 92.43, 0.00) DC
 7TH HIGHEST VALUE IS 0.61226 AT (430163.91, 5203053.00, 4.70,
 92.43, 0.00) DC
 8TH HIGHEST VALUE IS 0.61066 AT (430163.91, 5203065.00, 4.66,
 92.43, 0.00) DC
 9TH HIGHEST VALUE IS 0.60225 AT (430151.50, 5203065.00, 4.78,
 92.43, 0.00) DC
 10TH HIGHEST VALUE IS 0.60176 AT (430151.50, 5203053.00, 4.76,
 92.43, 0.00) DC

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST 24-HR RESULTS
 AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

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

EP04	1ST HIGHEST VALUE IS	6.75332 AT (430164.06, 5203787.50,	68.49,
92.43,	0.00) DC		
92.43,	2ND HIGHEST VALUE IS	6.72935 AT (430487.69, 5203812.50,	72.07,
92.43,	0.00) DC		

92.43,	3RD HIGHEST VALUE IS	6.70881	AT (	430478.81,	5203862.50,	68.62,
	0.00) DC					
92.43,	4TH HIGHEST VALUE IS	6.68426	AT (	430512.56,	5203812.50,	62.27,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	6.67497	AT (	430188.97,	5203787.50,	69.43,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	6.63361	AT (	430437.91,	5203787.50,	65.49,
	0.00) DC					
92.43,	7TH HIGHEST VALUE IS	6.54664	AT (	430413.00,	5203787.50,	72.04,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	6.47936	AT (	430528.06,	5203862.50,	71.41,
	0.00) DC					
89.87,	9TH HIGHEST VALUE IS	6.28126	AT (	430139.16,	5203787.50,	71.39,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	6.26582	AT (	430213.84,	5203787.50,	71.57,
	0.00) DC					
EP05	1ST HIGHEST VALUE IS	0.25337	AT (	430188.78,	5203028.00,	4.70,
92.43,	0.00) DC					
92.43,	2ND HIGHEST VALUE IS	0.25277	AT (	430192.23,	5203029.44,	4.28,
	0.00) DC					
92.43,	3RD HIGHEST VALUE IS	0.24862	AT (	430191.48,	5203021.69,	4.36,
	0.00) DC					
92.43,	4TH HIGHEST VALUE IS	0.24495	AT (	430176.34,	5203028.00,	5.19,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	0.23863	AT (	430188.78,	5203040.50,	4.68,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	0.23643	AT (	430192.87,	5203041.83,	4.23,
	0.00) DC					
92.43,	7TH HIGHEST VALUE IS	0.23604	AT (	430188.78,	5203015.50,	4.70,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	0.23373	AT (	430163.91,	5203028.00,	4.71,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	0.23144	AT (	430176.34,	5203040.50,	5.19,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	0.23142	AT (	430190.73,	5203013.94,	4.44,
	0.00) DC					
EP06	1ST HIGHEST VALUE IS	0.25042	AT (	430188.78,	5203028.00,	4.70,
92.43,	0.00) DC					
92.43,	2ND HIGHEST VALUE IS	0.25038	AT (	430192.23,	5203029.44,	4.28,
	0.00) DC					
92.43,	3RD HIGHEST VALUE IS	0.24595	AT (	430191.48,	5203021.69,	4.36,
	0.00) DC					
92.43,	4TH HIGHEST VALUE IS	0.24219	AT (	430176.34,	5203028.00,	5.19,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	0.23613	AT (	430188.78,	5203040.50,	4.68,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	0.23456	AT (	430192.87,	5203041.83,	4.23,
	0.00) DC					

92.43,	7TH HIGHEST VALUE IS	0.23319	AT (	430188.78,	5203015.50,	4.70,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	0.23133	AT (	430163.91,	5203028.00,	4.71,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	0.22932	AT (	430176.34,	5203040.50,	5.19,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	0.22894	AT (	430190.73,	5203013.94,	4.44,
	0.00) DC					
EP08	1ST HIGHEST VALUE IS	2.56454	AT (	430713.97,	5203151.14,	4.86,
92.43,	0.00) DC					
92.43,	2ND HIGHEST VALUE IS	2.54750	AT (	430714.00,	5203163.34,	4.79,
	0.00) DC					
92.43,	3RD HIGHEST VALUE IS	2.28478	AT (	430714.04,	5203175.55,	4.84,
	0.00) DC					
92.43,	4TH HIGHEST VALUE IS	2.20948	AT (	430713.94,	5203138.94,	4.91,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	2.15081	AT (	430723.38,	5203152.00,	4.83,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	2.13717	AT (	430194.80,	5203079.01,	4.42,
	0.00) DC					
92.43,	7TH HIGHEST VALUE IS	2.13170	AT (	430188.78,	5203077.50,	4.73,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	2.12860	AT (	430194.16,	5203066.62,	4.29,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	2.11720	AT (	430195.44,	5203091.41,	4.39,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	2.11638	AT (430714.10,	5203199.95,	5.08,
	0.00) DC					

▲ *** AERMOD - VERSION 22112 *** **

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST 24-HR RESULTS
AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

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

EP09	1ST HIGHEST VALUE IS	0.41588 AT (	430731.77,	5203037.94,	5.11,
	92.43, 0.00) DC				
	2ND HIGHEST VALUE IS	0.41226 AT (	430724.77,	5203047.94,	5.10,
	92.43, 0.00) DC				
	3RD HIGHEST VALUE IS	0.40625 AT (	430717.77,	5203057.94,	5.11,
	92.43, 0.00) DC				
	4TH HIGHEST VALUE IS	0.40036 AT (	430744.02,	5203016.94,	5.14,
	92.43, 0.00) DC				
	5TH HIGHEST VALUE IS	0.39180 AT (	430723.38,	5203053.00,	5.09,
	92.43, 0.00) DC				
	6TH HIGHEST VALUE IS	0.38956 AT (	430735.81,	5203040.50,	5.09,
	92.43, 0.00) DC				
	7TH HIGHEST VALUE IS	0.38584 AT (	430738.77,	5203027.94,	5.10,
	92.43, 0.00) DC				
	8TH HIGHEST VALUE IS	0.38485 AT (	430748.25,	5203015.50,	5.09,
	92.43, 0.00) DC				
	9TH HIGHEST VALUE IS	0.37664 AT (	430749.27,	5203005.94,	5.13,
	5.13, 0.00) DC				
	10TH HIGHEST VALUE IS	0.37256 AT (	430715.77,	5203067.94,	5.15,
	92.43, 0.00) DC				
EP10	1ST HIGHEST VALUE IS	2.16039 AT (	430713.77,	5203077.94,	5.23,
	92.43, 0.00) DC				
	2ND HIGHEST VALUE IS	2.12350 AT (	430715.77,	5203067.94,	5.15,
	92.43, 0.00) DC				
	3RD HIGHEST VALUE IS	2.04664 AT (	430713.80,	5203090.14,	5.09,
	92.43, 0.00) DC				
	4TH HIGHEST VALUE IS	2.04424 AT (	430713.84,	5203102.34,	5.03,
	92.43, 0.00) DC				
	5TH HIGHEST VALUE IS	1.98248 AT (	430713.87,	5203114.54,	4.99,
	92.43, 0.00) DC				
	6TH HIGHEST VALUE IS	1.96837 AT (	430723.38,	5203090.00,	5.16,
	92.43, 0.00) DC				
	7TH HIGHEST VALUE IS	1.94617 AT (	430723.38,	5203077.50,	5.13,
	92.43, 0.00) DC				
	8TH HIGHEST VALUE IS	1.93206 AT (	430723.38,	5203102.50,	5.18,
	92.43, 0.00) DC				
	9TH HIGHEST VALUE IS	1.84028 AT (	430713.90,	5203126.74,	4.97,
	92.43, 0.00) DC				
	10TH HIGHEST VALUE IS	1.82804 AT (	430717.77,	5203057.94,	5.11,
	92.43, 0.00) DC				
EP11	1ST HIGHEST VALUE IS	1.78866 AT (	430713.77,	5203077.94,	5.23,
	92.43, 0.00) DC				
	2ND HIGHEST VALUE IS	1.78332 AT (	430713.84,	5203102.34,	5.03,
	92.43, 0.00) DC				
	3RD HIGHEST VALUE IS	1.77443 AT (	430713.87,	5203114.54,	4.99,
	92.43, 0.00) DC				

92.43,	4TH HIGHEST VALUE IS	1.74694	AT (	430713.80,	5203090.14,	5.09,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	1.71837	AT (	430723.38,	5203102.50,	5.18,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	1.70945	AT (	430723.38,	5203090.00,	5.16,
	0.00) DC					
92.43,	7TH HIGHEST VALUE IS	1.70894	AT (	430715.77,	5203067.94,	5.15,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	1.69040	AT (	430723.38,	5203077.50,	5.13,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	1.65225	AT (	430713.90,	5203126.74,	4.97,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	1.63969	AT (	430723.38,	5203115.00,	5.09,
	0.00) DC					
EP12	1ST HIGHEST VALUE IS	0.71211	AT (	430717.77,	5203057.94,	5.11,
92.43,	0.00) DC					
92.43,	2ND HIGHEST VALUE IS	0.69571	AT (	430723.38,	5203053.00,	5.09,
	0.00) DC					
92.43,	3RD HIGHEST VALUE IS	0.69148	AT (	430724.77,	5203047.94,	5.10,
	0.00) DC					
92.43,	4TH HIGHEST VALUE IS	0.67898	AT (	430715.77,	5203067.94,	5.15,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	0.66856	AT (	430723.38,	5203065.00,	5.01,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	0.64041	AT (	430797.97,	5203077.50,	6.14,
	0.00) DC					
92.43,	7TH HIGHEST VALUE IS	0.63881	AT (	430713.87,	5203114.54,	4.99,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	0.63763	AT (	430810.41,	5203077.50,	6.36,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	0.63408	AT (	430723.38,	5203115.00,	5.09,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	0.63352	AT (430785.53,	5203077.50,	6.08,
	0.00) DC					

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST 24-HR RESULTS
 AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR	(XR, YR, ZELEV,	
ZHILL, ZFLAG)	OF TYPE	GRID-ID			
EP13	1ST HIGHEST VALUE IS	2.23627 AT (	430713.84,	5203102.34,	5.03,
92.43,	0.00) DC				
	2ND HIGHEST VALUE IS	2.18095 AT (	430713.80,	5203090.14,	5.09,
92.43,	0.00) DC				
	3RD HIGHEST VALUE IS	2.17966 AT (	430713.87,	5203114.54,	4.99,
92.43,	0.00) DC				
	4TH HIGHEST VALUE IS	2.15965 AT (	430713.77,	5203077.94,	5.23,
92.43,	0.00) DC				
	5TH HIGHEST VALUE IS	2.13463 AT (	430715.77,	5203067.94,	5.15,
92.43,	0.00) DC				
	6TH HIGHEST VALUE IS	2.10683 AT (	430723.38,	5203102.50,	5.18,
92.43,	0.00) DC				
	7TH HIGHEST VALUE IS	2.06483 AT (	430713.90,	5203126.74,	4.97,
92.43,	0.00) DC				
	8TH HIGHEST VALUE IS	2.05268 AT (	430723.38,	5203090.00,	5.16,
92.43,	0.00) DC				
	9TH HIGHEST VALUE IS	2.01772 AT (	430713.94,	5203138.94,	4.91,
92.43,	0.00) DC				
	10TH HIGHEST VALUE IS	2.00088 AT (	430723.38,	5203115.00,	5.09,
92.43,	0.00) DC				
EP14	1ST HIGHEST VALUE IS	1.93031 AT (	430713.87,	5203114.54,	4.99,
92.43,	0.00) DC				
	2ND HIGHEST VALUE IS	1.91990 AT (	430713.84,	5203102.34,	5.03,
92.43,	0.00) DC				
	3RD HIGHEST VALUE IS	1.84456 AT (	430713.90,	5203126.74,	4.97,
92.43,	0.00) DC				
	4TH HIGHEST VALUE IS	1.82434 AT (	430723.38,	5203102.50,	5.18,
92.43,	0.00) DC				
	5TH HIGHEST VALUE IS	1.82307 AT (	430713.80,	5203090.14,	5.09,
92.43,	0.00) DC				
	6TH HIGHEST VALUE IS	1.77850 AT (	430723.38,	5203115.00,	5.09,
92.43,	0.00) DC				
	7TH HIGHEST VALUE IS	1.77569 AT (	430713.94,	5203138.94,	4.91,
92.43,	0.00) DC				
	8TH HIGHEST VALUE IS	1.76625 AT (	430723.38,	5203090.00,	5.16,
92.43,	0.00) DC				
	9TH HIGHEST VALUE IS	1.71151 AT (	430713.77,	5203077.94,	5.23,
92.43,	0.00) DC				
	10TH HIGHEST VALUE IS	1.69107 AT (	430723.38,	5203127.50,	5.09,
92.43,	0.00) DC				

FEL_P1	1ST HIGHEST VALUE IS	3.42478	AT (	430198.02,	5203140.98,	4.33,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	3.33586	AT (	430188.78,	5203140.00,	4.72,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	3.33391	AT (	430197.37,	5203128.59,	4.30,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	3.23135	AT (	430198.66,	5203153.38,	4.42,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	3.22348	AT (	430188.78,	5203127.50,	4.71,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	3.16589	AT (	430188.78,	5203152.00,	4.73,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	3.14830	AT (	430176.34,	5203140.00,	4.88,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	3.03702	AT (	430176.34,	5203127.50,	4.91,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	3.00728	AT (	430196.73,	5203116.20,	4.25,
92.43,	0.00) DC					
	10TH HIGHEST VALUE IS	2.99991	AT (	430176.34,	5203152.00,	4.84,
92.43,	0.00) DC					
FEL_P2	1ST HIGHEST VALUE IS	1.80031	AT (	430194.16,	5203066.62,	4.29,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	1.79105	AT (	430188.78,	5203065.00,	4.67,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	1.75801	AT (	430193.52,	5203054.23,	4.25,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	1.73358	AT (	430188.78,	5203053.00,	4.70,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	1.69876	AT (	430176.34,	5203065.00,	5.11,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	1.64768	AT (	430188.78,	5203077.50,	4.73,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	1.64322	AT (	430194.80,	5203079.01,	4.42,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	1.63658	AT (	430176.34,	5203053.00,	5.12,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	1.59878	AT (	430188.78,	5203028.00,	4.70,
92.43,	0.00) DC					
	10TH HIGHEST VALUE IS	1.59538	AT (430191.48,	5203021.69,	4.36,
92.43,	0.00) DC					

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST 24-HR RESULTS
 AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

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

FEL_P3	1ST HIGHEST VALUE IS	1.42170 AT (	430190.62, 5202989.49, 4.43,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	1.41700 AT (	430188.78, 5202990.50, 4.68,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	1.37912 AT (	430188.78, 5202978.00, 4.73,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	1.37244 AT (	430190.56, 5202977.27, 4.52,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	1.34875 AT (	430176.34, 5202990.50, 5.33,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	1.33889 AT (	430190.45, 5202952.82, 5.21,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	1.32181 AT (	430188.78, 5202953.50, 5.22,
92.43,	0.00) DC		
	8TH HIGHEST VALUE IS	1.30581 AT (	430176.34, 5202978.00, 5.39,
92.43,	0.00) DC		
	9TH HIGHEST VALUE IS	1.27304 AT (	430188.78, 5202941.00, 4.95,
4.95,	0.00) DC		
	10TH HIGHEST VALUE IS	1.27074 AT (	430190.40, 5202940.60, 4.77,
5.44,	0.00) DC		
LOAD_P	1ST HIGHEST VALUE IS	0.03007 AT (	430196.09, 5203103.80, 4.32,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	0.02954 AT (	430195.44, 5203091.41, 4.39,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	0.02947 AT (	430188.78, 5203102.50, 4.73,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	0.02863 AT (	430188.78, 5203090.00, 4.72,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	0.02819 AT (	430176.34, 5203102.50, 5.00,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	0.02803 AT (	430196.73, 5203116.20, 4.25,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	0.02799 AT (	430194.80, 5203079.01, 4.42,
92.43,	0.00) DC		
	8TH HIGHEST VALUE IS	0.02776 AT (	430188.78, 5203115.00, 4.70,

92.43,	0.00)	DC				
		9TH HIGHEST VALUE IS	0.02760	AT (	430190.73,	5203013.94,
92.43,	0.00)	DC				4.44,
		10TH HIGHEST VALUE IS	0.02747	AT (	430191.48,	5203021.69,
92.43,	0.00)	DC				4.36,
PILE1		1ST HIGHEST VALUE IS	4.35930	AT (	430199.30,	5203165.77,
92.43,	0.00)	DC				4.48,
		2ND HIGHEST VALUE IS	4.26810	AT (	430199.94,	5203178.16,
92.43,	0.00)	DC				4.29,
		3RD HIGHEST VALUE IS	4.09833	AT (	430188.78,	5203177.00,
92.43,	0.00)	DC				4.70,
		4TH HIGHEST VALUE IS	4.05627	AT (	430198.66,	5203153.38,
92.43,	0.00)	DC				4.42,
		5TH HIGHEST VALUE IS	4.03760	AT (	430188.78,	5203164.50,
92.43,	0.00)	DC				4.71,
		6TH HIGHEST VALUE IS	3.96906	AT (	430198.02,	5203140.98,
92.43,	0.00)	DC				4.33,
		7TH HIGHEST VALUE IS	3.80717	AT (	430188.78,	5203152.00,
92.43,	0.00)	DC				4.73,
		8TH HIGHEST VALUE IS	3.79693	AT (	430188.78,	5203140.00,
92.43,	0.00)	DC				4.72,
		9TH HIGHEST VALUE IS	3.74299	AT (	430176.34,	5203177.00,
92.43,	0.00)	DC				4.73,
		10TH HIGHEST VALUE IS	3.72007	AT (	430200.59,	5203190.56,
92.43,	0.00)	DC				4.44,
PILE2		1ST HIGHEST VALUE IS	5.10956	AT (	430188.78,	5203040.50,
92.43,	0.00)	DC				4.68,
		2ND HIGHEST VALUE IS	5.02981	AT (	430192.87,	5203041.83,
92.43,	0.00)	DC				4.23,
		3RD HIGHEST VALUE IS	4.80746	AT (	430188.78,	5203028.00,
92.43,	0.00)	DC				4.70,
		4TH HIGHEST VALUE IS	4.79438	AT (	430191.48,	5203021.69,
92.43,	0.00)	DC				4.36,
		5TH HIGHEST VALUE IS	4.79382	AT (	430176.34,	5203040.50,
92.43,	0.00)	DC				5.19,
		6TH HIGHEST VALUE IS	4.79287	AT (	430192.23,	5203029.44,
92.43,	0.00)	DC				4.28,
		7TH HIGHEST VALUE IS	4.78519	AT (	430188.78,	5203053.00,
92.43,	0.00)	DC				4.70,
		8TH HIGHEST VALUE IS	4.73628	AT (	430188.78,	5203015.50,
92.43,	0.00)	DC				4.70,
		9TH HIGHEST VALUE IS	4.65726	AT (	430190.73,	5203013.94,
92.43,	0.00)	DC				4.44,
		10TH HIGHEST VALUE IS	4.63780	AT (430193.52,	5203054.23,
92.43,	0.00)	DC				4.25,

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST 24-HR RESULTS
 AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE	GRID-ID	
PILE3	1ST HIGHEST VALUE IS	5.02034 AT (	430190.45, 5202952.82, 5.21,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	4.95938 AT (	430188.78, 5202953.50, 5.22,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	4.58142 AT (	430190.40, 5202940.60, 4.77,
5.44,	0.00) DC		
	4TH HIGHEST VALUE IS	4.57245 AT (	430188.78, 5202941.00, 4.95,
4.95,	0.00) DC		
	5TH HIGHEST VALUE IS	4.56445 AT (	430188.78, 5202965.50, 4.77,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	4.54972 AT (	430190.51, 5202965.05, 4.56,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	4.52832 AT (	430176.34, 5202953.50, 5.50,
5.50,	0.00) DC		
	8TH HIGHEST VALUE IS	4.49693 AT (	430188.78, 5202928.50, 4.81,
5.40,	0.00) DC		
	9TH HIGHEST VALUE IS	4.47983 AT (	430190.34, 5202928.38, 4.63,
5.40,	0.00) DC		
	10TH HIGHEST VALUE IS	4.39413 AT (	430176.34, 5202965.50, 5.47,
92.43,	0.00) DC		
T_P	1ST HIGHEST VALUE IS	0.24057 AT (	430401.24, 5202869.68, 5.67,
5.67,	0.00) DC		
	2ND HIGHEST VALUE IS	0.22987 AT (	430400.13, 5202866.50, 5.93,
5.93,	0.00) DC		
	3RD HIGHEST VALUE IS	0.21417 AT (	430389.49, 5202871.55, 5.49,
5.49,	0.00) DC		
	4TH HIGHEST VALUE IS	0.20363 AT (	430387.69, 5202866.50, 5.92,
5.92,	0.00) DC		
	5TH HIGHEST VALUE IS	0.18926 AT (	430377.74, 5202873.43, 5.40,

