APPENDIX C
MODELING RESULTS FOR AIR QUALITY IMPACTS

```
CO STARTING
CO TITLEONE  HAT CREEK STACK1
CO MODELOPT  CONC RURAL DFAULT
CO AVERTIME  1 3 8 24 PERIOD
CO POLLUTID  OTHER
CO RUNORNOT  RUN
CO FINISHED

SO STARTING
SO LOCATION  STACK1 POINT  0 0  0
SO SRCPARAM  STACK1 1 10 395 16 1.5
SO SRCGROUP  ALL
SO FINISHED

RE STARTING
RE GRIDCART GRID1  STA
RE GRIDCART GRID1  XYINC -2000 41 100 -2000 41 100
RE GRIDCART GRID1  END
RE FINISHED

ME STARTING
ME INPUTFIL  sold95.asc
ME ANEMHGHT  10  METERS
ME SURFDATA  0  1995
ME UAIRDATA  24225 1995
ME FINISHED

OU STARTING
OU RECTABLE ALLAVE FIRST SECOND THIRD
OU PLOTFILE  PERIOD  ALL  hatSTACK.PLT
OU FINISHED

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

Point

**MODELOPTs: CONC RURAL FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for RURAL Mode

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 4 Short Term Average(s) of: 1-HR 3-HR 8-HR 24-HR
and Calculates PERIOD Averages

**This Run Includes: 1 Source(s); 1 Source Group(s); and 1681 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

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

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

**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: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; 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 = 1.5 MB of RAM.

**Input Runstream File: STACK1.TXT
**Output Print File: STACK1.OUT

**MODELOPTs: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
STACK1	0	0.10000E+01	0.0	0.0	0.0	10.00	395.00	16.00	1.50	NO	

**MODELOPTs: CONC RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	STACK1 ,

**MODELOPTs: CONC RURAL FLAT DFAULT

*** Message Summary : ISCST3 Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 1639 Informational Message(s)

A Total of 1639 Calm Hours Identified

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

******** WARNING MESSAGES ********
*** NONE ***

****
*** ISCST3 Finishes Successfully ***
****

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

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

GROUP ID	AVERAGE CONC	NETWORK RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	42.44822 AT (200.00, 200.00, 0.00, 0.00)	GC	GRID2
	2ND HIGHEST VALUE IS	42.39264 AT (300.00, 300.00, 0.00, 0.00)	GC	GRID2
	3RD HIGHEST VALUE IS	42.36996 AT (200.00, 300.00, 0.00, 0.00)	GC	GRID2
	4TH HIGHEST VALUE IS	42.34555 AT (300.00, 200.00, 0.00, 0.00)	GC	GRID2
	5TH HIGHEST VALUE IS	41.49819 AT (400.00, 300.00, 0.00, 0.00)	GC	GRID2
	6TH HIGHEST VALUE IS	41.45028 AT (300.00, 400.00, 0.00, 0.00)	GC	GRID2
	7TH HIGHEST VALUE IS	41.34590 AT (400.00, 200.00, 0.00, 0.00)	GC	GRID2
	8TH HIGHEST VALUE IS	41.28492 AT (200.00, 400.00, 0.00, 0.00)	GC	GRID2
	9TH HIGHEST VALUE IS	41.09634 AT (100.00, 200.00, 0.00, 0.00)	GC	GRID2
	10TH HIGHEST VALUE IS	40.86961 AT (100.00, 300.00, 0.00, 0.00)	GC	GRID2

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

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
1.	83.42770c	(95122524) AT	(300.00, 100.00) GC	26.	74.40740c	(95021924) AT	(200.00, 400.00) GC
2.	83.24709c	(95122524) AT	(200.00, 100.00) GC	27.	74.40663c	(95112624) AT	(100.00, 200.00) GC
3.	81.06985c	(95122524) AT	(400.00, 100.00) GC	28.	74.36502c	(95102624) AT	(300.00, 300.00) GC
4.	81.06599c	(95122524) AT	(200.00, 200.00) GC	29.	74.29210c	(95102624) AT	(200.00, 200.00) GC
5.	81.04741c	(95122524) AT	(300.00, 200.00) GC	30.	74.23568c	(95041524) AT	(100.00, 100.00) GC
6.	79.68870c	(95122524) AT	(400.00, 200.00) GC	31.	74.15087c	(95112924) AT	(400.00, 100.00) GC
7.	79.35875c	(95122524) AT	(100.00, 100.00) GC	32.	73.99049c	(95112624) AT	(200.00, 300.00) GC
8.	78.31308c	(95122524) AT	(100.00, 200.00) GC	33.	73.98988c	(95112624) AT	(300.00, 300.00) GC
9.	77.31930c	(95122524) AT	(200.00, 300.00) GC	34.	73.93615c	(95102624) AT	(200.00, 300.00) GC
10.	77.18206c	(95122524) AT	(300.00, 300.00) GC	35.	73.76766c	(95021924) AT	(200.00, 300.00) GC
11.	76.14409c	(95122524) AT	(400.00, 300.00) GC	36.	73.72664c	(95112924) AT	(500.00, 100.00) GC
12.	76.11628c	(95122524) AT	(500.00, 100.00) GC	37.	73.72430c	(95111024) AT	(300.00, 200.00) GC
13.	75.96684c	(95112624) AT	(200.00, 200.00) GC	38.	73.70742c	(95021924) AT	(400.00, 400.00) GC
14.	75.71474c	(95122524) AT	(500.00, 200.00) GC	39.	73.68886c	(95112624) AT	(300.00, 100.00) GC
15.	75.46364c	(95122524) AT	(100.00, 300.00) GC	40.	73.60654c	(95112924) AT	(400.00, 200.00) GC
16.	75.35010c	(95112624) AT	(300.00, 200.00) GC	41.	73.52408c	(95102624) AT	(400.00, 300.00) GC
17.	75.32162c	(95112624) AT	(100.00, 100.00) GC	42.	73.48386c	(95111024) AT	(300.00, 300.00) GC
18.	75.24361c	(95112624) AT	(200.00, 100.00) GC	43.	73.47826c	(95021924) AT	(400.00, 300.00) GC
19.	75.06951c	(95041524) AT	(100.00, 200.00) GC	44.	73.34023c	(95111924) AT	(200.00, 400.00) GC
20.	75.04170c	(95021924) AT	(300.00, 400.00) GC	45.	73.33579c	(95041524) AT	(200.00, 200.00) GC
21.	74.90536c	(95111024) AT	(200.00, 300.00) GC	46.	73.30328c	(95111024) AT	(200.00, 400.00) GC
22.	74.73064c	(95102624) AT	(300.00, 200.00) GC	47.	73.25426c	(95041524) AT	(100.00, 400.00) GC
23.	74.66921c	(95111024) AT	(200.00, 200.00) GC	48.	73.22197c	(95112924) AT	(500.00, 200.00) GC
24.	74.59595c	(95041524) AT	(100.00, 300.00) GC	49.	73.22040c	(95102624) AT	(400.00, 200.00) GC
25.	74.49266c	(95021924) AT	(300.00, 300.00) GC	50.	73.21270c	(95111424) AT	(100.00, 400.00) GC

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

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: GRID2 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 1200.00	1300.00	1400.00	1500.00
1500.00	0.61535	0.56984	0.52471	0.48084
1400.00	0.66723	0.61038	0.55454	0.49881
1300.00	0.72030	0.64827	0.57629	0.51128
1200.00	0.77059	0.67590	0.59081	0.51788
1100.00	0.80817	0.69358	0.59806	0.51754
1000.00	0.83197	0.70192	0.59716	0.50880
900.00	0.84114	0.69839	0.58282	0.48993
800.00	0.82771	0.67105	0.55058	0.46023
700.00	0.78438	0.62717	0.51381	0.42909
600.00	0.72143	0.57473	0.46949	0.39203
500.00	0.65776	0.52418	0.42881	0.35779
400.00	0.58065	0.46491	0.38253	0.32159
300.00	0.52102	0.41414	0.34010	0.28710
200.00	0.48901	0.39435	0.32555	0.27419
100.00	0.47120	0.38503	0.32022	0.27071
0.00	0.45578	0.38113	0.32234	0.27503
-100.00	0.43323	0.36551	0.31428	0.27264
-200.00	0.42327	0.36118	0.31133	0.27183
-300.00	0.39429	0.34595	0.30556	0.27106
-400.00	0.35597	0.31499	0.28390	0.25771
-500.00	0.32314	0.28524	0.25756	0.23587
-600.00	0.30155	0.26270	0.23450	0.21445
-700.00	0.28442	0.24810	0.21905	0.19703
-800.00	0.27087	0.23588	0.20852	0.18609
-900.00	0.25929	0.22715	0.19948	0.17824
-1000.00	0.24670	0.21998	0.19330	0.17162
-1100.00	0.23281	0.21148	0.18859	0.16693
-1200.00	0.21851	0.20172	0.18299	0.16337
-1300.00	0.20478	0.19144	0.17632	0.15957
-1400.00	0.19200	0.18113	0.16914	0.15512
-1500.00	0.17995	0.17076	0.16173	0.15032

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: GRID2 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 300.00	400.00	500.00	600.00	700.00	800.00	900.00	1000.00	1100.00
1500.00	0.38343	0.44351	0.51634	0.56836	0.61389	0.65076	0.66339	0.66444	0.64909
1400.00	0.45103	0.52222	0.61133	0.67931	0.72866	0.75873	0.76478	0.75317	0.71950
1300.00	0.54137	0.63006	0.74127	0.82392	0.87222	0.89374	0.88545	0.85157	0.79234
1200.00	0.66885	0.78312	0.92039	1.01306	1.05943	1.06098	1.02640	0.95819	0.86579
1100.00	0.85847	1.00951	1.16793	1.27307	1.30305	1.26824	1.18726	1.06681	0.93699
1000.00	1.15830	1.34834	1.52900	1.63458	1.62223	1.52200	1.35972	1.17463	0.99193
900.00	1.65189	1.88923	2.07166	2.14930	2.04454	1.81954	1.53671	1.26149	1.02621
800.00	2.55460	2.80345	2.93290	2.92414	2.61607	2.13937	1.68247	1.31230	1.03316
700.00	4.54188	4.63637	4.55469	4.26423	3.32514	2.39987	1.75528	1.30728	0.99993
600.00	12.62260	12.36208	11.34438	7.90027	3.87840	2.50004	1.72674	1.24554	0.93483
500.00	38.71496	38.17671	36.36714	10.67799	4.08843	2.45145	1.62659	1.15261	0.85270
400.00	41.45028	40.73454	38.41482	11.30771	4.11200	2.33884	1.49399	1.02760	0.75325
300.00	42.39264	41.49819	38.95988	11.31022	3.89781	2.12743	1.34436	0.92806	0.68017
200.00	42.34555	41.34590	38.70075	10.79145	3.40320	1.82541	1.17580	0.83423	0.62671
100.00	40.68283	39.78448	37.30068	9.46387	2.68298	1.52426	1.02789	0.75840	0.58795
0.00	24.01769	23.40984	21.85020	5.37124	2.07995	1.31578	0.93184	0.70462	0.55824
-100.00	6.88974	6.47213	5.58300	3.05548	1.67305	1.15915	0.85473	0.65584	0.52482
-200.00	4.42913	4.13365	3.63512	2.21932	1.33641	0.98635	0.76596	0.61256	0.50346
-300.00	3.21994	3.03679	2.70893	1.74344	1.08539	0.83917	0.66805	0.54620	0.45808
-400.00	2.51023	2.38449	2.15353	1.43374	0.91089	0.72404	0.58985	0.48923	0.41122
-500.00	2.04743	1.95141	1.77783	1.21437	0.78339	0.63270	0.52919	0.44459	0.37711
-600.00	1.72622	1.64647	1.50952	1.04802	0.68559	0.56197	0.47837	0.40909	0.35052
-700.00	1.49191	1.42341	1.30885	0.91994	0.60716	0.50253	0.43440	0.37902	0.32862
-800.00	1.31269	1.25538	1.15457	0.81791	0.54412	0.45150	0.39530	0.35117	0.31003
-900.00	1.17147	1.12496	1.03300	0.73619	0.49144	0.40846	0.36105	0.32326	0.29166
-1000.00	1.05807	1.01991	0.93586	0.67010	0.44778	0.37073	0.33116	0.29797	0.27200
-1100.00	0.96481	0.93275	0.85584	0.61545	0.41163	0.33766	0.30387	0.27609	0.25257
-1200.00	0.88665	0.85886	0.78747	0.56978	0.38135	0.30968	0.27860	0.25604	0.23529
-1300.00	0.82035	0.79548	0.72827	0.53087	0.35599	0.28619	0.25608	0.23700	0.21967
-1400.00	0.76339	0.74055	0.67666	0.49673	0.33475	0.26653	0.23647	0.21942	0.20492
-1500.00	0.71391	0.69259	0.63150	0.46639	0.31661	0.25024	0.21963	0.20363	0.19110

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: GRID2 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) -600.00	-500.00	-400.00	-300.00	-200.00	-100.00	0.00	100.00	200.00
1500.00	0.24735	0.25074	0.25538	0.25733	0.25763	0.25071	0.26390	0.29664	0.32963
1400.00	0.29070	0.29130	0.29437	0.29762	0.29802	0.29169	0.30776	0.34607	0.38834
1300.00	0.35037	0.34659	0.34819	0.35099	0.35152	0.34507	0.36301	0.41151	0.46692
1200.00	0.43186	0.42404	0.42327	0.42466	0.42520	0.41916	0.43637	0.49913	0.57521
1100.00	0.54393	0.53693	0.53066	0.53121	0.53344	0.52667	0.54262	0.62306	0.73172
1000.00	0.68548	0.69383	0.69407	0.69307	0.69574	0.69221	0.70743	0.81475	0.97009
900.00	0.84697	0.88856	0.92085	0.94384	0.95863	0.96568	0.98299	1.14293	1.37927
800.00	1.00828	1.10692	1.20824	1.29962	1.37657	1.43962	1.49802	1.78680	2.19376
700.00	1.17556	1.33595	1.52623	1.75912	2.03397	2.29399	2.55282	3.37026	4.15080
600.00	1.28501	1.51463	1.81035	2.21445	2.81832	3.87091	6.45213	11.09051	12.29164
500.00	1.32791	1.60475	1.97762	2.50137	3.33430	5.02779	21.13001	37.05405	38.46191
400.00	1.28561	1.58062	2.00086	2.62121	3.63023	5.73967	22.97249	39.76825	41.28492
300.00	1.20602	1.50246	1.93999	2.61343	3.75728	6.06644	23.74406	40.86961	42.36996
200.00	1.10989	1.38194	1.78855	2.45759	3.62530	5.98863	23.88809	41.09634	42.44822
100.00	0.97792	1.21458	1.57561	2.15443	3.15681	5.35295	23.17522	39.88608	40.82065
0.00	0.87453	1.07634	1.37217	1.81309	2.52702	3.93192	15.26379	23.56000	24.11422
-100.00	0.79785	0.97740	1.22594	1.57934	2.10155	2.95283	4.94993	6.68942	6.97929
-200.00	0.76366	0.92304	1.12970	1.40382	1.77194	2.25167	3.35217	4.36448	4.51739
-300.00	0.72653	0.86125	1.02676	1.23152	1.46688	1.76879	2.50740	3.21136	3.29032
-400.00	0.68410	0.79674	0.92688	1.06663	1.22237	1.42646	1.97088	2.50431	2.55476
-500.00	0.64528	0.73513	0.82649	0.91796	1.02873	1.17457	1.60035	2.03097	2.08011
-600.00	0.60328	0.66743	0.72838	0.79352	0.87551	0.98303	1.33591	1.70173	1.75257
-700.00	0.55555	0.59885	0.64164	0.68934	0.75230	0.83883	1.14374	1.46358	1.51348
-800.00	0.50533	0.53483	0.56465	0.60228	0.65490	0.72982	1.00079	1.28154	1.33134
-900.00	0.45538	0.47569	0.49900	0.53204	0.57738	0.64737	0.88916	1.13837	1.18803
-1000.00	0.40824	0.42394	0.44469	0.47552	0.51635	0.58242	0.79927	1.02325	1.07280
-1100.00	0.36651	0.38061	0.39982	0.43038	0.46713	0.52858	0.72509	0.92807	0.97720
-1200.00	0.33111	0.34420	0.36371	0.39376	0.42567	0.48327	0.66265	0.84786	0.89577
-1300.00	0.30117	0.31411	0.33495	0.36236	0.39022	0.44471	0.60935	0.77939	0.82555
-1400.00	0.27622	0.28994	0.31098	0.33474	0.35970	0.41158	0.56354	0.72006	0.76451
-1500.00	0.25586	0.27002	0.29008	0.31039	0.33327	0.38289	0.52394	0.66815	0.71129

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** NETWORK ID: GRID2 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)								
	-1500.00	-1400.00	-1300.00	-1200.00	-1100.00	-1000.00	-900.00	-800.00	-700.00
1500.00	0.27343	0.27451	0.27462	0.27329	0.27045	0.26617	0.26074	0.25463	0.24891
1400.00	0.30883	0.31335	0.31637	0.31783	0.31705	0.31380	0.30854	0.30287	0.29633
1300.00	0.34013	0.35234	0.36177	0.36845	0.37251	0.37336	0.37040	0.36416	0.35775
1200.00	0.36426	0.38391	0.40289	0.41977	0.43308	0.44191	0.44620	0.44517	0.43939
1100.00	0.38397	0.40914	0.43553	0.46252	0.48883	0.51262	0.53058	0.54164	0.54578
1000.00	0.40336	0.43326	0.46519	0.49935	0.53551	0.57305	0.61078	0.64456	0.66951
900.00	0.42165	0.45751	0.49632	0.53803	0.58286	0.63094	0.68240	0.73787	0.79479
800.00	0.43276	0.47316	0.51928	0.57070	0.62765	0.69046	0.75914	0.83396	0.91693
700.00	0.43673	0.47784	0.52705	0.58539	0.65285	0.73005	0.81865	0.92116	1.03890
600.00	0.43237	0.47242	0.51978	0.57670	0.64620	0.73065	0.83166	0.95348	1.10229
500.00	0.42786	0.46848	0.51555	0.57095	0.63750	0.71930	0.82238	0.95295	1.11732
400.00	0.40710	0.44826	0.49574	0.55084	0.61556	0.69293	0.78820	0.91016	1.07117
300.00	0.37309	0.41038	0.45414	0.50583	0.56729	0.64105	0.73170	0.84720	0.99905
200.00	0.33459	0.36681	0.40467	0.44994	0.50524	0.57394	0.66064	0.77148	0.91563
100.00	0.30314	0.33162	0.36602	0.40762	0.45787	0.51851	0.59295	0.68789	0.81196
0.00	0.28470	0.31297	0.34585	0.38379	0.42802	0.48107	0.54635	0.62809	0.73268
-100.00	0.26846	0.29373	0.32240	0.35578	0.39561	0.44350	0.50145	0.57386	0.66908
-200.00	0.25516	0.27783	0.30465	0.33660	0.37466	0.42006	0.47571	0.54703	0.64013
-300.00	0.24647	0.26946	0.29658	0.32833	0.36553	0.41022	0.46501	0.53235	0.61768
-400.00	0.24365	0.26698	0.29351	0.32332	0.35750	0.39810	0.44754	0.51030	0.58980
-500.00	0.24244	0.26297	0.28529	0.31087	0.34199	0.38081	0.42988	0.49093	0.56249
-600.00	0.23408	0.25102	0.27142	0.29718	0.32933	0.36893	0.41778	0.47474	0.53788
-700.00	0.22260	0.24016	0.26227	0.28914	0.32162	0.36141	0.40770	0.45738	0.50731
-800.00	0.21557	0.23446	0.25693	0.28379	0.31651	0.35464	0.39485	0.43462	0.47273
-900.00	0.21159	0.23045	0.25281	0.28005	0.31191	0.34536	0.37795	0.40881	0.43465
-1000.00	0.20821	0.22713	0.25020	0.27723	0.30561	0.33281	0.35821	0.37925	0.39437
-1100.00	0.20564	0.22559	0.24888	0.27324	0.29627	0.31743	0.33477	0.34640	0.35571
-1200.00	0.20508	0.22537	0.24650	0.26629	0.28408	0.29852	0.30781	0.31415	0.32123
-1300.00	0.20557	0.22404	0.24127	0.25644	0.26863	0.27625	0.28071	0.28510	0.29176
-1400.00	0.20487	0.22001	0.23317	0.24363	0.25009	0.25334	0.25599	0.26005	0.26666
-1500.00	0.20166	0.21324	0.22238	0.22805	0.23054	0.23210	0.23433	0.23861	0.24564

**MODELOPTs: CONC RURAL FLAT DFAULT

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

FILE: sold95.asc
FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
SURFACE STATION NO.: 0 UPPER AIR STATION NO.: 24225
NAME: UNKNOWN NAME: UNKNOWN
YEAR: 1995 YEAR: 1995

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M) RURAL	MIXING HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
95	1	1	1	0.0	0.00	273.1	7	684.3	380.0	0.0000	0.0	0.0000	0	0.00
95	1	1	2	0.0	0.00	273.1	7	717.6	380.0	0.0000	0.0	0.0000	0	0.00
95	1	1	3	0.0	0.00	273.1	7	750.8	380.0	0.0000	0.0	0.0000	0	0.00
95	1	1	4	0.0	0.00	273.1	7	784.0	380.0	0.0000	0.0	0.0000	0	0.00
95	1	1	5	0.0	0.00	273.1	7	817.2	380.0	0.0000	0.0	0.0000	0	0.00
95	1	1	6	0.0	0.00	273.1	7	850.4	380.0	0.0000	0.0	0.0000	0	0.00
95	1	1	7	0.0	0.00	273.1	7	883.6	380.0	0.0000	0.0	0.0000	0	0.00
95	1	1	8	0.0	0.00	273.1	6	67.4	424.5	0.0000	0.0	0.0000	0	0.00
95	1	1	9	0.0	0.00	273.1	5	242.2	539.7	0.0000	0.0	0.0000	0	0.00
95	1	1	10	0.0	0.00	273.1	4	417.0	655.0	0.0000	0.0	0.0000	0	0.00
95	1	1	11	0.0	0.00	273.1	3	591.7	770.2	0.0000	0.0	0.0000	0	0.00
95	1	1	12	0.0	0.00	273.1	2	766.5	885.5	0.0000	0.0	0.0000	0	0.00
95	1	1	13	0.0	0.00	273.1	2	941.2	1000.7	0.0000	0.0	0.0000	0	0.00
95	1	1	14	0.0	0.00	273.1	2	1116.0	1116.0	0.0000	0.0	0.0000	0	0.00
95	1	1	15	0.0	0.00	273.1	3	1116.0	1116.0	0.0000	0.0	0.0000	0	0.00
95	1	1	16	0.0	0.00	273.1	3	1116.0	1116.0	0.0000	0.0	0.0000	0	0.00
95	1	1	17	0.0	0.00	273.1	4	1106.7	1106.7	0.0000	0.0	0.0000	0	0.00
95	1	1	18	0.0	0.00	273.1	5	1075.1	930.6	0.0000	0.0	0.0000	0	0.00
95	1	1	19	0.0	0.00	273.1	6	1043.4	787.2	0.0000	0.0	0.0000	0	0.00
95	1	1	20	0.0	0.00	273.1	7	1011.8	643.7	0.0000	0.0	0.0000	0	0.00
95	1	1	21	0.0	0.00	273.1	7	980.1	500.3	0.0000	0.0	0.0000	0	0.00
95	1	1	22	0.0	0.00	273.1	7	948.5	356.9	0.0000	0.0	0.0000	0	0.00
95	1	1	23	0.0	0.00	273.1	7	916.8	213.4	0.0000	0.0	0.0000	0	0.00
95	1	1	24	0.0	0.00	273.1	7	885.2	70.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

**MODELOPTs: CONC   RURAL FLAT   DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
B	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
C	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00
D	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
E	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00
F	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

**MODELOPTs: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: GRID2 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

-1500.0, -1400.0, -1300.0, -1200.0, -1100.0, -1000.0, -900.0, -800.0, -700.0, -600.0,
-500.0, -400.0, -300.0, -200.0, -100.0, 0.0, 100.0, 200.0, 300.0, 400.0,
500.0, 600.0, 700.0, 800.0, 900.0, 1000.0, 1100.0, 1200.0, 1300.0, 1400.0,
1500.0,

*** Y-COORDINATES OF GRID ***
(METERS)

-1500.0, -1400.0, -1300.0, -1200.0, -1100.0, -1000.0, -900.0, -800.0, -700.0, -600.0,
-500.0, -400.0, -300.0, -200.0, -100.0, 0.0, 100.0, 200.0, 300.0, 400.0,
500.0, 600.0, 700.0, 800.0, 900.0, 1000.0, 1100.0, 1200.0, 1300.0, 1400.0,
1500.0,

**MODELOPTs: CONC RURAL FLAT DFAULT

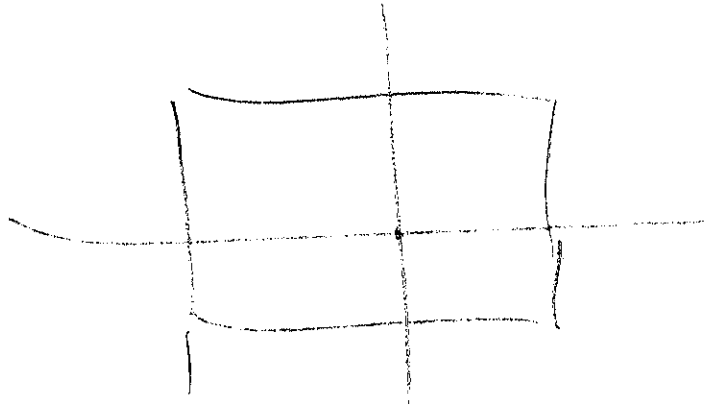
*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	AREA1 ,

**MODELOPTs: CONC RURAL FLAT DFAULT

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
AREA1	0	0.10000E-05	0.0	0.0	0.0	0.00	587.00	587.00	0.00	0.00	



294 m

**Input Runstream File: AREA1.INP
**Output Print File: AREA1.OUT

**MODELOPTs: CONC RURAL FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for RURAL Mode

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 1 Source(s); 1 Source Group(s); and 961 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

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

**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Overall Maximum Short Term Values (MAXTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

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

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; 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 = 1.2 MB of RAM.