5.40,	0.00) DC	0.17910	AT (	430371.74,	5202875.68,	5.23,
5.23,	0.00) DC	0.17670	AT (	430375.28,	5202866.50,	5.91,
5.91,	0.00) DC	0.17203	AT (	430412.99,	5202867.80,	5.95,
5.95,	0.00) DC	0.17075	AT (	430365.74,	5202877.93,	5.16,
5.16,	0.00) DC	0.16431	AT (	430424.74,	5202865.93,	6.02,
6.02,	0.00) DC					
T_P1	1ST HIGHEST VALUE IS	1.23784	AT (	430196.73,	5203116.20,	4.25,
92.43,	0.00) DC	1.15522	AT (	430188.78,	5203115.00,	4.70,
92.43,	0.00) DC	1.13642	AT (	430196.09,	5203103.80,	4.32,
92.43,	0.00) DC	1.10912	AT (	430188.78,	5203102.50,	4.73,
92.43,	0.00) DC	1.06487	AT (	430190.34,	5202928.38,	4.63,
5.40,	0.00) DC	1.06439	AT (	430188.78,	5202928.50,	4.81,
5.40,	0.00) DC	1.04465	AT (	430424.74,	5202865.93,	6.02,
6.02,	0.00) DC	1.04202	AT (	430401.24,	5202869.68,	5.67,
5.67,	0.00) DC	1.02040	AT (	430188.78,	5203127.50,	4.71,
92.43,	0.00) DC	1.01500	AT (	430195.44,	5203091.41,	4.39,
92.43,	0.00) DC					
T_P1EX	1ST HIGHEST VALUE IS	0.97541	AT (	430210.43,	5203290.86,	4.37,
92.43,	0.00) DC	0.88032	AT (	430201.22,	5203289.00,	3.87,
92.43,	0.00) DC	0.83009	AT (	430204.83,	5203219.25,	4.33,
92.43,	0.00) DC	0.82776	AT (	430204.93,	5203229.55,	4.37,
92.43,	0.00) DC	0.79792	AT (	430201.22,	5203227.00,	4.18,
92.43,	0.00) DC	0.79226	AT (	430188.78,	5203289.00,	5.02,
92.43,	0.00) DC	0.77996	AT (	430204.73,	5203208.95,	4.43,
92.43,	0.00) DC	0.77204	AT (	430201.22,	5203214.50,	4.09,
92.43,	0.00) DC	0.76818	AT (	430205.03,	5203239.85,	4.31,
	9TH HIGHEST VALUE IS					

92.43, 0.00) DC
 10TH HIGHEST VALUE IS 0.76746 AT (430201.22, 5203301.50, 3.49,
 92.43, 0.00) DC

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST 24-HR RESULTS
 AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE GRID-ID		
T_P2	1ST HIGHEST VALUE IS	0.68451 AT (	430194.80, 5203079.01, 4.42,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	0.64230 AT (	430188.78, 5203077.50, 4.73,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	0.62125 AT (	430194.16, 5203066.62, 4.29,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	0.61060 AT (	430188.78, 5203065.00, 4.67,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	0.59962 AT (	430188.78, 5203090.00, 4.72,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	0.58675 AT (	430188.78, 5202928.50, 4.81,
5.40,	0.00) DC		
	7TH HIGHEST VALUE IS	0.58641 AT (	430190.34, 5202928.38, 4.63,
5.40,	0.00) DC		
	8TH HIGHEST VALUE IS	0.57568 AT (	430195.44, 5203091.41, 4.39,
92.43,	0.00) DC		
	9TH HIGHEST VALUE IS	0.57421 AT (	430424.74, 5202865.93, 6.02,
6.02,	0.00) DC		
	10TH HIGHEST VALUE IS	0.57408 AT (	430401.24, 5202869.68, 5.67,
5.67,	0.00) DC		
T_P2EX	1ST HIGHEST VALUE IS	0.51287 AT (	430210.43, 5203290.86, 4.37,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	0.49558 AT (	430201.22, 5203289.00, 3.87,

92.43,	0.00) DC	0.45404	AT (	430204.83,	5203219.25,	4.33,
92.43,	0.00) DC	0.45323	AT (	430204.93,	5203229.55,	4.37,
92.43,	0.00) DC	0.44920	AT (	430188.78,	5203301.50,	5.13,
92.43,	0.00) DC	0.44741	AT (	430188.78,	5203289.00,	5.02,
92.43,	0.00) DC	0.43688	AT (	430201.22,	5203227.00,	4.18,
92.43,	0.00) DC	0.42705	AT (	430204.73,	5203208.95,	4.43,
92.43,	0.00) DC	0.42247	AT (	430201.22,	5203214.50,	4.09,
92.43,	0.00) DC	0.42223	AT (	430205.03,	5203239.85,	4.31,
92.43,	0.00) DC					
T_P3	1ST HIGHEST VALUE IS	0.66016	AT (	430190.67,	5203001.72,	4.41,
92.43,	0.00) DC	0.64062	AT (	430188.78,	5203003.00,	4.68,
92.43,	0.00) DC	0.59308	AT (	430188.78,	5202990.50,	4.68,
92.43,	0.00) DC	0.58475	AT (	430190.62,	5202989.49,	4.43,
92.43,	0.00) DC	0.57634	AT (	430176.34,	5203003.00,	5.28,
92.43,	0.00) DC	0.54581	AT (	430176.34,	5202990.50,	5.33,
92.43,	0.00) DC	0.50462	AT (	430188.78,	5202978.00,	4.73,
92.43,	0.00) DC	0.49290	AT (	430190.56,	5202977.27,	4.52,
92.43,	0.00) DC	0.49098	AT (	430176.34,	5202978.00,	5.39,
92.43,	0.00) DC	0.48422	AT (	430163.91,	5203003.00,	4.99,
92.43,	0.00) DC					
T_P3EX	1ST HIGHEST VALUE IS	0.40509	AT (	430210.43,	5203290.86,	4.37,
92.43,	0.00) DC	0.37244	AT (	430201.22,	5203289.00,	3.87,
92.43,	0.00) DC	0.36127	AT (	430204.83,	5203219.25,	4.33,
92.43,	0.00) DC	0.36097	AT (	430204.93,	5203229.55,	4.37,
92.43,	0.00) DC	0.34775	AT (	430201.22,	5203227.00,	4.18,
92.43,	0.00) DC	0.33965	AT (	430204.73,	5203208.95,	4.43,

92.43, 0.00) DC
 7TH HIGHEST VALUE IS 0.33736 AT (430205.03, 5203239.85, 4.31,
 92.43, 0.00) DC
 8TH HIGHEST VALUE IS 0.33598 AT (430201.22, 5203214.50, 4.09,
 92.43, 0.00) DC
 9TH HIGHEST VALUE IS 0.33558 AT (430188.78, 5203289.00, 5.02,
 92.43, 0.00) DC
 10TH HIGHEST VALUE IS 0.32415 AT (430188.78, 5203214.50, 4.72,
 92.43, 0.00) DC

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST 24-HR RESULTS
 AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

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

T_PEX	1ST HIGHEST VALUE IS	0.66255 AT (	430210.43, 5203290.86, 4.37,
92.43,	0.00) DC		
92.43,	2ND HIGHEST VALUE IS	0.59648 AT (	430201.22, 5203289.00, 3.87,
92.43,	0.00) DC		
92.43,	3RD HIGHEST VALUE IS	0.52093 AT (	430188.78, 5203289.00, 5.02,
92.43,	0.00) DC		
92.43,	4TH HIGHEST VALUE IS	0.52059 AT (	430201.22, 5203301.50, 3.49,
92.43,	0.00) DC		
92.43,	5TH HIGHEST VALUE IS	0.49992 AT (	430210.13, 5203302.26, 3.15,
92.43,	0.00) DC		
92.43,	6TH HIGHEST VALUE IS	0.49831 AT (	430188.78, 5203301.50, 5.13,
92.43,	0.00) DC		
92.43,	7TH HIGHEST VALUE IS	0.47682 AT (	430210.73, 5203279.46, 4.32,
92.43,	0.00) DC		
92.43,	8TH HIGHEST VALUE IS	0.44793 AT (	430176.34, 5203289.00, 4.43,
92.43,	0.00) DC		
92.43,	9TH HIGHEST VALUE IS	0.44015 AT (	430176.34, 5203301.50, 4.99,
92.43,	0.00) DC		

10TH HIGHEST VALUE IS 0.42396 AT (430201.22, 5203276.50, 3.94,
92.43, 0.00) DC

ALL 1ST HIGHEST VALUE IS 14.86394 AT (430188.78, 5203053.00, 4.70,
92.43, 0.00) DC
2ND HIGHEST VALUE IS 14.66255 AT (430193.52, 5203054.23, 4.25,
92.43, 0.00) DC
3RD HIGHEST VALUE IS 14.56175 AT (430176.34, 5203053.00, 5.12,
92.43, 0.00) DC
4TH HIGHEST VALUE IS 14.53223 AT (430188.78, 5203040.50, 4.68,
92.43, 0.00) DC
5TH HIGHEST VALUE IS 14.39953 AT (430192.87, 5203041.83, 4.23,
92.43, 0.00) DC
6TH HIGHEST VALUE IS 14.25461 AT (430176.34, 5203040.50, 5.19,
92.43, 0.00) DC
7TH HIGHEST VALUE IS 14.22765 AT (430188.78, 5203028.00, 4.70,
92.43, 0.00) DC
8TH HIGHEST VALUE IS 14.22415 AT (430188.78, 5203065.00, 4.67,
92.43, 0.00) DC
9TH HIGHEST VALUE IS 14.17366 AT (430188.78, 5203015.50, 4.70,
92.43, 0.00) DC
10TH HIGHEST VALUE IS 14.10201 AT (430192.23, 5203029.44, 4.28,
92.43, 0.00) DC

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 6TH-HIGHEST 24-HR RESULTS
AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

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

EG 1ST HIGHEST VALUE IS 0.06797 AT (430188.78, 5202903.50, 4.79,
4.79, 0.00) DC
2ND HIGHEST VALUE IS 0.06778 AT (430190.23, 5202903.93, 4.63,
4.63, 0.00) DC

5.40,	3RD HIGHEST VALUE IS	0.06746	AT (	430188.78,	5202928.50,	4.81,
	0.00) DC					
5.40,	4TH HIGHEST VALUE IS	0.06733	AT (	430190.34,	5202928.38,	4.63,
	0.00) DC					
4.78,	5TH HIGHEST VALUE IS	0.06684	AT (	430188.78,	5202916.00,	4.78,
	0.00) DC					
5.56,	6TH HIGHEST VALUE IS	0.06681	AT (	430176.34,	5202903.50,	5.56,
	0.00) DC					
5.41,	7TH HIGHEST VALUE IS	0.06675	AT (	430190.29,	5202916.15,	4.59,
	0.00) DC					
5.54,	8TH HIGHEST VALUE IS	0.06627	AT (	430176.34,	5202928.50,	5.54,
	0.00) DC					
5.02,	9TH HIGHEST VALUE IS	0.06599	AT (	430206.98,	5202890.68,	5.02,
	0.00) DC					
4.91,	10TH HIGHEST VALUE IS	0.06581	AT (	430198.73,	5202890.43,	4.91,
	0.00) DC					
EP01	1ST HIGHEST VALUE IS	1.06734	AT (	430176.34,	5203065.00,	5.11,
92.43,	0.00) DC					
92.43,	2ND HIGHEST VALUE IS	1.06734	AT (	430114.19,	5203065.00,	4.73,
	0.00) DC					
92.43,	3RD HIGHEST VALUE IS	1.06729	AT (	430126.63,	5203065.00,	4.72,
	0.00) DC					
92.43,	4TH HIGHEST VALUE IS	1.06552	AT (	430151.50,	5203065.00,	4.78,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	1.06130	AT (	430101.75,	5203065.00,	4.74,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	1.06125	AT (	430163.91,	5203065.00,	4.66,
	0.00) DC					
92.43,	7TH HIGHEST VALUE IS	1.06091	AT (	430089.31,	5203065.00,	4.94,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	1.05917	AT (	430139.06,	5203065.00,	4.66,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	1.05186	AT (	430076.91,	5203065.00,	5.05,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	1.04810	AT (	430176.34,	5203077.50,	5.06,
	0.00) DC					
EP02	1ST HIGHEST VALUE IS	0.48861	AT (	430188.78,	5203040.50,	4.68,
92.43,	0.00) DC					
92.43,	2ND HIGHEST VALUE IS	0.48635	AT (	430176.34,	5203040.50,	5.19,
	0.00) DC					
92.43,	3RD HIGHEST VALUE IS	0.48510	AT (	430192.87,	5203041.83,	4.23,
	0.00) DC					
92.43,	4TH HIGHEST VALUE IS	0.46779	AT (	430163.91,	5203040.50,	4.76,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	0.45622	AT (	430151.50,	5203040.50,	4.81,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	0.45555	AT (	430188.78,	5203053.00,	4.70,
	0.00) DC					

92.43,	7TH HIGHEST VALUE IS	0.45159	AT (	430176.34,	5203053.00,	5.12,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	0.45025	AT (	430193.52,	5203054.23,	4.25,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	0.44955	AT (	430176.34,	5203028.00,	5.19,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	0.44684	AT (	430192.23,	5203029.44,	4.28,
	0.00) DC					
EP03	1ST HIGHEST VALUE IS	0.49040	AT (	430188.78,	5203040.50,	4.68,
92.43,	0.00) DC					
92.43,	2ND HIGHEST VALUE IS	0.48791	AT (	430192.87,	5203041.83,	4.23,
	0.00) DC					
92.43,	3RD HIGHEST VALUE IS	0.48364	AT (	430176.34,	5203040.50,	5.19,
	0.00) DC					
92.43,	4TH HIGHEST VALUE IS	0.46461	AT (	430163.91,	5203040.50,	4.76,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	0.45803	AT (	430188.78,	5203053.00,	4.70,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	0.45627	AT (	430192.23,	5203029.44,	4.28,
	0.00) DC					
92.43,	7TH HIGHEST VALUE IS	0.45479	AT (	430188.78,	5203028.00,	4.70,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	0.45449	AT (	430151.50,	5203040.50,	4.81,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	0.45339	AT (	430193.52,	5203054.23,	4.25,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	0.45284	AT (430176.34,	5203028.00,	5.19,
	0.00) DC					

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 6TH-HIGHEST 24-HR RESULTS
AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

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

EP04	1ST HIGHEST VALUE IS	3.99114 AT (	430413.00,	5203787.50,	72.04,
	92.43, 0.00) DC				
	2ND HIGHEST VALUE IS	3.91311 AT (	430487.69,	5203812.50,	72.07,
	92.43, 0.00) DC				
	3RD HIGHEST VALUE IS	3.90998 AT (	430528.06,	5203862.50,	71.41,
	92.43, 0.00) DC				
	4TH HIGHEST VALUE IS	3.88258 AT (	430388.09,	5203762.50,	64.80,
	92.43, 0.00) DC				
	5TH HIGHEST VALUE IS	3.82398 AT (	430437.91,	5203787.50,	65.49,
	92.43, 0.00) DC				
	6TH HIGHEST VALUE IS	3.74472 AT (	430478.81,	5203862.50,	68.62,
	92.43, 0.00) DC				
	7TH HIGHEST VALUE IS	3.60920 AT (	430577.28,	5203912.50,	72.20,
	91.58, 0.00) DC				
	8TH HIGHEST VALUE IS	3.50547 AT (	430462.78,	5203812.50,	77.60,
	92.43, 0.00) DC				
	9TH HIGHEST VALUE IS	3.50366 AT (	430512.56,	5203812.50,	62.27,
	92.43, 0.00) DC				
	10TH HIGHEST VALUE IS	3.49780 AT (	430626.53,	5203862.50,	65.38,
	92.43, 0.00) DC				
EP05	1ST HIGHEST VALUE IS	0.16351 AT (	430675.64,	5202899.18,	5.44,
	5.44, 0.00) DC				
	2ND HIGHEST VALUE IS	0.16152 AT (	430190.67,	5203001.72,	4.41,
	92.43, 0.00) DC				
	3RD HIGHEST VALUE IS	0.16028 AT (	430188.78,	5203003.00,	4.68,
	92.43, 0.00) DC				
	4TH HIGHEST VALUE IS	0.15792 AT (	430682.76,	5202907.93,	5.36,
	5.36, 0.00) DC				
	5TH HIGHEST VALUE IS	0.15735 AT (	430190.73,	5203013.94,	4.44,
	92.43, 0.00) DC				
	6TH HIGHEST VALUE IS	0.15723 AT (	430188.78,	5203015.50,	4.70,
	92.43, 0.00) DC				
	7TH HIGHEST VALUE IS	0.15658 AT (	430192.23,	5203029.44,	4.28,
	92.43, 0.00) DC				
	8TH HIGHEST VALUE IS	0.15623 AT (	430188.78,	5203028.00,	4.70,
	92.43, 0.00) DC				
	9TH HIGHEST VALUE IS	0.15600 AT (	430686.09,	5202903.50,	5.38,
	5.38, 0.00) DC				
	10TH HIGHEST VALUE IS	0.15547 AT (	430191.48,	5203021.69,	4.36,
	92.43, 0.00) DC				
EP06	1ST HIGHEST VALUE IS	0.16042 AT (	430190.67,	5203001.72,	4.41,
	92.43, 0.00) DC				
	2ND HIGHEST VALUE IS	0.15764 AT (	430188.78,	5203003.00,	4.68,
	92.43, 0.00) DC				
	3RD HIGHEST VALUE IS	0.15546 AT (	430190.73,	5203013.94,	4.44,
	92.43, 0.00) DC				

92.43,	4TH HIGHEST VALUE IS	0.15512	AT (	430188.78,	5203015.50,	4.70,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	0.15419	AT (	430192.23,	5203029.44,	4.28,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	0.15372	AT (	430191.48,	5203021.69,	4.36,
	0.00) DC					
92.43,	7TH HIGHEST VALUE IS	0.15359	AT (	430188.78,	5203028.00,	4.70,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	0.15178	AT (	430176.34,	5203003.00,	5.28,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	0.14946	AT (	430188.78,	5202978.00,	4.73,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	0.14938	AT (	430176.34,	5203015.50,	5.23,
	0.00) DC					
EP08	1ST HIGHEST VALUE IS	1.69801	AT (	430194.80,	5203079.01,	4.42,
92.43,	0.00) DC					
92.43,	2ND HIGHEST VALUE IS	1.68553	AT (	430188.78,	5203077.50,	4.73,
	0.00) DC					
92.43,	3RD HIGHEST VALUE IS	1.68402	AT (	430194.16,	5203066.62,	4.29,
	0.00) DC					
92.43,	4TH HIGHEST VALUE IS	1.67445	AT (	430193.52,	5203054.23,	4.25,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	1.67371	AT (	430188.78,	5203053.00,	4.70,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	1.66700	AT (	430188.78,	5203065.00,	4.67,
	0.00) DC					
92.43,	7TH HIGHEST VALUE IS	1.65970	AT (	430176.34,	5203077.50,	5.06,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	1.64781	AT (	430176.34,	5203053.00,	5.12,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	1.64744	AT (	430176.34,	5203065.00,	5.11,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	1.64322	AT (430195.44,	5203091.41,	4.39,
	0.00) DC					

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 6TH-HIGHEST 24-HR RESULTS
 AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE	GRID-ID	
EP09	1ST HIGHEST VALUE IS	0.31036 AT (	430744.02, 5203016.94, 5.14,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	0.30831 AT (	430738.77, 5203027.94, 5.10,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	0.30110 AT (	430748.25, 5203015.50, 5.09,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	0.29219 AT (	430749.27, 5203005.94, 5.13,
5.13,	0.00) DC		
	5TH HIGHEST VALUE IS	0.28950 AT (	430731.77, 5203037.94, 5.11,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	0.28449 AT (	430724.77, 5203047.94, 5.10,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	0.28025 AT (	430748.25, 5203028.00, 5.07,
92.43,	0.00) DC		
	8TH HIGHEST VALUE IS	0.27944 AT (	430717.77, 5203057.94, 5.11,
92.43,	0.00) DC		
	9TH HIGHEST VALUE IS	0.27255 AT (	430723.38, 5203053.00, 5.09,
92.43,	0.00) DC		
	10TH HIGHEST VALUE IS	0.27249 AT (	430760.69, 5203015.50, 5.14,
92.43,	0.00) DC		
EP10	1ST HIGHEST VALUE IS	1.76087 AT (	430715.77, 5203067.94, 5.15,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	1.75282 AT (	430713.77, 5203077.94, 5.23,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	1.68524 AT (	430713.80, 5203090.14, 5.09,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	1.60033 AT (	430713.84, 5203102.34, 5.03,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	1.58518 AT (	430717.77, 5203057.94, 5.11,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	1.58356 AT (	430723.38, 5203077.50, 5.13,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	1.56726 AT (	430723.38, 5203090.00, 5.16,
92.43,	0.00) DC		
	8TH HIGHEST VALUE IS	1.56000 AT (	430713.87, 5203114.54, 4.99,
92.43,	0.00) DC		
	9TH HIGHEST VALUE IS	1.53304 AT (	430723.38, 5203102.50, 5.18,
92.43,	0.00) DC		
	10TH HIGHEST VALUE IS	1.49625 AT (	430723.38, 5203065.00, 5.01,
92.43,	0.00) DC		

EP11	1ST HIGHEST VALUE IS	1.53859	AT (	430713.77,	5203077.94,	5.23,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	1.53367	AT (	430713.80,	5203090.14,	5.09,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	1.52331	AT (	430715.77,	5203067.94,	5.15,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	1.47921	AT (	430713.84,	5203102.34,	5.03,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	1.45395	AT (	430723.38,	5203102.50,	5.18,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	1.45140	AT (	430723.38,	5203077.50,	5.13,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	1.44348	AT (	430713.87,	5203114.54,	4.99,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	1.44311	AT (	430723.38,	5203090.00,	5.16,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	1.38054	AT (	430717.77,	5203057.94,	5.11,
92.43,	0.00) DC					
	10TH HIGHEST VALUE IS	1.34417	AT (	430723.38,	5203065.00,	5.01,
92.43,	0.00) DC					
EP12	1ST HIGHEST VALUE IS	0.60608	AT (	430717.77,	5203057.94,	5.11,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	0.59058	AT (	430715.77,	5203067.94,	5.15,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	0.58440	AT (	430723.38,	5203053.00,	5.09,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	0.57177	AT (	430724.77,	5203047.94,	5.10,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	0.56942	AT (	430723.38,	5203065.00,	5.01,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	0.56287	AT (	430713.77,	5203077.94,	5.23,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	0.55835	AT (	430723.38,	5203077.50,	5.13,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	0.54969	AT (	430785.53,	5203053.00,	5.88,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	0.54655	AT (	430797.97,	5203053.00,	6.12,
92.43,	0.00) DC					
	10TH HIGHEST VALUE IS	0.54635	AT (430785.53,	5203065.00,	5.88,
92.43,	0.00) DC					

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 6TH-HIGHEST 24-HR RESULTS
 AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE GRID-ID		
EP13	1ST HIGHEST VALUE IS	1.77886 AT (	430713.77, 5203077.94, 5.23,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	1.77776 AT (	430713.80, 5203090.14, 5.09,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	1.76196 AT (	430715.77, 5203067.94, 5.15,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	1.74250 AT (	430713.84, 5203102.34, 5.03,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	1.65869 AT (	430713.87, 5203114.54, 4.99,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	1.62549 AT (	430723.38, 5203102.50, 5.18,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	1.60747 AT (	430723.38, 5203090.00, 5.16,
92.43,	0.00) DC		
	8TH HIGHEST VALUE IS	1.58820 AT (	430723.38, 5203077.50, 5.13,
92.43,	0.00) DC		
	9TH HIGHEST VALUE IS	1.57766 AT (	430717.77, 5203057.94, 5.11,
92.43,	0.00) DC		
	10TH HIGHEST VALUE IS	1.56507 AT (	430713.90, 5203126.74, 4.97,
92.43,	0.00) DC		
EP14	1ST HIGHEST VALUE IS	1.54374 AT (	430713.80, 5203090.14, 5.09,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	1.53752 AT (	430713.84, 5203102.34, 5.03,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	1.48782 AT (	430713.77, 5203077.94, 5.23,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	1.48275 AT (	430713.87, 5203114.54, 4.99,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	1.44650 AT (	430723.38, 5203102.50, 5.18,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	1.43152 AT (	430713.90, 5203126.74, 4.97,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	1.42472 AT (	430715.77, 5203067.94, 5.15,
92.43,	0.00) DC		
	8TH HIGHEST VALUE IS	1.40652 AT (	430723.38, 5203090.00, 5.16,

92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	1.39554	AT (	430713.94,	5203138.94,	4.91,
92.43,	0.00) DC					
	10TH HIGHEST VALUE IS	1.39523	AT (	430723.38,	5203115.00,	5.09,
92.43,	0.00) DC					
FEL_P1	1ST HIGHEST VALUE IS	2.44999	AT (	430196.73,	5203116.20,	4.25,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	2.42231	AT (	430197.37,	5203128.59,	4.30,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	2.36137	AT (	430188.78,	5203115.00,	4.70,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	2.33367	AT (	430196.09,	5203103.80,	4.32,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	2.33363	AT (	430188.78,	5203127.50,	4.71,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	2.27400	AT (	430198.02,	5203140.98,	4.33,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	2.27293	AT (	430188.78,	5203102.50,	4.73,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	2.19827	AT (	430188.78,	5203140.00,	4.72,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	2.19031	AT (	430195.44,	5203091.41,	4.39,
92.43,	0.00) DC					
	10TH HIGHEST VALUE IS	2.17725	AT (	430176.34,	5203115.00,	4.96,
92.43,	0.00) DC					
FEL_P2	1ST HIGHEST VALUE IS	1.23851	AT (	430193.52,	5203054.23,	4.25,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	1.23090	AT (	430188.78,	5203040.50,	4.68,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	1.22935	AT (	430192.87,	5203041.83,	4.23,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	1.22749	AT (	430188.78,	5203053.00,	4.70,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	1.19900	AT (	430192.23,	5203029.44,	4.28,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	1.19536	AT (	430188.78,	5203028.00,	4.70,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	1.18365	AT (	430194.16,	5203066.62,	4.29,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	1.17701	AT (	430188.78,	5203065.00,	4.67,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	1.15984	AT (	430191.48,	5203021.69,	4.36,
92.43,	0.00) DC					
	10TH HIGHEST VALUE IS	1.14504	AT (430176.34,	5203053.00,	5.12,
92.43,	0.00) DC					

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 6TH-HIGHEST 24-HR RESULTS
 AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE	GRID-ID	
FEL_P3	1ST HIGHEST VALUE IS	0.97742 AT (	430190.45, 5202952.82, 5.21,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	0.97295 AT (	430190.51, 5202965.05, 4.56,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	0.97291 AT (	430188.78, 5202965.50, 4.77,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	0.96791 AT (	430188.78, 5202953.50, 5.22,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	0.96351 AT (	430190.56, 5202977.27, 4.52,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	0.95586 AT (	430188.78, 5202978.00, 4.73,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	0.92209 AT (	430190.62, 5202989.49, 4.43,
92.43,	0.00) DC		
	8TH HIGHEST VALUE IS	0.91951 AT (	430188.78, 5202990.50, 4.68,
92.43,	0.00) DC		
	9TH HIGHEST VALUE IS	0.90743 AT (	430190.40, 5202940.60, 4.77,
5.44,	0.00) DC		
	10TH HIGHEST VALUE IS	0.90405 AT (	430188.78, 5202941.00, 4.95,
4.95,	0.00) DC		
LOAD_P	1ST HIGHEST VALUE IS	0.01907 AT (	430194.16, 5203066.62, 4.29,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	0.01888 AT (	430194.80, 5203079.01, 4.42,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	0.01873 AT (	430713.87, 5203114.54, 4.99,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	0.01872 AT (	430188.78, 5203065.00, 4.67,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	0.01870 AT (	430192.87, 5203041.83, 4.23,

92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	0.01865	AT (	430190.67,	5203001.72,	4.41,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	0.01865	AT (	430188.78,	5203077.50,	4.73,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	0.01857	AT (	430193.52,	5203054.23,	4.25,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	0.01849	AT (	430713.77,	5203077.94,	5.23,
92.43,	0.00) DC					
	10TH HIGHEST VALUE IS	0.01844	AT (	430188.78,	5203040.50,	4.68,
92.43,	0.00) DC					
PILE1	1ST HIGHEST VALUE IS	3.16795	AT (	430198.66,	5203153.38,	4.42,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	3.15345	AT (	430199.30,	5203165.77,	4.48,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	2.95869	AT (	430188.78,	5203152.00,	4.73,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	2.93558	AT (	430198.02,	5203140.98,	4.33,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	2.91643	AT (	430188.78,	5203164.50,	4.71,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	2.86593	AT (	430199.94,	5203178.16,	4.29,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	2.81279	AT (	430188.78,	5203140.00,	4.72,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	2.71871	AT (	430197.37,	5203128.59,	4.30,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	2.71301	AT (	430188.78,	5203177.00,	4.70,
92.43,	0.00) DC					
	10TH HIGHEST VALUE IS	2.64380	AT (	430176.34,	5203152.00,	4.84,
92.43,	0.00) DC					
PILE2	1ST HIGHEST VALUE IS	3.85074	AT (	430188.78,	5203028.00,	4.70,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	3.84552	AT (	430192.23,	5203029.44,	4.28,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	3.77311	AT (	430191.48,	5203021.69,	4.36,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	3.63030	AT (	430188.78,	5203040.50,	4.68,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	3.57921	AT (	430188.78,	5203015.50,	4.70,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	3.57298	AT (	430192.87,	5203041.83,	4.23,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	3.54761	AT (	430190.73,	5203013.94,	4.44,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	3.42966	AT (	430176.34,	5203028.00,	5.19,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	3.31962	AT (	430188.78,	5203003.00,	4.68,

92.43, 0.00) DC
 10TH HIGHEST VALUE IS 3.30417 AT (430176.34, 5203040.50, 5.19,
 92.43, 0.00) DC

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 6TH-HIGHEST 24-HR RESULTS
 AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE GRID-ID		
PILE3	1ST HIGHEST VALUE IS	3.61292 AT (430188.78, 5202941.00,	4.95,
4.95,	0.00) DC		
	2ND HIGHEST VALUE IS	3.61185 AT (430190.45, 5202952.82,	5.21,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	3.58217 AT (430190.40, 5202940.60,	4.77,
5.44,	0.00) DC		
	4TH HIGHEST VALUE IS	3.53383 AT (430188.78, 5202953.50,	5.22,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	3.34159 AT (430190.34, 5202928.38,	4.63,
5.40,	0.00) DC		
	6TH HIGHEST VALUE IS	3.33512 AT (430188.78, 5202928.50,	4.81,
5.40,	0.00) DC		
	7TH HIGHEST VALUE IS	3.26171 AT (430176.34, 5202941.00,	5.52,
5.52,	0.00) DC		
	8TH HIGHEST VALUE IS	3.16267 AT (430176.34, 5202953.50,	5.50,
5.50,	0.00) DC		
	9TH HIGHEST VALUE IS	3.14166 AT (430176.34, 5202928.50,	5.54,
5.54,	0.00) DC		
	10TH HIGHEST VALUE IS	3.14072 AT (430190.29, 5202916.15,	4.59,
5.41,	0.00) DC		
T_P	1ST HIGHEST VALUE IS	0.16726 AT (430401.24, 5202869.68,	5.67,
5.67,	0.00) DC		
	2ND HIGHEST VALUE IS	0.16039 AT (430400.13, 5202866.50,	5.93,

5.93,	0.00) DC	0.14725 AT (	430389.49,	5202871.55,	5.49,
5.49,	0.00) DC	0.14015 AT (	430387.69,	5202866.50,	5.92,
5.92,	0.00) DC	0.12992 AT (	430377.74,	5202873.43,	5.40,
5.40,	0.00) DC	0.12555 AT (	430371.74,	5202875.68,	5.23,
5.23,	0.00) DC	0.12475 AT (	430424.74,	5202865.93,	6.02,
6.02,	0.00) DC	0.12196 AT (	430375.28,	5202866.50,	5.91,
5.91,	0.00) DC	0.12168 AT (	430412.99,	5202867.80,	5.95,
5.95,	0.00) DC	0.12156 AT (	430365.74,	5202877.93,	5.16,
5.16,	0.00) DC				
T_P1	1ST HIGHEST VALUE IS	1.01630 AT (	430196.73,	5203116.20,	4.25,
92.43,	0.00) DC	0.93113 AT (	430188.78,	5203115.00,	4.70,
92.43,	0.00) DC	0.90403 AT (	430196.09,	5203103.80,	4.32,
92.43,	0.00) DC	0.85436 AT (	430188.78,	5203102.50,	4.73,
92.43,	0.00) DC	0.79359 AT (	430195.44,	5203091.41,	4.39,
92.43,	0.00) DC	0.77001 AT (	430188.78,	5203090.00,	4.72,
92.43,	0.00) DC	0.76434 AT (	430188.78,	5202928.50,	4.81,
5.40,	0.00) DC	0.76384 AT (	430190.34,	5202928.38,	4.63,
5.40,	0.00) DC	0.75206 AT (	430401.24,	5202869.68,	5.67,
5.67,	0.00) DC	0.75168 AT (	430176.34,	5203115.00,	4.96,
92.43,	0.00) DC				
T_P1EX	1ST HIGHEST VALUE IS	0.70418 AT (	430210.43,	5203290.86,	4.37,
92.43,	0.00) DC	0.67551 AT (	430201.22,	5203289.00,	3.87,
92.43,	0.00) DC	0.65252 AT (	430204.93,	5203229.55,	4.37,
92.43,	0.00) DC	0.64308 AT (	430204.83,	5203219.25,	4.33,
92.43,	0.00) DC	0.63001 AT (	430205.03,	5203239.85,	4.31,
92.43,	0.00) DC	0.61654 AT (	430204.73,	5203208.95,	4.43,

92.43, 0.00) DC
 7TH HIGHEST VALUE IS 0.61311 AT (430201.22, 5203227.00, 4.18,
 92.43, 0.00) DC
 8TH HIGHEST VALUE IS 0.60628 AT (430210.73, 5203279.46, 4.32,
 92.43, 0.00) DC
 9TH HIGHEST VALUE IS 0.59972 AT (430201.22, 5203214.50, 4.09,
 92.43, 0.00) DC
 10TH HIGHEST VALUE IS 0.59521 AT (430201.22, 5203239.50, 4.05,
 92.43, 0.00) DC

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 6TH-HIGHEST 24-HR RESULTS
 AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE GRID-ID		
T_P2	1ST HIGHEST VALUE IS	0.55610 AT (	430194.80, 5203079.01, 4.42,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	0.51687 AT (	430188.78, 5203077.50, 4.73,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	0.49097 AT (	430194.16, 5203066.62, 4.29,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	0.47032 AT (	430188.78, 5203065.00, 4.67,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	0.43766 AT (	430193.52, 5203054.23, 4.25,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	0.43573 AT (	430188.78, 5203053.00, 4.70,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	0.42725 AT (	430176.34, 5203077.50, 5.06,
92.43,	0.00) DC		
	8TH HIGHEST VALUE IS	0.42377 AT (	430188.78, 5202928.50, 4.81,
5.40,	0.00) DC		
	9TH HIGHEST VALUE IS	0.42351 AT (	430190.34, 5202928.38, 4.63,
5.40,	0.00) DC		

	10TH HIGHEST VALUE IS	0.42002 AT (	430188.78,	5203090.00,	4.72,
92.43,	0.00) DC				
T_P2EX	1ST HIGHEST VALUE IS	0.38944 AT (	430201.22,	5203289.00,	3.87,
92.43,	0.00) DC				
	2ND HIGHEST VALUE IS	0.36891 AT (	430210.43,	5203290.86,	4.37,
92.43,	0.00) DC				
	3RD HIGHEST VALUE IS	0.35873 AT (	430204.93,	5203229.55,	4.37,
92.43,	0.00) DC				
	4TH HIGHEST VALUE IS	0.35580 AT (	430204.83,	5203219.25,	4.33,
92.43,	0.00) DC				
	5TH HIGHEST VALUE IS	0.34674 AT (	430205.03,	5203239.85,	4.31,
92.43,	0.00) DC				
	6TH HIGHEST VALUE IS	0.34196 AT (	430210.73,	5203279.46,	4.32,
92.43,	0.00) DC				
	7TH HIGHEST VALUE IS	0.33872 AT (	430204.73,	5203208.95,	4.43,
92.43,	0.00) DC				
	8TH HIGHEST VALUE IS	0.33678 AT (	430201.22,	5203227.00,	4.18,
92.43,	0.00) DC				
	9TH HIGHEST VALUE IS	0.33316 AT (	430201.22,	5203214.50,	4.09,
92.43,	0.00) DC				
	10TH HIGHEST VALUE IS	0.32969 AT (	430188.78,	5203289.00,	5.02,
92.43,	0.00) DC				
T_P3	1ST HIGHEST VALUE IS	0.47785 AT (	430188.78,	5202990.50,	4.68,
92.43,	0.00) DC				
	2ND HIGHEST VALUE IS	0.46572 AT (	430190.62,	5202989.49,	4.43,
92.43,	0.00) DC				
	3RD HIGHEST VALUE IS	0.45852 AT (	430190.67,	5203001.72,	4.41,
92.43,	0.00) DC				
	4TH HIGHEST VALUE IS	0.43296 AT (	430188.78,	5203003.00,	4.68,
92.43,	0.00) DC				
	5TH HIGHEST VALUE IS	0.42738 AT (	430176.34,	5202990.50,	5.33,
92.43,	0.00) DC				
	6TH HIGHEST VALUE IS	0.42593 AT (	430188.78,	5202978.00,	4.73,
92.43,	0.00) DC				
	7TH HIGHEST VALUE IS	0.41490 AT (	430190.56,	5202977.27,	4.52,
92.43,	0.00) DC				
	8TH HIGHEST VALUE IS	0.39863 AT (	430176.34,	5202978.00,	5.39,
92.43,	0.00) DC				
	9TH HIGHEST VALUE IS	0.37901 AT (	430176.34,	5203003.00,	5.28,
92.43,	0.00) DC				
	10TH HIGHEST VALUE IS	0.36919 AT (	430188.78,	5202965.50,	4.77,
92.43,	0.00) DC				
T_P3EX	1ST HIGHEST VALUE IS	0.29189 AT (	430210.43,	5203290.86,	4.37,
92.43,	0.00) DC				
	2ND HIGHEST VALUE IS	0.28768 AT (	430204.93,	5203229.55,	4.37,
92.43,	0.00) DC				
	3RD HIGHEST VALUE IS	0.28475 AT (	430204.83,	5203219.25,	4.33,

92.43, 0.00) DC
 4TH HIGHEST VALUE IS 0.28288 AT (430201.22, 5203289.00, 3.87,
 92.43, 0.00) DC
 5TH HIGHEST VALUE IS 0.27495 AT (430205.03, 5203239.85, 4.31,
 92.43, 0.00) DC
 6TH HIGHEST VALUE IS 0.27163 AT (430201.22, 5203227.00, 4.18,
 92.43, 0.00) DC
 7TH HIGHEST VALUE IS 0.27039 AT (430204.73, 5203208.95, 4.43,
 92.43, 0.00) DC
 8TH HIGHEST VALUE IS 0.26687 AT (430210.73, 5203279.46, 4.32,
 92.43, 0.00) DC
 9TH HIGHEST VALUE IS 0.26595 AT (430201.22, 5203214.50, 4.09,
 92.43, 0.00) DC
 10TH HIGHEST VALUE IS 0.26008 AT (430201.22, 5203239.50, 4.05,
 92.43, 0.00) DC

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 6TH-HIGHEST 24-HR RESULTS
 AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

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

T_PEX	1ST HIGHEST VALUE IS	0.48255 AT (430210.43, 5203290.86,	4.37,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	0.45885 AT (430201.22, 5203289.00,	3.87,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	0.39380 AT (430210.73, 5203279.46,	4.32,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	0.38294 AT (430188.78, 5203289.00,	5.02,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	0.34207 AT (430201.22, 5203276.50,	3.94,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	0.33165 AT (430201.22, 5203301.50,	3.49,
92.43,	0.00) DC		

92.43,	7TH HIGHEST VALUE IS	0.32654	AT (	430210.13,	5203302.26,	3.15,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	0.31739	AT (	430188.78,	5203276.50,	4.92,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	0.31620	AT (	430188.78,	5203301.50,	5.13,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	0.31321	AT (	430176.34,	5203289.00,	4.43,
	0.00) DC					
ALL	1ST HIGHEST VALUE IS	12.14241	AT (	430188.78,	5203028.00,	4.70,
92.43,	0.00) DC					
92.43,	2ND HIGHEST VALUE IS	12.08975	AT (	430192.23,	5203029.44,	4.28,
	0.00) DC					
92.43,	3RD HIGHEST VALUE IS	12.07017	AT (	430188.78,	5203040.50,	4.68,
	0.00) DC					
92.43,	4TH HIGHEST VALUE IS	11.94006	AT (	430192.87,	5203041.83,	4.23,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	11.87274	AT (	430176.34,	5203028.00,	5.19,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	11.73906	AT (	430188.78,	5203053.00,	4.70,
	0.00) DC					
92.43,	7TH HIGHEST VALUE IS	11.69480	AT (	430176.34,	5203040.50,	5.19,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	11.65013	AT (	430191.48,	5203021.69,	4.36,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	11.57526	AT (	430193.52,	5203054.23,	4.25,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	11.45520	AT (430188.78,	5203015.50,	4.70,
	0.00) DC					

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 8TH-HIGHEST 24-HR RESULTS
AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