```
CO STARTING
CO TITLEONE  HAT Creek AREA1
CO MODELOPT  CONC RURAL DFAULT
CO AVERTIME  24 PERIOD
CO POLLUTID  OTHER
CO RUNORNOT  RUN
CO FINISHED

SO STARTING
SO LOCATION  AREA1  AREA 0 0  0
SO SRCPARAM  AREA1  1e-6  0  587 587
SO SRCGROUP  ALL
SO FINISHED

RE STARTING
RE GRIDCART GRID2  STA
RE GRIDCART GRID2  XYINC -1500 31 100 -1500 31 100
RE GRIDCART GRID2  END
RE FINISHED

ME STARTING
ME INPUTFIL  sold95.asc
ME ANEMHGHT  10  METERS
ME SURFDATA  0  1995
ME UAIRDATA  24225 1995
ME FINISHED

OU STARTING
OU MAXTABLE ALLAVE 50
OU PLOTFILE  PERIOD  ALL  area1.PLT
OU FINISHED

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

Area.

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 500.00	600.00	700.00	800.00	900.00
2000.0	1.86186c(95032224)	1.74273c(95032224)	1.47089c(95092724)	1.47015 (95021224)	1.43701 (95021224)
1900.0	1.96376c(95032224)	1.73067c(95032224)	1.50372 (95021224)	1.56061 (95021224)	1.46480 (95081624)
1800.0	2.04315c(95032224)	1.67356c(95032224)	1.63836 (95021224)	1.61767 (95021224)	1.52601 (95081624)
1700.0	2.08527c(95032224)	1.66219 (95021224)	1.75712 (95021224)	1.62319 (95021224)	1.57426c(95061624)
1600.0	2.07233c(95032224)	1.83124 (95021224)	1.83461 (95021224)	1.58553 (95081624)	1.71532 (95030424)
1500.0	1.98608c(95032224)	1.98831 (95021224)	1.84161 (95021224)	1.72593 (95030424)	1.80887 (95030424)
1400.0	2.04874 (95021224)	2.09589 (95021224)	1.75237 (95021224)	1.90709 (95030424)	1.78390 (95030424)
1300.0	2.25605 (95021224)	2.10511 (95021224)	1.90281 (95030424)	1.98876 (95030424)	1.86241c(95061124)
1200.0	2.40793 (95021224)	1.97069 (95021224)	2.12047 (95030424)	1.96189c(95061124)	1.74326c(95061124)
1100.0	2.42071 (95021224)	2.09678 (95030424)	2.14972 (95030424)	1.95555c(95061124)	1.93300c(95072524)
1000.0	2.20939 (95021224)	2.33571 (95030424)	2.15567c(95061124)	1.98419c(95072524)	1.63647c(95092224)
900.0	2.29065 (95030424)	2.31684c(95061124)	1.95534c(95072524)	1.74851c(95092224)	1.46874 (95031824)
800.0	2.45948 (95030424)	2.19707c(95061124)	1.85654c(95092224)	1.60045 (95031824)	2.08439 (95031824)
700.0	2.43361c(95061124)	1.92748c(95092224)	1.73243 (95031824)	2.29509 (95031824)	2.08659 (95031824)
600.0	2.13773c(95060924)	1.82929c(95072924)	2.46511 (95031824)	2.33949c(95030324)	2.55866c(95030324)
500.0	2.14449c(95072924)	2.50559 (95031824)	2.50361c(95030324)	2.31606c(95030324)	1.60041c(95031724)
400.0	2.29443 (95031824)	2.29907c(95030324)	1.73071 (95030524)	1.67421c(95031724)	1.72234c(95021124)
300.0	1.82614 (95030524)	1.60268c(95031724)	1.63689c(95021124)	1.50301c(95021124)	1.37043c(95123124)
200.0	1.26307c(95080424)	1.49439c(95080424)	1.48598c(95080424)	1.33344c(95080424)	1.13072c(95080424)
100.0	1.68423c(95080424)	1.39059c(95080424)	1.07708c(95080424)	0.82006c(95080424)	0.83900 (95042024)
0.0	1.10313c(95071524)	1.06813c(95071524)	0.99065c(95071524)	0.96632 (95042024)	0.99024 (95042024)
-100.0	0.94585c(95071524)	0.87128c(95071524)	0.78340c(95071524)	0.70114c(95071524)	0.63152c(95091524)
-200.0	0.65153c(95062924)	0.64703c(95071524)	0.60685c(95091524)	0.60399c(95091524)	0.57763c(95091524)
-300.0	0.70419c(95062224)	0.57227c(95062224)	0.45710c(95091524)	0.47646c(95091524)	0.47011c(95091524)
-400.0	0.88178c(95062224)	0.74362c(95062224)	0.61844c(95062224)	0.51185c(95062224)	0.40248c(95062224)
-500.0	0.96584c(95062224)	0.84916c(95062224)	0.69487c(95062224)	0.56933c(95062224)	0.50647c(95062224)
-600.0	0.88004c(95062224)	0.90704c(95062224)	0.84091c(95101424)	0.70822c(95101424)	0.55973c(95101424)
-700.0	0.66292c(95062224)	0.83281c(95062224)	0.85370c(95101424)	0.80816c(95101424)	0.68778c(95101424)
-800.0	0.69787 (95080824)	0.67100c(95062224)	0.75068c(95062224)	0.79310c(95101424)	0.74593c(95101424)
-900.0	0.99130c(95091824)	0.60851c(95061524)	0.63569c(95062224)	0.68637c(95101424)	0.71803c(95101424)
-1000.0	1.09656c(95071324)	0.73685c(95091824)	0.52218c(95061524)	0.58142c(95062224)	0.62503c(95101424)
-1100.0	1.15528c(95071324)	0.99950c(95091824)	0.68129c(95061524)	0.47892c(95102124)	0.52234c(95062224)
-1200.0	1.10834c(95071324)	1.03276c(95091824)	0.75875c(95091824)	0.62991c(95061524)	0.44789c(95102124)
-1300.0	0.99465c(95071324)	1.02469c(95071324)	0.99930c(95091824)	0.68308c(95061524)	0.54704c(95061524)
-1400.0	0.88550c(95071324)	1.01712c(95071324)	0.98934c(95091824)	0.78725c(95091824)	0.68660c(95112924)
-1500.0	0.79720c(95071324)	0.94057c(95071324)	0.91320c(95071324)	1.00619c(95091824)	0.66207c(95112924)
-1600.0	0.84247 (95100124)	0.84626 (95080824)	0.93109c(95071324)	0.96455c(95091824)	0.82802c(95091824)
-1700.0	0.86191 (95100124)	0.76839c(95071324)	0.89958 (95080824)	0.81751c(95071324)	1.02159c(95091824)
-1800.0	0.84177 (95100124)	0.73666 (95100124)	0.87493 (95080824)	0.84998c(95071324)	0.95414c(95091824)
-1900.0	0.80211 (95100124)	0.79268 (95100124)	0.78899 (95080824)	0.84765 (95080824)	0.73395c(95071324)

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 0.00	100.00	200.00	300.00	400.00
-2000.0	4.46255c(95051424)	3.54956c(95051424)	1.81725c(95050424)	1.37323c(95050524)	1.00740c(95050524)

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 0.00	100.00	200.00	300.00	400.00
2000.0	1.25798c(95061024)	1.44971c(95061024)	1.15129 (95070924)	1.18165c(95010724)	1.64754c(95032224)
1900.0	1.30705c(95061024)	1.50085c(95061024)	1.21937 (95070924)	1.30996c(95032224)	1.80963c(95032224)
1800.0	1.35866c(95061024)	1.55328c(95061024)	1.28968 (95070924)	1.48514c(95032224)	1.97874c(95032224)
1700.0	1.41285c(95061024)	1.60674c(95061024)	1.36056 (95070924)	1.68306c(95032224)	2.14852c(95032224)
1600.0	1.46963c(95061024)	1.66080c(95061024)	1.42919 (95070924)	1.90400c(95032224)	2.30787c(95032224)
1500.0	1.53609c(95042424)	1.71487c(95061024)	1.49116 (95070924)	2.14569c(95032224)	2.43880c(95032224)
1400.0	1.61640c(95042424)	1.76816c(95061024)	1.61842c(95010724)	2.40106c(95032224)	2.51475c(95032224)
1300.0	1.70099c(95042424)	1.81962c(95061024)	1.75526c(95010724)	2.65440c(95032224)	2.50085c(95032224)
1200.0	1.78899c(95042424)	1.86798c(95061024)	2.03516c(95032224)	2.87578c(95032224)	2.35933c(95032224)
1100.0	1.87864c(95042424)	1.95819c(95041224)	2.39524c(95032224)	3.01461c(95032224)	2.55215 (95021224)
1000.0	1.96639c(95042424)	2.10858c(95041224)	2.78590c(95032224)	2.99700c(95032224)	2.76603 (95021224)
900.0	2.01314c(95042424)	2.23286c(95041224)	3.11810c(95032224)	2.90363c(95011424)	2.77828 (95021224)
800.0	2.01915c(95042424)	2.31613c(95041224)	3.28405c(95032224)	3.05080 (95021224)	2.39794 (95040724)
700.0	1.95866c(95042424)	2.32918c(95041224)	3.29880c(95011424)	2.96923 (95021224)	2.36578c(95061124)
600.0	1.95410 (95030924)	2.32074c(95082324)	3.64797c(95011424)	2.48211c(95061324)	2.61010 (95070224)
500.0	1.97172 (95030924)	2.43155c(95021324)	2.93960c(95011424)	2.53292c(95061124)	2.34663c(95060924)
400.0	1.78833 (95030924)	2.64814c(95011424)	2.10327c(95081024)	2.28054c(95061124)	2.42436c(95072924)
300.0	1.31940 (95121224)	2.16465c(95011424)	1.95601c(95061124)	2.47018c(95072924)	2.01743c(95072924)
200.0	0.64993c(95072824)	1.03164c(95070624)	1.71326c(95072924)	1.29603c(95072924)	1.16509 (95030524)
100.0	0.04411c(95072824)	0.17246c(95072424)	0.46951c(95080524)	1.21004c(95080424)	1.72248c(95080424)
0.0	0.00000 (0)	0.02216c(95021924)	0.13322c(95071524)	0.69885c(95071524)	1.01213c(95071524)
-100.0	0.05170c(95050624)	0.02848c(95111124)	0.22890c(95062924)	0.71919c(95071524)	0.93198c(95071524)
-200.0	0.85977c(95052324)	0.33853c(95062324)	0.50072 (95070124)	0.69929c(95062924)	0.79623c(95062924)
-300.0	2.75068c(95052324)	1.28108c(95071324)	0.73239c(95062324)	0.71119c(95062224)	0.79291c(95062224)
-400.0	3.67250c(95052324)	1.98124c(95071324)	1.27923c(95071324)	0.64999c(95062224)	0.92896c(95062224)
-500.0	3.86752c(95052224)	2.20322c(95071324)	1.59248c(95071324)	0.95156c(95071324)	0.83930c(95062224)
-600.0	4.37960c(95051324)	2.09089c(95071324)	1.65884c(95071324)	1.35882c(95071324)	0.73890c(95062824)
-700.0	4.69968c(95051324)	1.93835c(95052224)	1.63491c(95071324)	1.44649c(95071324)	0.99679c(95071324)
-800.0	4.83912c(95051324)	2.26806c(95051324)	1.55268c(95071324)	1.35417c(95071324)	1.24442c(95071324)
-900.0	5.10774c(95051424)	2.58892c(95051324)	1.43531c(95071324)	1.23648c(95071324)	1.30675c(95071324)
-1000.0	5.30303c(95051424)	2.82846c(95051324)	1.29692c(95071324)	1.12165c(95071324)	1.21373c(95071324)
-1100.0	5.31110c(95051424)	2.96640c(95051324)	1.16005c(95050424)	1.01671 (95100124)	1.07332c(95071324)
-1200.0	5.27568c(95051424)	3.05465c(95051324)	1.26647c(95050424)	0.99761 (95100124)	0.95546c(95071324)
-1300.0	5.21025c(95051424)	3.16685c(95051424)	1.36347c(95050424)	0.94248 (95100124)	0.90351 (95100124)
-1400.0	5.12450c(95051424)	3.31506c(95051424)	1.45133c(95050424)	0.86446 (95100124)	0.93080 (95100124)
-1500.0	5.02540c(95051424)	3.42100c(95051424)	1.53042c(95050424)	0.98469c(95050524)	0.91252 (95100124)
-1600.0	4.91796c(95051424)	3.49238c(95051424)	1.60127c(95050424)	1.09768c(95050524)	0.87252 (95100124)
-1700.0	4.80576c(95051424)	3.53586c(95051424)	1.66462c(95050424)	1.18985c(95050524)	0.82265 (95100124)
-1800.0	4.69135c(95051424)	3.55698c(95051424)	1.72127c(95050424)	1.26465c(95050524)	0.82190c(95050524)
-1900.0	4.57652c(95051424)	3.56033c(95051424)	1.77204c(95050424)	1.32512c(95050524)	0.92417c(95050524)

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) -500.00	-400.00	-300.00	-200.00	-100.00
-2000.0	1.11071 (95122324)	1.09243 (95100424)	1.32136c(95060724)	1.46761c(95060724)	2.91130c(95051424)