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

EG	1ST HIGHEST VALUE IS	0.06385 AT (	430188.78,	5202903.50,	4.79,
	4.79, 0.00) DC				
	2ND HIGHEST VALUE IS	0.06378 AT (	430176.34,	5202916.00,	5.53,
	5.53, 0.00) DC				
	3RD HIGHEST VALUE IS	0.06369 AT (	430190.23,	5202903.93,	4.63,
	4.63, 0.00) DC				
	4TH HIGHEST VALUE IS	0.06364 AT (	430176.34,	5202903.50,	5.56,
	5.56, 0.00) DC				
	5TH HIGHEST VALUE IS	0.06363 AT (	430206.98,	5202890.68,	5.02,
	5.02, 0.00) DC				
	6TH HIGHEST VALUE IS	0.06331 AT (	430215.23,	5202890.93,	5.02,
	5.02, 0.00) DC				
	7TH HIGHEST VALUE IS	0.06320 AT (	430188.78,	5202916.00,	4.78,
	4.78, 0.00) DC				
	8TH HIGHEST VALUE IS	0.06315 AT (	430190.29,	5202916.15,	4.59,
	5.41, 0.00) DC				
	9TH HIGHEST VALUE IS	0.06301 AT (	430198.73,	5202890.43,	4.91,
	4.91, 0.00) DC				
	10TH HIGHEST VALUE IS	0.06249 AT (	430191.23,	5202892.43,	4.68,
	4.68, 0.00) DC				
EP01	1ST HIGHEST VALUE IS	1.00715 AT (	430114.19,	5203077.50,	4.76,
	92.43, 0.00) DC				
	2ND HIGHEST VALUE IS	1.00357 AT (	430126.63,	5203077.50,	4.69,
	92.43, 0.00) DC				
	3RD HIGHEST VALUE IS	1.00066 AT (	430101.75,	5203077.50,	4.76,
	92.43, 0.00) DC				
	4TH HIGHEST VALUE IS	0.99931 AT (	430139.06,	5203077.50,	4.62,
	92.43, 0.00) DC				
	5TH HIGHEST VALUE IS	0.99566 AT (	430176.34,	5203077.50,	5.06,
	92.43, 0.00) DC				
	6TH HIGHEST VALUE IS	0.99395 AT (	430151.50,	5203077.50,	4.67,
	92.43, 0.00) DC				
	7TH HIGHEST VALUE IS	0.99324 AT (	430089.31,	5203077.50,	4.89,
	92.43, 0.00) DC				
	8TH HIGHEST VALUE IS	0.98676 AT (	430089.31,	5203065.00,	4.94,
	92.43, 0.00) DC				
	9TH HIGHEST VALUE IS	0.98604 AT (	430076.91,	5203065.00,	5.05,
	92.43, 0.00) DC				
	10TH HIGHEST VALUE IS	0.98596 AT (	430114.19,	5203065.00,	4.73,
	92.43, 0.00) DC				
EP02	1ST HIGHEST VALUE IS	0.45669 AT (	430176.34,	5203040.50,	5.19,
	92.43, 0.00) DC				
	2ND HIGHEST VALUE IS	0.45628 AT (	430188.78,	5203040.50,	4.68,
	92.43, 0.00) DC				
	3RD HIGHEST VALUE IS	0.45047 AT (	430192.87,	5203041.83,	4.23,
	92.43, 0.00) DC				

92.43,	4TH HIGHEST VALUE IS	0.44095	AT (	430163.91,	5203040.50,	4.76,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	0.43225	AT (	430188.78,	5203028.00,	4.70,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	0.43123	AT (	430151.50,	5203040.50,	4.81,
	0.00) DC					
92.43,	7TH HIGHEST VALUE IS	0.42950	AT (	430176.34,	5203028.00,	5.19,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	0.42907	AT (	430188.78,	5203053.00,	4.70,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	0.42694	AT (	430192.23,	5203029.44,	4.28,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	0.42668	AT (	430176.34,	5203053.00,	5.12,
	0.00) DC					
EP03	1ST HIGHEST VALUE IS	0.46201	AT (	430188.78,	5203040.50,	4.68,
92.43,	0.00) DC					
92.43,	2ND HIGHEST VALUE IS	0.45908	AT (	430176.34,	5203040.50,	5.19,
	0.00) DC					
92.43,	3RD HIGHEST VALUE IS	0.45532	AT (	430192.87,	5203041.83,	4.23,
	0.00) DC					
92.43,	4TH HIGHEST VALUE IS	0.44102	AT (	430163.91,	5203040.50,	4.76,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	0.43746	AT (	430188.78,	5203028.00,	4.70,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	0.43332	AT (	430188.78,	5203053.00,	4.70,
	0.00) DC					
92.43,	7TH HIGHEST VALUE IS	0.43309	AT (	430192.23,	5203029.44,	4.28,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	0.43273	AT (	430176.34,	5203028.00,	5.19,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	0.42915	AT (	430176.34,	5203053.00,	5.12,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	0.42863	AT (430193.52,	5203054.23,	4.25,
	0.00) DC					

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 8TH-HIGHEST 24-HR RESULTS
 AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE	GRID-ID	
EP04	1ST HIGHEST VALUE IS	3.60596 AT (	430413.00, 5203787.50, 72.04,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	3.51651 AT (	430487.69, 5203812.50, 72.07,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	3.44995 AT (	430437.91, 5203787.50, 65.49,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	3.42927 AT (	430577.28, 5203912.50, 72.20,
91.58,	0.00) DC		
	5TH HIGHEST VALUE IS	3.42487 AT (	430528.06, 5203862.50, 71.41,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	3.39539 AT (	430388.09, 5203762.50, 64.80,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	3.30974 AT (	430478.81, 5203862.50, 68.62,
92.43,	0.00) DC		
	8TH HIGHEST VALUE IS	3.24354 AT (	430626.53, 5203862.50, 65.38,
92.43,	0.00) DC		
	9TH HIGHEST VALUE IS	3.20779 AT (	430429.59, 5203862.50, 66.08,
92.43,	0.00) DC		
	10TH HIGHEST VALUE IS	3.12562 AT (	430462.78, 5203812.50, 77.60,
92.43,	0.00) DC		
EP05	1ST HIGHEST VALUE IS	0.14928 AT (	430188.78, 5203003.00, 4.68,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	0.14866 AT (	430190.67, 5203001.72, 4.41,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	0.14795 AT (	430191.48, 5203021.69, 4.36,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	0.14606 AT (	430188.78, 5203015.50, 4.70,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	0.14563 AT (	430675.64, 5202899.18, 5.44,
5.44,	0.00) DC		
	6TH HIGHEST VALUE IS	0.14549 AT (	430192.23, 5203029.44, 4.28,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	0.14525 AT (	430188.78, 5203028.00, 4.70,
92.43,	0.00) DC		
	8TH HIGHEST VALUE IS	0.14428 AT (	430188.78, 5202990.50, 4.68,
92.43,	0.00) DC		
	9TH HIGHEST VALUE IS	0.14394 AT (	430190.73, 5203013.94, 4.44,
92.43,	0.00) DC		
	10TH HIGHEST VALUE IS	0.14391 AT (	430176.34, 5203003.00, 5.28,
92.43,	0.00) DC		

EP06 1ST HIGHEST VALUE IS 0.14783 AT (430188.78, 5203003.00, 4.68,
92.43, 0.00) DC
2ND HIGHEST VALUE IS 0.14763 AT (430190.67, 5203001.72, 4.41,
92.43, 0.00) DC
3RD HIGHEST VALUE IS 0.14602 AT (430191.48, 5203021.69, 4.36,
92.43, 0.00) DC
4TH HIGHEST VALUE IS 0.14452 AT (430188.78, 5203015.50, 4.70,
92.43, 0.00) DC
5TH HIGHEST VALUE IS 0.14365 AT (430192.23, 5203029.44, 4.28,
92.43, 0.00) DC
6TH HIGHEST VALUE IS 0.14351 AT (430188.78, 5202990.50, 4.68,
92.43, 0.00) DC
7TH HIGHEST VALUE IS 0.14316 AT (430188.78, 5203028.00, 4.70,
92.43, 0.00) DC
8TH HIGHEST VALUE IS 0.14300 AT (430190.73, 5203013.94, 4.44,
92.43, 0.00) DC
9TH HIGHEST VALUE IS 0.14278 AT (430190.62, 5202989.49, 4.43,
92.43, 0.00) DC
10TH HIGHEST VALUE IS 0.14275 AT (430176.34, 5203003.00, 5.28,
92.43, 0.00) DC

EP08 1ST HIGHEST VALUE IS 1.60925 AT (430194.16, 5203066.62, 4.29,
92.43, 0.00) DC
2ND HIGHEST VALUE IS 1.58956 AT (430188.78, 5203065.00, 4.67,
92.43, 0.00) DC
3RD HIGHEST VALUE IS 1.58718 AT (430192.87, 5203041.83, 4.23,
92.43, 0.00) DC
4TH HIGHEST VALUE IS 1.58701 AT (430188.78, 5203040.50, 4.68,
92.43, 0.00) DC
5TH HIGHEST VALUE IS 1.58283 AT (430194.80, 5203079.01, 4.42,
92.43, 0.00) DC
6TH HIGHEST VALUE IS 1.57950 AT (430188.78, 5203077.50, 4.73,
92.43, 0.00) DC
7TH HIGHEST VALUE IS 1.57592 AT (430193.52, 5203054.23, 4.25,
92.43, 0.00) DC
8TH HIGHEST VALUE IS 1.57034 AT (430188.78, 5203053.00, 4.70,
92.43, 0.00) DC
9TH HIGHEST VALUE IS 1.56755 AT (430176.34, 5203065.00, 5.11,
92.43, 0.00) DC
10TH HIGHEST VALUE IS 1.56368 AT (430176.34, 5203040.50, 5.19,
92.43, 0.00) DC

▲ *** AERMOD - VERSION 22112 *** **

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 8TH-HIGHEST 24-HR RESULTS
 AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE GRID-ID		
EP09	1ST HIGHEST VALUE IS	0.30051 AT (	430744.02, 5203016.94, 5.14,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	0.29091 AT (	430738.77, 5203027.94, 5.10,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	0.29006 AT (	430748.25, 5203015.50, 5.09,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	0.27881 AT (	430749.27, 5203005.94, 5.13,
5.13,	0.00) DC		
	5TH HIGHEST VALUE IS	0.27168 AT (	430731.77, 5203037.94, 5.11,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	0.26617 AT (	430724.77, 5203047.94, 5.10,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	0.26579 AT (	430748.25, 5203028.00, 5.07,
92.43,	0.00) DC		
	8TH HIGHEST VALUE IS	0.26252 AT (	430760.69, 5203015.50, 5.14,
92.43,	0.00) DC		
	9TH HIGHEST VALUE IS	0.26217 AT (	430717.77, 5203057.94, 5.11,
92.43,	0.00) DC		
	10TH HIGHEST VALUE IS	0.25704 AT (	430723.38, 5203053.00, 5.09,
92.43,	0.00) DC		
EP10	1ST HIGHEST VALUE IS	1.71868 AT (	430715.77, 5203067.94, 5.15,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	1.71557 AT (	430713.77, 5203077.94, 5.23,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	1.64478 AT (	430713.80, 5203090.14, 5.09,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	1.56359 AT (	430713.84, 5203102.34, 5.03,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	1.54992 AT (	430717.77, 5203057.94, 5.11,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	1.54827 AT (	430723.38, 5203077.50, 5.13,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	1.51863 AT (	430723.38, 5203090.00, 5.16,
92.43,	0.00) DC		
	8TH HIGHEST VALUE IS	1.48405 AT (	430723.38, 5203102.50, 5.18,

92.43,	0.00) DC				
	9TH HIGHEST VALUE IS	1.46610	AT (	430713.87,	5203114.54,
92.43,	0.00) DC				4.99,
	10TH HIGHEST VALUE IS	1.45963	AT (	430723.38,	5203065.00,
92.43,	0.00) DC				5.01,
EP11	1ST HIGHEST VALUE IS	1.51417	AT (	430713.77,	5203077.94,
92.43,	0.00) DC				5.23,
	2ND HIGHEST VALUE IS	1.50081	AT (	430715.77,	5203067.94,
92.43,	0.00) DC				5.15,
	3RD HIGHEST VALUE IS	1.49223	AT (	430713.80,	5203090.14,
92.43,	0.00) DC				5.09,
	4TH HIGHEST VALUE IS	1.44073	AT (	430713.84,	5203102.34,
92.43,	0.00) DC				5.03,
	5TH HIGHEST VALUE IS	1.43405	AT (	430723.38,	5203077.50,
92.43,	0.00) DC				5.13,
	6TH HIGHEST VALUE IS	1.41788	AT (	430723.38,	5203102.50,
92.43,	0.00) DC				5.18,
	7TH HIGHEST VALUE IS	1.41075	AT (	430713.87,	5203114.54,
92.43,	0.00) DC				4.99,
	8TH HIGHEST VALUE IS	1.40471	AT (	430723.38,	5203090.00,
92.43,	0.00) DC				5.16,
	9TH HIGHEST VALUE IS	1.34814	AT (	430717.77,	5203057.94,
92.43,	0.00) DC				5.11,
	10TH HIGHEST VALUE IS	1.31532	AT (	430723.38,	5203065.00,
92.43,	0.00) DC				5.01,
EP12	1ST HIGHEST VALUE IS	0.58831	AT (	430717.77,	5203057.94,
92.43,	0.00) DC				5.11,
	2ND HIGHEST VALUE IS	0.58132	AT (	430715.77,	5203067.94,
92.43,	0.00) DC				5.15,
	3RD HIGHEST VALUE IS	0.56482	AT (	430723.38,	5203053.00,
92.43,	0.00) DC				5.09,
	4TH HIGHEST VALUE IS	0.56128	AT (	430723.38,	5203065.00,
92.43,	0.00) DC				5.01,
	5TH HIGHEST VALUE IS	0.55395	AT (	430723.38,	5203077.50,
92.43,	0.00) DC				5.13,
	6TH HIGHEST VALUE IS	0.55004	AT (	430713.77,	5203077.94,
92.43,	0.00) DC				5.23,
	7TH HIGHEST VALUE IS	0.53451	AT (	430724.77,	5203047.94,
92.43,	0.00) DC				5.10,
	8TH HIGHEST VALUE IS	0.53304	AT (	430797.97,	5203053.00,
92.43,	0.00) DC				6.12,
	9TH HIGHEST VALUE IS	0.53059	AT (	430785.53,	5203053.00,
92.43,	0.00) DC				5.88,
	10TH HIGHEST VALUE IS	0.52897	AT (430785.53,	5203065.00,
92.43,	0.00) DC				5.88,

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 8TH-HIGHEST 24-HR RESULTS
 AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE	GRID-ID	
EP13	1ST HIGHEST VALUE IS	1.72239 AT (	430713.80, 5203090.14, 5.09,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	1.71009 AT (	430713.77, 5203077.94, 5.23,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	1.69055 AT (	430715.77, 5203067.94, 5.15,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	1.66777 AT (	430713.84, 5203102.34, 5.03,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	1.61029 AT (	430713.87, 5203114.54, 4.99,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	1.55793 AT (	430723.38, 5203090.00, 5.16,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	1.54975 AT (	430723.38, 5203077.50, 5.13,
92.43,	0.00) DC		
	8TH HIGHEST VALUE IS	1.54806 AT (	430723.38, 5203102.50, 5.18,
92.43,	0.00) DC		
	9TH HIGHEST VALUE IS	1.51129 AT (	430717.77, 5203057.94, 5.11,
92.43,	0.00) DC		
	10TH HIGHEST VALUE IS	1.50061 AT (	430713.90, 5203126.74, 4.97,
92.43,	0.00) DC		
EP14	1ST HIGHEST VALUE IS	1.48910 AT (	430713.80, 5203090.14, 5.09,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	1.48774 AT (	430713.84, 5203102.34, 5.03,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	1.44494 AT (	430713.77, 5203077.94, 5.23,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	1.42829 AT (	430713.87, 5203114.54, 4.99,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	1.41192 AT (	430723.38, 5203102.50, 5.18,

92.43,	0.00) DC				
	6TH HIGHEST VALUE IS	1.37980	AT (	430723.38,	5203090.00,
92.43,	0.00) DC				5.16,
	7TH HIGHEST VALUE IS	1.37804	AT (	430715.77,	5203067.94,
92.43,	0.00) DC				5.15,
	8TH HIGHEST VALUE IS	1.35201	AT (	430713.90,	5203126.74,
92.43,	0.00) DC				4.97,
	9TH HIGHEST VALUE IS	1.32779	AT (	430723.38,	5203077.50,
92.43,	0.00) DC				5.13,
	10TH HIGHEST VALUE IS	1.32078	AT (	430723.38,	5203115.00,
92.43,	0.00) DC				5.09,
FEL_P1	1ST HIGHEST VALUE IS	2.30339	AT (	430197.37,	5203128.59,
92.43,	0.00) DC				4.30,
	2ND HIGHEST VALUE IS	2.28460	AT (	430196.73,	5203116.20,
92.43,	0.00) DC				4.25,
	3RD HIGHEST VALUE IS	2.21973	AT (	430188.78,	5203127.50,
92.43,	0.00) DC				4.71,
	4TH HIGHEST VALUE IS	2.20864	AT (	430188.78,	5203115.00,
92.43,	0.00) DC				4.70,
	5TH HIGHEST VALUE IS	2.20714	AT (	430196.09,	5203103.80,
92.43,	0.00) DC				4.32,
	6TH HIGHEST VALUE IS	2.16934	AT (	430198.02,	5203140.98,
92.43,	0.00) DC				4.33,
	7TH HIGHEST VALUE IS	2.14117	AT (	430188.78,	5203102.50,
92.43,	0.00) DC				4.73,
	8TH HIGHEST VALUE IS	2.11679	AT (	430195.44,	5203091.41,
92.43,	0.00) DC				4.39,
	9TH HIGHEST VALUE IS	2.09564	AT (	430188.78,	5203140.00,
92.43,	0.00) DC				4.72,
	10TH HIGHEST VALUE IS	2.06887	AT (	430188.78,	5203090.00,
92.43,	0.00) DC				4.72,
FEL_P2	1ST HIGHEST VALUE IS	1.17965	AT (	430193.52,	5203054.23,
92.43,	0.00) DC				4.25,
	2ND HIGHEST VALUE IS	1.17095	AT (	430192.87,	5203041.83,
92.43,	0.00) DC				4.23,
	3RD HIGHEST VALUE IS	1.16439	AT (	430188.78,	5203053.00,
92.43,	0.00) DC				4.70,
	4TH HIGHEST VALUE IS	1.15240	AT (	430188.78,	5203040.50,
92.43,	0.00) DC				4.68,
	5TH HIGHEST VALUE IS	1.13244	AT (	430192.23,	5203029.44,
92.43,	0.00) DC				4.28,
	6TH HIGHEST VALUE IS	1.13096	AT (	430188.78,	5203028.00,
92.43,	0.00) DC				4.70,
	7TH HIGHEST VALUE IS	1.11313	AT (	430191.48,	5203021.69,
92.43,	0.00) DC				4.36,
	8TH HIGHEST VALUE IS	1.11145	AT (	430194.16,	5203066.62,
92.43,	0.00) DC				4.29,
	9TH HIGHEST VALUE IS	1.09887	AT (	430188.78,	5203015.50,
					4.70,

92.43, 0.00) DC
 10TH HIGHEST VALUE IS 1.09837 AT (430188.78, 5203065.00, 4.67,
 92.43, 0.00) DC

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 8TH-HIGHEST 24-HR RESULTS
 AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE GRID-ID		
FEL_P3	1ST HIGHEST VALUE IS	0.92351 AT (	430190.45, 5202952.82, 5.21,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	0.92230 AT (	430190.56, 5202977.27, 4.52,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	0.91903 AT (	430188.78, 5202978.00, 4.73,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	0.91609 AT (	430188.78, 5202953.50, 5.22,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	0.91121 AT (	430190.51, 5202965.05, 4.56,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	0.91028 AT (	430188.78, 5202965.50, 4.77,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	0.88502 AT (	430190.40, 5202940.60, 4.77,
5.44,	0.00) DC		
	8TH HIGHEST VALUE IS	0.88252 AT (	430188.78, 5202941.00, 4.95,
4.95,	0.00) DC		
	9TH HIGHEST VALUE IS	0.86753 AT (	430190.62, 5202989.49, 4.43,
92.43,	0.00) DC		
	10TH HIGHEST VALUE IS	0.85958 AT (	430188.78, 5202990.50, 4.68,
92.43,	0.00) DC		
LOAD_P	1ST HIGHEST VALUE IS	0.01785 AT (	430194.16, 5203066.62, 4.29,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	0.01770 AT (	430713.87, 5203114.54, 4.99,

92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	0.01766	AT (	430194.80,	5203079.01,	4.42,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	0.01763	AT (	430191.48,	5203021.69,	4.36,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	0.01759	AT (	430192.23,	5203029.44,	4.28,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	0.01756	AT (	430190.73,	5203013.94,	4.44,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	0.01755	AT (	430713.84,	5203102.34,	5.03,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	0.01746	AT (	430190.62,	5202989.49,	4.43,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	0.01743	AT (	430188.78,	5203065.00,	4.67,
92.43,	0.00) DC					
	10TH HIGHEST VALUE IS	0.01740	AT (	430195.44,	5203091.41,	4.39,
92.43,	0.00) DC					
PILE1	1ST HIGHEST VALUE IS	3.01610	AT (	430198.66,	5203153.38,	4.42,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	2.94220	AT (	430199.30,	5203165.77,	4.48,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	2.84990	AT (	430198.02,	5203140.98,	4.33,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	2.77988	AT (	430188.78,	5203152.00,	4.73,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	2.72652	AT (	430199.94,	5203178.16,	4.29,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	2.71787	AT (	430188.78,	5203140.00,	4.72,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	2.71455	AT (	430188.78,	5203164.50,	4.71,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	2.61844	AT (	430197.37,	5203128.59,	4.30,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	2.57490	AT (	430188.78,	5203177.00,	4.70,
92.43,	0.00) DC					
	10TH HIGHEST VALUE IS	2.51565	AT (	430188.78,	5203127.50,	4.71,
92.43,	0.00) DC					
PILE2	1ST HIGHEST VALUE IS	3.67291	AT (	430188.78,	5203028.00,	4.70,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	3.66359	AT (	430192.23,	5203029.44,	4.28,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	3.53450	AT (	430191.48,	5203021.69,	4.36,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	3.45087	AT (	430188.78,	5203015.50,	4.70,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	3.40786	AT (	430190.73,	5203013.94,	4.44,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	3.40130	AT (	430188.78,	5203040.50,	4.68,

92.43, 0.00) DC
 7TH HIGHEST VALUE IS 3.35828 AT (430192.87, 5203041.83, 4.23,
 92.43, 0.00) DC
 8TH HIGHEST VALUE IS 3.29274 AT (430176.34, 5203028.00, 5.19,
 92.43, 0.00) DC
 9TH HIGHEST VALUE IS 3.23393 AT (430176.34, 5203015.50, 5.23,
 92.43, 0.00) DC
 10TH HIGHEST VALUE IS 3.15753 AT (430188.78, 5203003.00, 4.68,
 92.43, 0.00) DC

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 8TH-HIGHEST 24-HR RESULTS
 AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE GRID-ID		
PILE3	1ST HIGHEST VALUE IS	3.45502 AT (	430190.40, 5202940.60, 4.77,
5.44,	0.00) DC		
	2ND HIGHEST VALUE IS	3.43192 AT (	430188.78, 5202941.00, 4.95,
4.95,	0.00) DC		
	3RD HIGHEST VALUE IS	3.41337 AT (	430190.45, 5202952.82, 5.21,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	3.32402 AT (	430188.78, 5202953.50, 5.22,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	3.28358 AT (	430188.78, 5202928.50, 4.81,
5.40,	0.00) DC		
	6TH HIGHEST VALUE IS	3.27687 AT (	430190.34, 5202928.38, 4.63,
5.40,	0.00) DC		
	7TH HIGHEST VALUE IS	3.11544 AT (	430176.34, 5202941.00, 5.52,
5.52,	0.00) DC		
	8TH HIGHEST VALUE IS	3.04531 AT (	430176.34, 5202928.50, 5.54,
5.54,	0.00) DC		
	9TH HIGHEST VALUE IS	2.98485 AT (	430188.78, 5202916.00, 4.78,
4.78,	0.00) DC		

	10TH HIGHEST VALUE IS 5.41, 0.00) DC	2.97654 AT (	430190.29, 5202916.15,	4.59,
T_P	1ST HIGHEST VALUE IS 5.67, 0.00) DC	0.16068 AT (	430401.24, 5202869.68,	5.67,
	2ND HIGHEST VALUE IS 5.93, 0.00) DC	0.15292 AT (	430400.13, 5202866.50,	5.93,
	3RD HIGHEST VALUE IS 5.49, 0.00) DC	0.13853 AT (	430389.49, 5202871.55,	5.49,
	4TH HIGHEST VALUE IS 5.92, 0.00) DC	0.13065 AT (	430387.69, 5202866.50,	5.92,
	5TH HIGHEST VALUE IS 5.40, 0.00) DC	0.12371 AT (	430377.74, 5202873.43,	5.40,
	6TH HIGHEST VALUE IS 6.02, 0.00) DC	0.12044 AT (	430424.74, 5202865.93,	6.02,
	7TH HIGHEST VALUE IS 5.23, 0.00) DC	0.11697 AT (	430371.74, 5202875.68,	5.23,
	8TH HIGHEST VALUE IS 5.16, 0.00) DC	0.11612 AT (	430365.74, 5202877.93,	5.16,
	9TH HIGHEST VALUE IS 5.91, 0.00) DC	0.11453 AT (	430375.28, 5202866.50,	5.91,
	10TH HIGHEST VALUE IS 5.95, 0.00) DC	0.10920 AT (	430412.99, 5202867.80,	5.95,
T_P1	1ST HIGHEST VALUE IS 92.43, 0.00) DC	0.97521 AT (	430196.73, 5203116.20,	4.25,
	2ND HIGHEST VALUE IS 92.43, 0.00) DC	0.88528 AT (	430188.78, 5203115.00,	4.70,
	3RD HIGHEST VALUE IS 92.43, 0.00) DC	0.86733 AT (	430196.09, 5203103.80,	4.32,
	4TH HIGHEST VALUE IS 92.43, 0.00) DC	0.82917 AT (	430188.78, 5203102.50,	4.73,
	5TH HIGHEST VALUE IS 92.43, 0.00) DC	0.77208 AT (	430195.44, 5203091.41,	4.39,
	6TH HIGHEST VALUE IS 92.43, 0.00) DC	0.75323 AT (	430188.78, 5203090.00,	4.72,
	7TH HIGHEST VALUE IS 92.43, 0.00) DC	0.73073 AT (	430176.34, 5203115.00,	4.96,
	8TH HIGHEST VALUE IS 92.43, 0.00) DC	0.72912 AT (	430176.34, 5203102.50,	5.00,
	9TH HIGHEST VALUE IS 5.41, 0.00) DC	0.72633 AT (	430190.29, 5202916.15,	4.59,
	10TH HIGHEST VALUE IS 4.78, 0.00) DC	0.72601 AT (	430188.78, 5202916.00,	4.78,
T_P1EX	1ST HIGHEST VALUE IS 92.43, 0.00) DC	0.67576 AT (	430210.43, 5203290.86,	4.37,
	2ND HIGHEST VALUE IS 92.43, 0.00) DC	0.63449 AT (	430201.22, 5203289.00,	3.87,
	3RD HIGHEST VALUE IS	0.62878 AT (	430204.93, 5203229.55,	4.37,

92.43, 0.00) DC
 4TH HIGHEST VALUE IS 0.62223 AT (430204.83, 5203219.25, 4.33,
 92.43, 0.00) DC
 5TH HIGHEST VALUE IS 0.59575 AT (430204.73, 5203208.95, 4.43,
 92.43, 0.00) DC
 6TH HIGHEST VALUE IS 0.59547 AT (430205.03, 5203239.85, 4.31,
 92.43, 0.00) DC
 7TH HIGHEST VALUE IS 0.59524 AT (430201.22, 5203227.00, 4.18,
 92.43, 0.00) DC
 8TH HIGHEST VALUE IS 0.58040 AT (430210.73, 5203279.46, 4.32,
 92.43, 0.00) DC
 9TH HIGHEST VALUE IS 0.57877 AT (430201.22, 5203214.50, 4.09,
 92.43, 0.00) DC
 10TH HIGHEST VALUE IS 0.56342 AT (430201.22, 5203239.50, 4.05,
 92.43, 0.00) DC

▲ *** AERMOD - VERSION 22112 *** **

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 8TH-HIGHEST 24-HR RESULTS
 AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

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

T_P2	1ST HIGHEST VALUE IS	0.53300 AT (430194.80, 5203079.01,	4.42,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	0.49363 AT (430188.78, 5203077.50,	4.73,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	0.47175 AT (430194.16, 5203066.62,	4.29,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	0.45895 AT (430188.78, 5203065.00,	4.67,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	0.42307 AT (430193.52, 5203054.23,	4.25,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	0.41925 AT (430188.78, 5203053.00,	4.70,
92.43,	0.00) DC		

	7TH HIGHEST VALUE IS	0.40773	AT (	430176.34,	5203077.50,	5.06,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	0.40762	AT (	430176.34,	5203065.00,	5.11,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	0.40142	AT (	430190.29,	5202916.15,	4.59,
5.41,	0.00) DC					
	10TH HIGHEST VALUE IS	0.40050	AT (	430188.78,	5202916.00,	4.78,
4.78,	0.00) DC					
T_P2EX	1ST HIGHEST VALUE IS	0.37290	AT (	430201.22,	5203289.00,	3.87,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	0.34898	AT (	430210.43,	5203290.86,	4.37,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	0.34722	AT (	430204.93,	5203229.55,	4.37,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	0.34205	AT (	430204.83,	5203219.25,	4.33,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	0.33003	AT (	430201.22,	5203227.00,	4.18,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	0.32926	AT (	430204.73,	5203208.95,	4.43,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	0.32905	AT (	430205.03,	5203239.85,	4.31,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	0.32502	AT (	430210.73,	5203279.46,	4.32,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	0.32078	AT (	430201.22,	5203214.50,	4.09,
92.43,	0.00) DC					
	10TH HIGHEST VALUE IS	0.31387	AT (	430188.78,	5203289.00,	5.02,
92.43,	0.00) DC					
T_P3	1ST HIGHEST VALUE IS	0.46361	AT (	430188.78,	5202990.50,	4.68,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	0.45580	AT (	430190.62,	5202989.49,	4.43,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	0.43497	AT (	430190.67,	5203001.72,	4.41,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	0.41352	AT (	430176.34,	5202990.50,	5.33,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	0.41294	AT (	430188.78,	5203003.00,	4.68,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	0.39732	AT (	430188.78,	5202978.00,	4.73,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	0.39113	AT (	430190.56,	5202977.27,	4.52,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	0.37948	AT (	430176.34,	5202978.00,	5.39,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	0.35982	AT (	430176.34,	5203003.00,	5.28,
92.43,	0.00) DC					
	10TH HIGHEST VALUE IS	0.34952	AT (	430188.78,	5202965.50,	4.77,
92.43,	0.00) DC					

T_P3EX 1ST HIGHEST VALUE IS 0.27880 AT (430204.93, 5203229.55, 4.37,
92.43, 0.00) DC
2ND HIGHEST VALUE IS 0.27443 AT (430210.43, 5203290.86, 4.37,
92.43, 0.00) DC
3RD HIGHEST VALUE IS 0.27091 AT (430204.83, 5203219.25, 4.33,
92.43, 0.00) DC
4TH HIGHEST VALUE IS 0.26528 AT (430201.22, 5203289.00, 3.87,
92.43, 0.00) DC
5TH HIGHEST VALUE IS 0.26407 AT (430201.22, 5203227.00, 4.18,
92.43, 0.00) DC
6TH HIGHEST VALUE IS 0.26396 AT (430205.03, 5203239.85, 4.31,
92.43, 0.00) DC
7TH HIGHEST VALUE IS 0.26231 AT (430204.73, 5203208.95, 4.43,
92.43, 0.00) DC
8TH HIGHEST VALUE IS 0.25383 AT (430210.73, 5203279.46, 4.32,
92.43, 0.00) DC
9TH HIGHEST VALUE IS 0.25371 AT (430201.22, 5203214.50, 4.09,
92.43, 0.00) DC
10TH HIGHEST VALUE IS 0.24931 AT (430201.22, 5203239.50, 4.05,
92.43, 0.00) DC

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM 8TH-HIGHEST 24-HR RESULTS
AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

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

T_PEX	1ST HIGHEST VALUE IS	0.45123 AT (430210.43, 5203290.86,	4.37,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	0.43622 AT (430201.22, 5203289.00,	3.87,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	0.37705 AT (430210.73, 5203279.46,	4.32,
92.43,	0.00) DC		

92.43,	4TH HIGHEST VALUE IS	0.35457	AT (	430188.78,	5203289.00,	5.02,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	0.32510	AT (	430201.22,	5203276.50,	3.94,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	0.30917	AT (	430201.22,	5203301.50,	3.49,
	0.00) DC					
92.43,	7TH HIGHEST VALUE IS	0.30380	AT (	430210.13,	5203302.26,	3.15,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	0.30081	AT (	430188.78,	5203276.50,	4.92,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	0.29621	AT (	430176.34,	5203289.00,	4.43,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	0.29520	AT (	430188.78,	5203301.50,	5.13,
	0.00) DC					
ALL	1ST HIGHEST VALUE IS	11.58601	AT (	430188.78,	5203028.00,	4.70,
92.43,	0.00) DC					
92.43,	2ND HIGHEST VALUE IS	11.53046	AT (	430192.23,	5203029.44,	4.28,
	0.00) DC					
92.43,	3RD HIGHEST VALUE IS	11.45455	AT (	430188.78,	5203040.50,	4.68,
	0.00) DC					
92.43,	4TH HIGHEST VALUE IS	11.35663	AT (	430192.87,	5203041.83,	4.23,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	11.35518	AT (	430191.48,	5203021.69,	4.36,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	11.25114	AT (	430188.78,	5203053.00,	4.70,
	0.00) DC					
92.43,	7TH HIGHEST VALUE IS	11.22254	AT (	430176.34,	5203028.00,	5.19,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	11.19461	AT (	430188.78,	5203015.50,	4.70,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	11.14072	AT (	430176.34,	5203040.50,	5.19,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	11.12400	AT (430193.52,	5203054.23,	4.25,
	0.00) DC					

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

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 22 Warning Message(s)
A Total of 758 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 398 Calm Hours Identified

A Total of 360 Missing Hours Identified (0.82 Percent)

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

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

SO W320	1503	PPARM: Input Parameter May Be Out-of-Range for Parameter VS
ME W187	13687	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
OU W565	13768	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565	13769	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565	13770	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565	13771	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565	13772	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565	13773	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565	13774	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565	13775	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565	13776	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565	13777	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565	13778	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565	13779	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565	13780	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT PLOTFILE

OU W565	13781	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE		
OU W565	13782	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE		
OU W565	13783	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE		
OU W565	13784	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE		
OU W565	13785	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE		
OU W565	13786	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE		
OU W565	13787	OU PLOT: Possible Conflict With Dynamically Allocated FUNIT
PLOTFILE		

▲ *** AERMOD - VERSION 22112 *** ***
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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

** Model Options Selected:

- * Model Allows User-Specified Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses RURAL Dispersion Only.
- * Option for Capped & Horiz Stacks Selected With:
 - 0 Capped Stack(s); and 3 Horizontal Stack(s)
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: PM-2.5

**Note that special processing requirements apply for the 24-hour PM2.5 NAAQS - check available guidance.

Model will process user-specified ranks of high 24-hour values averaged across the number of years modeled, and the multi-year average of individual ANNUAL values, averaged across the number of years modeled.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 652 Source(s); 30 Source Group(s); and 11358 Receptor(s)

with: 14 POINT(s), including
0 POINTCAP(s) and 3 POINTHOR(s)
and: 635 VOLUME source(s)

and: 3 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

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

**The AERMET Input Meteorological Data Version Date: 22112

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs External File(s) of High Values for Plotting (PLOTFILE

Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE

Keyword)

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

Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 5.50 ; Decay
Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;
Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 20.1 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: HOQUIAMPROJECT_PM2P5_ANNUAL.ERR

**File for Summary of Results: HOQUIAMPROJECT_PM2P5_ANNUAL.SUM

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

Surface station no.: 94225
Name: BOWERMAN_AIRPORT

Upper air station no.: 72797
Name: QUILLAYUTE

Year: 2018

Year: 2018

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							
18	01	01	1	01	-33.0	0.317	-9.000	-9.000	-999.	429.	110.6	0.01	0.28	
1.00	5.51	67.	10.0	275.9	2.0									
18	01	01	1	02	-42.0	0.403	-9.000	-9.000	-999.	614.	178.7	0.07	0.28	
1.00	5.10	51.	10.0	275.3	2.0									
18	01	01	1	03	-42.5	0.408	-9.000	-9.000	-999.	625.	183.1	0.07	0.28	
1.00	5.16	54.	10.0	275.3	2.0									
18	01	01	1	04	-35.4	0.339	-9.000	-9.000	-999.	477.	126.4	0.07	0.28	
1.00	4.32	50.	10.0	275.3	2.0									
18	01	01	1	05	-35.2	0.337	-9.000	-9.000	-999.	469.	124.6	0.07	0.28	
1.00	4.29	58.	10.0	274.8	2.0									
18	01	01	1	06	-36.6	0.350	-9.000	-9.000	-999.	498.	135.1	0.07	0.28	
1.00	4.46	50.	10.0	274.8	2.0									
18	01	01	1	07	-32.7	0.340	-9.000	-9.000	-999.	475.	126.8	0.07	0.28	
0.58	4.32	51.	10.0	274.8	2.0									
18	01	01	1	08	-0.5	0.283	-9.000	-9.000	-999.	363.	4158.0	0.01	0.28	
0.35	4.71	62.	10.0	276.4	2.0									
18	01	01	1	09	14.1	0.378	0.287	0.007	61.	558.	-351.0	0.01	0.28	
0.26	6.19	68.	10.0	277.5	2.0									
18	01	01	1	10	23.1	0.354	0.427	0.008	123.	506.	-175.6	0.01	0.28	
0.22	5.72	63.	10.0	278.8	2.0									
18	01	01	1	11	25.3	0.448	0.480	0.010	160.	720.	-325.6	0.01	0.28	
0.21	7.33	72.	10.0	279.2	2.0									
18	01	01	1	12	20.7	0.394	0.464	0.008	176.	597.	-270.7	0.01	0.28	
0.23	6.43	65.	10.0	280.3	2.0									
18	01	01	1	13	9.6	0.397	0.365	0.008	184.	599.	-591.9	0.01	0.28	
0.28	6.53	73.	10.0	280.3	2.0									
18	01	01	1	14	-19.9	0.452	-9.000	-9.000	-999.	729.	426.1	0.07	0.28	
0.41	5.60	59.	10.0	278.8	2.0									
18	01	01	1	15	-33.5	0.324	-9.000	-9.000	-999.	454.	115.3	0.01	0.28	
1.00	5.62	72.	10.0	278.1	2.0									
18	01	01	1	16	-32.9	0.317	-9.000	-9.000	-999.	429.	110.7	0.01	0.28	
1.00	5.51	71.	10.0	277.5	2.0									
18	01	01	1	17	-25.5	0.246	-9.000	-9.000	-999.	295.	66.7	0.01	0.28	
1.00	4.32	62.	10.0	277.0	2.0									
18	01	01	1	18	-30.6	0.295	-9.000	-9.000	-999.	385.	95.7	0.01	0.28	
1.00	5.14	62.	10.0	277.5	2.0									
18	01	01	1	19	-35.3	0.340	-9.000	-9.000	-999.	476.	127.2	0.01	0.28	
1.00	5.89	66.	10.0	276.4	2.0									
18	01	01	1	20	-39.1	0.376	-9.000	-9.000	-999.	552.	155.2	0.01	0.28	

```

1.00    6.48   67.   10.0  276.4   2.0
  18 01 01   1 21  -31.0  0.298 -9.000 -9.000 -999.  394.    97.7  0.01  0.28
1.00    5.19   65.   10.0  276.4   2.0
  18 01 01   1 22  -29.6  0.285 -9.000 -9.000 -999.  365.    89.2  0.01  0.28
1.00    4.97   62.   10.0  276.4   2.0
  18 01 01   1 23  -31.5  0.303 -9.000 -9.000 -999.  400.   100.8  0.01  0.28
1.00    5.27   61.   10.0  276.4   2.0
  18 01 01   1 24  -31.5  0.304 -9.000 -9.000 -999.  402.   101.6  0.01  0.28
1.00    5.29   63.   10.0  277.0   2.0

```

First hour of profile data

```

YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
18 01 01 01   10.0 1   67.    5.51  276.0  99.0  -99.00 -99.00

```

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

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS

AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE GRID-ID		
EG	1ST HIGHEST VALUE IS	0.00363 AT (	430188.78, 5202928.50, 4.81,
5.40,	0.00) DC		
	2ND HIGHEST VALUE IS	0.00363 AT (	430190.34, 5202928.38, 4.63,
5.40,	0.00) DC		
	3RD HIGHEST VALUE IS	0.00361 AT (	430188.78, 5202916.00, 4.78,
4.78,	0.00) DC		
	4TH HIGHEST VALUE IS	0.00360 AT (	430190.29, 5202916.15, 4.59,
5.41,	0.00) DC		
	5TH HIGHEST VALUE IS	0.00359 AT (	430176.34, 5202916.00, 5.53,
5.53,	0.00) DC		
	6TH HIGHEST VALUE IS	0.00358 AT (	430190.40, 5202940.60, 4.77,