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) -500.00	-400.00	-300.00	-200.00	-100.00
2000.0	0.42887 (95121224)	0.39839 (95121224)	0.70293c(95070824)	0.78128c(95070824)	0.92046c(95042424)
1900.0	0.47207 (95121224)	0.43111 (95121224)	0.65381c(95070824)	0.80357c(95070824)	0.94646c(95042424)
1800.0	0.51565 (95121224)	0.47355 (95121224)	0.58813c(95070824)	0.81770c(95070824)	0.97131c(95042424)
1700.0	0.55424 (95121224)	0.52703 (95121224)	0.52413 (95121224)	0.82059c(95070824)	0.99409c(95042424)
1600.0	0.58036 (95121224)	0.59119 (95121224)	0.55754 (95121224)	0.80823c(95070824)	1.01352c(95042424)
1500.0	0.58519 (95121224)	0.66235 (95121224)	0.60410 (95121224)	0.77626c(95070824)	1.02782c(95042424)
1400.0	0.56037 (95121224)	0.73153 (95121224)	0.66968 (95121224)	0.77447 (95121224)	1.03459c(95042424)
1300.0	0.50055 (95121224)	0.78292 (95121224)	0.75977 (95121224)	0.81339 (95121224)	1.06223 (95121224)
1200.0	0.51026c(95121324)	0.79482 (95121224)	0.87560 (95121224)	0.86080 (95121224)	1.14611 (95121224)
1100.0	0.61951c(95121324)	0.74504 (95121224)	1.00632 (95121224)	0.92676 (95121224)	1.23795 (95121224)
1000.0	0.62538c(95121324)	0.62088 (95121224)	1.11826 (95121224)	1.02937 (95121224)	1.33671 (95121224)
900.0	0.46883c(95121324)	0.63985c(95121324)	1.15316 (95121224)	1.19787 (95121224)	1.43886 (95121224)
800.0	0.55050c(95010924)	0.62721c(95121324)	1.03417 (95121224)	1.44509 (95121224)	1.53427 (95121224)
700.0	0.72830c(95010924)	0.40687c(95010924)	0.72487 (95121224)	1.71658 (95121224)	1.61601 (95121224)
600.0	0.93647 (95042524)	0.56610 (95042524)	0.51858c(95121324)	1.79032 (95121224)	1.69797 (95121224)
500.0	1.16171 (95042524)	0.82185 (95042524)	0.42749 (95042524)	1.33118 (95121224)	1.86418 (95121224)
400.0	1.44178 (95042524)	1.05835 (95042524)	0.61702 (95042524)	0.44320 (95121224)	2.22497 (95121224)
300.0	1.12053 (95042524)	1.27452 (95042524)	0.79940 (95042524)	0.32188 (95042524)	2.03781 (95121224)
200.0	0.62819 (95042524)	0.80688 (95042524)	0.83379 (95042524)	0.26512 (95042524)	0.24523 (95121224)
100.0	0.30509 (95062724)	0.21611 (95062724)	0.18774 (95042524)	0.13712 (95062624)	0.03318c(95020424)
0.0	0.39731 (95062724)	0.32649 (95062724)	0.17942 (95062724)	0.03766c(95120224)	0.03346c(95120224)
-100.0	0.46118c(95052324)	0.64440c(95052324)	0.58067c(95052324)	0.07184c(95052324)	0.04144c(95060324)
-200.0	1.35000c(95052324)	0.78553c(95052324)	0.73276 (95060524)	1.01672 (95060424)	0.26171c(95062024)
-300.0	0.83849 (95032724)	1.63649 (95060524)	2.81188 (95060424)	1.35905c(95060324)	0.79925c(95062024)
-400.0	2.18129 (95060524)	3.77371 (95060424)	2.42447c(95060324)	1.32013 (95032524)	1.36722 (95101324)
-500.0	4.19760 (95060424)	2.91116c(95060324)	1.53405 (95032524)	1.31715c(95062024)	1.73144c(95060724)
-600.0	3.20060 (95060424)	2.02338c(95042624)	1.57666 (95032524)	1.67411 (95101324)	2.09457c(95060724)
-700.0	2.36460c(95042624)	1.58660 (95032524)	1.27950c(95062024)	1.86464 (95101324)	2.29230c(95060724)
-800.0	1.70415 (95042824)	1.43635 (95032524)	1.47239 (95101324)	1.84277 (95101324)	2.35791c(95060724)
-900.0	1.40009 (95032524)	1.11263c(95062024)	1.67000 (95101324)	1.74016 (95101324)	2.33087c(95060724)
-1000.0	1.21134 (95032524)	1.24584 (95100424)	1.68059 (95101324)	1.61694 (95101324)	2.24378c(95060724)
-1100.0	0.93536c(95062024)	1.39761 (95101324)	1.57539 (95101324)	1.55335c(95060724)	2.10126c(95060724)
-1200.0	1.17898 (95100424)	1.47070 (95101324)	1.44100 (95101324)	1.65675c(95060724)	2.24693c(95051424)
-1300.0	1.24233 (95100424)	1.43553 (95101324)	1.31732 (95101324)	1.72036c(95060724)	2.43139c(95051424)
-1400.0	1.26520 (95101324)	1.33484 (95101324)	1.21788 (95101324)	1.74734c(95060724)	2.57703c(95051424)
-1500.0	1.29399 (95101324)	1.21280 (95101324)	1.20220 (95100424)	1.74333c(95060724)	2.68916c(95051424)
-1600.0	1.25134 (95101324)	1.15409 (95122324)	1.26360 (95100424)	1.71477c(95060724)	2.77301c(95051424)
-1700.0	1.16694 (95122324)	1.10245 (95122324)	1.29680 (95100424)	1.66792c(95060724)	2.83332c(95051424)
-1800.0	1.17821 (95122324)	1.04925 (95122324)	1.30451 (95100424)	1.60826c(95060724)	2.87424c(95051424)
-1900.0	1.15504 (95122324)	1.04556 (95100424)	1.30058c(95060724)	1.54036c(95060724)	2.89925c(95051424)

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 0.00	100.00	200.00	300.00	400.00
2000.0	3.14737 (95061024)	3.37765 (95061024)	2.68770 (95042424)	2.20761 (95021308)	3.06692 (95021308)
1900.0	3.26422 (95061024)	3.46488 (95061024)	2.75115 (95042424)	2.53770 (95021308)	3.32251 (95021308)
1800.0	3.38634 (95061024)	3.54799 (95061024)	2.80051 (95042424)	2.91601 (95021308)	3.53470 (95021308)
1700.0	3.51366 (95061024)	3.62477 (95061024)	2.83036 (95042424)	3.33937 (95021308)	3.66645 (95021308)
1600.0	3.64592 (95061024)	3.69222 (95061024)	2.83387 (95042424)	3.79478 (95021308)	3.67224 (95021308)
1500.0	3.78256 (95061024)	3.74643 (95061024)	2.80314 (95042424)	4.25262 (95021308)	3.50467 (95021308)
1400.0	3.92264 (95061024)	3.78238 (95061024)	3.13491 (95021308)	4.65774 (95021308)	3.68550 (95011408)
1300.0	4.06452 (95061024)	3.91290 (95042424)	3.76373 (95021308)	4.92105 (95021308)	4.17092 (95011408)
1200.0	4.20556 (95061024)	4.07412 (95042424)	4.51249 (95021308)	4.91927 (95021308)	4.47973 (95011408)
1100.0	4.34157 (95061024)	4.20837 (95042424)	5.35288 (95021308)	4.62824 (95011408)	4.69333 (95021216)
1000.0	4.46533 (95061024)	4.28962 (95042424)	6.18318 (95021308)	5.52337 (95011408)	5.53033 (95021216)
900.0	4.47662 (95061024)	4.21382 (95042424)	6.72976 (95021308)	6.05122 (95011408)	5.65224 (95021216)
800.0	4.67704 (95030916)	4.18650 (95021308)	6.55994 (95021308)	5.85708 (95011408)	4.74622 (95072224)
700.0	5.07844 (95030916)	5.22120 (95021308)	7.16713 (95011408)	6.08755 (95021216)	5.18656 (95040724)
600.0	5.37983 (95030916)	6.29334 (95021308)	7.81698 (95011408)	4.86666 (95011324)	4.66511 (95070224)
500.0	5.41674 (95030916)	6.77407 (95021308)	6.26980 (95011408)	4.74623 (95040724)	4.42308c(95072916)
400.0	4.90210 (95030916)	5.97480 (95011408)	4.73567 (95081016)	4.11401c(95071916)	6.71344c(95072916)
300.0	3.60264c(95080616)	4.85126 (95011408)	3.72772 (95061116)	7.12262c(95072916)	4.29986 (95031816)
200.0	1.94256c(95072816)	2.55560 (95070616)	5.21150c(95072916)	3.51007 (95072216)	2.97719 (95040416)
100.0	0.13232c(95072816)	0.46440c(95072416)	1.54265c(95080516)	2.71726 (95080416)	3.58690 (95080416)
0.0	0.00000 (0)	0.05951c(95031908)	0.31938c(95072616)	1.36989c(95072616)	1.76781c(95072616)
-100.0	0.13937c(95051008)	0.07745c(95111108)	0.66688c(95072616)	1.98153c(95072616)	2.45337 (95071516)
-200.0	1.84070 (95052316)	0.97326 (95062316)	1.50217 (95070116)	1.74823 (95062916)	1.99057 (95062916)
-300.0	5.66622 (95052316)	3.17337 (95062316)	2.10561 (95062316)	2.05490 (95070116)	2.33040c(95062216)
-400.0	7.24939 (95052316)	4.40675 (95071316)	3.54986 (95062316)	1.86782 (95070116)	1.83624c(95062216)
-500.0	7.86228c(95052216)	4.83062 (95071316)	4.10956 (95062316)	2.60237 (95062816)	1.68945c(95101416)
-600.0	7.51849c(95052216)	4.55229 (95071316)	3.92433 (95062316)	2.78052 (95062316)	1.97529 (95062816)
-700.0	7.27869 (95051316)	4.50901c(95052216)	3.53469c(95093016)	2.87697 (95062316)	2.22017 (95080824)
-800.0	7.20498 (95051316)	4.31326c(95052216)	3.60195c(95093016)	2.71924 (95062316)	2.90910c(95071324)
-900.0	7.21544 (95051416)	4.11619 (95092116)	3.45628c(95093016)	2.75415c(95093016)	3.08618c(95071324)
-1000.0	7.21208 (95050724)	4.18752 (95092116)	3.20709c(95093016)	2.85930c(95093016)	2.73648c(95071324)
-1100.0	7.04861 (95050724)	4.21631 (95051324)	2.91994c(95093016)	2.81120c(95093016)	2.22536c(95071324)
-1200.0	6.84115 (95050724)	4.23734 (95051324)	2.97028 (95092116)	2.67270c(95093016)	2.11406c(95093016)
-1300.0	6.60854 (95050724)	4.25552 (95051416)	3.09738 (95092116)	2.48927c(95093016)	2.13310c(95093016)
-1400.0	6.36357 (95050724)	4.29786 (95051416)	3.16526 (95092116)	2.28977c(95093016)	2.08281c(95093016)
-1500.0	6.11482 (95050724)	4.28563 (95051416)	3.18391 (95092116)	2.09096c(95093016)	1.98937c(95093016)
-1600.0	5.86800 (95050724)	4.23368 (95051416)	3.16299 (95092116)	2.16767c(95050508)	1.87254c(95093016)
-1700.0	5.62678 (95050724)	4.15362 (95051416)	3.11142 (95092116)	2.31074c(95050508)	1.74583c(95093016)
-1800.0	5.39348 (95050724)	4.05434 (95051416)	3.03706 (95092116)	2.41155c(95050508)	1.66173c(95050508)
-1900.0	5.16948 (95050724)	3.94254 (95051416)	2.94655 (95092116)	2.47916c(95050508)	1.86820c(95050508)

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) -500.00	-400.00	-300.00	-200.00	-100.00
-2000.0	2.03979 (95101316)	2.17578 (95101316)	2.49470c(95060724)	2.78799c(95060724)	3.66232 (95050724)

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) -500.00	-400.00	-300.00	-200.00	-100.00
2000.0	1.15133c(95021908)	1.03356 (95082324)	1.57959 (95070824)	1.73704 (95070824)	1.72827 (95061024)
1900.0	1.03352c(95021908)	0.91867 (95121024)	1.46958 (95070824)	1.78952 (95070824)	1.72630 (95061024)
1800.0	1.14577 (95121208)	0.86243 (95121024)	1.32223 (95070824)	1.82378 (95070824)	1.71568 (95061024)
1700.0	1.31575 (95121208)	0.91944 (95121208)	1.27034 (95121024)	1.83277 (95070824)	1.71830 (95040624)
1600.0	1.46148 (95121208)	1.13764 (95121208)	1.30616 (95121024)	1.80747 (95070824)	1.76848 (95040624)
1500.0	1.55099 (95121208)	1.39956 (95121208)	1.29932 (95121024)	1.73793 (95070824)	1.81500 (95040624)
1400.0	1.54988 (95121208)	1.68370 (95121208)	1.23456 (95121024)	1.61472 (95070824)	1.85580 (95040624)
1300.0	1.43134 (95121208)	1.94306 (95121208)	1.30082 (95121208)	1.64845 (95121024)	1.93131 (95121216)
1200.0	1.27566 (95121308)	2.10282 (95121208)	1.70185 (95121208)	1.79469 (95121024)	2.12536 (95121216)
1100.0	1.54879 (95121308)	2.07477 (95121208)	2.20265 (95121208)	1.87792 (95121024)	2.34120 (95121216)
1000.0	1.56344 (95121308)	1.79458 (95121208)	2.71519 (95121208)	1.84374 (95121024)	2.57622 (95121216)
900.0	1.17208 (95121308)	1.59962 (95121308)	3.04927 (95121208)	1.97786 (95121208)	2.83169 (95121216)
800.0	1.33790 (95031016)	1.56803 (95121308)	2.91543 (95121208)	2.87304 (95121208)	3.06386 (95121216)
700.0	1.60302 (95042516)	1.12379 (95031016)	2.12689 (95121208)	4.02587 (95121208)	3.21418 (95121216)
600.0	1.95430 (95042516)	1.55914 (95042516)	1.29644 (95121308)	4.76406 (95121208)	3.17996 (95121216)
500.0	2.41738 (95042516)	1.91601 (95042516)	1.25697 (95042516)	3.83993 (95121208)	2.80093 (95121216)
400.0	3.01667 (95042516)	2.35398 (95042516)	1.60688 (95042516)	1.32169 (95121208)	4.79372 (95121208)
300.0	3.06705 (95042516)	2.95717 (95042516)	1.88950 (95042516)	0.92762 (95042516)	5.60253 (95121208)
200.0	1.88362 (95042516)	2.39087 (95042516)	2.19894 (95042516)	0.68303 (95042516)	0.73292 (95121208)
100.0	0.83680 (95062724)	0.58040 (95062408)	0.56318 (95042516)	0.40762 (95062616)	0.08531c(95020424)
0.0	0.97688 (95062724)	0.82924 (95062724)	0.48463 (95062724)	0.09899c(95062908)	0.08875c(95061308)
-100.0	0.68646 (95032916)	0.92245 (95052316)	0.86443 (95052316)	0.12525 (95060816)	0.12205c(95060308)
-200.0	2.05285 (95052316)	1.23693 (95052316)	2.00073 (95060516)	2.01047 (95060416)	0.71447 (95062016)
-300.0	1.74630 (95060516)	4.13437 (95060516)	4.96954 (95060416)	3.68251 (95060316)	2.03546 (95062016)
-400.0	5.03785 (95060516)	6.22870 (95060416)	5.94012 (95060316)	3.95724 (95032516)	3.89473 (95101316)
-500.0	6.49477 (95060416)	6.53657 (95060416)	4.59738 (95032516)	3.10565 (95042316)	4.76243 (95101316)
-600.0	7.30722 (95060416)	4.52656 (95060316)	4.72698 (95032516)	4.15286 (95101316)	4.84756 (95101316)
-700.0	4.56224c(95042624)	4.75892 (95032516)	3.25267 (95032516)	4.96076 (95101316)	4.53284 (95101316)
-800.0	3.82366 (95032516)	4.30664 (95032516)	2.99962 (95101316)	5.12243 (95101316)	4.11255 (95080816)
-900.0	4.19993 (95032516)	3.08345 (95032516)	3.71586 (95101316)	4.95211 (95101316)	4.09505 (95100416)
-1000.0	3.63223 (95032516)	2.54876 (95032816)	3.98058 (95101316)	4.61664 (95101316)	4.12768 (95100416)
-1100.0	2.70181 (95032516)	2.56738 (95101316)	3.96010 (95101316)	4.19774 (95101316)	4.00604 (95100416)
-1200.0	2.10880 (95032816)	2.88383 (95101316)	3.80629 (95101316)	3.77000 (95101316)	3.83211 (95100416)
-1300.0	2.16736 (95032816)	2.99150 (95101316)	3.59474 (95101316)	3.36173 (95101316)	3.63344 (95100416)
-1400.0	2.06973 (95101316)	2.96528 (95101316)	3.35961 (95101316)	2.98749 (95101316)	3.58702 (95050724)
-1500.0	2.23383 (95101316)	2.86891 (95101316)	3.11690 (95101316)	2.96689c(95060724)	3.68419 (95050724)
-1600.0	2.28873 (95101316)	2.74122 (95101316)	2.87566 (95101316)	3.02249c(95060724)	3.73661 (95050724)
-1700.0	2.27019 (95101316)	2.60164 (95101316)	2.64197 (95101316)	3.01950c(95060724)	3.75353 (95050724)
-1800.0	2.20970 (95101316)	2.45874 (95101316)	2.41998 (95101316)	2.97175c(95060724)	3.74273 (95050724)
-1900.0	2.12879 (95101316)	2.31617 (95101316)	2.38494c(95060724)	2.89140c(95060724)	3.71060 (95050724)