5.44,	0.00) DC				
7TH HIGHEST VALUE IS		0.00358	AT (	430188.78,	5202941.00,
4.95,	0.00) DC				4.95,
8TH HIGHEST VALUE IS		0.00358	AT (	430176.34,	5202928.50,
5.54,	0.00) DC				5.54,
9TH HIGHEST VALUE IS		0.00354	AT (	430176.34,	5202903.50,
5.56,	0.00) DC				5.56,
10TH HIGHEST VALUE IS		0.00353	AT (	430188.78,	5202903.50,
4.79,	0.00) DC				4.79,
EP01	1ST HIGHEST VALUE IS	0.21642	AT (	430151.50,	5203065.00,
92.43,	0.00) DC				4.78,
2ND HIGHEST VALUE IS		0.21586	AT (	430176.34,	5203065.00,
92.43,	0.00) DC				5.11,
3RD HIGHEST VALUE IS		0.21558	AT (	430139.06,	5203065.00,
92.43,	0.00) DC				4.66,
4TH HIGHEST VALUE IS		0.21535	AT (	430126.63,	5203065.00,
92.43,	0.00) DC				4.72,
5TH HIGHEST VALUE IS		0.21491	AT (	430139.06,	5203053.00,
92.43,	0.00) DC				4.68,
6TH HIGHEST VALUE IS		0.21488	AT (	430151.50,	5203053.00,
92.43,	0.00) DC				4.76,
7TH HIGHEST VALUE IS		0.21487	AT (	430126.63,	5203053.00,
92.43,	0.00) DC				4.71,
8TH HIGHEST VALUE IS		0.21424	AT (	430114.19,	5203053.00,
92.43,	0.00) DC				4.77,
9TH HIGHEST VALUE IS		0.21417	AT (	430163.91,	5203065.00,
92.43,	0.00) DC				4.66,
10TH HIGHEST VALUE IS		0.21400	AT (	430114.19,	5203065.00,
92.43,	0.00) DC				4.73,
EP02	1ST HIGHEST VALUE IS	0.10180	AT (	430188.78,	5203028.00,
92.43,	0.00) DC				4.70,
2ND HIGHEST VALUE IS		0.10158	AT (	430188.78,	5203015.50,
92.43,	0.00) DC				4.70,
3RD HIGHEST VALUE IS		0.10135	AT (	430191.48,	5203021.69,
92.43,	0.00) DC				4.36,
4TH HIGHEST VALUE IS		0.10107	AT (	430192.23,	5203029.44,
92.43,	0.00) DC				4.28,
5TH HIGHEST VALUE IS		0.10098	AT (	430190.73,	5203013.94,
92.43,	0.00) DC				4.44,
6TH HIGHEST VALUE IS		0.10067	AT (	430176.34,	5203015.50,
92.43,	0.00) DC				5.23,
7TH HIGHEST VALUE IS		0.10057	AT (	430176.34,	5203028.00,
92.43,	0.00) DC				5.19,
8TH HIGHEST VALUE IS		0.09974	AT (	430188.78,	5203040.50,
92.43,	0.00) DC				4.68,
9TH HIGHEST VALUE IS		0.09968	AT (	430188.78,	5203003.00,
92.43,	0.00) DC				4.68,
10TH HIGHEST VALUE IS		0.09936	AT (	430176.34,	5203003.00,
					5.28,

92.43, 0.00) DC

EP03 1ST HIGHEST VALUE IS 0.10258 AT (430188.78, 5203028.00, 4.70,
 92.43, 0.00) DC
 2ND HIGHEST VALUE IS 0.10252 AT (430188.78, 5203015.50, 4.70,
 92.43, 0.00) DC
 3RD HIGHEST VALUE IS 0.10233 AT (430191.48, 5203021.69, 4.36,
 92.43, 0.00) DC
 4TH HIGHEST VALUE IS 0.10203 AT (430190.73, 5203013.94, 4.44,
 92.43, 0.00) DC
 5TH HIGHEST VALUE IS 0.10199 AT (430192.23, 5203029.44, 4.28,
 92.43, 0.00) DC
 6TH HIGHEST VALUE IS 0.10122 AT (430176.34, 5203015.50, 5.23,
 92.43, 0.00) DC
 7TH HIGHEST VALUE IS 0.10099 AT (430176.34, 5203028.00, 5.19,
 92.43, 0.00) DC
 8TH HIGHEST VALUE IS 0.10081 AT (430188.78, 5203003.00, 4.68,
 92.43, 0.00) DC
 9TH HIGHEST VALUE IS 0.10041 AT (430188.78, 5203040.50, 4.68,
 92.43, 0.00) DC
 10TH HIGHEST VALUE IS 0.10009 AT (430190.67, 5203001.72, 4.41,
 92.43, 0.00) DC

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS

AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

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

EP04	1ST HIGHEST VALUE IS	0.42774 AT (	430797.97, 5203015.50, 6.01,
6.01,	0.00) DC		
	2ND HIGHEST VALUE IS	0.42577 AT (	430847.69, 5203003.00, 5.45,
5.45,	0.00) DC		
	3RD HIGHEST VALUE IS	0.42577 AT (	430822.84, 5203040.50, 5.93,

7.90,	0.00) DC				
4TH HIGHEST VALUE IS		0.42557	AT (	430835.28,	5202990.50,
6.29,	0.00) DC				5.59,
5TH HIGHEST VALUE IS		0.42503	AT (	430810.41,	5203040.50,
7.15,	0.00) DC				6.01,
6TH HIGHEST VALUE IS		0.42501	AT (	430835.28,	5203003.00,
6.29,	0.00) DC				5.28,
7TH HIGHEST VALUE IS		0.42433	AT (	430810.41,	5203028.00,
5.56,	0.00) DC				5.56,
8TH HIGHEST VALUE IS		0.42420	AT (	430822.84,	5203003.00,
5.23,	0.00) DC				5.23,
9TH HIGHEST VALUE IS		0.42401	AT (	430847.69,	5202990.50,
5.48,	0.00) DC				5.48,
10TH HIGHEST VALUE IS		0.42274	AT (	430835.28,	5203015.50,
4.98,	0.00) DC				4.98,
EP05	1ST HIGHEST VALUE IS	0.03179	AT (	430190.45,	5202952.82,
92.43,	0.00) DC				5.21,
2ND HIGHEST VALUE IS		0.03177	AT (	430190.51,	5202965.05,
92.43,	0.00) DC				4.56,
3RD HIGHEST VALUE IS		0.03172	AT (	430188.78,	5202965.50,
92.43,	0.00) DC				4.77,
4TH HIGHEST VALUE IS		0.03166	AT (	430188.78,	5202953.50,
92.43,	0.00) DC				5.22,
5TH HIGHEST VALUE IS		0.03116	AT (	430190.56,	5202977.27,
92.43,	0.00) DC				4.52,
6TH HIGHEST VALUE IS		0.03107	AT (	430188.78,	5202978.00,
92.43,	0.00) DC				4.73,
7TH HIGHEST VALUE IS		0.03045	AT (	430190.62,	5202989.49,
92.43,	0.00) DC				4.43,
8TH HIGHEST VALUE IS		0.03045	AT (	430744.02,	5203016.94,
92.43,	0.00) DC				5.14,
9TH HIGHEST VALUE IS		0.03040	AT (	430188.78,	5202990.50,
92.43,	0.00) DC				4.68,
10TH HIGHEST VALUE IS		0.03029	AT (	430176.34,	5202965.50,
92.43,	0.00) DC				5.47,
EP06	1ST HIGHEST VALUE IS	0.03175	AT (	430744.02,	5203016.94,
92.43,	0.00) DC				5.14,
2ND HIGHEST VALUE IS		0.03151	AT (	430190.45,	5202952.82,
92.43,	0.00) DC				5.21,
3RD HIGHEST VALUE IS		0.03149	AT (	430190.51,	5202965.05,
92.43,	0.00) DC				4.56,
4TH HIGHEST VALUE IS		0.03145	AT (	430738.77,	5203027.94,
92.43,	0.00) DC				5.10,
5TH HIGHEST VALUE IS		0.03142	AT (	430188.78,	5202965.50,
92.43,	0.00) DC				4.77,
6TH HIGHEST VALUE IS		0.03139	AT (	430188.78,	5202953.50,
92.43,	0.00) DC				5.22,
7TH HIGHEST VALUE IS		0.03089	AT (	430190.56,	5202977.27,
					4.52,

92.43,	0.00)	DC				
	8TH HIGHEST VALUE IS		0.03077	AT (	430188.78,	5202978.00,
92.43,	0.00)	DC				4.73,
	9TH HIGHEST VALUE IS		0.03067	AT (	430731.77,	5203037.94,
92.43,	0.00)	DC				5.11,
	10TH HIGHEST VALUE IS		0.03064	AT (	430748.25,	5203015.50,
92.43,	0.00)	DC				5.09,
EP08	1ST HIGHEST VALUE IS		0.36335	AT (	430192.23,	5203029.44,
92.43,	0.00)	DC				4.28,
	2ND HIGHEST VALUE IS		0.36265	AT (	430191.48,	5203021.69,
92.43,	0.00)	DC				4.36,
	3RD HIGHEST VALUE IS		0.36102	AT (	430190.73,	5203013.94,
92.43,	0.00)	DC				4.44,
	4TH HIGHEST VALUE IS		0.36005	AT (	430188.78,	5203028.00,
92.43,	0.00)	DC				4.70,
	5TH HIGHEST VALUE IS		0.35982	AT (	430188.78,	5203015.50,
92.43,	0.00)	DC				4.70,
	6TH HIGHEST VALUE IS		0.35935	AT (	430192.87,	5203041.83,
92.43,	0.00)	DC				4.23,
	7TH HIGHEST VALUE IS		0.35894	AT (	430188.78,	5203040.50,
92.43,	0.00)	DC				4.68,
	8TH HIGHEST VALUE IS		0.35539	AT (	430193.52,	5203054.23,
92.43,	0.00)	DC				4.25,
	9TH HIGHEST VALUE IS		0.35520	AT (	430188.78,	5203003.00,
92.43,	0.00)	DC				4.68,
	10TH HIGHEST VALUE IS		0.35509	AT (430190.67,	5203001.72,
92.43,	0.00)	DC				4.41,

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS

AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

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

EP09	1ST HIGHEST VALUE IS	0.08146	AT (	430738.77,	5203027.94,	5.10,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	0.08014	AT (	430744.02,	5203016.94,	5.14,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	0.07781	AT (	430717.77,	5203057.94,	5.11,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	0.07719	AT (	430724.77,	5203047.94,	5.10,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	0.07687	AT (	430731.77,	5203037.94,	5.11,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	0.07653	AT (	430748.25,	5203015.50,	5.09,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	0.07423	AT (	430723.38,	5203053.00,	5.09,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	0.07328	AT (	430748.25,	5203028.00,	5.07,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	0.07323	AT (	430749.27,	5203005.94,	5.13,
5.13,	0.00) DC					
	10TH HIGHEST VALUE IS	0.07036	AT (	430715.77,	5203067.94,	5.15,
92.43,	0.00) DC					
EP10	1ST HIGHEST VALUE IS	0.54223	AT (	430713.80,	5203090.14,	5.09,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	0.53957	AT (	430713.77,	5203077.94,	5.23,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	0.52506	AT (	430713.84,	5203102.34,	5.03,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	0.51808	AT (	430715.77,	5203067.94,	5.15,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	0.49273	AT (	430723.38,	5203090.00,	5.16,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	0.48830	AT (	430713.87,	5203114.54,	4.99,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	0.48392	AT (	430723.38,	5203102.50,	5.18,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	0.47910	AT (	430723.38,	5203077.50,	5.13,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	0.44749	AT (	430717.77,	5203057.94,	5.11,
92.43,	0.00) DC					
	10TH HIGHEST VALUE IS	0.43743	AT (	430723.38,	5203115.00,	5.09,
92.43,	0.00) DC					
EP11	1ST HIGHEST VALUE IS	0.50769	AT (	430713.80,	5203090.14,	5.09,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	0.49401	AT (	430713.77,	5203077.94,	5.23,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	0.49028	AT (	430713.84,	5203102.34,	5.03,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	0.47019	AT (	430715.77,	5203067.94,	5.15,

92.43,	0.00) DC				
	5TH HIGHEST VALUE IS	0.46451	AT (	430723.38,	5203102.50,
92.43,	0.00) DC				5.18,
	6TH HIGHEST VALUE IS	0.46400	AT (	430723.38,	5203090.00,
92.43,	0.00) DC				5.16,
	7TH HIGHEST VALUE IS	0.46154	AT (	430713.87,	5203114.54,
92.43,	0.00) DC				4.99,
	8TH HIGHEST VALUE IS	0.45195	AT (	430723.38,	5203077.50,
92.43,	0.00) DC				5.13,
	9TH HIGHEST VALUE IS	0.42104	AT (	430723.38,	5203115.00,
92.43,	0.00) DC				5.09,
	10TH HIGHEST VALUE IS	0.40409	AT (	430717.77,	5203057.94,
92.43,	0.00) DC				5.11,
EP12	1ST HIGHEST VALUE IS	0.18203	AT (	430713.77,	5203077.94,
92.43,	0.00) DC				5.23,
	2ND HIGHEST VALUE IS	0.18060	AT (	430715.77,	5203067.94,
92.43,	0.00) DC				5.15,
	3RD HIGHEST VALUE IS	0.18006	AT (	430713.80,	5203090.14,
92.43,	0.00) DC				5.09,
	4TH HIGHEST VALUE IS	0.17437	AT (	430723.38,	5203077.50,
92.43,	0.00) DC				5.13,
	5TH HIGHEST VALUE IS	0.17122	AT (	430723.38,	5203090.00,
92.43,	0.00) DC				5.16,
	6TH HIGHEST VALUE IS	0.16673	AT (	430713.84,	5203102.34,
92.43,	0.00) DC				5.03,
	7TH HIGHEST VALUE IS	0.16607	AT (	430717.77,	5203057.94,
92.43,	0.00) DC				5.11,
	8TH HIGHEST VALUE IS	0.16435	AT (	430723.38,	5203065.00,
92.43,	0.00) DC				5.01,
	9TH HIGHEST VALUE IS	0.16369	AT (	430723.38,	5203102.50,
92.43,	0.00) DC				5.18,
	10TH HIGHEST VALUE IS	0.15135	AT (430723.38,	5203053.00,
92.43,	0.00) DC				5.09,

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS

AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE	GRID-ID	
EP13	1ST HIGHEST VALUE IS	0.56661 AT (	430713.80, 5203090.14, 5.09,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	0.55695 AT (	430713.77, 5203077.94, 5.23,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	0.55256 AT (	430713.84, 5203102.34, 5.03,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	0.52981 AT (	430715.77, 5203067.94, 5.15,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	0.50964 AT (	430713.87, 5203114.54, 4.99,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	0.50799 AT (	430723.38, 5203090.00, 5.16,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	0.50359 AT (	430723.38, 5203102.50, 5.18,
92.43,	0.00) DC		
	8TH HIGHEST VALUE IS	0.49669 AT (	430723.38, 5203077.50, 5.13,
92.43,	0.00) DC		
	9TH HIGHEST VALUE IS	0.46110 AT (	430717.77, 5203057.94, 5.11,
92.43,	0.00) DC		
	10TH HIGHEST VALUE IS	0.45635 AT (	430723.38, 5203115.00, 5.09,
92.43,	0.00) DC		
EP14	1ST HIGHEST VALUE IS	0.49076 AT (	430713.80, 5203090.14, 5.09,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	0.48878 AT (	430713.84, 5203102.34, 5.03,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	0.46626 AT (	430713.77, 5203077.94, 5.23,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	0.46235 AT (	430713.87, 5203114.54, 4.99,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	0.45208 AT (	430723.38, 5203102.50, 5.18,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	0.44579 AT (	430723.38, 5203090.00, 5.16,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	0.43549 AT (	430715.77, 5203067.94, 5.15,
92.43,	0.00) DC		
	8TH HIGHEST VALUE IS	0.42627 AT (	430723.38, 5203077.50, 5.13,
92.43,	0.00) DC		
	9TH HIGHEST VALUE IS	0.42072 AT (	430723.38, 5203115.00, 5.09,
92.43,	0.00) DC		
	10TH HIGHEST VALUE IS	0.41284 AT (	430713.90, 5203126.74, 4.97,
92.43,	0.00) DC		
FEL_P1	1ST HIGHEST VALUE IS	0.66441 AT (	430196.73, 5203116.20, 4.25,

92.43,	0.00) DC				
	2ND HIGHEST VALUE IS	0.65364	AT (	430197.37,	5203128.59,
92.43,	0.00) DC				4.30,
	3RD HIGHEST VALUE IS	0.64480	AT (	430196.09,	5203103.80,
92.43,	0.00) DC				4.32,
	4TH HIGHEST VALUE IS	0.63595	AT (	430188.78,	5203115.00,
92.43,	0.00) DC				4.70,
	5TH HIGHEST VALUE IS	0.62202	AT (	430188.78,	5203127.50,
92.43,	0.00) DC				4.71,
	6TH HIGHEST VALUE IS	0.62043	AT (	430188.78,	5203102.50,
92.43,	0.00) DC				4.73,
	7TH HIGHEST VALUE IS	0.60304	AT (	430195.44,	5203091.41,
92.43,	0.00) DC				4.39,
	8TH HIGHEST VALUE IS	0.60038	AT (	430198.02,	5203140.98,
92.43,	0.00) DC				4.33,
	9TH HIGHEST VALUE IS	0.58306	AT (	430176.34,	5203115.00,
92.43,	0.00) DC				4.96,
	10TH HIGHEST VALUE IS	0.58266	AT (	430188.78,	5203090.00,
92.43,	0.00) DC				4.72,
FEL_P2	1ST HIGHEST VALUE IS	0.33244	AT (	430192.87,	5203041.83,
92.43,	0.00) DC				4.23,
	2ND HIGHEST VALUE IS	0.32808	AT (	430188.78,	5203040.50,
92.43,	0.00) DC				4.68,
	3RD HIGHEST VALUE IS	0.32712	AT (	430192.23,	5203029.44,
92.43,	0.00) DC				4.28,
	4TH HIGHEST VALUE IS	0.32334	AT (	430188.78,	5203028.00,
92.43,	0.00) DC				4.70,
	5TH HIGHEST VALUE IS	0.32038	AT (	430193.52,	5203054.23,
92.43,	0.00) DC				4.25,
	6TH HIGHEST VALUE IS	0.31647	AT (	430191.48,	5203021.69,
92.43,	0.00) DC				4.36,
	7TH HIGHEST VALUE IS	0.31597	AT (	430188.78,	5203053.00,
92.43,	0.00) DC				4.70,
	8TH HIGHEST VALUE IS	0.30454	AT (	430188.78,	5203015.50,
92.43,	0.00) DC				4.70,
	9TH HIGHEST VALUE IS	0.30163	AT (	430176.34,	5203040.50,
92.43,	0.00) DC				5.19,
	10TH HIGHEST VALUE IS	0.30146	AT (430190.73,	5203013.94,
92.43,	0.00) DC				4.44,

▲ *** AERMOD - VERSION 22112 *** **

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS

AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE GRID-ID		
FEL_P3	1ST HIGHEST VALUE IS	0.25962 AT (	430190.45, 5202952.82, 5.21,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	0.25651 AT (	430188.78, 5202953.50, 5.22,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	0.25464 AT (	430190.51, 5202965.05, 4.56,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	0.25295 AT (	430188.78, 5202965.50, 4.77,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	0.24315 AT (	430190.56, 5202977.27, 4.52,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	0.24036 AT (	430188.78, 5202978.00, 4.73,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	0.23989 AT (	430190.40, 5202940.60, 4.77,
5.44,	0.00) DC		
	8TH HIGHEST VALUE IS	0.23976 AT (	430188.78, 5202941.00, 4.95,
4.95,	0.00) DC		
	9TH HIGHEST VALUE IS	0.23357 AT (	430176.34, 5202953.50, 5.50,
5.50,	0.00) DC		
	10TH HIGHEST VALUE IS	0.23272 AT (	430176.34, 5202965.50, 5.47,
92.43,	0.00) DC		
LOAD_P	1ST HIGHEST VALUE IS	0.00116 AT (	430192.23, 5203029.44, 4.28,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	0.00116 AT (	430191.48, 5203021.69, 4.36,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	0.00115 AT (	430192.87, 5203041.83, 4.23,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	0.00115 AT (	430713.77, 5203077.94, 5.23,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	0.00115 AT (	430713.80, 5203090.14, 5.09,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	0.00115 AT (	430188.78, 5203028.00, 4.70,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	0.00114 AT (	430190.73, 5203013.94, 4.44,
92.43,	0.00) DC		
	8TH HIGHEST VALUE IS	0.00114 AT (	430188.78, 5203015.50, 4.70,
92.43,	0.00) DC		

	9TH HIGHEST VALUE IS	0.00114	AT (	430188.78,	5203040.50,	4.68,
92.43,	0.00) DC					
	10TH HIGHEST VALUE IS	0.00114	AT (	430715.77,	5203067.94,	5.15,
92.43,	0.00) DC					
PILE1	1ST HIGHEST VALUE IS	0.84891	AT (	430198.66,	5203153.38,	4.42,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	0.81948	AT (	430199.30,	5203165.77,	4.48,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	0.79204	AT (	430198.02,	5203140.98,	4.33,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	0.77214	AT (	430188.78,	5203152.00,	4.73,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	0.73919	AT (	430188.78,	5203164.50,	4.71,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	0.73795	AT (	430188.78,	5203140.00,	4.72,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	0.69273	AT (	430197.37,	5203128.59,	4.30,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	0.68493	AT (	430199.94,	5203178.16,	4.29,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	0.67599	AT (	430176.34,	5203152.00,	4.84,
92.43,	0.00) DC					
	10TH HIGHEST VALUE IS	0.66073	AT (	430176.34,	5203140.00,	4.88,
92.43,	0.00) DC					
PILE2	1ST HIGHEST VALUE IS	1.06232	AT (	430192.23,	5203029.44,	4.28,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	1.05568	AT (	430188.78,	5203028.00,	4.70,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	1.04158	AT (	430191.48,	5203021.69,	4.36,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	0.99158	AT (	430188.78,	5203015.50,	4.70,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	0.97587	AT (	430190.73,	5203013.94,	4.44,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	0.97156	AT (	430188.78,	5203040.50,	4.68,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	0.96702	AT (	430192.87,	5203041.83,	4.23,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	0.92732	AT (	430176.34,	5203028.00,	5.19,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	0.89360	AT (	430176.34,	5203015.50,	5.23,
92.43,	0.00) DC					
	10TH HIGHEST VALUE IS	0.85140	AT (430176.34,	5203040.50,	5.19,
92.43,	0.00) DC					