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 500.00	600.00	700.00	800.00	900.00
2000.0	4.64087 (95082318)	4.66124 (95070521)	4.95021 (95070521)	4.66547 (95080518)	4.73788 (95080318)
1900.0	4.80898 (95082318)	5.14689 (95070521)	4.66568 (95080218)	5.18594 (95080318)	4.43736 (95080318)
1800.0	4.78515 (95082318)	5.37673 (95070521)	5.21894 (95080518)	5.38991 (95080318)	4.06632 (95061318)
1700.0	4.65781 (95070521)	5.27946 (95070521)	5.71126 (95080318)	5.09731 (95080318)	4.14592 (95061318)
1600.0	5.31547 (95070521)	5.70891 (95080518)	6.14023 (95080318)	4.65744 (95061318)	4.42499 (95072221)
1500.0	5.66460 (95070521)	6.28156 (95080518)	5.89793 (95080318)	4.71652 (95061318)	4.76704 (95030406)
1400.0	6.05355 (95080218)	6.96319 (95080318)	5.38152 (95061318)	5.02323 (95030406)	5.68676 (95070221)
1300.0	7.07842 (95080518)	6.85952 (95080318)	5.39427 (95072221)	5.39226 (95070221)	6.19937 (95070221)
1200.0	7.75684 (95080318)	6.26752 (95061318)	5.68341 (95030406)	6.84324 (95070221)	5.71522 (95120403)
1100.0	7.97145 (95080318)	6.16577 (95072221)	6.93563 (95070221)	6.38462 (95082418)	5.74962 (95021124)
1000.0	7.33027 (95061318)	6.80570 (95072118)	7.62852 (95070221)	6.34069 (95021124)	5.38927 (95103018)
900.0	6.92238 (95072221)	8.53525 (95070221)	6.75290 (95021124)	5.78085 (95103018)	5.71267 (95011515)
800.0	8.17175 (95072118)	7.48963 (95091218)	6.12612 (95103018)	6.10964 (95011515)	6.25127 (95030418)
700.0	8.91535 (95082418)	6.33354 (95082118)	6.57694 (95080715)	6.92525 (95030418)	7.03405 (95031812)
600.0	6.97722 (95082118)	7.37940 (95080715)	7.64460 (95031812)	6.95671 (95031812)	7.04817 (95030506)
500.0	8.20769 (95072912)	8.40938 (95031812)	7.17352 (95033118)	7.11037 (95030506)	7.55525 (95040415)
400.0	8.28367 (95031812)	7.82137 (95091615)	8.10999 (95040415)	8.17986 (95040415)	6.01217 (95021121)
300.0	7.83096 (95072315)	8.62174 (95040415)	5.92404 (95021121)	6.16793 (95021121)	5.37995 (95022418)
200.0	6.14680 (95070118)	6.17313 (95081115)	6.09088 (95080418)	5.90965 (95080418)	5.22848 (95080418)
100.0	6.08726 (95080418)	5.26230 (95080418)	4.18566 (95080418)	3.53919 (95071518)	3.39834 (95042012)
0.0	5.97205 (95071518)	6.01479 (95071518)	5.65758 (95071518)	5.15105 (95071518)	4.62065 (95071518)
-100.0	4.67929 (95071515)	3.52997 (95071515)	3.28825 (95091915)	3.19936 (95071518)	3.11788 (95071518)
-200.0	4.41848 (95071515)	4.02091 (95071515)	3.35551 (95071515)	2.81698 (95081418)	2.73973 (95081418)
-300.0	3.88962 (95062215)	3.30177 (95062215)	2.53579 (95062215)	2.37362 (95071515)	2.33012 (95082712)
-400.0	3.96316 (95071418)	3.98626 (95090912)	3.64048 (95090912)	2.86939 (95090912)	2.13618 (95062215)
-500.0	5.11473 (95062218)	3.89829 (95071418)	4.32395 (95090912)	4.02904 (95090912)	3.32849 (95090912)
-600.0	5.75311 (95062218)	4.97599 (95062218)	3.84673 (95090912)	4.21817 (95090912)	3.99761 (95090912)
-700.0	4.62308 (95062218)	5.50560 (95062218)	4.54436 (95062218)	3.72665 (95090112)	4.00255 (95090112)
-800.0	4.57463 (95080818)	4.72503 (95062218)	4.98751 (95062218)	4.03222 (95062218)	3.48628 (95090112)
-900.0	5.29550 (95080818)	3.44041 (95102121)	4.48807 (95062218)	4.40625 (95062218)	3.53582 (95062218)
-1000.0	4.59409 (95080818)	4.52152 (95080818)	3.42626 (95062218)	4.10527 (95062218)	3.85346 (95062218)
-1100.0	4.09058 (95071321)	4.62704 (95080818)	3.52702 (95080818)	3.32721 (95062218)	3.68452 (95062218)
-1200.0	4.32908 (95080821)	3.90447 (95080818)	4.18564 (95080818)	2.76052 (95102121)	3.12754 (95062218)
-1300.0	3.99537 (95080821)	4.13293 (95071321)	4.01799 (95080818)	3.49280 (95080818)	2.46968 (95102121)
-1400.0	3.63718 (95062418)	4.42910 (95080821)	3.53332 (95122115)	3.78195 (95080818)	2.93256 (95061509)
-1500.0	3.27710 (95060621)	4.44742 (95080821)	4.02023 (95071321)	3.49808 (95080818)	3.31480 (95080818)
-1600.0	3.40082 (95060621)	3.91322 (95080821)	4.33977 (95071321)	3.43232 (95122115)	3.38488 (95080818)
-1700.0	3.46433 (95101818)	3.05630 (95080821)	4.54640 (95080821)	3.82887 (95071321)	3.14272 (95122115)
-1800.0	3.56647 (95101818)	2.88775 (95060621)	4.31689 (95080821)	4.21359 (95071321)	3.24725 (95122115)
-1900.0	3.58288 (95101818)	2.98985 (95060621)	3.69690 (95080821)	4.42351 (95080821)	3.59555 (95071321)

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 0.00	100.00	200.00	300.00	400.00
-2000.0	5.49566 (95060121)	4.35051 (95051415)	4.03503 (95092115)	4.14057 (95100418)	3.76248 (95100418)

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 0.00	100.00	200.00	300.00	400.00
2000.0	4.28164 (95061021)	4.67615 (95061021)	4.10881 (95070821)	4.48022 (95070821)	4.38197 (95070721)
1900.0	4.42589 (95061021)	4.74236 (95061021)	4.46667 (95070821)	4.43546 (95070821)	4.69774 (95070721)
1800.0	4.57678 (95061021)	4.79361 (95061021)	4.82984 (95070821)	4.58026 (95112424)	4.91897 (95082318)
1700.0	4.73445 (95061021)	4.82555 (95061021)	5.18214 (95070821)	4.95885 (95112424)	5.51586 (95082318)
1600.0	4.89885 (95061021)	4.88150 (95042418)	5.49830 (95070821)	5.29095 (95112424)	5.97878 (95082318)
1500.0	5.06962 (95061021)	5.21083 (95042418)	5.74194 (95070821)	5.52677 (95112424)	6.18114 (95082318)
1400.0	5.41688 (95030912)	5.55112 (95042418)	5.86404 (95070821)	6.15937 (95082318)	5.98242 (95082318)
1300.0	5.89336 (95030912)	5.89062 (95042418)	5.80404 (95070821)	7.18277 (95082318)	5.80779 (95032215)
1200.0	6.43449 (95030912)	6.20870 (95042418)	6.24063 (95112424)	7.94306 (95082318)	6.37810 (95032215)
1100.0	7.05002 (95030912)	6.47074 (95042418)	6.76387 (95112424)	8.09056 (95082318)	7.51676 (95080518)
1000.0	7.74977 (95030912)	6.62097 (95042418)	7.44590 (95021306)	7.25384 (95082318)	8.64381 (95080518)
900.0	8.53364 (95030912)	7.03245 (95070821)	9.25927 (95082318)	7.24078 (95080218)	9.09120 (95080318)
800.0	9.34865 (95030912)	7.21150 (95070821)	10.37431 (95082318)	9.14465 (95080518)	8.41608 (95061318)
700.0	10.11782 (95030912)	7.63832 (95010718)	9.76229 (95011403)	9.19593 (95080318)	7.82556 (95072118)
600.0	10.67656 (95030912)	7.98574 (95082315)	9.48012 (95030915)	8.70961 (95061318)	9.37265 (95070221)
500.0	10.70336 (95030912)	9.34298 (95021306)	8.95085 (95080115)	8.35472 (95072118)	7.95185 (95091218)
400.0	9.65035 (95030912)	10.14023 (95011403)	8.08979 (95080115)	7.84202 (95101718)	9.80595 (95072912)
300.0	6.64150 (95080615)	10.90780 (95030915)	7.29655 (95061115)	10.83196 (95072912)	7.86278 (95072215)
200.0	3.54032c(95072815)	5.03151 (95070615)	8.50168 (95072912)	8.29127 (95072215)	7.24558 (95070118)
100.0	0.26398c(95072815)	1.03474 (95072418)	2.98093 (95072215)	5.12514 (95080415)	5.72068 (95080415)
0.0	0.00000 (0)	0.13348 (95032406)	0.56034 (95070515)	3.23619 (95071518)	5.13420 (95071518)
-100.0	0.24044 (95051124)	0.13979c(95111109)	1.43101 (95072612)	4.72272 (95071515)	5.45272 (95071515)
-200.0	3.12918 (95052312)	1.96430 (95062315)	3.98524 (95070115)	3.63622 (95072312)	3.97949 (95071515)
-300.0	8.48444 (95052312)	5.79983 (95062315)	4.40409 (95070115)	5.44776 (95070115)	4.19558 (95072312)
-400.0	10.31708 (95052312)	6.95902 (95071315)	5.83693 (95062315)	4.77839 (95070115)	4.59497 (95062218)
-500.0	10.14743 (95052312)	8.63884 (95071315)	6.37639 (95062315)	5.39366 (95080818)	5.35154 (95062218)
-600.0	9.97361 (95052118)	8.57831 (95071315)	5.82586 (95062315)	6.01453 (95080818)	3.91649 (95062218)
-700.0	10.27456 (95052118)	7.71917 (95071315)	6.53432 (95100321)	4.77559 (95071318)	5.71201 (95080818)
-800.0	10.08912 (95052118)	6.73004 (95101218)	5.72404 (95071315)	4.50929 (95062418)	5.36693 (95080818)
-900.0	9.64005 (95052118)	6.73450 (95101218)	5.81236 (95100418)	4.92663 (95100321)	4.22080 (95062418)
-1000.0	9.17161 (95052018)	6.46197 (95101218)	6.51473 (95100418)	5.49269 (95100321)	4.50768 (95062418)
-1100.0	8.60802 (95052018)	6.01476 (95101218)	6.67275 (95100418)	5.10783 (95100321)	4.30886 (95062418)
-1200.0	8.14777 (95053018)	5.55576 (95101218)	6.50761 (95100418)	4.83115 (95101818)	3.88711 (95100321)
-1300.0	7.69768 (95053018)	5.11558 (95101218)	6.14552 (95100418)	4.68391 (95101818)	4.25467 (95100321)
-1400.0	7.26622 (95053018)	4.97666 (95051318)	5.68153 (95100418)	4.83547 (95100418)	4.14547 (95100321)
-1500.0	6.85821 (95053018)	4.85673 (95051318)	5.37865 (95092115)	4.97635 (95100418)	4.21622 (95101818)
-1600.0	6.47569 (95053018)	4.77021 (95051415)	5.13344 (95092115)	4.96681 (95100418)	4.18708 (95101818)
-1700.0	6.11895 (95053018)	4.69383 (95051415)	4.86435 (95092115)	4.84705 (95100418)	4.08523 (95101818)
-1800.0	5.78734 (95053018)	4.59352 (95051415)	4.58554 (95092115)	4.65188 (95100418)	3.93898 (95101818)
-1900.0	5.61641 (95060121)	4.47712 (95051415)	4.30688 (95092115)	4.40926 (95100418)	3.76056 (95101818)

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	-500.00	-400.00	-300.00	-200.00	-100.00
-2000.0	4.92726 (95041818)	4.08462 (95041818)	3.44167 (95060721)	4.65021 (95060721)	4.59757 (95102212)

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 2000.00
2000.0	6.14638 (95122708)
1900.0	6.76027 (95102819)
1800.0	6.36095 (95102819)
1700.0	6.52930 (95080120)
1600.0	5.81143 (95080120)
1500.0	5.68000 (95082219)
1400.0	5.55101 (95081321)
1300.0	6.01495 (95112318)
1200.0	6.03381 (95021019)
1100.0	6.13335 (95101919)
1000.0	5.70074 (95022019)
900.0	5.59815 (95111618)
800.0	6.31130 (95012014)
700.0	6.69069 (95012014)
600.0	5.94887 (95071820)
500.0	5.97843 (95101419)
400.0	5.25845 (95041020)
300.0	5.28186 (95120121)
200.0	5.51732 (95113022)
100.0	4.96488 (95091418)
0.0	5.79308 (95081120)
-100.0	5.57662 (95060921)
-200.0	5.42153 (95110419)
-300.0	5.59649 (95103019)
-400.0	5.53012 (95020519)
-500.0	5.65914 (95093018)
-600.0	5.02653 (95093018)
-700.0	4.94925 (95071521)
-800.0	5.10125 (95011708)
-900.0	5.09496 (95121910)
-1000.0	5.58696 (95120904)
-1100.0	5.46092 (95062421)
-1200.0	5.78571 (95122618)
-1300.0	6.03119 (95062121)
-1400.0	6.09376 (95062121)
-1500.0	5.61939 (95062422)
-1600.0	6.99122 (95091819)
-1700.0	6.28107 (95091819)
-1800.0	5.20409 (95030921)
-1900.0	6.42026 (95101008)

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 1500.00	1600.00	1700.00	1800.00	1900.00
-2000.0	5.90000 (95032420)	6.24124 (95111818)	5.78938 (95102721)	6.28996 (95102720)	5.91560 (95030518)

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 1500.00	1600.00	1700.00	1800.00	1900.00
2000.0	6.74187 (95011508)	6.88476 (95062621)	6.20732 (95103021)	6.01624 (95103021)	6.28760 (95061905)
1900.0	6.52494 (95062621)	6.30602 (95062621)	6.03556 (95103021)	6.16661 (95061905)	6.04877 (95122708)
1800.0	6.35095 (95062621)	6.01193 (95103021)	6.01727 (95061905)	5.92864 (95122708)	6.64338 (95102819)
1700.0	5.93440 (95103021)	5.83649 (95061905)	5.78376 (95122708)	6.49571 (95102819)	6.05919 (95102819)
1600.0	5.66162 (95091719)	5.65671 (95090719)	6.31364 (95102819)	5.70742 (95102819)	6.52578 (95080120)
1500.0	5.67719 (95081419)	6.09334 (95102819)	5.58563 (95080120)	6.42796 (95080120)	5.63181 (95090120)
1400.0	5.83095 (95102819)	5.70270 (95080120)	6.21220 (95080120)	5.43574 (95082219)	5.67838 (95113019)
1300.0	5.86929 (95062519)	5.85492 (95080120)	5.65040 (95082219)	5.64807 (95113019)	5.46476 (95012522)
1200.0	5.55329 (95090120)	5.66690 (95082219)	5.48019 (95072419)	5.63952 (95112318)	5.70116 (95112318)
1100.0	5.81477 (95071118)	5.81221 (95083018)	5.64790 (95112318)	5.71139 (95080418)	5.63087 (95101919)
1000.0	6.20635 (95083018)	6.06344 (95080418)	6.01431 (95080418)	5.91332 (95101919)	5.50097 (95022019)
900.0	6.64250 (95080418)	5.93048 (95090718)	5.60812 (95092415)	5.52590 (95022019)	5.69328 (95111618)
800.0	6.15771 (95092415)	6.11054 (95092415)	6.18493 (95081318)	5.90607 (95070417)	6.07407 (95012014)
700.0	6.74379 (95081318)	6.48567 (95070417)	6.94702 (95012014)	7.11543 (95012014)	7.00558 (95012014)
600.0	7.93871 (95012014)	7.98195 (95012014)	7.66718 (95012014)	7.12019 (95012014)	6.44947 (95012014)
500.0	8.14886 (95012014)	7.30703 (95012014)	6.38196 (95012014)	5.59238 (95071820)	5.63316 (95101419)
400.0	6.03206 (95042003)	5.65801 (95042003)	5.57147 (95071519)	5.48290 (95071519)	5.32447 (95041020)
300.0	6.13065 (95042018)	5.68616 (95031418)	5.61530 (95060519)	5.57220 (95060519)	5.41081 (95060519)
200.0	5.84948 (95060519)	5.35695 (95060519)	5.22716 (95083019)	5.35314 (95072620)	5.41005 (95072620)
100.0	6.11187 (95022817)	5.86073 (95022817)	5.59461 (95022817)	5.32444 (95022817)	5.09126 (95091418)
0.0	5.67362 (95020718)	5.51177 (95020718)	5.34101 (95020718)	5.46820 (95081120)	5.64376 (95081120)
-100.0	5.56787 (95100317)	5.58806 (95100317)	5.55880 (95100317)	5.49212 (95100317)	5.43465 (95060921)
-200.0	5.01816 (95062318)	5.05767 (95072420)	5.26263 (95072420)	5.34130 (95072420)	5.31832 (95072420)
-300.0	5.27653 (95062318)	5.04380 (95062318)	5.02423 (95020717)	5.07193 (95020717)	5.20546 (95103019)
-400.0	4.75243 (95101917)	4.92015 (95072920)	5.11210 (95072920)	5.17293 (95020519)	5.49555 (95020519)
-500.0	5.73334 (95121124)	5.52214 (95121124)	4.95011 (95121124)	5.48989 (95093018)	5.79423 (95093018)
-600.0	4.29826 (95121910)	4.39726 (95121124)	4.98969 (95121124)	5.16744 (95121124)	4.99016 (95121124)
-700.0	5.05240 (95121910)	5.00146 (95121910)	4.68265 (95121910)	4.90412 (95011708)	4.92316 (95011708)
-800.0	5.32710 (95062421)	4.98622 (95121910)	5.20977 (95121910)	5.13515 (95121910)	4.83485 (95121910)
-900.0	4.78886 (95080718)	4.90027 (95062421)	5.59248 (95062421)	5.33096 (95113007)	5.40387 (95113007)
-1000.0	5.40588 (95080718)	5.28739 (95111204)	5.14500 (95122618)	5.28078 (95062421)	5.67567 (95062421)
-1100.0	5.13049 (95091419)	5.68175 (95091419)	5.35632 (95062121)	5.52361 (95111204)	5.29970 (95122618)
-1200.0	5.82859 (95091819)	4.92869 (95062422)	5.86143 (95091419)	6.01071 (95062121)	5.75790 (95111204)
-1300.0	4.80569 (95091819)	6.21544 (95091819)	5.41799 (95091819)	5.66451 (95091419)	6.23125 (95062121)
-1400.0	5.15255 (95101008)	4.98555 (95030921)	6.40036 (95091819)	6.10605 (95091819)	5.23926 (95091419)
-1500.0	5.38357 (95032319)	5.47579 (95101008)	5.12456 (95030921)	6.45346 (95091819)	6.62866 (95091819)
-1600.0	5.47635 (95102720)	5.58446 (95032319)	5.76223 (95101008)	5.19921 (95030921)	6.40487 (95091819)
-1700.0	5.91224 (95102720)	5.57059 (95030518)	5.75636 (95032319)	6.01365 (95101008)	5.22209 (95030921)
-1800.0	5.80938 (95111818)	6.09776 (95102720)	5.71818 (95030518)	5.90140 (95032319)	6.23222 (95101008)
-1900.0	5.94909 (95111818)	5.73291 (95111818)	6.22026 (95102720)	5.83177 (95030518)	6.02181 (95032319)

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 0.00	100.00	200.00	300.00	400.00
-2000.0	5.64841 (95053020)	5.81844 (95092116)	5.48103 (95092113)	5.19882 (95092115)	5.56757 (95091306)

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 0.00	100.00	200.00	300.00	400.00
2000.0	5.33241 (95070817)	5.69311 (95072819)	5.64551 (95070622)	5.38317 (95082020)	5.70337 (95111318)
1900.0	5.61398 (95070817)	5.97685 (95072819)	5.71476 (95071919)	5.66490 (95061217)	5.67198 (95111318)
1800.0	5.91555 (95070817)	6.26628 (95072819)	6.04806 (95071919)	5.91030 (95061217)	5.86183 (95081018)
1700.0	6.23787 (95070817)	6.55559 (95072819)	6.34746 (95071919)	6.07931 (95072820)	6.16958 (95070719)
1600.0	6.58115 (95070817)	6.83590 (95072819)	6.58436 (95071919)	6.12853 (95072820)	6.68231 (95080118)
1500.0	6.94473 (95070817)	7.09403 (95072819)	6.87170 (95070820)	6.53788 (95082314)	7.15793 (95080118)
1400.0	7.32652 (95070817)	7.36226 (95070718)	7.35704 (95080617)	7.13711 (95082115)	7.18275 (95080118)
1300.0	7.82748 (95080614)	7.83507 (95082319)	7.72919 (95080617)	7.85431 (95082115)	7.63256 (95090117)
1200.0	8.42543 (95080614)	8.31950 (95082319)	8.06200 (95061217)	8.49191 (95072818)	8.28472 (95082018)
1100.0	9.07562 (95080614)	8.71847 (95082319)	8.70965 (95082315)	8.95293 (95090116)	8.81205 (95080517)
1000.0	9.77236 (95080614)	9.53531 (95082415)	9.48376 (95082314)	9.11810 (95082514)	10.07676 (95101111)
900.0	10.41777 (95080614)	10.22180 (95082415)	10.31466 (95082115)	9.90547 (95080915)	9.76801 (95072817)
800.0	10.94159 (95080614)	10.46196 (95080617)	10.57314 (95082318)	10.62524 (95080517)	10.60499 (95080515)
700.0	11.19321 (95080614)	10.97259 (95070914)	11.25710 (95082318)	11.23683 (95080616)	12.51729 (95120117)
600.0	11.58986 (95010914)	11.80131 (95082315)	11.95784 (95091517)	11.49682 (95082716)	13.06012 (95120117)
500.0	12.53732 (95121212)	12.61273 (95032005)	12.48888 (95090315)	11.94782 (95120117)	11.45992 (95081515)
400.0	13.33527 (95082312)	14.68190 (95030913)	13.47307 (95121214)	12.20675 (95080514)	11.25136 (95082814)
300.0	12.87577 (95081012)	12.99944 (95070714)	13.53389 (95082714)	12.63264 (95072912)	11.28235 (95070214)
200.0	10.62095 (95072815)	8.76109 (95070613)	12.54049 (95072912)	11.18051 (95070214)	11.35560 (95070116)
100.0	0.79195 (95072815)	2.78642 (95072416)	7.03463 (95080513)	7.86228 (95080415)	10.98039 (95090314)
0.0	0.00000 (0)	0.27393 (95120805)	1.68101 (95070513)	5.88623 (95070513)	7.86796 (95080313)
-100.0	0.28836 (95051901)	0.30915 (95101008)	3.18778 (95071413)	8.17788 (95071514)	8.44582 (95071514)
-200.0	6.69414 (95073013)	3.20960 (95062313)	6.54373 (95070114)	8.66688 (95080212)	8.84365 (95062916)
-300.0	11.65922 (95052311)	6.98228 (95062314)	8.57052 (95062816)	8.09851 (95070115)	7.83988 (95062214)
-400.0	12.71335 (95060117)	8.87655 (95062813)	10.15759 (95062815)	8.13238 (95062816)	8.27940 (95071417)
-500.0	11.89311 (95060117)	9.72161 (95071313)	8.47093 (95080816)	10.59663 (95062816)	7.35218 (95070115)
-600.0	10.72852 (95053016)	9.44831 (95051320)	8.60199 (95040915)	9.81004 (95062815)	9.32054 (95062816)
-700.0	10.91431 (95053016)	9.18743 (95071315)	9.90050 (95100321)	8.63551 (95092016)	8.46462 (95062815)
-800.0	10.61450 (95053016)	8.96476 (95101216)	9.29010 (95060713)	7.21933 (95062417)	7.94992 (95080817)
-900.0	10.06624 (95053016)	8.51024 (95101218)	9.13864 (95092114)	8.75454 (95081821)	7.67644 (95092016)
-1000.0	9.41302 (95053016)	8.47450 (95092113)	8.90358 (95092114)	8.92253 (95081821)	7.11842 (95062417)
-1100.0	8.85358 (95060118)	8.36152 (95092113)	7.89698 (95092114)	7.79577 (95100320)	6.43850 (95062417)
-1200.0	8.38872 (95060118)	8.06367 (95092113)	7.28211 (95051320)	8.04409 (95062817)	7.34198 (95081821)
-1300.0	7.92953 (95060118)	7.66379 (95092113)	7.27237 (95100416)	7.97817 (95062817)	7.42610 (95081821)
-1400.0	7.48725 (95060118)	7.23396 (95073019)	7.02945 (95100416)	7.41960 (95092114)	6.74444 (95081821)
-1500.0	7.07142 (95053017)	6.98380 (95073019)	6.94240 (95092115)	6.93132 (95092114)	6.64031 (95100116)
-1600.0	6.71213 (95053017)	6.69955 (95073019)	6.74588 (95092115)	6.25420 (95092114)	6.58704 (95062817)
-1700.0	6.39302 (95062819)	6.48931 (95092116)	6.45485 (95092115)	5.51073 (95092114)	6.50653 (95062817)
-1800.0	6.12574 (95053118)	6.27639 (95092116)	6.10920 (95092115)	5.22821 (95100416)	6.16365 (95062817)
-1900.0	5.87453 (95053118)	6.05025 (95092116)	5.73758 (95092115)	5.18355 (95100416)	5.67824 (95092114)