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS

AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE GRID-ID		
PILE3	1ST HIGHEST VALUE IS	0.98395 AT (	430190.40, 5202940.60, 4.77,
5.44,	0.00) DC		
	2ND HIGHEST VALUE IS	0.97798 AT (	430188.78, 5202941.00, 4.95,
4.95,	0.00) DC		
	3RD HIGHEST VALUE IS	0.96165 AT (	430190.45, 5202952.82, 5.21,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	0.93397 AT (	430188.78, 5202953.50, 5.22,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	0.91223 AT (	430190.34, 5202928.38, 4.63,
5.40,	0.00) DC		
	6TH HIGHEST VALUE IS	0.91097 AT (	430188.78, 5202928.50, 4.81,
5.40,	0.00) DC		
	7TH HIGHEST VALUE IS	0.86559 AT (	430176.34, 5202941.00, 5.52,
5.52,	0.00) DC		
	8TH HIGHEST VALUE IS	0.83492 AT (	430176.34, 5202928.50, 5.54,
5.54,	0.00) DC		
	9TH HIGHEST VALUE IS	0.80609 AT (	430176.34, 5202953.50, 5.50,
5.50,	0.00) DC		
	10TH HIGHEST VALUE IS	0.78306 AT (	430190.29, 5202916.15, 4.59,
5.41,	0.00) DC		
T_P	1ST HIGHEST VALUE IS	0.01297 AT (	430401.24, 5202869.68, 5.67,
5.67,	0.00) DC		
	2ND HIGHEST VALUE IS	0.01179 AT (	430400.13, 5202866.50, 5.93,
5.93,	0.00) DC		
	3RD HIGHEST VALUE IS	0.01135 AT (	430389.49, 5202871.55, 5.49,
5.49,	0.00) DC		
	4TH HIGHEST VALUE IS	0.01032 AT (	430424.74, 5202865.93, 6.02,
6.02,	0.00) DC		
	5TH HIGHEST VALUE IS	0.01025 AT (	430387.69, 5202866.50, 5.92,
5.92,	0.00) DC		

	6TH HIGHEST VALUE IS	0.01016	AT (	430377.74,	5202873.43,	5.40,
5.40,	0.00) DC					
	7TH HIGHEST VALUE IS	0.00974	AT (	430371.74,	5202875.68,	5.23,
5.23,	0.00) DC					
	8TH HIGHEST VALUE IS	0.00946	AT (	430365.74,	5202877.93,	5.16,
5.16,	0.00) DC					
	9TH HIGHEST VALUE IS	0.00899	AT (	430375.28,	5202866.50,	5.91,
5.91,	0.00) DC					
	10TH HIGHEST VALUE IS	0.00858	AT (	430355.41,	5202877.60,	5.06,
5.06,	0.00) DC					
T_P1	1ST HIGHEST VALUE IS	0.33309	AT (	430196.73,	5203116.20,	4.25,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	0.31044	AT (	430196.09,	5203103.80,	4.32,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	0.29440	AT (	430188.78,	5203115.00,	4.70,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	0.28954	AT (	430188.78,	5203102.50,	4.73,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	0.27250	AT (	430195.44,	5203091.41,	4.39,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	0.27133	AT (	430401.24,	5202869.68,	5.67,
5.67,	0.00) DC					
	7TH HIGHEST VALUE IS	0.25888	AT (	430188.78,	5203090.00,	4.72,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	0.25269	AT (	430389.49,	5202871.55,	5.49,
5.49,	0.00) DC					
	9TH HIGHEST VALUE IS	0.24958	AT (	430400.13,	5202866.50,	5.93,
5.93,	0.00) DC					
	10TH HIGHEST VALUE IS	0.24706	AT (	430194.80,	5203079.01,	4.42,
92.43,	0.00) DC					
T_P1EX	1ST HIGHEST VALUE IS	0.21663	AT (	430210.43,	5203290.86,	4.37,
92.43,	0.00) DC					
	2ND HIGHEST VALUE IS	0.20893	AT (	430204.93,	5203229.55,	4.37,
92.43,	0.00) DC					
	3RD HIGHEST VALUE IS	0.20821	AT (	430201.22,	5203289.00,	3.87,
92.43,	0.00) DC					
	4TH HIGHEST VALUE IS	0.20508	AT (	430210.73,	5203279.46,	4.32,
92.43,	0.00) DC					
	5TH HIGHEST VALUE IS	0.20502	AT (	430204.83,	5203219.25,	4.33,
92.43,	0.00) DC					
	6TH HIGHEST VALUE IS	0.19741	AT (	430205.03,	5203239.85,	4.31,
92.43,	0.00) DC					
	7TH HIGHEST VALUE IS	0.19717	AT (	430201.22,	5203227.00,	4.18,
92.43,	0.00) DC					
	8TH HIGHEST VALUE IS	0.19459	AT (	430204.73,	5203208.95,	4.43,
92.43,	0.00) DC					
	9TH HIGHEST VALUE IS	0.18958	AT (	430201.22,	5203214.50,	4.09,
92.43,	0.00) DC					

10TH HIGHEST VALUE IS 0.18591 AT (430201.22, 5203239.50, 4.05,
 92.43, 0.00) DC

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS

AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

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

T_P2	1ST HIGHEST VALUE IS	0.18163 AT (430194.80, 5203079.01,	4.42,
	92.43, 0.00) DC		
	2ND HIGHEST VALUE IS	0.16737 AT (430194.16, 5203066.62,	4.29,
	92.43, 0.00) DC		
	3RD HIGHEST VALUE IS	0.16572 AT (430188.78, 5203077.50,	4.73,
	92.43, 0.00) DC		
	4TH HIGHEST VALUE IS	0.15939 AT (430188.78, 5203065.00,	4.67,
	92.43, 0.00) DC		
	5TH HIGHEST VALUE IS	0.14957 AT (430401.24, 5202869.68,	5.67,
	5.67, 0.00) DC		
	6TH HIGHEST VALUE IS	0.14701 AT (430193.52, 5203054.23,	4.25,
	92.43, 0.00) DC		
	7TH HIGHEST VALUE IS	0.14441 AT (430188.78, 5203053.00,	4.70,
	92.43, 0.00) DC		
	8TH HIGHEST VALUE IS	0.13929 AT (430389.49, 5202871.55,	5.49,
	5.49, 0.00) DC		
	9TH HIGHEST VALUE IS	0.13757 AT (430400.13, 5202866.50,	5.93,
	5.93, 0.00) DC		
	10TH HIGHEST VALUE IS	0.13704 AT (430176.34, 5203065.00,	5.11,
	92.43, 0.00) DC		

T_P2EX	1ST HIGHEST VALUE IS	0.12391 AT (430201.22, 5203289.00,	3.87,
	92.43, 0.00) DC		
	2ND HIGHEST VALUE IS	0.11608 AT (430210.73, 5203279.46,	4.32,
	92.43, 0.00) DC		

92.43,	3RD HIGHEST VALUE IS	0.11600	AT (	430204.93,	5203229.55,	4.37,
	0.00) DC					
92.43,	4TH HIGHEST VALUE IS	0.11382	AT (	430204.83,	5203219.25,	4.33,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	0.11097	AT (	430210.43,	5203290.86,	4.37,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	0.10995	AT (	430205.03,	5203239.85,	4.31,
	0.00) DC					
92.43,	7TH HIGHEST VALUE IS	0.10953	AT (	430201.22,	5203227.00,	4.18,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	0.10821	AT (	430204.73,	5203208.95,	4.43,
	0.00) DC					
92.43,	9TH HIGHEST VALUE IS	0.10538	AT (	430201.22,	5203214.50,	4.09,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	0.10359	AT (	430201.22,	5203239.50,	4.05,
	0.00) DC					
T_P3	1ST HIGHEST VALUE IS	0.15608	AT (	430188.78,	5202990.50,	4.68,
92.43,	0.00) DC					
92.43,	2ND HIGHEST VALUE IS	0.15571	AT (	430190.62,	5202989.49,	4.43,
	0.00) DC					
92.43,	3RD HIGHEST VALUE IS	0.13624	AT (	430188.78,	5202978.00,	4.73,
	0.00) DC					
92.43,	4TH HIGHEST VALUE IS	0.13466	AT (	430190.56,	5202977.27,	4.52,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	0.13247	AT (	430190.67,	5203001.72,	4.41,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	0.12967	AT (	430176.34,	5202990.50,	5.33,
	0.00) DC					
92.43,	7TH HIGHEST VALUE IS	0.12436	AT (	430176.34,	5202978.00,	5.39,
	0.00) DC					
92.43,	8TH HIGHEST VALUE IS	0.12295	AT (	430188.78,	5203003.00,	4.68,
	0.00) DC					
5.67,	9TH HIGHEST VALUE IS	0.11972	AT (	430401.24,	5202869.68,	5.67,
	0.00) DC					
92.43,	10TH HIGHEST VALUE IS	0.11962	AT (	430188.78,	5202965.50,	4.77,
	0.00) DC					
T_P3EX	1ST HIGHEST VALUE IS	0.09302	AT (	430204.93,	5203229.55,	4.37,
92.43,	0.00) DC					
92.43,	2ND HIGHEST VALUE IS	0.09142	AT (	430204.83,	5203219.25,	4.33,
	0.00) DC					
92.43,	3RD HIGHEST VALUE IS	0.08937	AT (	430210.73,	5203279.46,	4.32,
	0.00) DC					
92.43,	4TH HIGHEST VALUE IS	0.08798	AT (	430205.03,	5203239.85,	4.31,
	0.00) DC					
92.43,	5TH HIGHEST VALUE IS	0.08788	AT (	430201.22,	5203227.00,	4.18,
	0.00) DC					
92.43,	6TH HIGHEST VALUE IS	0.08774	AT (	430210.43,	5203290.86,	4.37,
	0.00) DC					

7TH HIGHEST VALUE IS 0.08710 AT (430204.73, 5203208.95, 4.43,
 92.43, 0.00) DC
 8TH HIGHEST VALUE IS 0.08558 AT (430201.22, 5203289.00, 3.87,
 92.43, 0.00) DC
 9TH HIGHEST VALUE IS 0.08474 AT (430201.22, 5203214.50, 4.09,
 92.43, 0.00) DC
 10TH HIGHEST VALUE IS 0.08288 AT (430201.22, 5203239.50, 4.05,
 92.43, 0.00) DC

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS

AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3

**

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

T_PEX	1ST HIGHEST VALUE IS	0.03571 AT (430210.43, 5203290.86,	4.37,
92.43,	0.00) DC		
	2ND HIGHEST VALUE IS	0.03483 AT (430201.22, 5203289.00,	3.87,
92.43,	0.00) DC		
	3RD HIGHEST VALUE IS	0.03282 AT (430210.73, 5203279.46,	4.32,
92.43,	0.00) DC		
	4TH HIGHEST VALUE IS	0.02745 AT (430201.22, 5203276.50,	3.94,
92.43,	0.00) DC		
	5TH HIGHEST VALUE IS	0.02665 AT (430188.78, 5203289.00,	5.02,
92.43,	0.00) DC		
	6TH HIGHEST VALUE IS	0.02474 AT (430207.98, 5203269.96,	4.21,
92.43,	0.00) DC		
	7TH HIGHEST VALUE IS	0.02431 AT (430188.78, 5203276.50,	4.92,
92.43,	0.00) DC		
	8TH HIGHEST VALUE IS	0.02271 AT (430210.13, 5203302.26,	3.15,
92.43,	0.00) DC		
	9TH HIGHEST VALUE IS	0.02124 AT (430201.22, 5203301.50,	3.49,
92.43,	0.00) DC		
	10TH HIGHEST VALUE IS	0.02105 AT (430176.34, 5203289.00,	4.43,

92.43, 0.00) DC

ALL	1ST HIGHEST VALUE IS	3.85737	AT (	430192.23,	5203029.44,	4.28,
	92.43, 0.00) DC					
	2ND HIGHEST VALUE IS	3.85160	AT (	430188.78,	5203028.00,	4.70,
	92.43, 0.00) DC					
	3RD HIGHEST VALUE IS	3.82952	AT (	430188.78,	5203040.50,	4.68,
	92.43, 0.00) DC					
	4TH HIGHEST VALUE IS	3.82263	AT (	430192.87,	5203041.83,	4.23,
	92.43, 0.00) DC					
	5TH HIGHEST VALUE IS	3.81205	AT (	430191.48,	5203021.69,	4.36,
	92.43, 0.00) DC					
	6TH HIGHEST VALUE IS	3.76575	AT (	430188.78,	5203015.50,	4.70,
	92.43, 0.00) DC					
	7TH HIGHEST VALUE IS	3.74427	AT (	430190.73,	5203013.94,	4.44,
	92.43, 0.00) DC					
	8TH HIGHEST VALUE IS	3.70218	AT (	430188.78,	5203053.00,	4.70,
	92.43, 0.00) DC					
	9TH HIGHEST VALUE IS	3.69627	AT (	430193.52,	5203054.23,	4.25,
	92.43, 0.00) DC					
	10TH HIGHEST VALUE IS	3.68520	AT (	430188.78,	5203003.00,	4.68,
	92.43, 0.00) DC					

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

▲ *** AERMOD - VERSION 22112 *** **

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

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

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

A Total of	0 Fatal Error Message(s)
A Total of	2 Warning Message(s)
A Total of	758 Informational Message(s)
A Total of	43824 Hours Were Processed
A Total of	398 Calm Hours Identified
A Total of	360 Missing Hours Identified (0.82 Percent)

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

***** WARNING MESSAGES *****
SO W320 1503 PPARM: Input Parameter May Be Out-of-Range for Parameter
VS
ME W187 13687 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

▲ *** AERMOD - VERSION 22112 *** ***
C:\MODEL\HOQUIAMPROJECT\HOQUIAMPROJECT_PM2P5-ANNUAL\HOQUIAMPROJECT_P ***
07/13/23

*** AERMET - VERSION 22112 *** ***
*** 12:02:54

PAGE 1

*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

** Model Options Selected:

- * Model Allows User-Specified Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses RURAL Dispersion Only.
- * Option for Capped & Horiz Stacks Selected With:
 - 0 Capped Stack(s); and 3 Horizontal Stack(s)
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: PM-10

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 652 Source(s); 30 Source Group(s); and 11358
Receptor(s)

with: 14 POINT(s), including
0 POINTCAP(s) and 3 POINTHOR(s)
and: 635 VOLUME source(s)
and: 3 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

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							
18	01	01	1	01	-33.0	0.317	-9.000	-9.000	-999.	429.	110.6	0.01	0.28	
1.00	5.51	67.	10.0	275.9	2.0									
18	01	01	1	02	-42.0	0.403	-9.000	-9.000	-999.	614.	178.7	0.07	0.28	
1.00	5.10	51.	10.0	275.3	2.0									
18	01	01	1	03	-42.5	0.408	-9.000	-9.000	-999.	625.	183.1	0.07	0.28	
1.00	5.16	54.	10.0	275.3	2.0									
18	01	01	1	04	-35.4	0.339	-9.000	-9.000	-999.	477.	126.4	0.07	0.28	
1.00	4.32	50.	10.0	275.3	2.0									
18	01	01	1	05	-35.2	0.337	-9.000	-9.000	-999.	469.	124.6	0.07	0.28	
1.00	4.29	58.	10.0	274.8	2.0									
18	01	01	1	06	-36.6	0.350	-9.000	-9.000	-999.	498.	135.1	0.07	0.28	
1.00	4.46	50.	10.0	274.8	2.0									
18	01	01	1	07	-32.7	0.340	-9.000	-9.000	-999.	475.	126.8	0.07	0.28	
0.58	4.32	51.	10.0	274.8	2.0									
18	01	01	1	08	-0.5	0.283	-9.000	-9.000	-999.	363.	4158.0	0.01	0.28	
0.35	4.71	62.	10.0	276.4	2.0									
18	01	01	1	09	14.1	0.378	0.287	0.007	61.	558.	-351.0	0.01	0.28	
0.26	6.19	68.	10.0	277.5	2.0									
18	01	01	1	10	23.1	0.354	0.427	0.008	123.	506.	-175.6	0.01	0.28	
0.22	5.72	63.	10.0	278.8	2.0									
18	01	01	1	11	25.3	0.448	0.480	0.010	160.	720.	-325.6	0.01	0.28	
0.21	7.33	72.	10.0	279.2	2.0									
18	01	01	1	12	20.7	0.394	0.464	0.008	176.	597.	-270.7	0.01	0.28	
0.23	6.43	65.	10.0	280.3	2.0									
18	01	01	1	13	9.6	0.397	0.365	0.008	184.	599.	-591.9	0.01	0.28	
0.28	6.53	73.	10.0	280.3	2.0									
18	01	01	1	14	-19.9	0.452	-9.000	-9.000	-999.	729.	426.1	0.07	0.28	
0.41	5.60	59.	10.0	278.8	2.0									
18	01	01	1	15	-33.5	0.324	-9.000	-9.000	-999.	454.	115.3	0.01	0.28	
1.00	5.62	72.	10.0	278.1	2.0									
18	01	01	1	16	-32.9	0.317	-9.000	-9.000	-999.	429.	110.7	0.01	0.28	
1.00	5.51	71.	10.0	277.5	2.0									
18	01	01	1	17	-25.5	0.246	-9.000	-9.000	-999.	295.	66.7	0.01	0.28	
1.00	4.32	62.	10.0	277.0	2.0									
18	01	01	1	18	-30.6	0.295	-9.000	-9.000	-999.	385.	95.7	0.01	0.28	
1.00	5.14	62.	10.0	277.5	2.0									
18	01	01	1	19	-35.3	0.340	-9.000	-9.000	-999.	476.	127.2	0.01	0.28	
1.00	5.89	66.	10.0	276.4	2.0									
18	01	01	1	20	-39.1	0.376	-9.000	-9.000	-999.	552.	155.2	0.01	0.28	
1.00	6.48	67.	10.0	276.4	2.0									
18	01	01	1	21	-31.0	0.298	-9.000	-9.000	-999.	394.	97.7	0.01	0.28	
1.00	5.19	65.	10.0	276.4	2.0									
18	01	01	1	22	-29.6	0.285	-9.000	-9.000	-999.	365.	89.2	0.01	0.28	
1.00	4.97	62.	10.0	276.4	2.0									
18	01	01	1	23	-31.5	0.303	-9.000	-9.000	-999.	400.	100.8	0.01	0.28	

```

1.00  5.27  61.  10.0  276.4  2.0
  18 01 01  1 24 -31.5  0.304 -9.000 -9.000 -999.  402.  101.6  0.01  0.28
1.00  5.29  63.  10.0  277.0  2.0

```

First hour of profile data

```

YR MO DY HR HEIGHT F  WDIR  WSPD AMB_TMP sigmaA  sigmaW  sigmaV
18 01 01 01  10.0 1  67.   5.51  276.0  99.0  -99.00 -99.00

```

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

↑ *** AERMOD - VERSION 22112 *** ***

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*** AERMET - VERSION  22112 ***  ***
***                               ***
***                               12:02:54

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR

RESULTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3

**

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK AVERAGE CONC OF TYPE GRID-ID	DATE (YYMMDDHH)	RECEPTOR
EG HIGH 1ST HIGH VALUE IS 5202890.68, 5.02, 5.02, 0.00)	0.14237 DC	ON 18010824: AT (	430206.98,
HIGH 6TH HIGH VALUE IS 5202886.76, 4.99, 4.99, 0.00)	0.10917 DC	ON 18010824: AT (	430237.07,
EP01 HIGH 1ST HIGH VALUE IS 5202965.50, 4.77, 92.43, 0.00)	13.53708 DC	ON 18010824: AT (	430188.78,
HIGH 6TH HIGH VALUE IS 5202952.82, 5.21, 92.43, 0.00)	10.21316 DC	ON 18122224: AT (	430190.45,
EP02 HIGH 1ST HIGH VALUE IS 5203053.00, 5.12, 92.43, 0.00)	5.10098 DC	ON 21121724: AT (	430176.34,
HIGH 6TH HIGH VALUE IS 5203040.50, 4.68, 92.43, 0.00)	3.90770 DC	ON 19110924: AT (	430188.78,
EP03 HIGH 1ST HIGH VALUE IS 5203053.00, 4.70, 92.43, 0.00)	5.13034 DC	ON 21121724: AT (	430188.78,