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	-500.00	-400.00	-300.00	-200.00	-100.00
-2000.0	5.01232 (95041816)	5.70338 (95062605)	5.32683 (95112710)	6.43537 (95112710)	6.04842 (95112710)

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) -500.00	-400.00	-300.00	-200.00	-100.00
2000.0	5.01083 (95061101)	5.79491 (95070523)	5.53410 (95111918)	4.90096 (95011111)	5.19686 (95021318)
1900.0	5.24430 (95061101)	5.42862 (95070523)	5.10957 (95111918)	5.11249 (95011111)	5.42475 (95070919)
1800.0	5.13326 (95022623)	4.78929 (95070523)	5.02684 (95121020)	5.45530 (95041717)	5.76550 (95070919)
1700.0	5.52957 (95010912)	5.32224 (95121304)	5.38297 (95121020)	5.78434 (95041717)	6.12231 (95070919)
1600.0	5.76754 (95010912)	5.71765 (95121304)	5.63410 (95121020)	6.06895 (95041717)	6.48970 (95070919)
1500.0	5.56336 (95010912)	5.83775 (95121304)	5.71235 (95121020)	6.27326 (95041717)	6.85820 (95070919)
1400.0	6.03009 (95011018)	5.97682 (95010912)	5.65819 (95121304)	6.60178 (95040620)	7.21238 (95070919)
1300.0	5.98423 (95011018)	6.36620 (95010912)	6.51772 (95121304)	6.88039 (95030908)	7.52801 (95070919)
1200.0	6.34319 (95121302)	6.07008 (95010912)	7.08281 (95121304)	7.31311 (95121020)	7.76821 (95070919)
1100.0	6.98417 (95121302)	6.45986 (95011018)	7.04106 (95121304)	7.82536 (95121020)	7.87881 (95070919)
1000.0	6.52698 (95121305)	6.30531 (95121302)	6.80343 (95121204)	7.87354 (95121020)	8.37133 (95121203)
900.0	6.19641 (95031014)	7.54994 (95121302)	7.56997 (95121205)	8.35771 (95121210)	9.00807 (95121203)
800.0	8.55168 (95031014)	6.29944 (95121305)	7.84059 (95121206)	9.02938 (95121210)	9.54277 (95121209)
700.0	8.23158 (95010910)	7.55816 (95031014)	9.11021 (95121206)	10.30198 (95121204)	10.05001 (95121209)
600.0	8.42399 (95031015)	8.05125 (95042515)	5.74163 (95121206)	11.44250 (95121205)	9.48433 (95062716)
500.0	8.03889 (95042513)	8.07395 (95031015)	7.74048 (95042515)	12.79822 (95121206)	10.82134 (95121210)
400.0	7.96135 (95042516)	7.97712 (95042513)	6.33461 (95042515)	7.73425 (95121206)	13.54030 (95121207)
300.0	10.35323 (95062616)	8.73240 (95042512)	6.39425 (95042513)	5.05335 (95042515)	13.28262 (95121207)
200.0	6.99186 (95042514)	10.75706 (95062616)	8.18510 (95062616)	2.23471 (95042513)	4.05544 (95121206)
100.0	4.95853 (95062717)	4.12413 (95062407)	2.56842 (95062616)	3.26097 (95062616)	0.30648 (95111008)
0.0	7.77902 (95062717)	6.59685 (95062717)	3.85878 (95062717)	0.47109 (95062717)	0.28880 (95062903)
-100.0	5.48776 (95032916)	5.05554 (95032615)	3.87605 (95032615)	1.00196 (95060811)	0.30233 (95102803)
-200.0	8.36002 (95052315)	6.47902 (95060811)	5.83294 (95060811)	5.27761 (95060316)	2.83250 (95071511)
-300.0	7.20540 (95032715)	7.25248 (95042111)	9.34790 (95060411)	7.86715 (95062011)	6.81241 (95081813)
-400.0	8.21151 (95042111)	9.85524 (95060411)	10.16502 (95060216)	8.83138 (95060610)	10.57564 (95060615)
-500.0	9.91534 (95060418)	11.07930 (95060413)	9.04500 (95041612)	9.15546 (95032815)	10.27887 (95060615)
-600.0	10.54843 (95060413)	10.10913 (95042617)	8.40722 (95060610)	8.86954 (95042112)	9.43109 (95101312)
-700.0	9.30188 (95042618)	9.58699 (95101317)	8.06569 (95102115)	8.58064 (95101811)	8.36077 (95060711)
-800.0	8.60704 (95101318)	7.90295 (95032513)	7.71721 (95062016)	8.95304 (95102213)	9.12331 (95060714)
-900.0	8.76250 (95101317)	7.81180 (95032913)	9.11740 (95101316)	8.50814 (95101315)	9.10161 (95060714)
-1000.0	7.33037 (95032513)	7.45933 (95032913)	8.39321 (95101316)	8.88391 (95101315)	8.72374 (95101813)
-1100.0	6.90442 (95032913)	7.30685 (95101316)	7.51520 (95102213)	8.37191 (95101315)	8.40748 (95101813)
-1200.0	7.05867 (95032913)	7.86289 (95101316)	7.47778 (95102213)	7.52451 (95100413)	7.98684 (95092022)
-1300.0	6.64493 (95032812)	7.30360 (95101316)	6.81505 (95102213)	7.20577 (95100413)	7.54721 (95092022)
-1400.0	6.40006 (95032816)	6.71900 (95040216)	6.89140 (95101315)	6.89549 (95101314)	7.07126 (95092022)
-1500.0	6.58770 (95101316)	6.20608 (95040216)	6.77692 (95101315)	6.77330 (95101314)	6.59137 (95092022)
-1600.0	6.19659 (95101316)	5.94668 (95041818)	6.40502 (95101315)	6.51862 (95101314)	6.43049 (95112710)
-1700.0	5.84469 (95040216)	5.64284 (95041817)	5.88685 (95101315)	6.38036 (95112710)	6.40447 (95112710)
-1800.0	5.58823 (95040216)	5.41792 (95041817)	5.55784 (95102114)	6.46663 (95112710)	6.32311 (95112710)
-1900.0	5.12124 (95082306)	5.67198 (95062605)	5.27637 (95100413)	6.47989 (95112710)	6.20049 (95112710)

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)								
	-200.00	-100.00	0.00	100.00	200.00	300.00	400.00	500.00	600.00
-2000.00	0.19341	0.29026	0.38099	0.29619	0.19107	0.13256	0.10606	0.09423	0.08612

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)								
	-200.00	-100.00	0.00	100.00	200.00	300.00	400.00	500.00	600.00
2000.00	0.03728	0.05156	0.06899	0.07919	0.09380	0.11976	0.14366	0.15981	0.17134
1900.00	0.03731	0.05195	0.07074	0.08248	0.09972	0.12922	0.15349	0.17027	0.18086
1800.00	0.03723	0.05230	0.07264	0.08619	0.10665	0.13964	0.16435	0.18119	0.19073
1700.00	0.03700	0.05259	0.07468	0.09039	0.11482	0.15116	0.17643	0.19262	0.20198
1600.00	0.03657	0.05279	0.07690	0.09518	0.12449	0.16393	0.18966	0.20458	0.21585
1500.00	0.03588	0.05285	0.07929	0.10069	0.13591	0.17816	0.20386	0.21745	0.23320
1400.00	0.03489	0.05273	0.08187	0.10709	0.14939	0.19406	0.21879	0.23240	0.25402
1300.00	0.03355	0.05234	0.08465	0.11459	0.16522	0.21167	0.23443	0.25115	0.27839
1200.00	0.03186	0.05161	0.08760	0.12348	0.18367	0.23074	0.25134	0.27453	0.30568
1100.00	0.02984	0.05041	0.09071	0.13418	0.20499	0.25071	0.27129	0.30246	0.33490
1000.00	0.02758	0.04859	0.09390	0.14722	0.22923	0.27112	0.29658	0.33439	0.36572
900.00	0.02479	0.04518	0.09555	0.16110	0.25313	0.29037	0.32693	0.36915	0.38651
800.00	0.02188	0.04068	0.09623	0.17715	0.27475	0.30952	0.35719	0.39818	0.38051
700.00	0.01905	0.03509	0.09524	0.19502	0.29014	0.33074	0.38658	0.39858	0.35151
600.00	0.01622	0.02861	0.09140	0.21232	0.29561	0.35075	0.39863	0.36278	0.31792
500.00	0.01285	0.02197	0.08337	0.22210	0.29083	0.36108	0.36042	0.31626	0.27045
400.00	0.00813	0.01643	0.06958	0.20893	0.27318	0.32588	0.29673	0.25603	0.22896
300.00	0.00563	0.01020	0.04166	0.14208	0.22770	0.24253	0.22146	0.20545	0.18102
200.00	0.00380	0.00256	0.01158	0.04351	0.11010	0.14937	0.15344	0.14467	0.13213
100.00	0.00540	0.00240	0.00186	0.00542	0.02629	0.06501	0.08268	0.08455	0.08105
0.00	0.00389	0.00267	0.00000	0.00106	0.00430	0.02481	0.04490	0.05415	0.05732
-100.00	0.00376	0.00304	0.00382	0.00155	0.00790	0.02525	0.03771	0.04385	0.04633
-200.00	0.03051	0.01327	0.02921	0.01307	0.02385	0.04143	0.04634	0.04662	0.04523
-300.00	0.08130	0.07255	0.15250	0.07151	0.05670	0.05814	0.05894	0.05674	0.05152
-400.00	0.10432	0.14462	0.28530	0.13846	0.08951	0.07356	0.07034	0.06435	0.06023
-500.00	0.12987	0.19212	0.35779	0.18302	0.11755	0.08914	0.07716	0.07247	0.06464
-600.00	0.15125	0.22393	0.40050	0.21244	0.13870	0.10343	0.08378	0.07605	0.07129
-700.00	0.16538	0.24655	0.42463	0.23424	0.15269	0.11403	0.09269	0.07910	0.07348
-800.00	0.17466	0.26412	0.43777	0.25241	0.16102	0.12298	0.10034	0.08404	0.07494
-900.00	0.18106	0.27798	0.44439	0.26774	0.16604	0.12993	0.10532	0.09002	0.07712
-1000.00	0.18548	0.28852	0.44674	0.28023	0.16943	0.13402	0.10915	0.09358	0.08062
-1100.00	0.18773	0.29363	0.44091	0.28742	0.17156	0.13540	0.11201	0.09498	0.08429
-1200.00	0.18930	0.29661	0.43417	0.29239	0.17372	0.13523	0.11380	0.09643	0.08573
-1300.00	0.19043	0.29799	0.42702	0.29562	0.17600	0.13425	0.11442	0.09772	0.08548
-1400.00	0.19127	0.29824	0.41980	0.29754	0.17840	0.13308	0.11406	0.09863	0.08573
-1500.00	0.19193	0.29771	0.41268	0.29851	0.18085	0.13212	0.11301	0.09905	0.08632
-1600.00	0.19246	0.29667	0.40579	0.29879	0.18326	0.13153	0.11154	0.09884	0.08684
-1700.00	0.19289	0.29529	0.39917	0.29857	0.18555	0.13132	0.10991	0.09812	0.08724
-1800.00	0.19319	0.29372	0.39283	0.29801	0.18764	0.13146	0.10837	0.09706	0.08733
-1900.00	0.19337	0.29202	0.38678	0.29720	0.18950	0.13191	0.10709	0.09577	0.08699

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)								
	-1100.00	-1000.00	-900.00	-800.00	-700.00	-600.00	-500.00	-400.00	-300.00
-2000.00	0.08415	0.08259	0.08670	0.09159	0.09340	0.09945	0.11105	0.12343	0.14426

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)								
	-1100.00	-1000.00	-900.00	-800.00	-700.00	-600.00	-500.00	-400.00	-300.00
2000.00	0.01941	0.01912	0.02324	0.02316	0.02051	0.02120	0.02378	0.02578	0.03032
1900.00	0.02113	0.01849	0.02111	0.02379	0.02117	0.02067	0.02315	0.02550	0.02991
1800.00	0.02239	0.01949	0.01903	0.02306	0.02210	0.02030	0.02228	0.02508	0.02934
1700.00	0.02265	0.02111	0.01829	0.02087	0.02279	0.02033	0.02135	0.02449	0.02864
1600.00	0.02316	0.02184	0.01924	0.01857	0.02233	0.02081	0.02050	0.02366	0.02784
1500.00	0.02428	0.02201	0.02054	0.01780	0.02032	0.02145	0.01992	0.02260	0.02693
1400.00	0.02418	0.02303	0.02092	0.01874	0.01795	0.02132	0.01976	0.02141	0.02590
1300.00	0.02339	0.02347	0.02155	0.01968	0.01716	0.01956	0.02002	0.02024	0.02470
1200.00	0.02528	0.02256	0.02247	0.02003	0.01799	0.01714	0.02004	0.01931	0.02327
1100.00	0.02868	0.02375	0.02173	0.02109	0.01857	0.01631	0.01856	0.01882	0.02165
1000.00	0.02974	0.02700	0.02220	0.02084	0.01934	0.01695	0.01608	0.01857	0.01997
900.00	0.03182	0.02823	0.02521	0.02065	0.01975	0.01745	0.01518	0.01723	0.01831
800.00	0.03504	0.03066	0.02666	0.02332	0.01910	0.01828	0.01537	0.01432	0.01684
700.00	0.03830	0.03393	0.02939	0.02503	0.02127	0.01719	0.01571	0.01297	0.01492
600.00	0.04712	0.03801	0.03254	0.02797	0.02288	0.01846	0.01493	0.01289	0.01164
500.00	0.04699	0.04560	0.03919	0.03073	0.02552	0.02030	0.01552	0.01240	0.00997
400.00	0.04435	0.04145	0.03949	0.03671	0.02942	0.02273	0.01742	0.01219	0.00938
300.00	0.04705	0.04265	0.03768	0.03287	0.02947	0.02641	0.01977	0.01428	0.00880
200.00	0.04552	0.04283	0.03868	0.03359	0.02814	0.02283	0.01891	0.01633	0.01081
100.00	0.03884	0.03658	0.03326	0.02958	0.02568	0.02143	0.01726	0.01317	0.00809
0.00	0.03488	0.03243	0.02920	0.02581	0.02231	0.01856	0.01490	0.01142	0.00612
-100.00	0.03216	0.03019	0.02753	0.02468	0.02176	0.01875	0.01588	0.01341	0.00879
-200.00	0.03275	0.03132	0.02930	0.02743	0.02666	0.02660	0.02593	0.02523	0.02650
-300.00	0.03404	0.03487	0.03583	0.03618	0.03640	0.03778	0.04111	0.05174	0.08364
-400.00	0.04078	0.04130	0.04208	0.04418	0.04835	0.05399	0.07216	0.10881	0.12062
-500.00	0.04397	0.04653	0.05119	0.05586	0.06375	0.08632	0.12033	0.13678	0.12767
-600.00	0.05103	0.05544	0.06057	0.07128	0.09531	0.12423	0.14070	0.13847	0.12887
-700.00	0.05791	0.06346	0.07611	0.09991	0.12425	0.13894	0.13980	0.13411	0.13450
-800.00	0.06559	0.07951	0.10123	0.12092	0.13408	0.13706	0.13548	0.12895	0.14110
-900.00	0.08181	0.10106	0.11681	0.12773	0.13161	0.13148	0.12840	0.12885	0.14562
-1000.00	0.10001	0.11258	0.12150	0.12600	0.12525	0.12559	0.12141	0.13009	0.14834
-1100.00	0.10848	0.11569	0.12057	0.11922	0.12059	0.11812	0.11890	0.12993	0.14976
-1200.00	0.11042	0.11548	0.11400	0.11452	0.11488	0.11173	0.11865	0.12911	0.15051
-1300.00	0.11076	0.10963	0.10860	0.11052	0.10828	0.10909	0.11749	0.12842	0.15056
-1400.00	0.10594	0.10352	0.10544	0.10534	0.10279	0.10871	0.11555	0.12808	0.15004
-1500.00	0.09945	0.10024	0.10178	0.09971	0.10045	0.10768	0.11372	0.12791	0.14918
-1600.00	0.09547	0.09775	0.09726	0.09509	0.10028	0.10562	0.11246	0.12761	0.14816
-1700.00	0.09343	0.09440	0.09248	0.09313	0.09974	0.10337	0.11180	0.12700	0.14711
-1800.00	0.09094	0.09035	0.08857	0.09318	0.09804	0.10152	0.11157	0.12604	0.14608
-1900.00	0.08772	0.08608	0.08671	0.09299	0.09573	0.10028	0.11147	0.12485	0.14514

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)								
	-2000.00	-1900.00	-1800.00	-1700.00	-1600.00	-1500.00	-1400.00	-1300.00	-1200.00
-2000.00	0.08090	0.08168	0.08487	0.08814	0.08692	0.08294	0.08139	0.08343	0.08483

**MODELOPTs: CONC RURAL FLAT DFAULT

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STACK1 ,

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)								
	-2000.00	-1900.00	-1800.00	-1700.00	-1600.00	-1500.00	-1400.00	-1300.00	-1200.00
2000.00	0.03641	0.03285	0.02819	0.02571	0.02587	0.02597	0.02445	0.02334	0.02250
1900.00	0.03731	0.03610	0.03234	0.02764	0.02553	0.02588	0.02560	0.02378	0.02303
1800.00	0.03735	0.03699	0.03570	0.03174	0.02705	0.02536	0.02581	0.02501	0.02318
1700.00	0.03876	0.03713	0.03660	0.03521	0.03105	0.02643	0.02520	0.02561	0.02420
1600.00	0.04155	0.03881	0.03686	0.03612	0.03462	0.03026	0.02579	0.02504	0.02520
1500.00	0.04464	0.04176	0.03883	0.03654	0.03554	0.03392	0.02937	0.02512	0.02471
1400.00	0.04817	0.04502	0.04193	0.03881	0.03617	0.03487	0.03305	0.02816	0.02424
1300.00	0.05110	0.04867	0.04541	0.04205	0.03875	0.03571	0.03384	0.03172	0.02676
1200.00	0.05526	0.05141	0.04896	0.04578	0.04214	0.03836	0.03483	0.03256	0.03026
1100.00	0.06720	0.05877	0.05236	0.04904	0.04579	0.04167	0.03767	0.03390	0.03119
1000.00	0.07223	0.07051	0.06359	0.05474	0.04874	0.04518	0.04113	0.03688	0.03289
900.00	0.06623	0.06817	0.06962	0.06665	0.05823	0.04938	0.04433	0.04044	0.03601
800.00	0.06214	0.06267	0.06344	0.06443	0.06487	0.06097	0.05185	0.04387	0.03945
700.00	0.06222	0.06080	0.05964	0.05905	0.05894	0.05935	0.05923	0.05443	0.04501
600.00	0.06544	0.06354	0.06102	0.05839	0.05611	0.05460	0.05379	0.05354	0.05280
500.00	0.06978	0.06741	0.06457	0.06169	0.05872	0.05556	0.05236	0.04970	0.04798
400.00	0.07035	0.06958	0.06791	0.06553	0.06254	0.05918	0.05563	0.05197	0.04812
300.00	0.06454	0.06380	0.06296	0.06209	0.06108	0.05969	0.05766	0.05481	0.05119
200.00	0.05893	0.05840	0.05760	0.05654	0.05522	0.05364	0.05184	0.04988	0.04779
100.00	0.04943	0.04871	0.04792	0.04705	0.04608	0.04500	0.04378	0.04238	0.04075
0.00	0.04923	0.04813	0.04692	0.04561	0.04419	0.04264	0.04096	0.03912	0.03710
-100.00	0.04357	0.04261	0.04160	0.04053	0.03940	0.03819	0.03689	0.03547	0.03391
-200.00	0.04240	0.04163	0.04073	0.03973	0.03865	0.03749	0.03630	0.03512	0.03396
-300.00	0.04065	0.04007	0.03954	0.03905	0.03853	0.03782	0.03678	0.03546	0.03432
-400.00	0.04071	0.04010	0.03906	0.03784	0.03682	0.03653	0.03728	0.03873	0.04004
-500.00	0.03765	0.03744	0.03799	0.03935	0.04098	0.04218	0.04270	0.04291	0.04319
-600.00	0.04068	0.04254	0.04359	0.04392	0.04385	0.04373	0.04374	0.04437	0.04676
-700.00	0.04451	0.04454	0.04424	0.04390	0.04369	0.04420	0.04637	0.05022	0.05412
-800.00	0.04385	0.04357	0.04338	0.04383	0.04580	0.04928	0.05280	0.05580	0.05937
-900.00	0.04256	0.04318	0.04520	0.04839	0.05163	0.05413	0.05672	0.06024	0.06736
-1000.00	0.04415	0.04723	0.05047	0.05283	0.05480	0.05716	0.06086	0.06892	0.08323
-1100.00	0.04903	0.05131	0.05307	0.05504	0.05729	0.06147	0.07028	0.08399	0.09847
-1200.00	0.05142	0.05298	0.05473	0.05714	0.06213	0.07143	0.08425	0.09669	0.10464
-1300.00	0.05266	0.05422	0.05691	0.06255	0.07220	0.08414	0.09479	0.10109	0.10569
-1400.00	0.05367	0.05680	0.06299	0.07251	0.08339	0.09271	0.09784	0.10147	0.10642
-1500.00	0.05681	0.06340	0.07258	0.08240	0.09037	0.09449	0.09754	0.10243	0.10273
-1600.00	0.06374	0.07245	0.08127	0.08809	0.09135	0.09375	0.09837	0.09967	0.09627
-1700.00	0.07215	0.08006	0.08588	0.08844	0.09031	0.09457	0.09658	0.09340	0.09131
-1800.00	0.07878	0.08376	0.08575	0.08718	0.09108	0.09364	0.09098	0.08784	0.08893
-1900.00	0.08173	0.08324	0.08432	0.08785	0.09083	0.08886	0.08510	0.08485	0.08722

**MODELOPTs: CONC RURAL FLAT DFAULT

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

FILE: sold95.asc
FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
SURFACE STATION NO.: 0 UPPER AIR STATION NO.: 24225
NAME: UNKNOWN NAME: UNKNOWN
YEAR: 1995 YEAR: 1995

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M) RURAL	MIXING HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
95	1	1	1	0.0	0.00	273.1	7	684.3	380.0	0.0000	0.0	0.0000	0	0.00
95	1	1	2	0.0	0.00	273.1	7	717.6	380.0	0.0000	0.0	0.0000	0	0.00
95	1	1	3	0.0	0.00	273.1	7	750.8	380.0	0.0000	0.0	0.0000	0	0.00
95	1	1	4	0.0	0.00	273.1	7	784.0	380.0	0.0000	0.0	0.0000	0	0.00
95	1	1	5	0.0	0.00	273.1	7	817.2	380.0	0.0000	0.0	0.0000	0	0.00
95	1	1	6	0.0	0.00	273.1	7	850.4	380.0	0.0000	0.0	0.0000	0	0.00
95	1	1	7	0.0	0.00	273.1	7	883.6	380.0	0.0000	0.0	0.0000	0	0.00
95	1	1	8	0.0	0.00	273.1	6	67.4	424.5	0.0000	0.0	0.0000	0	0.00
95	1	1	9	0.0	0.00	273.1	5	242.2	539.7	0.0000	0.0	0.0000	0	0.00
95	1	1	10	0.0	0.00	273.1	4	417.0	655.0	0.0000	0.0	0.0000	0	0.00
95	1	1	11	0.0	0.00	273.1	3	591.7	770.2	0.0000	0.0	0.0000	0	0.00
95	1	1	12	0.0	0.00	273.1	2	766.5	885.5	0.0000	0.0	0.0000	0	0.00
95	1	1	13	0.0	0.00	273.1	2	941.2	1000.7	0.0000	0.0	0.0000	0	0.00
95	1	1	14	0.0	0.00	273.1	2	1116.0	1116.0	0.0000	0.0	0.0000	0	0.00
95	1	1	15	0.0	0.00	273.1	3	1116.0	1116.0	0.0000	0.0	0.0000	0	0.00
95	1	1	16	0.0	0.00	273.1	3	1116.0	1116.0	0.0000	0.0	0.0000	0	0.00
95	1	1	17	0.0	0.00	273.1	4	1106.7	1106.7	0.0000	0.0	0.0000	0	0.00
95	1	1	18	0.0	0.00	273.1	5	1075.1	930.6	0.0000	0.0	0.0000	0	0.00
95	1	1	19	0.0	0.00	273.1	6	1043.4	787.2	0.0000	0.0	0.0000	0	0.00
95	1	1	20	0.0	0.00	273.1	7	1011.8	643.7	0.0000	0.0	0.0000	0	0.00
95	1	1	21	0.0	0.00	273.1	7	980.1	500.3	0.0000	0.0	0.0000	0	0.00
95	1	1	22	0.0	0.00	273.1	7	948.5	356.9	0.0000	0.0	0.0000	0	0.00
95	1	1	23	0.0	0.00	273.1	7	916.8	213.4	0.0000	0.0	0.0000	0	0.00
95	1	1	24	0.0	0.00	273.1	7	885.2	70.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

**MODELOPTs: CONC RURAL FLAT DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

```
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 111111
```

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
B	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
C	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00
D	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
E	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00
F	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

**MODELOPTs: CONC RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR 3*ZLB IN DISTANCE, OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR LOCATION -- XR (METERS)	YR (METERS)	DISTANCE (METERS)
STACK1	0.0	0.0	0.00

**MODELOPTs: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: GRID1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

-2000.0, -1900.0, -1800.0, -1700.0, -1600.0, -1500.0, -1400.0, -1300.0, -1200.0, -1100.0,
-1000.0, -900.0, -800.0, -700.0, -600.0, -500.0, -400.0, -300.0, -200.0, -100.0,
0.0, 100.0, 200.0, 300.0, 400.0, 500.0, 600.0, 700.0, 800.0, 900.0,
1000.0, 1100.0, 1200.0, 1300.0, 1400.0, 1500.0, 1600.0, 1700.0, 1800.0, 1900.0,
2000.0,

*** Y-COORDINATES OF GRID ***
(METERS)

-2000.0, -1900.0, -1800.0, -1700.0, -1600.0, -1500.0, -1400.0, -1300.0, -1200.0, -1100.0,
-1000.0, -900.0, -800.0, -700.0, -600.0, -500.0, -400.0, -300.0, -200.0, -100.0,
0.0, 100.0, 200.0, 300.0, 400.0, 500.0, 600.0, 700.0, 800.0, 900.0,
1000.0, 1100.0, 1200.0, 1300.0, 1400.0, 1500.0, 1600.0, 1700.0, 1800.0, 1900.0,
2000.0,