5203040.50,	HIGH	6TH HIGH VALUE IS	3.94270	ON 19121024: AT (	430188.78,
		4.68, 92.43,	0.00)	DC	
EP04 5203787.50,	HIGH	1ST HIGH VALUE IS	11.06247	ON 18081124: AT (	430188.97,
		69.43, 92.43,	0.00)	DC	
5203862.50,	HIGH	6TH HIGH VALUE IS	6.06878	ON 19123024: AT (	430478.81,
		68.62, 92.43,	0.00)	DC	
EP05 5203040.50,	HIGH	1ST HIGH VALUE IS	0.36411	ON 19110924: AT (	430188.78,
		4.68, 92.43,	0.00)	DC	
5203021.69,	HIGH	6TH HIGH VALUE IS	0.24667	ON 19120324: AT (	430191.48,
		4.36, 92.43,	0.00)	DC	
EP06 5203040.50,	HIGH	1ST HIGH VALUE IS	0.35753	ON 19110924: AT (	430188.78,
		4.68, 92.43,	0.00)	DC	
5203021.69,	HIGH	6TH HIGH VALUE IS	0.24463	ON 19122924: AT (	430191.48,
		4.36, 92.43,	0.00)	DC	
EP08 5203151.14,	HIGH	1ST HIGH VALUE IS	3.06648	ON 20010624: AT (	430713.97,
		4.86, 92.43,	0.00)	DC	
5203079.01,	HIGH	6TH HIGH VALUE IS	2.27580	ON 19120224: AT (	430194.80,
		4.42, 92.43,	0.00)	DC	
EP09 5203077.94,	HIGH	1ST HIGH VALUE IS	0.50520	ON 18081224: AT (	430713.77,
		5.23, 92.43,	0.00)	DC	
5203016.94,	HIGH	6TH HIGH VALUE IS	0.39333	ON 22102124: AT (	430744.02,
		5.14, 92.43,	0.00)	DC	
EP10 5203102.34,	HIGH	1ST HIGH VALUE IS	6.60974	ON 18060324: AT (	430713.84,
		5.03, 92.43,	0.00)	DC	
5203067.94,	HIGH	6TH HIGH VALUE IS	5.32779	ON 20052924: AT (	430715.77,
		5.15, 92.43,	0.00)	DC	
EP11 5203102.34,	HIGH	1ST HIGH VALUE IS	5.26853	ON 18060324: AT (	430713.84,
		5.03, 92.43,	0.00)	DC	
5203114.54,	HIGH	6TH HIGH VALUE IS	4.66711	ON 20070224: AT (	430713.87,
		4.99, 92.43,	0.00)	DC	
EP12 5203115.00,	HIGH	1ST HIGH VALUE IS	2.64842	ON 22102124: AT (	430735.81,
		4.52, 92.43,	0.00)	DC	
5203057.94,	HIGH	6TH HIGH VALUE IS	1.87171c	ON 22090724: AT (	430717.77,
		5.11, 92.43,	0.00)	DC	
EP13 5203090.14,	HIGH	1ST HIGH VALUE IS	7.22745	ON 18060324: AT (	430713.80,
		5.09, 92.43,	0.00)	DC	
5203102.34,	HIGH	6TH HIGH VALUE IS	5.60468	ON 20070224: AT (	430713.84,
		5.03, 92.43,	0.00)	DC	
EP14 5203090.14,	HIGH	1ST HIGH VALUE IS	5.68117	ON 18060324: AT (	430713.80,
		5.09, 92.43,	0.00)	DC	

HIGH 6TH HIGH VALUE IS 5.11478 ON 20073124: AT (430713.84,
5203102.34, 5.03, 92.43, 0.00) DC

FEL_P1 HIGH 1ST HIGH VALUE IS 53.27246 ON 19110924: AT (430198.02,
5203140.98, 4.33, 92.43, 0.00) DC

HIGH 6TH HIGH VALUE IS 33.90110 ON 19111224: AT (430198.02,
5203140.98, 4.33, 92.43, 0.00) DC

FEL_P2 HIGH 1ST HIGH VALUE IS 28.27852 ON 19110924: AT (430194.16,
5203066.62, 4.29, 92.43, 0.00) DC

HIGH 6TH HIGH VALUE IS 17.88216 ON 20102624: AT (430193.52,
5203054.23, 4.25, 92.43, 0.00) DC

▲ *** AERMOD - VERSION 22112 *** **

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR

RESULTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3

**

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

FEL_P3 HIGH 1ST HIGH VALUE IS 22.42140 ON 19110924: AT (430188.78,
5202990.50, 4.68, 92.43, 0.00) DC

HIGH 6TH HIGH VALUE IS 14.30871 ON 20102624: AT (430188.78,
5202978.00, 4.73, 92.43, 0.00) DC

LOAD_P HIGH 1ST HIGH VALUE IS 0.33401 ON 19110924: AT (430196.09,
5203103.80, 4.32, 92.43, 0.00) DC

HIGH 6TH HIGH VALUE IS 0.21315 ON 21012024: AT (430195.44,
5203091.41, 4.39, 92.43, 0.00) DC

PILE1 HIGH 1ST HIGH VALUE IS 18.07892 ON 19110924: AT (430199.94,
5203178.16, 4.29, 92.43, 0.00) DC

HIGH 6TH HIGH VALUE IS 12.14224 ON 20120324: AT (430199.30,
5203165.77, 4.48, 92.43, 0.00) DC

PILE2	HIGH	1ST HIGH VALUE IS	21.13546	ON 19110924: AT (	430188.78,
5203040.50,		4.68, 92.43,	0.00) DC		
	HIGH	6TH HIGH VALUE IS	14.63581	ON 19111224: AT (	430188.78,
5203040.50,		4.68, 92.43,	0.00) DC		
PILE3	HIGH	1ST HIGH VALUE IS	18.30004	ON 19110924: AT (	430190.45,
5202952.82,		5.21, 92.43,	0.00) DC		
	HIGH	6TH HIGH VALUE IS	12.81595	ON 20120324: AT (	430190.45,
5202952.82,		5.21, 92.43,	0.00) DC		
T_P	HIGH	1ST HIGH VALUE IS	3.19693	ON 22121224: AT (	430401.24,
5202869.68,		5.67, 5.67,	0.00) DC		
	HIGH	6TH HIGH VALUE IS	2.38276	ON 18122424: AT (	430401.24,
5202869.68,		5.67, 5.67,	0.00) DC		
T_P1	HIGH	1ST HIGH VALUE IS	16.76364	ON 19122724: AT (	430196.73,
5203116.20,		4.25, 92.43,	0.00) DC		
	HIGH	6TH HIGH VALUE IS	13.36307	ON 22120624: AT (	430196.73,
5203116.20,		4.25, 92.43,	0.00) DC		
T_P1EX	HIGH	1ST HIGH VALUE IS	14.11413	ON 19110924: AT (	430210.43,
5203290.86,		4.37, 92.43,	0.00) DC		
	HIGH	6TH HIGH VALUE IS	10.08010	ON 20120324: AT (	430210.43,
5203290.86,		4.37, 92.43,	0.00) DC		
T_P2	HIGH	1ST HIGH VALUE IS	9.32573	ON 19122724: AT (	430194.80,
5203079.01,		4.42, 92.43,	0.00) DC		
	HIGH	6TH HIGH VALUE IS	7.48887	ON 22102924: AT (	430194.80,
5203079.01,		4.42, 92.43,	0.00) DC		
T_P2EX	HIGH	1ST HIGH VALUE IS	7.46022	ON 19110924: AT (	430210.43,
5203290.86,		4.37, 92.43,	0.00) DC		
	HIGH	6TH HIGH VALUE IS	5.32952	ON 20120324: AT (	430210.43,
5203290.86,		4.37, 92.43,	0.00) DC		
T_P3	HIGH	1ST HIGH VALUE IS	9.59991	ON 19110924: AT (	430190.67,
5203001.72,		4.41, 92.43,	0.00) DC		
	HIGH	6TH HIGH VALUE IS	6.88169	ON 20120324: AT (	430190.67,
5203001.72,		4.41, 92.43,	0.00) DC		
T_P3EX	HIGH	1ST HIGH VALUE IS	5.90165	ON 19110924: AT (	430210.43,
5203290.86,		4.37, 92.43,	0.00) DC		
	HIGH	6TH HIGH VALUE IS	4.21596	ON 20120324: AT (	430210.43,
5203290.86,		4.37, 92.43,	0.00) DC		
T_PEX	HIGH	1ST HIGH VALUE IS	9.69190	ON 19110924: AT (	430210.43,
5203290.86,		4.37, 92.43,	0.00) DC		
	HIGH	6TH HIGH VALUE IS	6.65653	ON 20102624: AT (	430210.43,
5203290.86,		4.37, 92.43,	0.00) DC		

ALL HIGH 1ST HIGH VALUE IS 95.17407 ON 19110924: AT (430188.78,
5203127.50, 4.71, 92.43, 0.00) DC
HIGH 6TH HIGH VALUE IS 79.82504 ON 19120324: AT (430188.78,
5203077.50, 4.73, 92.43, 0.00) DC

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

▲ *** AERMOD - VERSION 22112 *** ***
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*** AERMET - VERSION 22112 *** ***
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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 758 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 398 Calm Hours Identified

A Total of 360 Missing Hours Identified (0.82 Percent)

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

***** WARNING MESSAGES *****
SO W320 1503 PPARAM: Input Parameter May Be Out-of-Range for Parameter
VS
ME W187 13687 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

▲ *** AERMOD - VERSION 22112 *** ***
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*** AERMET - VERSION 22112 *** ***
*** 13:10:17

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

** Model Options Selected:

- * Model Allows User-Specified Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses RURAL Dispersion Only.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: TAP

**Model Calculates 2 Short Term Average(s) of: 1-HR 24-HR
and Calculates ANNUAL Averages

**This Run Includes: 3 Source(s); 4 Source Group(s); and 11358
Receptor(s)

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

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							
18	01	01	1	01	-33.0	0.317	-9.000	-9.000	-999.	429.	110.6	0.01	0.28	
1.00	5.51	67.	10.0	275.9	2.0									
18	01	01	1	02	-42.0	0.403	-9.000	-9.000	-999.	614.	178.7	0.07	0.28	
1.00	5.10	51.	10.0	275.3	2.0									
18	01	01	1	03	-42.5	0.408	-9.000	-9.000	-999.	625.	183.1	0.07	0.28	
1.00	5.16	54.	10.0	275.3	2.0									
18	01	01	1	04	-35.4	0.339	-9.000	-9.000	-999.	477.	126.4	0.07	0.28	
1.00	4.32	50.	10.0	275.3	2.0									
18	01	01	1	05	-35.2	0.337	-9.000	-9.000	-999.	469.	124.6	0.07	0.28	
1.00	4.29	58.	10.0	274.8	2.0									
18	01	01	1	06	-36.6	0.350	-9.000	-9.000	-999.	498.	135.1	0.07	0.28	
1.00	4.46	50.	10.0	274.8	2.0									
18	01	01	1	07	-32.7	0.340	-9.000	-9.000	-999.	475.	126.8	0.07	0.28	
0.58	4.32	51.	10.0	274.8	2.0									
18	01	01	1	08	-0.5	0.283	-9.000	-9.000	-999.	363.	4158.0	0.01	0.28	
0.35	4.71	62.	10.0	276.4	2.0									
18	01	01	1	09	14.1	0.378	0.287	0.007	61.	558.	-351.0	0.01	0.28	
0.26	6.19	68.	10.0	277.5	2.0									
18	01	01	1	10	23.1	0.354	0.427	0.008	123.	506.	-175.6	0.01	0.28	
0.22	5.72	63.	10.0	278.8	2.0									
18	01	01	1	11	25.3	0.448	0.480	0.010	160.	720.	-325.6	0.01	0.28	
0.21	7.33	72.	10.0	279.2	2.0									
18	01	01	1	12	20.7	0.394	0.464	0.008	176.	597.	-270.7	0.01	0.28	
0.23	6.43	65.	10.0	280.3	2.0									
18	01	01	1	13	9.6	0.397	0.365	0.008	184.	599.	-591.9	0.01	0.28	
0.28	6.53	73.	10.0	280.3	2.0									
18	01	01	1	14	-19.9	0.452	-9.000	-9.000	-999.	729.	426.1	0.07	0.28	
0.41	5.60	59.	10.0	278.8	2.0									
18	01	01	1	15	-33.5	0.324	-9.000	-9.000	-999.	454.	115.3	0.01	0.28	
1.00	5.62	72.	10.0	278.1	2.0									
18	01	01	1	16	-32.9	0.317	-9.000	-9.000	-999.	429.	110.7	0.01	0.28	
1.00	5.51	71.	10.0	277.5	2.0									
18	01	01	1	17	-25.5	0.246	-9.000	-9.000	-999.	295.	66.7	0.01	0.28	
1.00	4.32	62.	10.0	277.0	2.0									
18	01	01	1	18	-30.6	0.295	-9.000	-9.000	-999.	385.	95.7	0.01	0.28	
1.00	5.14	62.	10.0	277.5	2.0									
18	01	01	1	19	-35.3	0.340	-9.000	-9.000	-999.	476.	127.2	0.01	0.28	
1.00	5.89	66.	10.0	276.4	2.0									
18	01	01	1	20	-39.1	0.376	-9.000	-9.000	-999.	552.	155.2	0.01	0.28	
1.00	6.48	67.	10.0	276.4	2.0									
18	01	01	1	21	-31.0	0.298	-9.000	-9.000	-999.	394.	97.7	0.01	0.28	
1.00	5.19	65.	10.0	276.4	2.0									
18	01	01	1	22	-29.6	0.285	-9.000	-9.000	-999.	365.	89.2	0.01	0.28	
1.00	4.97	62.	10.0	276.4	2.0									
18	01	01	1	23	-31.5	0.303	-9.000	-9.000	-999.	400.	100.8	0.01	0.28	

```

1.00  5.27  61.  10.0  276.4  2.0
  18 01 01  1 24 -31.5  0.304 -9.000 -9.000 -999.  402.   101.6  0.01  0.28
1.00  5.29  63.  10.0  277.0  2.0

```

First hour of profile data

```

YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
18 01 01 01  10.0 1   67.    5.51  276.0  99.0  -99.00 -99.00

```

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

↑ *** AERMOD - VERSION 22112 *** **

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*** AERMET - VERSION  22112 *** **
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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS

AVERAGED OVER 5 YEARS ***

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

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE	GRID-ID	
EG	1ST HIGHEST VALUE IS	15.27243 AT (	430188.78, 5202928.50, 4.81,
5.40,	0.00) DC		
	2ND HIGHEST VALUE IS	15.24241 AT (	430190.34, 5202928.38, 4.63,
5.40,	0.00) DC		
	3RD HIGHEST VALUE IS	15.16923 AT (	430188.78, 5202916.00, 4.78,
4.78,	0.00) DC		
	4TH HIGHEST VALUE IS	15.12195 AT (	430190.29, 5202916.15, 4.59,
5.41,	0.00) DC		
	5TH HIGHEST VALUE IS	15.09059 AT (	430176.34, 5202916.00, 5.53,
5.53,	0.00) DC		
	6TH HIGHEST VALUE IS	15.06984 AT (	430190.40, 5202940.60, 4.77,
5.44,	0.00) DC		
	7TH HIGHEST VALUE IS	15.06891 AT (	430188.78, 5202941.00, 4.95,
4.95,	0.00) DC		
	8TH HIGHEST VALUE IS	15.04053 AT (	430176.34, 5202928.50, 5.54,
5.54,	0.00) DC		
	9TH HIGHEST VALUE IS	14.89514 AT (	430176.34, 5202903.50, 5.56,

	5.56, 0.00) DC			
	10TH HIGHEST VALUE IS	14.85942	AT (430188.78, 5202903.50,	4.79,
	4.79, 0.00) DC			
EP04	1ST HIGHEST VALUE IS	0.26641	AT (430797.97, 5203015.50,	6.01,
	6.01, 0.00) DC			
	2ND HIGHEST VALUE IS	0.26518	AT (430847.69, 5203003.00,	5.45,
	5.45, 0.00) DC			
	3RD HIGHEST VALUE IS	0.26518	AT (430822.84, 5203040.50,	5.93,
	7.90, 0.00) DC			
	4TH HIGHEST VALUE IS	0.26506	AT (430835.28, 5202990.50,	5.59,
	6.29, 0.00) DC			
	5TH HIGHEST VALUE IS	0.26472	AT (430810.41, 5203040.50,	6.01,
	7.15, 0.00) DC			
	6TH HIGHEST VALUE IS	0.26471	AT (430835.28, 5203003.00,	5.28,
	6.29, 0.00) DC			
	7TH HIGHEST VALUE IS	0.26429	AT (430810.41, 5203028.00,	5.56,
	5.56, 0.00) DC			
	8TH HIGHEST VALUE IS	0.26421	AT (430822.84, 5203003.00,	5.23,
	5.23, 0.00) DC			
	9TH HIGHEST VALUE IS	0.26409	AT (430847.69, 5202990.50,	5.48,
	5.48, 0.00) DC			
	10TH HIGHEST VALUE IS	0.26330	AT (430835.28, 5203015.50,	4.98,
	4.98, 0.00) DC			
EP08	1ST HIGHEST VALUE IS	1.52297	AT (430192.23, 5203029.44,	4.28,
	92.43, 0.00) DC			
	2ND HIGHEST VALUE IS	1.52003	AT (430191.48, 5203021.69,	4.36,
	92.43, 0.00) DC			
	3RD HIGHEST VALUE IS	1.51321	AT (430190.73, 5203013.94,	4.44,
	92.43, 0.00) DC			
	4TH HIGHEST VALUE IS	1.50914	AT (430188.78, 5203028.00,	4.70,
	92.43, 0.00) DC			
	5TH HIGHEST VALUE IS	1.50814	AT (430188.78, 5203015.50,	4.70,
	92.43, 0.00) DC			
	6TH HIGHEST VALUE IS	1.50618	AT (430192.87, 5203041.83,	4.23,
	92.43, 0.00) DC			
	7TH HIGHEST VALUE IS	1.50448	AT (430188.78, 5203040.50,	4.68,
	92.43, 0.00) DC			
	8TH HIGHEST VALUE IS	1.48958	AT (430193.52, 5203054.23,	4.25,
	92.43, 0.00) DC			
	9TH HIGHEST VALUE IS	1.48880	AT (430188.78, 5203003.00,	4.68,
	92.43, 0.00) DC			
	10TH HIGHEST VALUE IS	1.48833	AT (430190.67, 5203001.72,	4.41,
	92.43, 0.00) DC			
ALL	1ST HIGHEST VALUE IS	16.57903	AT (430188.78, 5202928.50,	4.81,
	5.40, 0.00) DC			
	2ND HIGHEST VALUE IS	16.53791	AT (430190.34, 5202928.38,	4.63,
	5.40, 0.00) DC			

3RD HIGHEST VALUE IS 16.42536 AT (430188.78, 5202941.00, 4.95,
 4.95, 0.00) DC
 4TH HIGHEST VALUE IS 16.42389 AT (430190.40, 5202940.60, 4.77,
 5.44, 0.00) DC
 5TH HIGHEST VALUE IS 16.41818 AT (430188.78, 5202916.00, 4.78,
 4.78, 0.00) DC
 6TH HIGHEST VALUE IS 16.36961 AT (430190.29, 5202916.15, 4.59,
 5.41, 0.00) DC
 7TH HIGHEST VALUE IS 16.33871 AT (430176.34, 5202928.50, 5.54,
 5.54, 0.00) DC
 8TH HIGHEST VALUE IS 16.33477 AT (430176.34, 5202916.00, 5.53,
 5.53, 0.00) DC
 9TH HIGHEST VALUE IS 16.19502 AT (430190.45, 5202952.82, 5.21,
 92.43, 0.00) DC
 10TH HIGHEST VALUE IS 16.08449 AT (430176.34, 5202903.50, 5.56,
 5.56, 0.00) DC

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

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR

RESULTS ***

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

**

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK AVERAGE CONC OF TYPE GRID-ID	DATE (YYMMDDHH)	RECEPTOR
EG HIGH 1ST HIGH VALUE IS 5202866.50, 5.56, 5.56, 0.00) DC	574.28145	ON 20100203: AT (430213.66,	
EP04 HIGH 1ST HIGH VALUE IS 5203787.50, 68.49, 92.43, 0.00) DC	86.41408	ON 21062719: AT (430164.06,	

EP08 HIGH 1ST HIGH VALUE IS 33.00423 ON 19082924: AT (430748.25,
5203500.50, 4.25, 92.43, 0.00) DC

ALL HIGH 1ST HIGH VALUE IS 584.39295 ON 20100203: AT (430213.66,
5202866.50, 5.56, 5.56, 0.00) DC

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

▲ *** AERMOD - VERSION 22112 *** **

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR

RESULTS ***

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

**

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK AVERAGE CONC OF TYPE GRID-ID	DATE (YYMMDDHH)	RECEPTOR
EG HIGH 1ST HIGH VALUE IS 5202890.68, 5.02, 5.02, 0.00) DC	164.01279	ON 18010824: AT (430206.98,	
HIGH 6TH HIGH VALUE IS 5202886.76, 4.99, 4.99, 0.00) DC	125.75817	ON 18010824: AT (430237.07,	
EP04 HIGH 1ST HIGH VALUE IS 5203787.50, 69.43, 92.43, 0.00) DC	6.89011	ON 18081124: AT (430188.97,	
HIGH 6TH HIGH VALUE IS 5203862.50, 68.62, 92.43, 0.00) DC	3.77986	ON 19123024: AT (430478.81,	
EP08 HIGH 1ST HIGH VALUE IS 5203151.14, 4.86, 92.43, 0.00) DC	12.85289	ON 20010624: AT (430713.97,	
HIGH 6TH HIGH VALUE IS 5203079.01, 4.42, 92.43, 0.00) DC	9.53884	ON 19120224: AT (430194.80,	

ALL HIGH 1ST HIGH VALUE IS 171.46792 ON 18010824: AT (430206.98,
5202890.68, 5.02, 5.02, 0.00) DC
HIGH 6TH HIGH VALUE IS 131.55741 ON 18122524: AT (430237.07,
5202886.76, 4.99, 4.99, 0.00) DC

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

▲ *** AERMOD - VERSION 22112 *** **

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*** MODELOPTs: CONC ELEV RURAL ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 758 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 398 Calm Hours Identified

A Total of 360 Missing Hours Identified (0.82 Percent)

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

***** WARNING MESSAGES *****
SO W320 44 PPARAM: Input Parameter May Be Out-of-Range for Parameter
VS
ME W187 11559 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET