



A Babbie BMT Company

APPENDIX C

AIR QUALITY RESULTS

C-1 EPD AIR QUALITY MONITORING DATA

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-V20197-P100
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.4 & 2.6

YEAR: 1997

MONTH: JAN

POLLUTANT: TOTAL SUSPENDED PARTICULATES

UNIT : MICROGRAMS PER CUBIC METER

DAY	KT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	HKS	MR
1				232			170			141		197
2									184			
3												
4					103							
5		105										
6			95									
7				196			148			120		163
8									118			
9	140											
10					143							
11		121										
12			97									
13				141			127			92		196
14									92			
15	111											
16					123							
17		79										
18			104									
19				190			136			118		195
20									172			
21	133											
22					126							
23		35										
24			61									
25				134			105			67		149
26									140			
27	134											
28					131							
29	114	107										
30			105									
31				151			110			83		168

E_EX	0	0	0	0	0		0		0	0		0
M_MEAN	126	89	92	174	125		133		141	104		181
COUNT	5	5	5	6	5		6		5	6		6
MAX	140	121	105	232	143		170		184	141		197

AQO of TSP is 260 µg/m³

*** indicates value exceeds AQO

Note: 1. The results relate only to the TSP measured at Air Quality Monitoring Station (AQMS).

2. Kwun Tong (TSP) has collocate sampler.

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-V20297-P100
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.4 & 2.6

YEAR: 1997

MONTH: FEB

POLLUTANT: TOTAL SUSPENDED PARTICULATES

UNIT : MICROGRAMS PER CUBIC METER

DAY	KT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	EKS	MK
1									101			
2	67											
3					37							
4		37										
5			84									
6				50			34			21		55
7									31			
8	60											
9					67							
10		44										
11			53									
12				79			60			54		89
13									68			
14	74											
15					55							
16		34										
17			79									
18				116			94			63		119
19									93			
20	106											
21					136							
22		95										
23			119									
24				86			95			51		131
25									66			
26	92											
27					94							
28		79										
29												
30												
31												

Σ_EX	0	0	0	0	0		0		0	0		0
M_MEAN	84	58	84	83	78		76		72	47		99
COUNT	5	5	4	4	5		4		5	4		4
MAX	106	95	119	116	136		95		101	63		131

AQO of TSP is 260 µg/m³

*** indicates value exceeds AQO

- Note: 1. The results relate only to the TSP measured at Air Quality Monitoring Station (AQMS).
 2. Kwun Tong (TSP) has collocate sampler.

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-V20397-P100
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.4 & 2.6

YEAR: 1997

MONTH: MAR

POLLUTANT: TOTAL SUSPENDED PARTICULATES

UNIT : MICROGRAMS PER CUBIC METER

DAY	KT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	HKS	MK
1			153									
2				84			70			46		118
3									69			
4	126											
5					146							
6		88										
7			97									
8				100			95			56		117
9									74			
10	67											
11					89							
12		49										
13			160									
14				67			69			64		171
15									65			
16	85											
17					77							
18		50										
19			65									
20				103			88			58		116
21									122			
22	133											
23					56							
24		68										
25			57									
26				133			62			91		101
27									69			
28	87											
29					89							
30		39										
31			101									

Σ_EX	0	0	0	0	0		0		0	0		0
M_MEAN	104	59	106	97	91		77		80	63		125
COUNT	5	5	6	5	5		5		5	5		5
MAX	133	88	160	133	146		95		122	91		171

AQO of TSP is 260 µg/m³

** indicates value exceeds AQO

Note: 1. The results relate only to the TSP measured at Air Quality Monitoring Station (AQMS).

2. Kwun Tong (TSP) has collocate sampler.

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-V20497-P100
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.4 & 2.6

YEAR: 1997

MONTH: APR

POLLUTANT: TOTAL SUSPENDED PARTICULATES

UNIT : MICROGRAMS PER CUBIC METER

DAY	KT	ST	TP	YL	SSP	TST	CH	JB	TW	RC	EYS	MR
1				83			95			63		131
2									87			
3	63											
4					94							
5		138										
6			68									
7				93			99					127
8									140	69		
9	101											
10					66							
11		66										
12			60									
13				91			106					131
14									75	68		
15	115											
16					75							
17												
18			105									
19				94			120			76		146
20									69			
21	89											
22					110							
23		71										
24												
25				94			98			66		121
26									89			
27	107											
28					131							
29		53										
30			82									
31												

E_EX	0	0	0	0	0		0		0	0		0
M_MEAN	95	82	79	91	95		104		92	68		131
COUNT	5	4	4	5	5		5		5	5		5
MAX	115	138	105	94	131		120		140	76		146

AQO of TSP is 250 µg/m³

*** indicates value exceeds AQO.

Note: 1. The results relate only to the TSP measured at Air Quality Monitoring Station (AQMS).

2. Kwun Tong (TSP) has collocate sampler.

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-V20597-P100
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.4 & 2.6

YEAR: 1997

MONTE: MAY

POLLUTANT: TOTAL SUSPENDED PARTICULATES

UNIT : MICROGRAMS PER CUBIC METER

DAY	KT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	EKS	MK
1				72			45			67		201
2									64			
3	59											
4					50							
5		30										
6			40									
7				38			42					94
8									56			
9	70											
10					93							
11		41										
12			34									
13				47			28					
14									54			
15	73											
16					77							
17		39										
18			42									
19				59			41					
20									98			
21	132											
22					67							
23		33										
24			56									
25				101			90			69		128
26									79			
27	97											
28					106							
29		112										
30			147									
31				132			105			108		237

Σ_EX	0	0	0	0	0		0		0	0		0
H_MEAN	86	51	64	75	79		59		70	65		154
COUNT	5	5	5	6	5		6		5	6		6
MAX	132	112	147	132	106		105		98	108		237

AQO of TSP is 260 µg/m³

"*" indicates value exceeds AQO

Note: 1. The results relate only to the TSP measured at Air Quality Monitoring Station (AQMS).

2. Kwun Tong (TSP) has collocate sampler.

3. Reference temperature is 25°C and reference pressure is 760mmHg.

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-V20697-P100
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.4 & 2.6

MONTH: JUN

UNIT : MICROGRAMS PER CUBIC METER

YEAR: 1997

POLLUTANT: TOTAL SUSPENDED PARTICULATES

DAY	KT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	HKS	HK
1									50			
2	95				66							
3		43										
4			54									
5												175
6				72			50		75			
7												
8	73				72							
9		62										
10												
11			122				104			119		184
12				134					47			
13												
14	50				38							
15												
16		24										
17			49							54		92
18				65					63			
19		51										
20	70											
21					65							
22		34										
23			43				38			44		127
24				59					53			
25												
26	64				96							
27												
28		51										
29			34							44		87
30				39			29					
31												
Σ_EX	0	0	0	0	0		0		0	0		0
M_MEAN	70	44	60	74	67		55		58	65		133
COUNT	5	6	5	5	5		4		5	4		5
MAX	95	62	122	134	96		104		75	119		184

"*" indicates value exceeds AQO

AQO of TSP is 260 µg/m³

Note: 1. The results relate only to the TSP measured at Air Quality Monitoring Station (AQMS).

2. Kwun Tong (TSP) has collocate sampler.

3. Reference temperature is 25°C and reference pressure is 760mmHg.

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-V20797-P100
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.4 & 2.6

YEAR: 1997

MONTH: JUL

POLLUTANT: TOTAL SUSPENDED PARTICULATES

UNIT : MICROGRAMS PER CUBIC METER

DAY	KT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	EKS	MK
1									47			
2	42											
3					40							
4		32										
5			44									
6				36			46			45		88
7									66			
8	92											
9					73							
10		34										
11			42									
12				41			25			47		87
13									37			
14	44											
15					40							
16		19										
17			24									
18				39			25			33		67
19									41			
20	51											
21					45							
22		43										
23			64									
24				101			73			84		170
25									84			
26	117											
27					67							
28		53										
29			60									
30				64			54			41		113
31									43			

Σ_EX	0	0	0	0	0		0		0	0		0
H_MEAN	69	36	47	56	53		45		53	50		105
COUNT	5	5	5	5	5		5		6	5		5
MAX	117	53	64	101	73		73		84	84		170

AQO of TSP is 260 µg/m³

"*" indicates value exceeds AQO

Note: 1. The results relate only to the TSP measured at Air Quality Monitoring Station (AQMS).

2. Kwun Tong (TSP) has collocate sampler.

3. Reference temperature is 25°C and reference pressure is 760mmHg.

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-V20897-P100
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.4 & 2.6

YEAR: 1997

MONTH: AUG

UNIT : MICROGRAMS PER CUBIC METER

POLLUTANT: TOTAL SUSPENDED PARTICULATES

DAY	KT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	EKS	MR
1	59											
2					43							
3												
4			39									
5				61			39			57		129
6		42							60			
7	65											
8					57							
9		58										
10			51									
11				55			50			57		104
12									50			
13	56											
14					60							
15		66										
16			119									
17				121			97					148
18									100	72		
19												
20	123				125							
21		29										
22			34									
23				55			43			35		
24									35			56
25												
26					38							
27		29										
28			95							140		* 275
29		163		182			130					
30												
31	54											

Σ_EX	0	0	0	0	0		0		0	0		
M_MEAN	71	65	68	95	65		72		61	72		142
COUNT	5	6	5	5	5		5		4	5		
MAX	123	163	119	182	125		130		100	140		275

AQO of TSP is 260 µg/m³ "*" indicates value exceeds AQO
 Note: 1. The results relate only to the TSP measured at Air Quality Monitoring Station (AQMS).
 2. Kwun Tong (TSP) has collocate sampler.
 3. Reference temperature is 25°C and reference pressure is 760mmHg.

ENVIRONMENTAL PROTECTION DEPARTMENT
High Volume Data Monthly Time Series Report
File ID: DP-F-R-V20997-P100
Measure Method: High Volume Sampling
Procedure Manual: QA/QC Manual-Vol.2 ch2.4 & 2.6

YEAR: 1997

MONTH: SEP

POLLUTANT: TOTAL SUSPENDED PARTICULATES

UNIT : MICROGRAMS PER CUBIC METER

DAY	KT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	HKS	MK
1					61							
2		37							54			
3			57									
4							102			123		
5												
6	94											
7												
8		41										
9			45									
10				75			50			66		132
11												
12	80											
13					90							
14		76										
15			89									
16				111			94			78		111
17									67			
18	83											
19					86							
20		80										
21			27									
22				92			70			47		96
23									77			
24	97											
25					88							
26		64										
27			89									
28				63			58			38		102
29									42			
30	46											
31												

Σ_EX	0	0	0	0	0		0		0	0		0
M_MEAN	80	60	61	85	81		75		60	70		110
COUNT	5	5	5	4	4		5		4	5		4
MAX	97	80	89	111	90		102		77	123		132

- AQO of TSP is 260 $\mu\text{g}/\text{m}^3$ ** indicates value exceeds AQO
Note: 1. The results relate only to the TSP measured at Air Quality Monitoring Station (AQMS).
2. Kwun Tong (TSP) has collocate sampler.
3. Reference temperature is 25°C and reference pressure is 760mmHg.

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-V21097-P100
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.4 & 2.6

YEAR: 1997

POLLUTANT: TOTAL SUSPENDED PARTICULATES

MONTE: OCT

UNIT: MICROGRAMS PER CUBIC METER

DAY	KT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	EKS	HK
1					48							
2		35										
3			38							52		92
4				90					66			
5												
6	70				85							
7												
8		66										
9			100							85		135
10				123								
11									127			
12	79				90							
13												
14												
15			70									
16				145			90			63		112
17												
18	74				95							
19												
20		146										
21			204							170		239
22				180			158					
23									132			
24	102											
25					102							
26												
27		83										
28			100							78		133
29				153			104					
30	123								96			
31					144							
Σ_EX	0	0	0	0	0		0		0	0		0
N_MEAN	90	83	102	138	94		105		97	90		141
COUNT	5	4	5	5	6		5		5	5		5
MAX	123	146	204	180	144		158		132	170		239

AQO of TSP is 260 µg/m³
 Note: 1. The results relate only to the TSP measured at Air Quality Monitoring Station (AQMS).
 2. Kwun Tong (TSP) has collocate sampler.
 3. Reference temperature is 25°C and reference pressure is 760mmHg.

** indicates value exceeds AQO

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-V21297-P100
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.4 & 2.6

MONTE: DEC

UNIT : MICROGRAMS PER CUBIC METER

YEAR: 1997

POLLUTANT: TOTAL SUSPENDED PARTICULATES

DAY	KT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	HKS	MK
1		100										
2			84									
3				139			100			77		121
4									58			
5	102											
6					100							
7		62										
8			97									
9				138			106			83		136
10									107			
11	108											
12					150							
13		127										
14			126									
15				171			100			68		129
16									128			
17	253											
18					168							
19		114										
20			88									
21				105			109			76		132
22									54			
23	64											
24					74							
25		68										
26			115									
27				120			83					
28									66	56		158
29	108											
30					186							
31		63										

Σ_EX	0	0	0	0	0		0		0	0		0
M_MEAN	127	89	102	135	136		100		89	72		135
COUNT	5	6	5	5	5		5		5	5		5
MAX	253	127	126	171	186		109		128	83		158

AQO of TSP is 260 µg/m³ "*" indicates value exceeds AQO
 Note: 1. The results relate only to the TSP measured at Air Quality Monitoring Station (AQMS).
 2. Kwan Tong (TSP) has collocate sampler.
 3. Reference temperature is 25°C and reference pressure is 760mmHg.

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-V21197-P100
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.4 & 2.6

YEAR: 1997
 POLLUTANT: TOTAL SUSPENDED PARTICULATES

MONTH: NOV
 UNIT : MICROGRAMS PER CUBIC METER

DAY	KT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	HKS	HK
1		125										
2			101									153
3				188			123			82		
4									114			
5	144											
6					146							
7		103										
8			83							63		100
9				97			121					
10									73			
11	92											
12					91							
13		71										
14			94									
15				100			84			60		108
16									94			
17	105											
18					103							
19		96										
20			80									
21				161			127			117		157
22									181			
23	106											
24					98							
25		43										
26			72									
27				65			38					80
28									80			
29	116											
30					75							
31												

Σ_EX	0	0	0	0	0		0		0	0		0
M_MEAN	113	88	86	122	103		99		108	73		120
COUNT	5	5	5	5	5		5		5	5		5
MAX	144	125	101	188	146		127		181	117		157

AQO of TSP is 260 µg/m³ "*" indicates value exceeds AQO
 Note: 1. The results relate only to the TSP measured at Air Quality Monitoring Station (AQMS).
 2. Kwun Tong (TSP) has collocate sampler.
 3. Reference temperature is 25°C and reference pressure is 760mmHg.

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-V20197-P200
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.5 & 2.6

YEAR: 1997

MONTH: JAN

POLLUTANT: RESPIRABLE SUSPENDED PARTICULATES

UNIT : MICROGRAMS PER CUBIC METER

DAY	KT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	HKS	MX
1				164			122			109		121
2									139			
3												
4												
5		79										
6			74									
7				106			98			88		105
8									82			
9	85											
10					92							
11		77										
12			73									
13				79			86			72		105
14									60			
15	71											
16					83							
17		47										
18												
19				117			94			88		110
20									115			
21	78											
22					70							
23		24										
24			36									
25				73			63			48		73
26									81			
27	85											
28					83							
29	68	80										
30			75									
31				95			71			55		94

Σ_EX	0	0	0	0	0		0		0	0		0
M_MEAN	78	61	65	106	82		89		95	77		101
COUNT	5	5	4	6	4		6		5	6		6
MAX	86	80	75	164	92		122		139	109		121

AQO of RSP is 180 µg/m³

*** indicates value exceeds AQO

Note: 1. The results relate only to the RSP measured at Air Quality Monitoring Station (AQMS).

2. Tsuen Wan (RSP) has collocate sampler.

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-V20297-P200
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.5 & 2.6

YEAR: 1997

MONTH: FEB

POLLUTANT: RESPIRABLE SUSPENDED PARTICULATES

UNIT : MICROGRAMS PER CUBIC METER

DAY	KT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	HKS	MK
1									68			
2	46											
3					22							
4		25										
5			40									
6				37			26			17		35
7									24			
8	60											
9					54							
10		37										
11			46									
12				64			66			50		69
13									58			
14	50											
15					43							
16		25										
17			61									
18				79			63			51		68
19									66			
20	65											
21					88							
22		63										
23			57									
24				45			55			37		65
25									44			
26	53											
27					62							
28		51										
29												
30												
31												

E_EX	0	0	0	0	0		0		0	0		0
M_MEAN	55	40	51	57	54		53		52	39		59
COUNT	5	5	4	4	5		4		5	4		4
MAX	65	63	61	79	88		66		68	51		69

AQO of RSP is 180 µg/m³

*** indicates value exceeds AQO

Note: 1. The results relate only to the RSP measured at Air Quality Monitoring Station (AQMS).

2. Tsuen Wan (RSP) has collocate sampler.

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-V20197-P200
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.5 & 2.6

YEAR: 1997

MONTH: MAR

POLLUTANT: RESPIRABLE SUSPENDED PARTICULATES

UNIT : MICROGRAMS PER CUBIC METER

DAY	KT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	EKS	MX
1			81									
2				42			39			28		49
3									40			
4	76											
5					91							
6		64										
7			50									
8				58			58			37		61
9									55			
10	52											
11					59							
12		35										
13			60									
14				38			44			39		72
15									39			
16	53											
17					-48							
18		31										
19			43									
20				66			54			43		61
21									95			
22	93											
23					33							
24		46										
25			40									
26				76			37			55		49
27									47			
28	35											
29					63							
30		31										
31			80									

E_EX	0	0	0	0	0		0		0	0		0
M_MEAN	62	41	59	56	59		46		55	40		58
COUNT	5	5	6	5	5		5		5	5		5
MAX	93	64	81	76	91		58		95	55		72

AQO of RSP is 180 µg/m³

*** indicates value exceeds AQO

Note: 1. The results relate only to the RSP measured at Air Quality Monitoring Station (AQMS).

2. Tsuen Wan (RSP) has collocate sampler.

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: CP-P-R-V20497-P200
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.5 & 2.6

YEAR: 1997

MONTH: APR

POLLUTANT: RESPIRABLE SUSPENDED PARTICULATES

UNIT : MICROGRAMS PER CUBIC METER

DAY	KT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	HKS	MK
1				53			68			53		78
2									64			
3	40											
4					61							
5		117										
6			56									
7				60			72			58		80
8									108			
9	70											
10					52							
11		47										
12			43									
13				64			81			56		89
14									50			
15	67											
16					48							
17												
18			83									
19				63			91			64		103
20									57			
21	59											
22					66							
23		46										
24			55									
25				54			56			47		66
26									65			
27	69											
28					83							
29		37										
30			50									
31												

E_EX	0	0	0	0	0		0		0	0		0
M_MEAN	61	62	57	59	62		74		69	56		83
COUNT	5	4	5	5	5		5		5	5		5
MAX	70	117	83	64	83		91		108	64		103

AQO of RSP is 180 $\mu\text{g}/\text{m}^3$ ** indicates value exceeds AQO
 Note: 1. The results relate only to the RSP measured at Air Quality Monitoring Station (AQMS).
 2. Tsuen Wan (RSP) has collocate sampler.

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-V20597-P200
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.5 & 2.6

R: 1997

MONTH: MAY

UNIT : MICROGRAMS PER CUBIC METER

POLLUTANT: RESPIRABLE SUSPENDED PARTICULATES

DAY	KT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	EKS	HK
1				44			34			41		87
2									36			
3	37											
4					31							
5		20										
6			27									
7				27			27			30		62
8									39			
9	45											
10					65							
11		30										
12			26									
13				28			19			27		51
14									33			
15	38											
16					36							
17		28										
18			27									
19				35			28			33		67
20									77			
21	92											
22					47							
23		23										
24			35									
25				65			63			55		74
26									45			
27	52											
28					62							
29		75										
30			102									
31				93			79			84		116

E_EX	0	0	0	0	0		0		0	0		0
A_MEAN	53	35	43	49	48		42		46	45		76
COUNT	5	5	5	6	5		6		5	6		6
MAX	92	75	102	93	65		79		77	84		116

LO of RSP is 180 $\mu\text{g}/\text{m}^3$ "*" indicates value exceeds AQO
 Note: 1. The results relate only to the RSP measured at Air Quality Monitoring Station (AQMS).
 2. Tsuen Wan (RSP) has collocate sampler.
 3. Reference temperature is 25°C and reference pressure is 760mmHg.

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-V20697-P200
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.5 & 2.6

YEAR: 1997
 POLLUTANT: RESPIRABLE SUSPENDED PARTICULATES

MONTH: JUN
 UNIT: MICROGRAMS PER CUBIC METER

DAY	ST	TP	YL	SSP	TST	CW	JB	TW	KC	EKS	HK
1								33			
2	45			41							
3		31									
4			42								
5											
6			41			35		41			75
7											
8	42			38							
9											
10		41									
11			93						91		108
12				94		76		40			
13											
14	34										
15				25							
16		20									
17			38						43		64
18				43		49					
19		42						49			
20	45										
21					35						
22		30									
23			32						30		70
24				37		28		35			
25											
26	47				56						
27											
28		38									
29			26						32		56
30				26		22					
31											

Σ_EX	0	0	0	0	0	0	0	0	0	0	0
H_MEAN	43	34	46	48	39	42		40	49		75
COUNT	5	6	5	5	5	5		5	4		5
MAX	47	42	93	94	56	76		49	91		108

*** indicates value exceeds AQO
 AQO of RSP is 180 µg/m³
 Note: 1. The results relate only to the RSP measured at Air Quality Monitoring Station (AQMS).
 2. Tsuen Wan (RSP) has collocate sampler.
 3. Reference temperature is 25°C and reference pressure is 760mmHg.

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-V20797-P200
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.5 & 2.6

AR: 1997

MONTH: JUL

POLLUTANT: RESPIRABLE SUSPENDED PARTICULATES

UNIT : MICROGRAMS PER CUBIC METER

DAY	KT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	HKS	HK
1									38			
2	32											
3												
4		24										
5			32									
6				27			32			32		52
7									43			
8	47											
9					41							
10		25										
11			32									
12				25			17			25		43
13									22			
14	23											
15					26							
16		13										
17			21									
18				29			18			24		49
19									34			
20	27											
21					30							
22		32										
23			46									
24				58			46			52		83
25									60			
26	83											
27					38							
28		38										
29			47									
30				38			37			28		55
31									30			

Σ_EX	0	0	0	0	0		0		0	0		0
M_MEAN	42	26	36	35	34		30		38	32		56
COUNT	5	5	5	5	4		5		6	5		5
MAX	83	38	47	58	41		46		60	52		83

YO of RSP is 180 µg/m³ "*" indicates value exceeds AQO
 Note: 1. The results relate only to the RSP measured at Air Quality Monitoring Station (AQMS).
 2. Tsuen Wan (RSP) has collocate sampler.
 3. Reference temperature is 25°C and reference pressure is 760mmHg.

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-V20897-P200
 Measure Method: High Volume Sampling
 Procedure Manual: OTC Manual-Vol.2 ch2.5 & 2.6

MONTH: AUG
 UNIT : MICROGRAMS PER CUBIC METER

YEAR: 1997
 POLLUTANT: RESPIRABLE SUSPENDED PARTICULATE

	AL	ST	TP	YL	SSP	TST	CW	JB	TW	KC	HKS	HK
1	31				21							
2												
3												
4			35				29			37		68
5				36								
6		28							37			
7	36				41							
8												
9		46										
10			42									
11				31			35			39		56
12									36			
13	41				43							
14												
15		50										
16			101							57		93
17				83			77					
18									71			
19												
20	86				86							
21		20										
22			25							28		
23				37			32					37
24									27			
25												
26					24							
27		20										
28			67							96		159
29		109		108			92					
30												
31	32											

Σ_EX	0	0	0	0	0		0		0	0		0
H_MEAN	45	46	54	59	43		53		43	51		83
COUNT	5	6	5	5	5		5		4	5		5
MAX	86	109	101	108	86		92		71	96		159

AQO of RSP is 180 $\mu\text{g}/\text{m}^3$
 Note: 1. The results relate only to the RSP measured at Air Quality Monitoring Station (AQMS).
 2. Tsuen Wan (RSP) has collocate sampler.
 3. Reference temperature is 25°C and reference pressure is 760mmHg.

*** indicates value exceeds AQO

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-V20997-P200
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.5 & 2.6

YEAR: 1997
 POLLUTANT: RESPIRABLE SUSPENDED PARTICULATES

MONTE: SEP
 UNIT : MICROGRAMS PER CUBIC METER

DAY	KT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	HKS	MK
1					29							
2		26							31			
3			43									
4							82			94		
5												
6	70											
7												
8		30										
9			35									
10				44			35			41		67
11												
12	52											
13					48							
14		54										
15			73									
16				74			74			64		80
17									56			
18	64											
19					65							
20		64										
21			22									
22				53			46			33		52
23									55			
24	57											
25					53							
26		36										
27			55									
28				35			33			26		52
29									35			
30	34											
31												

Σ_EX	0	0	0	0	0		0		0	0		0
M_MEAN	55	42	46	52	49		54		44	52		63
COUNT	5	5	5	4	4		5		4	5		4
MAX	70	64	73	74	65		82		56	94		80

AQO of RSP is 180 µg/m³ *** indicates value exceeds AQO
 Note: 1. The results relate only to the RSP measured at Air Quality Monitoring Station (AQMS).
 2. Tsuen Wan (RSP) has collocate sampler.
 3. Reference temperature is 25°C and reference pressure is 760mmHg.

ENVIRONMENTAL PROTECTION DEPARTMENT
 Data Monthly Time Series Report
 File ID: DP-F-R-V21097-P000
 Measure Method: High Volume Sampling
 Procedure Manual: OAP Manual-Vol.2 ch2.5 & 2.6

MONTH: OCT

UNIT : MICROGRAMS PER CUBIC METER

YEAR: 1997

POLLUTANT: RESPIRABLE SUSPENDED PARTICULATES

	SI	IP	YL	SSP	TST	CW	JB	TW	KC	HKS	HK
1				36							
2	27										
3		28				46			35		54
4			52					45			
5											
6	48			57							
7											
8	49		76						68		86
9			86			74					
10											
11								97			
12	61			63							
13											
14	67		57								
15											
16			99			59			51		68
17								48			
18	52			62							
19											
20		102									
21			153						129		153
22			125			119					
23								103			
24	71										
25				72							
26		56									
27			54						52		68
28			78			62					
29								61			
30	73										
31				89							

Σ_EX	0	0	0	0	0	0	0	0	0	0	0
M_MEAN	61	60	74	88	63	72		71	67		86
COUNT	5	5	5	5	6	5		5	5		5
MAX	73	102	153	125	89	119		103	129		153

** indicates value exceeds AQO

AQO of RSP is 180 µg/m³

- Note: 1. The results relate only to the RSP measured at Air Quality Monitoring Station (AQMS).
 2. Tsuen Wan (RSP) has collocate sampler.
 3. Reference temperature is 25°C and reference pressure is 760mmHg.

ENVIRONMENTAL PROTECTION DEPARTMENT
High Volume Data Monthly Time Series Report
File ID: DP-F-R-V21197-P200
Measure Method: High Volume Sampling
Procedure Manual: QA/QC Manual-Vol.2 ch2.5 & 2.6

YEAR: 1997
POLLUTANT: RESPIRABLE SUSPENDED PARTICULATES

MONTH: NOV
UNIT : MICROGRAMS PER CUBIC METER

DAY	KT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	EKS	MK
1		86										
2			70									
3				110								77
4									65	55		
5	85											
6					93							
7		69										
8			52									
9				56			54					61
10									49			
11	52											
12					60							
13		52										
14			63									
15				51			34			32		53
16									39			
17	53											
18					62							
19		59										
20			60									
21				109			82					99
22									127	79		
23	83											
24					64							
25		27										
26			48									
27				31			22					45
28									46	25		
29	72											
30					48							
31												

Σ_EX	0	0	0	0	0		0		0	0		0
H_MEAN	69	59	59	71	65		48		65	47		67
COUNT	5	5	5	5	5		4		5	5		5
MAX	85	86	70	110	93		82		127	79		99

AQO of RSP is $180 \mu\text{g}/\text{m}^3$

*** indicates value exceeds AQO

Note: 1. The results relate only to the RSP measured at Air Quality Monitoring Station (AQMS).

2. Tsuen Wan (RSP) has collocate sampler.

3. Reference temperature is 25°C and reference pressure is 760mmHg.

ENVIRONMENTAL PROTECTION DEPARTMENT
 High Volume Data Monthly Time Series Report
 File ID: DP-F-R-121297-P200
 Measure Method: High Volume Sampling
 Procedure Manual: QA/QC Manual-Vol.2 ch2.5 & 2.6

YEAR: 1997
 POLLUTANT: RESPIRABLE SUSPENDED PARTICULATE

MONTH: DEC
 UNIT : MICROGRAMS PER CUBIC METER

	AT	ST	TP	YL	SSP	TST	CW	JB	TW	KC	EKS	HK
1		55										
2			44									68
3				78			61			53		
4									54			
5	60											
6					54							
7		35										
8			54									
9				80			66					72
10									70	57		
11	75											
12					103							
13		90										
14			104									
15				108			71			50		85
16									81			
17	* 185											
18					127							
19		85										
20			71									
21				78			90					96
22									31	63		
23	39											
24					49							
25		48										
26			89									
27				78			59					80
28									46	41		
29	73											
30					129							
31		41										

Σ_EX	1	0	0	0	0		0		0	0		0
M_MEAN	86	59	72	84	92		69		56	53		80
COUNT	5	6	5	5	5		5		5	5		5
MAX	185	90	104	108	129		90		81	63		96

AQO of RSP is 180 µg/m³
 Note: 1. The results relate only to the RSP measured at Air Quality Monitoring Station (AQMS).
 2. Tsuen Wan (RSP) has collocate sampler.
 3. Reference temperature is 25°C and reference pressure is 760mmHg.

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 18-APR-1997

SITE : SHATIN

MONTH : JAN

YEAR : 1997

POLLUTANT : SO2 UNIT : MICROGRAMS PER CUBIC METRE

SULPHUR DIOXIDE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	17	15	13	13	13	13	17	29	37	45	36	25	66	78	68	80	86	92	55	40	36	33	31	41
2	21	18	16	13	11	20	25	17	10	8	8	7	10	8	5	5	4	4	3	4	4	4	3	3	11
3	5	5	5	5	5	5	6	11	16	21	16	13	11	10	8	13	12	12	7	6	6	5	5	5	9
4	0	0	0	1	3	3	3	6	6	11	16	14	10	12	19	19	18	12	18	22	21	25	27	25	13
5	19	9	5	3	5	5	5	8	10	10	12	9	8	7	7	8	11	10	14	11	10	8	7	8	9
6	7	6	5	5	7	9	9	13	19	25	29	27	13	8	7	8	12	14	9	8	14	17	23	19	13
7	7	6	5	5	8	11	18	20	25	25	20	18	19	19	20	19	20	19	17	20	15	18	16	14	16
8	11	8	8	8	9	11	12	13	13	16	16	20	13	14	14	14	17	20	27	13	14	16	20	16	14
9	8	8	6	5	6	8	8	10	16	16	16	17	14	14	14	12	13	19	32	22	21	25	29	23	15
10	12	8	8	8	9	14	25	24	19	20	21	17	18	18	20	15	13	39	38	51	47	47	41	38	24
11	19	14	12	8	11	15	33	54	32	32	23	22	11	13	12	15	22	52	55	56	49	46	48	38	29
12	20	14	11	11	12	12	12	18	29	27	22	23	16	13	19	21	24	17	13	10	10	9	8	8	16
13	6	5	5	5	5	5	11	15	15	13	11	8	7	9	8	10	13	11	9	10	11	11	8	7	9
14	6	6	6	5	5	7	10	13	16	16	24	19	12	11	13	16	21	14	10	12	7	11	11	15	12
15	9	8	6	6	6	5	6	5	8	12	16	14	****	****	5	5	4	4	4	5	8	5	5	4	7
16	8	8	7	6	10	10	10	19	26	22	22	18	11	10	10	8	15	13	15	18	21	24	27	22	15
17	15	4	3	5	3	5	3	5	8	7	5	4	3	3	4	3	4	3	4	5	18	23	22	21	8
18	13	10	8	7	8	13	19	28	26	26	18	18	25	40	50	53	52	11	8	5	8	9	7	3	19
19	2	1	0	0	0	0	0	1	4	4	15	15	9	8	11	10	8	10	18	23	21	20	22	23	10
20	15	12	10	11	9	8	9	14	12	12	16	10	8	6	10	10	10	5	3	3	9	17	16	13	10
21	12	8	3	3	3	5	6	6	13	12	9	10	6	8	9	5	8	4	3	4	3	2	2	1	6
22	0	0	0	1	0	1	3	4	4	3	3	3	3	3	4	3	4	2	2	2	0	0	0	2	2
23	0	0	0	0	0	0	0	0	3	5	7	3	3	1	1	4	3	10	7	3	1	0	0	1	2
24	3	4	5	5	4	5	5	5	10	15	14	13	15	15	14	17	17	17	19	17	14	13	14	12	12
25	6	5	4	5	5	5	5	9	12	12	16	13	11	11	11	15	16	13	20	16	14	12	14	11	11
26	5	3	5	5	5	5	5	6	8	11	11	11	11	11	14	17	17	17	22	25	27	28	30	28	14
27	19	13	10	9	11	15	27	46	32	32	19	22	26	34	27	30	30	23	28	46	42	38	42	43	27
28	27	19	13	11	13	15	31	55	26	13	****	****	****	****	8	7	22	29	40	54	51	52	51	45	29
29	28	19	16	12	13	13	30	59	32	12	6	6	5	6	7	9	9	7	7	10	21	25	33	31	18
30	24	21	16	15	13	19	31	39	37	28	10	8	9	7	7	7	6	7	8	19	30	37	35	31	20
31	17	13	11	8	10	15	26	39	39	24	13	7	3	3	1	0	1	1	3	6	10	4	6	4	11

MONTHLY STATISTICS :

GEOM MEAN : 15 ARITH MEAN : 99

PERCENTILES : 50 90 95 98 99

STD GEOM DEVIATION : 2.6

PERCENT VALID DATA : 95

NUMBER OF TIMES ABOVE OBJECTIVE : 1-HR 0 24-HR 0

NOTES : 1. MEANS INVALID DATA
2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 800 OR 24HR OBJECTIVE 350

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 18-APR-1997

SITE : SHATIN

MONTH : JAN

YEAR : 1997

POLLUTANT : NOX NITROGEN OXIDES

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	493	493	510	465	428	453	472	526	437	248	90	79	193	179	158	200	230	310	534	437	485	474	451	354	
2	297	297	299	296	307	265	247	376	44	37	28	39	49	30	45	51	43	36	45	43	41	41	33	122	
3	11	11	7	14	23	50	96	140	184	167	123	141	111	93	125	124	117	109	145	120	99	81	97	91	
4	24	24	23	38	49	84	143	154	196	191	169	116	133	169	168	148	136	247	302	258	407	420	444	16	
5	86	86	31	19	25	37	47	57	59	62	37	27	27	29	45	85	92	114	78	87	81	54	42	5	
6	27	27	19	15	26	59	125	151	171	141	116	50	41	30	40	91	114	81	75	168	350	413	373	123	
7	17	17	11	11	44	88	175	124	118	119	87	80	86	91	100	117	114	104	115	86	99	106	79	90	
8	33	33	13	15	23	66	80	78	106	76	125	75	71	88	99	110	153	198	83	97	168	250	26	97	
9	27	27	17	11	20	39	63	72	117	93	91	56	50	46	54	93	108	204	122	119	198	289	178	92	
10	53	53	50	44	58	200	317	207	105	105	116	76	71	70	63	59	264	399	522	451	517	479	521	216	
11
12	214	214	225	268	282	325	469	514	150	85	94	46	27	32	31	47	65	74	28	66	69	51	44	146	
13	10	10	10	13	14	96	141	112	78	43	34	36	53	49	61	84	84	69	76	88	89	68	77	63	
14	52	52	46	40	82	210	184	206	142	125	67	62	58	70	94	150	126	102	136	72	68	69	64	101	
15	29	29	23	31	29	55	55	117	115	99	62	41	.....	.....	.....	36	48	37	62	76	49	35	28	54
16	16	16	22	17	44	84	330	280	121	99	84	44	40	54	41	136	132	204	289	302	326	397	343	155	
17	22	22	11	14	21	44	106	79	66	40	29	19	29	35	33	56	60	80	117	298	398	404	400	107	
18	251	251	215	237	250	343	411	381	278	128	98	99	139	179	159	201	76	56	44	77	84	77	35	174	
19	8	8	10	6	8	13	28	34	57	91	70	70	57	72	63	61	95	174	227	302	262	308	318	107	
20	221	221	253	219	74	61	91	153	113	128	76	76	50	41	77	89	109	78	76	64	229	474	416	156	
21	146	146	24	20	39	70	122	169	112	66	74	47	78	82	65	106	61	41	66	34	31	27	26	68	
22	5	5	7	7	6	26	49	66	56	40	33	29	57	48	50	65	55	52	44	31	45	38	54	39	
23	8	8	6	6	11	16	46	83	102	100	64	65	41	52	101	99	169	102	60	50	41	53	51	60	
24	18	18	24	17	19	26	45	114	131	68	79	70	78	72	89	103	102	136	97	71	73	91	65	72	
25	22	22	16	14	24	31	82	123	137	168	119	62	61	83	121	122	122	165	136	118	105	118	88	92	
26	19	19	20	21	21	36	47	44	70	67	61	41	49	72	84	71	108	209	351	375	397	475	509	143	
27	235	235	162	170	170	250	492	690	315	116	120	119	148	107	112	100	77	114	256	206	354	528	463	241	
28
29	463	463	444	330	307	425	657	990	341	96	30	17	30	38	49	61	41	49	101	398	400	588	579	292	
30	405	405	237	185	179	318	467	352	326	211	36	36	33	51	47	44	56	61	101	429	531	548	662	254	
31	412	412	384	339	295	385	566	770	727	245	99	53	24	17	21	19	33	49	74	156	49	66	39	219	

MONTHLY STATISTICS :

GEOM MEAN	86	83	138	50	90	95	98	99
MEDIAH	83	83	138	83	372	463	528	587
ARITH MEAN	138	83	138	50	90	95	98	99
PERCENTILES	50	90	95	98	99	.....	.....	.....
RANGE	1-990	5-990	39-357	1-990	5-990	39-357	1-990	5-990
STD GEOM DEVIATION	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
PERCENT VALID DATA	85	85	85	85	85	85	85	85

NOTES : 1. MEANS INVALID DATA

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 18-APR-1997

SITE : SHATIN

MONTH : JAN

YEAR : 1997

DAY	POLLUTANT : NO	NITRIC OXIDE	UNIT : MICROGRAMS PER CUBIC METRE																							
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1			264	278	253	230	249	259	288	222	102	17	10	58	45	31	49	61	111	265	205	236	231	222	168	
2			133	136	139	149	113	99	175	3	2	2	2	6	2	3	3	1	0	0	0	1	0	0	44	
3			0	0	0	0	2	18	37	64	58	32	40	25	14	32	28	27	22	45	32	22	13	21	24	
4			0	0	0	2	13	47	56	82	80	64	32	36	51	50	40	33	102	138	113	216	229	251	74	
5			25	0	0	0	1	4	10	13	13	5	3	2	2	5	16	16	31	16	18	15	4	1	9	
6			0	0	0	0	9	39	53	67	51	37	9	4	4	21	27	8	7	46	165	223	186	44	44	
7			0	0	0	3	16	63	40	35	37	21	16	17	18	15	19	15	14	22	13	20	26	13	19	
8			0	0	0	0	12	17	20	33	20	40	18	17	20	22	25	47	72	14	21	62	116	39	28	
9			0	0	0	0	2	12	20	43	30	26	11	8	6	17	25	72	30	32	74	130	37	26	26	
10			3	2	2	7	90	161	91	32	30	31	12	10	8	7	104	187	269	232	274	254	283	95	95	
11			
12			85	92	122	131	161	251	271	49	15	16	4	2	1	1	1	1	2	0	3	5	3	1	55	
13			0	0	0	0	16	30	19	12	5	4	4	4	4	6	4	4	4	2	5	4	2	1	6	
14			0	0	0	11	79	57	69	31	26	7	7	7	11	19	41	25	17	36	6	6	7	4	21	
15			1	1	2	3	8	8	36	36	30	15	5	.....	.....	.....	1	1	0	2	7	0	0	0	8
16			0	0	0	2	12	161	126	33	23	17	5	4	8	3	28	22	63	122	129	150	196	166	58	
17			0	0	0	0	1	21	14	15	7	5	1	3	5	3	6	3	4	17	130	196	202	204	38	
18			121	100	117	125	182	225	196	122	34	17	8	8	29	22	39	3	1	0	7	6	5	0	62	
19			0	0	0	0	0	1	1	6	23	15	6	10	16	4	2	14	51	84	133	116	147	154	36	
20			101	124	104	18	6	19	56	31	39	18	7	5	12	11	18	5	4	2	88	246	209	167	59	
21			54	0	0	2	10	38	60	30	12	13	5	13	13	8	17	3	0	5	0	1	0	1	13	
22			0	0	0	0	2	8	13	10	6	3	2	10	7	7	11	6	5	4	1	3	2	5	5	
23			0	0	0	0	0	6	19	30	32	14	14	6	9	29	26	72	35	16	11	5	5	3	15	
24			0	0	0	1	4	12	45	54	17	23	18	22	17	22	28	28	44	26	16	19	26	12	20	
25			0	0	0	1	2	24	46	54	72	43	15	13	21	38	36	26	59	43	33	27	36	20	28	
26			0	0	0	0	2	4	6	17	16	12	5	6	7	9	3	16	68	160	178	194	245	270	55	
27			104	62	70	72	120	268	381	146	30	25	16	21	11	12	12	6	15	87	65	159	276	237	100	
28			
29			237	228	160	150	226	366	557	157	27	4	1	3	5	7	7	2	2	23	180	186	309	307	143	
30			201	96	67	67	156	245	166	147	79	5	4	8	4	4	3	1	13	135	213	282	298	371	117	
31			221	206	180	153	209	319	431	394	98	24	8	3	2	2	0	0	1	11	47	2	6	0	105	

MONTHLY STATISTICS :

GEOM MEAN	HEDIAN	ARITH MEAN	PERCENTILES----->				RANGE----->		STD GEOM DEVIATION	PERCENT VALID DATA	
14	15	51	50	90	95	98	99	1-HR	24-HR		85
								0-	557	6.2	

NOTES : 1. MEANS INVALID DATA

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 18-APR-1997

SITE : SHATIN

MONTH : JAN

YEAR : 1997

POLLUTANT : NO2 NITROGEN DIOXIDE

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MU/24	
1	88	86	79	76	73	76	86	98	92	64	63	104	110	110	126	137	141	129	124	124	124	124	124	124	111	
2	94	90	83	79	74	25	28	40	28	40	46	42	36	45	43	40	33	33	33	33	33	33	33	33	111	
3	11	7	14	23	46	69	83	87	79	74	81	73	71	76	82	76	71	65	61	65	71	70	61	65	65	
4	24	23	38	45	65	72	69	70	68	70	66	79	91	92	86	86	91	91	85	77	70	70	70	70	65	
5	48	31	19	25	36	41	42	40	42	30	23	24	26	38	61	67	66	53	59	57	57	57	47	41	41	
6	27	19	15	26	45	65	69	68	62	60	36	30	24	33	58	73	69	64	99	97	97	97	95	89	56	
7	17	11	11	40	64	78	64	63	55	55	60	62	76	88	91	82	81	66	68	68	68	68	64	59	60	
8	33	13	15	23	47	53	48	55	46	63	47	45	57	65	72	82	88	63	65	73	73	73	73	66	54	
9	27	17	11	20	36	44	41	52	48	51	39	38	37	45	67	70	95	76	71	85	90	91	91	70	70	
10	48	46	41	47	62	71	68	56	59	69	58	56	58	53	48	106	113	110	97	99	99	99	91	70	70	
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
12	85	83	82	81	79	86	99	75	63	69	41	25	30	30	46	63	71	28	61	62	61	62	47	43	61	
13	10	10	13	14	72	95	82	60	35	28	31	40	44	55	75	78	64	74	80	83	80	83	66	75	54	
14	52	46	40	65	90	97	101	94	86	56	52	47	53	64	87	89	76	80	62	59	62	59	59	58	69	
15	27	21	28	25	43	42	61	60	54	38	33	****	****	****	34	47	37	59	66	49	66	49	35	28	41	
16	16	22	17	40	67	83	88	71	64	57	36	33	42	36	94	99	107	102	104	97	104	97	97	90	66	
17	22	11	14	21	42	74	58	43	29	21	27	23	27	28	47	56	73	91	99	99	99	99	95	87	49	
18	66	62	58	59	64	67	82	92	76	72	87	126	134	125	141	72	54	43	66	74	66	74	70	35	78	
19	8	10	6	8	13	27	31	48	56	48	48	57	67	57	58	74	96	99	98	85	98	85	83	53	53	
20	67	64	60	46	52	62	68	65	68	49	40	34	59	73	81	70	71	61	94	98	98	98	96	87	67	
21	63	24	20	36	55	64	77	66	47	54	39	59	63	52	81	56	40	58	33	33	33	31	27	25	49	
22	5	7	7	6	23	37	46	41	31	28	27	41	37	39	48	46	45	38	30	30	30	40	35	46	32	
23	8	6	6	11	16	37	53	57	52	42	43	32	39	57	59	59	48	36	33	32	32	45	46	37	37	
24	18	23	17	17	20	27	45	48	42	44	42	45	47	56	61	60	68	58	47	44	44	51	46	42	42	
25	22	16	14	23	28	44	52	55	58	53	39	41	52	63	67	70	75	71	68	65	65	64	56	50	50	
26	19	20	21	21	33	41	35	43	43	42	33	41	61	71	67	85	105	107	104	104	104	101	100	96	59	
27	75	68	63	61	66	82	108	93	71	82	94	116	90	93	82	67	92	122	107	111	111	106	101	89	89	
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
29	100	96	86	78	80	98	138	101	55	24	15	25	31	38	50	38	45	65	123	116	116	116	109	74	74	
30	98	91	82	76	80	93	99	100	91	29	27	38	40	39	51	59	82	107	103	101	101	93	95	76	76	
31	74	69	64	62	66	78	111	125	96	62	41	19	15	18	18	33	47	57	84	47	47	56	39	58	58	

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	PERCENTILES----->>>	RANGE----->>>	STD GEOM DEVIATION	PERCENT VALID DATA	NUMBER OF TIMES ABOVE OBJECTIVE 1-HR 24-HR
52	59	60	50 90 95 98 99	5- 141 32- 101	1.8	85	0 0

NOTES : 1. MEANS INVALID DATA
 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 300 OR 24HR OBJECTIVE 150

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/05/08

SITE : SIA TIR

NORTH : FEB

YEAR : 1997

UNIT : MICROGRAMS PER CUBIC METRE

POLLUTANT : SO2 SULPHUR DIOXIDE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	2	4	7	8	5	3	3	4	6	7	6	5	3	5	5	3	1	0	3
2	0	0	0	0	0	0	2	2	4	4	6	2	1	2	3	4	5	4	1	1	3	1	2	1	2
3	0	0	0	0	0	0	0	0	5	7	7	15	15	10	5	6	6	5	3	6	3	8	8	12	5
4	7	4	4	3	1	4	6	5	9	8	6	6	8	6	5	7	7	8	13	8	9	6	2	2	6
5	2	1	0	0	0	1	4	6	6	6	7	6	4	4	3	3	4	6	7	5	6	5	4	4	4
6	4	5	3	1	0	0	0	0	2	2	3	3	2	2	3	3	4	3	2	2	1	0	1	0	2
7	0	0	0	0	0	0	0	2	4	3	3	3	3	2	2	2	3	3	3	2	2	1	2	2	2
8	0	0	0	2	2	2	3	3	3	3	3	3	3	4	8	8	6	10	11	7	8	8	8	7	5
9	3	3	2	1	1	2	6	4	3	3	2	3	2	3	2	2	5	3	3	2	3	3	4	5	3
10	5	2	2	2	0	2	3	3	3	5	5	6	2	2	3	2	3	4	3	3	3	2	2	2	3
11	0	0	0	0	0	2	0	3	3	2	2	3	4	4	4	3	4	4	4	3	4	3	5	6	3
12	0	0	0	1	3	2	3	3	4	6	6	6	6	7	7	6	7	6	7	7	6	3	2	1	4
13	0	0	0	0	1	3	2	3	6	7	5	5	4	4	4	4	6	7	6	7	4	3	3	3	4
14	1	2	0	0	0	2	6	4	4	4	4	4	3	4	4	5	4	4	4	3	3	3	3	3	3
15	1	0	0	0	1	3	5	4	6	7	6	6	7	6	4	4	5	7	6	3	3	3	3	2	4
16	0	0	0	0	0	0	0	2	3	4	5	4	4	6	5	7	8	8	7	2	2	3	2	4	3
17	0	0	0	0	0	1	3	5	9	8	12	14	15	14	13	14	15	7	5	6	5	4	5	2	7
18	1	3	0	0	1	2	1	4	9	8	7	7	6	7	7	6	6	9	16	10	9	13	23	25	8
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	6	6	7	9	8	16	19	27	23	19	16	16	8	6	6	6	9	10	9	24	29	26	29	31	15
21	18	12	10	9	9	15	10	41	40	25	18	18	14	10	9	8	11	10	7	6	7	7	6	5	14
22	6	6	6	6	8	10	15	14	14	12	11	11	11	12	9	9	10	7	6	6	6	6	6	5	9
23	4	4	4	6	5	6	7	8	9	8	6	4	3	4	6	6	5	6	6	6	6	3	3	4	5
24	3	3	3	3	3	3	13	15	13	7	7	7	3	5	3	2	3	3	4	5	4	3	4	3	5
25	5	4	5	5	5	11	19	14	8	11	11	11	9	14	7	5	3	2	3	4	3	3	5	4	7
26	2	2	2	3	4	5	8	11	9	8	8	4	4	2	.....	.....	1	2	3	3	4	17	24	20	7
27	9	5	3	3	3	5	9	15	15	15	9	6	7	6	4	5	6	4	3	3	2	0	1	0	6
28	0	0	0	0	0	3	3	7	13	10	7	5	4	4	4	25	25	27	57	66	50	42	35	27	18

MONTHLY STATISTICS :

GEOM MEAN	MEDIAH	ARITH MEAN	50	90	95	98	99	PERCENTILES	1-HR	24-HR	RANGE	STD GEOM DEVIATION	PERCENT VALID DATA	NUMBER OF TIMES ABOVE OBJECTIVE
4	4	6	4	12	16	27	40	-----PERCENTILES----->	0-	66	2- 18	1.5	92	0 0

NOTES : 1. MEANS INVALID DATA

2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 800 OR 24HR OBJECTIVE 350

E N V I R O N M E N T A L P R O T E C T I O N D E P A R T M E N T

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/05/08

SITE : SHA TIN

MONTH : FEB

YEAR : 1997

UNIT : MICROGRAMS PER CUBIC METRE

NITROGEN OXIDES

POLLUTANT	NOX	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	7	5	10	28	54	75	92	53	26	11	28	46	47	42	45	60	52	38	23	26	31	26	31	26	31
2	6	4	9	19	51	81	63	81	31	31	32	44	87	131	118	98	57	78	124	98	64	64	64	64	64	64
3	5	2	5	16	40	87	137	124	84	161	142	152	104	123	122	115	122	159	101	129	134	109	63	70	63	70
4	24	30	15	17	33	66	80	98	70	64	63	61	65	71	100	93	146	87	121	111	60	63	70	63	70	63
5	26	17	18	11	33	66	100	91	89	72	48	69	48	64	84	100	100	82	70	75	58	70	58	70	63	70
6	28	19	14	12	25	45	33	75	65	64	60	62	65	68	76	87	90	100	94	75	79	71	60	58	42	59
7	33	25	35	32	44	38	56	80	43	75	41	44	54	60	83	98	105	73	102	104	116	92	66	66	66	66
8	31	25	20	22	46	35	67	38	43	51	56	76	107	93	69	80	115	74	72	88	88	92	61	61	61	61
9	52	37	26	39	59	121	72	52	49	56	40	65	44	56	85	63	84	50	43	60	117	75	40	50	50	50
10	70	35	12	17	35	53	67	62	60	68	53	50	57	38	47	82	69	46	45	37	46	40	40	40	40	40
11	17	13	9	12	23	57	46	44	35	53	55	35	45	49	59	46	54	51	54	51	60	58	42	42	42	42
12	7	10	13	19	35	67	97	90	87	72	59	101	88	85	85	72	96	82	55	63	71	64	65	65	65	65
13	13	7	11	29	46	71	115	125	73	54	54	37	60	59	88	97	75	85	47	28	34	26	56	56	56	56
14	4	3	2	6	30	81	64	59	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
15	9	11	17	19	41	61	108	140	137	124	118	133	91	99	110	121	82	71	64	57	55	48	78	78	78	78
16	6	10	10	13	21	34	44	56	63	52	64	81	59	70	95	105	97	55	49	69	76	68	54	54	54	54
17	14	9	12	20	44	86	121	117	135	101	99	124	110	119	123	76	72	76	70	61	70	51	78	78	78	78
18	19	18	13	29	47	119	161	82	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
19	32	24	22	24	46	95	187	105	87	66	31	22	25	25	31	43	32	37	63	70	58	54	54	54	54	54
20	12	14	38	49	162	200	302	182	117	88	24	36	32	26	50	56	58	335	387	368	423	506	158	158	158	158
21	232	223	231	217	314	576	762	434	181	104	72	34	31	33	59	68	54	92	93	70	48	28	180	180	180	180
22	11	9	10	13	34	70	62	59	48	36	18	30	24	28	67	54	45	51	38	36	38	29	37	37	37	37
23	9	7	1	6	20	19	26	27	21	20	19	15	23	30	31	44	56	44	41	25	48	50	26	26	26	26
24	0	4	4	6	27	167	163	134	49	39	23	49	33	23	28	38	56	61	39	35	53	15	48	48	48	48
25	47	57	65	61	170	299	204	101	126	123	90	130	80	55	36	25	46	77	39	43	74	60	91	91	91	91
26	29	24	21	39	66	141	163	112	77	72	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
27	22	8	5	11	37	75	112	92	78	45	25	30	24	37	49	41	55	44	39	26	37	39	42	42	42	42
28	9	10	11	38	65	156	198	104	62	45	34	53	38	146	143	138	318	449	494	478	460	440	178	178	178	178

MONTHLY STATISTICS :	GEOM MEAN	MEDIAN	ARITH MEAN	PERCENTILES	RANGE	STD GEOM DEVIATION	PERCENT VALID DATA
	50	56	73	50 90 95 98 99	0- 762 26- 180	1.5	89

NOTES : 1. MEANS INVALID DATA

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/05/08

SITE : SHA TIN

MONTH : FEB

YEAR : 1997

UNIT : MICROGRAMS PER CUBIC METRE

POLLUTANT : NO

NITRIC OXIDE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	5	14	22	8	3	1	4	9	8	8	5	3	5	2	0	0	0	4
2	0	0	0	0	0	0	6	9	15	10	22	5	2	4	16	40	35	27	6	15	31	17	27	11	14
3	0	0	0	0	0	0	4	23	56	51	25	71	59	65	38	48	48	45	50	74	34	52	54	43	38
4	1	2	0	0	0	0	4	23	32	42	24	18	15	12	11	10	24	29	54	20	42	39	11	14	19
5	0	0	0	0	0	0	7	23	43	38	24	26	10	20	9	10	14	23	24	15	12	21	13	21	17
6	2	1	0	0	0	0	3	10	6	28	23	21	17	15	17	17	24	30	32	18	35	25	26	20	18
7	4	1	5	0	5	5	13	9	20	33	27	25	9	9	13	15	26	35	40	21	40	44	52	38	22
8	3	0	0	0	0	0	11	5	23	9	10	14	15	22	33	21	8	9	27	10	8	18	22	30	14
9	8	3	1	7	19	58	28	17	14	15	9	17	9	10	20	8	20	8	20	7	4	12	48	20	16
10	18	3	0	0	6	15	24	22	21	24	16	13	17	8	8	20	14	7	6	7	6	3	6	5	12
11	0	0	0	0	0	0	1	13	9	9	8	12	13	6	12	10	12	4	6	6	9	7	11	10	7
12	0	0	0	0	0	0	4	17	34	30	28	21	11	33	26	22	20	12	24	20	10	11	15	14	16
13	0	0	0	0	0	1	9	16	44	49	21	13	11	4	7	9	24	28	16	21	2	0	0	0	13
14	0	0	0	0	0	0	2	17	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
15	0	0	0	0	0	0	2	9	33	57	59	52	46	53	26	29	33	41	23	15	13	10	8	6	23
16	0	0	0	0	0	0	0	3	6	12	15	10	15	23	12	16	27	33	29	10	5	15	21	19	12
17	0	0	0	0	0	0	6	24	44	44	53	34	33	46	40	43	46	22	21	22	16	13	16	7	24
18	0	0	0	0	0	1	5	45	66	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
19	0	0	0	0	0	0	2	21	78	34	27	17	4	3	2	1	1	1	1	0	2	4	2	2	9
20	0	0	0	0	0	0	48	63	124	55	24	20	2	4	3	1	3	4	1	144	182	173	205	258	60
21	93	89	96	88	148	310	404	204	59	21	10	3	2	2	5	6	1	2	6	4	1	0	1	0	71
22	0	0	0	0	0	0	6	7	7	7	6	3	0	0	0	0	6	1	0	0	0	0	0	0	2
23	0	0	0	0	0	0	0	0	0	2	1	1	1	0	1	2	1	0	0	0	0	0	1	1	1
24	0	0	0	0	0	0	0	51	53	39	8	5	2	8	4	2	2	1	0	0	0	0	0	0	8
25	0	0	1	1	56	130	70	26	32	27	15	34	17	9	4	0	0	0	0	4	0	0	2	1	20
26	0	0	0	0	0	0	1	36	51	25	13	14	14	14	14	14	14	14	14	14	14	14	14	14	32
27	0	0	0	0	0	0	0	7	20	13	11	5	1	2	1	1	2	1	1	1	0	0	0	0	3
28	0	0	0	0	1	3	58	79	26	12	7	4	9	5	33	26	38	122	209	244	240	235	230	72	

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	PERCENTILES	PERCENT RANGE	STD GEOM DEVIATION	PERCENT VALID DATA
7	9	20	50 90 95 98 99	1-HR 24-HR	3.3	89

NOTES : 1. MEANS INVALID DATA

E N V I R O N M E N T A L P R O T E C T I O N D E P A R T M E N T

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/05/08

SITE : SHA TIN

POLLUTANT : NO2 NITROGEN DIOXIDE

MONTH : FEB

YEAR : 1997

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	5	10	5	5	10	26	46	53	58	41	21	9	22	32	35	35	34	40	52	49	38	23	26	
2	8	6	10	20	42	45	42	45	52	48	47	23	29	38	62	70	64	57	48	55	76	52	57	47	
3	8	4	7	16	34	52	34	52	51	46	46	52	52	52	46	49	48	46	45	46	49	49	51	43	
4	22	27	16	17	31	31	27	31	31	34	33	36	40	43	48	56	63	49	63	56	57	51	43	41	
5	26	18	18	11	22	31	22	31	34	33	32	32	33	38	34	49	62	65	63	59	51	43	38	38	
6	25	17	14	12	20	30	20	30	24	32	30	32	34	39	39	42	39	41	41	42	40	37	18	40	
7	27	23	27	24	24	24	24	24	25	29	27	37	27	30	34	37	43	44	44	41	41	37	16	34	
8	26	25	20	22	29	27	29	27	32	24	28	29	33	42	56	61	57	66	73	59	60	60	54	43	
9	40	32	24	28	30	32	30	32	29	26	28	33	26	39	30	41	54	51	53	39	37	42	43	36	
10	42	30	12	17	26	30	26	30	30	28	28	31	28	30	31	26	35	51	47	35	36	32	37	32	
11	17	14	10	12	21	32	21	37	32	30	23	35	35	26	27	34	41	40	45	42	40	40	43	31	
12	10	13	14	20	29	41	29	41	45	44	44	43	42	50	48	51	54	53	59	51	40	46	48	42	
13	16	10	12	27	32	46	32	46	48	50	41	34	37	31	49	45	51	54	50	53	44	29	34	27	
14	7	6	5	9	27	55	27	55	50	45	45	45	45	45	45	45	45	45	45	45	47	43	40	48	
15	12	12	18	20	38	47	38	47	57	53	47	44	48	52	51	54	59	58	47	48	44	42	43	39	
16	8	11	13	14	22	29	22	29	35	38	40	37	41	46	41	45	54	54	52	40	41	46	44	39	
17	15	10	13	20	35	49	35	49	54	50	54	49	48	54	49	53	53	42	40	42	45	41	45	40	
18	20	21	14	27	39	50	39	50	60	45	45	45	45	45	45	45	45	61	71	54	58	60	61	56	
19	32	25	23	25	43	63	43	63	68	53	46	40	25	17	22	23	29	41	33	37	60	64	55	51	
20	13	15	39	50	88	103	88	103	112	98	80	57	21	30	27	24	45	50	56	115	108	103	109	111	
21	90	87	84	82	87	102	87	102	144	122	91	72	57	29	28	30	51	59	52	89	84	64	46	29	
22	14	14	13	16	34	61	34	61	51	48	39	31	19	30	25	28	58	52	48	54	39	39	32	36	
23	12	10	4	9	23	20	23	20	26	24	19	18	17	15	21	27	29	44	56	45	42	26	46	48	
24	3	7	7	9	28	89	28	89	82	74	37	31	20	37	27	20	25	36	56	61	40	36	53	16	
25	48	58	63	59	84	100	84	100	97	61	77	81	67	78	54	41	30	25	46	71	40	43	71	58	
26	30	25	24	40	64	86	64	86	85	74	57	50	45	45	45	14	16	25	34	27	49	101	97	102	
27	23	9	7	14	37	64	37	64	81	72	61	37	23	27	22	35	46	39	53	44	39	26	37	39	
28	10	13	12	36	60	67	60	67	77	64	44	34	28	39	30	95	103	115	131	129	121	111	100	88	

GEOM MEAN	MEDIAN	ARITH MEAN	PERCENTILES	PERCENTILES	RANGE	STD GEOM DEVIATION	PERCENT VALID DATA	NUMBER OF TIMES ABOVE OBJECTIVE
36	40	42	50 90 95	98 99	1- 144 26- 72	1.2	89	1- HR 24- HR
								0 0

MONTHLY STATISTICS :

NOTES : 1. ***** MEANS INVALID DATA

2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 300 OR 24HR OBJECTIVE 150

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/06/13

SITE : SHA TIN

MONTH : MAR

YEAR : 1997

UNIT : MICROGRAMS PER CUBIC METRE

POLLUTANT : NO NITRIC OXIDE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	144	0	0	0	0	0	0	288	320	178	22	16	5	50	64	12	3	4	0	0	0	0	0	0	73
2	0	0	0	0	0	0	0	3	6	16	16	14	6	11	10	4	8	2	2	5	14	11	6	7	6
3	0	0	0	0	0	0	6	30	57	41	30	16	9	14	6	11	9	11	38	14	74	67	0	20	
4	0	0	0	0	0	0	26	173	53	33	13	8	5	1	2	20	14	5	3	0	0	1	3	16	
5	0	0	0	0	0	0	0	5	2	10	15	2	0	4	3	1	4	4	0	0	0	117	157	197	24
6	118	101	72	74	143	264	321	143	16	8	4	5	4	5	4	3	2	28	58	166	204	177	188	214	105
7	126	110	121	136	105	167	73	34	27	19	9	3	4	1	3	65	110	199	216	207	208	208	182	97	97
8	68	52	49	62	129	232	285	208	32	11	3	3	2	1	5	1	2	0	0	0	0	0	0	52	52
9	0	0	0	0	0	0	0	0	2	5	6	1	0	1	2	0	1	0	0	0	0	4	0	3	1
10	0	0	0	0	0	0	4	48	39	20	10	7	2	2	3	3	5	4	1	8	115	186	255	195	41
11	0	0	0	0	0	1	17	80	76	31	14	0	0	3	8	8	7	16	3	0	0	0	21	31	16
12	1	3	0	0	0	11	96	43	41	16	14	****	****	7	5	4	5	7	2	0	0	5	49	61	19
13	0	0	0	0	0	9	102	158	38	31	20	7	3	6	8	9	19	9	29	89	119	200	224	156	56
14	44	40	32	35	74	122	185	111	31	24	13	15	16	16	16	16	28	26	17	17	41	27	107	143	53
15	81	50	55	69	109	198	208	108	71	30	90	30	90	48	34	56	16	57	64	75	114	155	146	152	90
16	117	139	140	117	139	19	7	2	2	1	2	1	2	3	1	1	2	16	30	2	5	0	1	0	34
17	0	0	0	0	0	0	11	38	35	58	43	32	47	41	37	26	31	49	54	61	39	40	21	8	31
18	0	0	0	0	0	0	0	3	5	11	11	3	2	11	6	6	5	3	3	3	0	2	1	0	3
19	0	0	0	0	0	0	5	26	46	34	33	100	18	20	17	3	2	2	22	10	27	19	27	21	20
20	8	0	0	0	0	0	1	18	22	25	26	30	17	38	72	71	63	86	147	53	32	26	24	14	35
21	0	0	0	0	0	0	3	20	14	23	19	42	40	81	35	14	18	24	89	37	37	111	132	80	37
22	6	7	3	10	96	189	222	274	347	347	369	369	227	180	221	149	126	81	76	71	49	20	9	7	125
23	0	0	0	0	0	0	23	9	24	23	21	23	19	38	46	25	12	27	20	23	9	9	24	19	17
24	0	0	0	0	0	0	2	16	24	19	15	3	4	****	****	3	6	2	4	5	1	1	1	0	5
25	0	0	0	0	0	0	1	9	11	27	11	6	2	7	4	6	2	1	0	0	0	1	0	4	4
26	28	0	0	0	0	0	10	31	54	22	17	17	7	8	7	11	6	7	79	208	249	258	229	19	58
27	0	0	0	0	0	0	0	6	8	14	6	10	1	1	3	5	3	0	0	0	0	0	0	0	3
28	0	0	0	0	0	0	0	0	0	3	10	5	6	3	15	18	15	16	85	149	109	37	10	38	24
29	13	3	0	0	0	0	23	71	113	63	32	68	20	12	5	3	3	3	4	0	9	44	154	194	38
30	41	8	5	8	64	97	64	22	11	5	2	5	2	2	2	2	1	0	0	3	1	3	5	3	16
31	0	0	0	0	0	0	0	3	4	2	3	3	1	2	3	2	2	1	1	0	1	1	0	0	1

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	50	90	95	98	99	1-HR	24-HR	STD GEOM DEVIATION	PERCENT VALID DATA
9	9	36	9	121	186	227	274	0- 369	1- 125	5	91

NOTES : 1. MEANS INVALID DATA

E N V I R O N M E N T A L P R O T E C T I O N D E P A R T M E N T

A I R Q U A L I T Y D A T A M O N T H L Y T I M E S E R I E S R E P O R T

DATE RUN : 97/06/13

SITE : SHA TIN

MONTH : MAR

YEAR : 1997

POLLUTANT : NO2 NITROGEN DIOXIDE

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	69	63	59	56	60	80	104	101	82	94	82	149	164	78	62	54	28	28	31	26	21	26	21	34	69
2	7	8	34	9	15	34	52	54	40	40	34	36	33	30	43	32	36	36	47	44	44	44	39	36	33
3	16	14	14	18	38	50	57	53	48	42	31	39	34	41	47	71	77	79	96	85	55	85	55	25	25
4	21	14	18	27	79	101	88	82	56	43	25	21	24	89	98	70	64	40	21	47	74	41	47	41	41
5	16	10	4	13	45	62	33	47	51	21	13	26	29	19	31	40	37	40	43	100	98	100	98	98	98
6	83	80	73	71	75	89	113	105	52	35	36	33	34	34	34	34	34	113	110	104	95	95	89	85	7
7	64	60	60	57	51	68	77	66	56	49	40	24	27	20	27	20	27	98	98	89	83	83	78	72	6
8	50	43	43	42	45	62	89	89	56	35	15	13	12	11	18	19	37	28	35	48	15	48	15	26	18
9	7	3	6	7	11	24	34	47	40	17	11	14	19	14	23	30	25	18	18	47	32	47	32	43	22
10	16	14	13	26	54	73	72	54	43	32	11	15	19	15	26	33	36	51	67	70	70	70	70	67	40
11	11	30	38	44	46	66	68	70	53	14	9	18	27	29	33	47	39	36	28	37	64	37	64	69	40
12	45	40	27	41	51	57	53	39	36	***	***	22	23	25	33	40	38	32	33	48	61	48	61	58	40
13	25	24	30	40	45	54	49	45	35	26	20	26	32	36	48	41	53	66	68	67	65	67	65	59	43
14	47	43	39	37	38	43	55	49	35	35	27	36	42	42	49	49	47	47	45	40	41	47	41	43	42
15	34	29	28	25	28	40	50	42	48	38	46	43	41	39	35	43	47	47	48	46	44	46	44	42	40
16	36	35	35	31	33	25	30	16	17	12	19	22	14	26	29	64	60	25	44	44	36	47	29	30	30
17	6	19	16	15	28	34	35	38	37	38	39	42	43	46	50	55	53	53	32	33	48	47	48	47	38
18	9	8	6	10	17	28	33	36	35	22	17	29	28	27	30	29	33	36	25	32	25	32	25	24	25
19	7	6	6	11	39	63	71	66	67	87	60	47	48	25	35	84	117	117	119	84	78	84	78	75	60
20	41	18	13	17	28	39	44	45	46	50	47	54	64	65	63	67	77	70	57	48	46	53	45	43	48
21	23	11	7	11	31	46	44	50	53	67	71	76	68	62	70	71	80	70	67	72	71	72	71	63	54
22	41	43	34	40	46	54	62	67	82	91	72	64	69	70	63	51	45	43	41	40	32	41	32	33	54
23	14	13	13	14	27	33	37	40	38	39	40	47	49	47	38	46	43	44	37	27	36	27	36	35	34
24	8	8	8	11	39	63	68	61	58	35	31	***	***	35	48	51	61	56	40	34	35	34	35	31	39
25	8	6	8	11	25	56	48	63	49	32	17	44	37	46	41	28	32	24	23	46	46	46	46	62	34
26	59	21	27	31	57	75	77	63	58	57	42	31	35	50	31	47	94	100	100	94	94	94	41	58	41
27	14	15	5	8	11	49	44	48	35	40	17	26	41	53	44	29	36	29	19	27	32	15	29	29	15
28	5	3	4	4	8	19	24	36	25	41	33	41	31	51	59	75	93	93	95	86	68	83	44	44	44
29	69	59	36	45	65	72	78	69	64	67	56	50	36	33	34	44	58	52	68	78	72	78	72	64	58
30	60	58	51	44	49	56	59	46	34	22	13	10	17	18	14	13	11	58	51	51	53	44	46	39	39
31	7	8	5	9	7	30	42	28	27	26	15	20	20	26	32	26	36	39	29	48	25	48	25	17	24

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	50	90	95	98	99	1-1HR	24-HR	STD GEOM DEVIATION	PERCENT VALID DATA	NUMBER OF TIMES ABOVE OBJECTIVE 1-HR 24-HR
36	40	44	40	76	89	100	113	3-164	22-74	1.2	91	0 0

NOTES : 1. MEANS INVALID DATA
 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 300 OR 24HR OBJECTIVE 150

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/06/13

SITE : SMA TIN

MONTH : MAR

YEAR : 1997

UNIT : MICROGRAMS PER CUBIC METRE

NITROGEN OXIDES

POLLUTANT : NOX	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	289	263	221	218	593	373	116	119	90	226	262	97	67	60	27	27	30	25	22	33	181				
2	5	6	7	8	14	39	77	79	62	43	53	48	36	55	39	44	69	61	48	42	47				
3	15	13	13	17	144	116	94	67	45	61	43	58	61	88	135	101	209	188	55	24	77				
4	20	13	17	26	119	169	133	76	55	33	23	27	120	78	69	40	20	49	79	40	77				
5	15	9	1	12	45	70	62	74	24	13	32	34	21	37	46	43	279	338	399	76					
6	264	235	183	184	294	493	324	77	47	42	41	40	39	37	130	202	364	416	166	377	412	235			
7	257	228	245	265	212	323	189	118	97	78	54	29	33	22	198	266	402	419	400	396	350	210			
8	154	123	118	137	417	525	407	105	52	20	18	15	13	26	21	40	28	35	50	14	26	118			
9	5	1	4	5	10	24	37	55	49	19	11	16	22	14	25	30	24	17	17	53	32	48	24		
10	15	13	12	25	60	147	132	85	58	43	14	18	24	34	39	38	63	243	355	460	365	103			
11	8	29	40	70	168	182	116	122	75	14	8	23	39	41	44	72	44	36	27	37	96	117	64		
12	47	45	24	58	198	123	116	64	***	31	31	41	51	41	51	32	33	56	136	151	68	151	130		
13	25	24	33	54	201	296	107	93	66	37	25	44	50	77	55	98	202	250	373	408	298	130			
14	114	104	88	91	151	230	338	219	83	72	47	59	67	92	89	73	108	81	205	262	123	178			
15	158	106	112	131	195	343	368	207	157	84	184	117	93	125	60	130	145	162	222	283	267	274	178		
16	215	248	249	210	246	54	41	19	20	14	22	27	16	28	32	89	106	28	52	36	31	30	82		
17	3	18	15	15	45	92	89	127	103	87	111	105	100	86	98	130	136	146	109	108	80	59	85		
18	8	6	4	9	17	33	41	53	52	27	20	46	37	36	38	34	38	41	25	35	27	24	30		
19	5	4	4	11	47	103	142	118	118	240	88	78	74	30	38	87	151	133	161	113	120	107	90		
20	53	18	13	16	30	67	78	83	86	96	73	112	174	174	160	199	302	151	106	93	82	65	101		
21	20	8	4	10	36	77	66	85	82	131	132	200	122	84	98	108	216	127	124	242	273	185	110		
22	50	54	39	55	193	343	402	486	613	655	419	339	407	298	256	178	161	152	116	71	46	44	244		
23	11	12	10	13	32	47	74	75	70	74	69	105	119	85	56	87	74	79	51	41	73	64	60		
24	5	5	5	10	42	88	105	90	81	40	37	***	***	40	57	54	67	64	42	36	37	30	47		
25	7	6	6	10	27	70	65	104	66	41	20	55	43	55	44	30	32	24	23	48	46	68	40		
26	102	21	26	31	72	123	160	97	84	83	53	43	46	67	40	58	215	418	481	489	444	70	147		
27	13	15	3	6	10	58	56	70	44	55	19	28	46	61	49	29	36	28	18	26	31	14	33		
28	3	1	2	2	6	19	29	51	33	50	38	64	39	79	82	100	223	321	262	143	84	141	81		
29	89	64	35	45	100	181	251	166	133	171	87	69	44	38	39	49	64	52	82	146	308	361	116		
30	123	70	59	56	147	204	157	80	51	30	16	13	20	21	16	13	31	63	53	58	52	51	61		
31	5	6	5	8	7	35	48	31	32	31	17	23	25	29	35	28	38	39	39	31	50	25	17	26	

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	PERCENTILES	RANGE	STD GEOM DEVIATION	PERCENT VALID DATA
58	58	99	50 50 95 98 99	1- 655 24- 244	1.9	91

NOTES : 1. MEANS INVALID DATA

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/06/13

SITE : SHA TIN

MONTH : MAR

YEAR : 1997

POLLUTANT : SO2 SULPHUR DIOXIDE

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	13	11	10	12	12	12	21	31	59	102	88	72	94	97	49	33	23	5	2	1	0	0	0	31
2	0	0	0	0	0	0	0	1	1	5	7	7	6	4	6	4	5	4	3	3	6	3	3	3	3
3	3	3	2	2	3	3	3	3	11	10	9	7	4	6	4	5	6	7	8	4	10	10	3	1	5
4	3	3	3	3	4	4	6	16	12	13	10	10	7	6	6	17	17	10	9	6	6	6	6	3	8
5	2	2	3	2	2	2	3	5	9	10	6	6	4	6	5	3	3	3	3	5	4	15	19	18	6
6	9	10	8	6	7	12	21	29	24	9	5	5	5	5	4	4	3	9	15	35	35	25	20	1	14
7	10	8	6	6	8	7	13	10	8	8	8	8	6	3	3	2	2	24	25	32	28	25	24	1	12
8	7	6	5	3	5	8	16	24	22	11	6	3	1	0	0	0	1	0	0	0	0	0	0	0	5
9	0	0	0	0	0	0	0	2	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	1	3	1	1	1	3	8	9	7	6	3	0	0	0	1	2	3	1	1	8	13	15	11	4
11	0	0	1	0	0	3	8	9	7	9	6	1	0	1	4	3	3	4	0	0	0	0	3	5	3
12	1	3	1	0	0	0	6	5	5	3	3	1	0	0	0	1	0	2	0	0	0	0	4	6	2
13	0	0	0	0	0	0	5	11	5	5	4	1	0	3	3	3	6	3	4	13	16	22	23	15	6
14	9	5	4	2	3	6	10	19	13	6	7	3	3	5	6	6	8	6	4	4	5	3	9	16	7
15	25	21	16	13	13	20	30	27	19	51	39	258	138	99	159	28	113	61	32	32	27	27	25	23	55
16	19	14	13	11	11	8	8	3	3	0	0	0	0	0	0	0	0	2	2	0	1	0	0	0	4
17	0	0	0	2	1	1	1	4	4	8	8	8	12	10	10	9	12	15	17	19	19	26	17	11	9
18	0	0	0	0	0	0	2	2	2	4	4	1	0	3	1	1	1	0	0	0	0	1	0	0	1
19	0	0	0	0	0	0	0	3	7	6	6	7	6	20	19	12	13	27	44	43	43	23	19	17	14
20	23	15	5	3	3	3	4	5	5	6	6	9	7	9	16	15	13	10	15	8	6	20	14	11	10
21	8	3	0	0	0	0	0	3	2	3	4	8	6	10	6	4	4	3	8	6	5	8	11	9	5
22	11	5	4	3	1	1	5	13	17	23	23	32	35	44	61	39	31	24	22	19	12	9	5	3	19
23	2	2	3	1	2	3	3	5	6	6	5	6	7	8	6	4	15	10	8	3	1	1	5	16	6
24	2	0	0	0	3	5	6	9	12	12	12	12	7	6	6	5	5	4	3	4	3	0	1	0	5
25	0	0	0	0	0	0	0	3	4	7	6	4	2	3	2	3	2	1	0	0	0	0	0	1	2
26	2	2	0	0	0	0	2	4	8	6	6	6	3	4	3	5	3	4	12	22	29	31	24	5	8
27	0	0	1	0	0	0	0	2	3	6	5	6	4	4	5	6	4	3	3	3	1	3	3	0	3
28	0	0	0	0	0	0	0	0	1	3	2	0	0	4	1	3	4	1	5	7	7	4	1	2	2
29	4	2	2	1	3	2	4	9	7	5	5	11	5	3	2	2	1	2	1	0	2	6	12	10	4
30	5	4	3	2	1	4	10	16	12	7	3	3	0	0	3	5	4	1	0	3	3	3	3	2	4
31	1	1	1	3	3	5	5	6	7	5	3	2	1	2	3	3	3	2	0	0	0	1	0	0	2

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	PERCENTILES	RANGE	STD DEVIATION	PERCENT VALID DATA	NUMBER OF TIMES ABOVE OBJECTIVE
4	4	8	50 90 95 98 99	0- 258 0- 55	1.9	95	0 0 0

NOTES : 1. MEANS INVALID DATA
 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 800 OR 24HR OBJECTIVE 350

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/07/11

SITE : SHA TIN

MONTH : APR

YEAR : 1997

POLLUTANT : SO2

SULPHUR DIOXIDE

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	2	2	0	1	0	0	0	1	2	3	2	2	0	0	0	0	1
2	0	0	0	0	0	0	0	0	5	7	4	4	2	3	5	6	6	6	4	4	18	20	7	7	5
3	5	4	1	3	6	6	7	4	6	7	5	****	****	****	****	****	11	5	3	4	4	0	4	7	5
4	0	0	1	6	2	0	1	17	11	17	13	24	25	40	30	28	28	25	25	27	32	32	34	29	18
5	22	25	25	21	22	23	23	34	48	32	20	15	15	47	67	59	51	52	45	35	37	42	40	42	36
6	39	36	21	18	14	12	6	6	5	6	7	5	1	5	8	7	5	1	1	1	0	0	0	0	9
7	0	0	0	0	0	0	0	0	3	2	4	0	1	6	7	8	3	2	2	3	0	2	3	2	2
8	3	4	3	3	3	4	7	15	13	13	8	10	13	20	25	27	27	9	27	36	39	33	23	22	16
9	9	7	6	5	7	12	16	22	24	19	8	7	16	11	****	****	****	32	10	8	6	1	0	0	11
10	0	0	0	0	0	1	2	5	8	2	2	0	0	1	3	4	3	0	0	0	0	0	1	0	1
11	0	3	4	1	2	3	4	9	11	6	4	3	6	5	7	14	14	29	43	36	35	29	28	21	13
12	11	9	5	1	0	2	2	3	4	5	6	6	6	4	5	6	6	4	4	3	3	3	3	3	4
13	2	0	2	0	4	4	4	4	3	6	4	4	3	3	3	4	3	3	1	2	3	2	0	0	3
14	3	2	0	1	3	8	8	11	21	8	3	3	3	5	9	9	7	5	5	6	15	19	14	18	8
15	38	28	19	16	12	13	17	19	15	14	22	28	28	55	79	130	145	64	56	75	71	45	25	24	44
16	6	5	1	0	0	1	2	2	6	7	5	4	2	2	0	0	0	10	2	1	2	3	3	2	3
17	0	0	0	0	0	0	0	2	5	5	4	3	9	3	3	3	3	2	2	0	0	0	0	0	2
18	1	0	4	0	0	3	3	5	7	12	6	23	41	31	34	22	27	27	21	9	9	12	12	9	13
19	6	5	8	6	1	2	5	4	3	1	2	3	1	2	0	0	0	0	0	0	0	0	0	0	2
20	0	0	0	0	0	0	0	0	0	0	1	1	0	2	1	1	0	0	0	1	0	0	0	0	0
21	2	2	1	0	0	0	5	4	7	7	4	3	5	5	4	2	6	28	44	26	25	5	3	4	8
22	3	4	0	2	13	15	18	14	10	5	4	6	7	2	1	1	1	0	0	1	0	2	0	0	5
23	0	0	0	0	0	0	2	5	9	6	3	4	4	4	6	6	5	5	5	3	3	3	3	3	3
24	3	2	1	1	1	3	3	3	5	4	5	4	3	****	****	****	3	5	5	7	15	9	10	7	5
25	3	3	3	2	1	2	3	3	6	8	14	17	19	11	11	14	18	11	3	5	6	7	11	7	8
26	5	4	5	5	5	10	11	13	14	14	10	6	5	6	5	6	8	16	25	16	8	18	17	9	10
27	3	4	5	5	5	5	7	11	14	12	12	12	6	8	5	8	11	6	9	14	17	12	16	16	9
28	9	6	5	4	5	8	15	17	19	16	7	5	5	21	19	19	27	18	5	4	6	6	10	7	11
29	4	3	2	3	3	6	14	17	12	13	****	****	****	****	****	****	84	29	78	156	35	18	14	14	28
30	15	20	19	10	10	18	20	9	8	12	10	16	9	17	15	26	19	22	22	30	54	49	38	31	21

MONTHLY STATISTICS :

GEOM MEAN	5	10	5	26	16	54	75	99	99
ARITH MEAN	5	10	5	26	16	54	75	99	99
MEDIAN	5	10	5	26	16	54	75	99	99
PERCENTILES	50	90	95	98	99	99	99	99	99
RANGE	0-44	0-156	0-44	0-156	0-44	0-156	0-44	0-156	0-44
STD GEOM DEVIATION	2	2	2	2	2	2	2	2	2
PERCENT VALID DATA	94	94	94	94	94	94	94	94	94
NUMBER OF TIMES ABOVE OBJECTIVE	0	0	0	0	0	0	0	0	0

NOTES : 1. MEANS INVALID DATA
 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 800 OR 24HR OBJECTIVE 350

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/07/11

SITE : SHA TIN

POLLUTANT : NOX

MONTH : APR

YEAR : 1997

NITROGEN OXIDES

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	3	3	3	3	2	3	20	32	52	44	27	26	28	20	21	35	32	38	30	34	25	38	26	14
2	5	5	5	5	5	5	20	25	90	91	56	71	54	59	62	97	86	102	109	115	295	294	221	239
3	61	65	73	170	96	123	90	68	79	83	60	62	83	60	62	92	127	69	98	99	58	98	168	
4	18	42	41	34	39	82	209	301	393	248	303	248	303	282	297	242	201	269	405	603	670	573	467	
5	328	273	214	213	310	348	167	114	61	54	68	168	190	206	185	183	251	183	251	399	165	387	307	288
6	176	151	165	99	78	36	23	40	48	48	35	19	52	74	129	91	36	54	41	41	31	11	10	20
7	3	2	0	7	15	23	67	45	46	24	28	82	113	119	59	49	61	58	29	49	99	99	92	45
8	94	41	57	43	139	148	312	221	106	124	131	113	125	115	97	78	110	174	263	315	337	319	160	
9	21	25	32	79	181	224	323	351	258	95	97	208	***	***	***	210	263	152	139	85	21	27	11	141
10	6	4	4	16	51	113	166	223	41	43	44	76	93	86	64	44	44	49	45	31	36	47	60	
11	33	16	28	49	63	118	119	38	31	26	52	33	56	118	168	246	246	168	246	322	408	443	439	147
12	217	55	9	8	40	40	39	37	29	17	11	16	22	32	32	32	37	21	21	25	20	18	22	34
13	6	9	24	11	15	16	23	51	29	31	23	39	37	58	43	69	46	85	106	109	117	131	49	
14	134	44	33	43	180	166	144	84	81	54	61	78	102	102	110	96	107	135	249	183	67	70	106	
15	89	83	89	80	143	181	221	142	132	143	119	146	127	163	174	130	160	204	338	227	86	73	148	
16	31	7	1	5	34	53	68	91	82	61	39	17	13	16	16	16	46	39	38	37	17	52	36	38
17	6	5	4	7	19	43	37	36	44	22	20	18	22	32	32	33	37	37	21	21	17	13	18	20
18	11	20	13	40	139	178	102	152	211	***	***	***	141	137	89	77	157	146	91	93	140	175	126	112
19	67	73	62	16	64	102	80	41	30	56	29	40	46	25	34	44	45	45	35	24	22	30	21	45
20	7	4	3	3	4	20	18	26	27	30	11	30	39	24	31	38	33	33	45	25	21	16	27	22
21	35	19	8	22	51	98	167	129	57	45	62	60	52	45	106	179	127	179	112	129	60	79	69	78
22	57	20	45	95	145	230	151	85	45	46	41	80	36	16	36	28	25	28	25	45	35	36	30	63
23	6	6	5	11	39	92	122	63	30	37	34	50	31	40	23	28	38	21	20	26	19	18	18	35
24	9	7	7	13	43	58	79	46	48	24	25	30	***	***	***	62	69	75	83	49	66	40	44	44
25	13	8	8	11	27	55	95	85	129	77	80	44	72	85	157	98	44	44	37	64	75	126	81	67
26	10	7	8	22	93	76	91	81	56	51	24	21	26	43	78	147	240	174	174	90	269	181	109	86
27	18	19	19	45	143	166	119	79	84	75	29	23	31	57	89	67	112	192	155	274	155	353	419	117
28	123	85	74	98	189	341	299	170	103	57	44	34	99	75	107	116	56	74	99	96	212	195	125	195
29	74	59	65	74	145	228	168	108	132	***	***	***	***	***	***	111	71	118	184	77	94	81	70	109
30	46	52	42	52	193	173	173	65	74	59	71	53	78	81	177	219	295	334	334	231	231	302	353	147

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	<-----PERCENTILES----->	1-HR	24-HR	STD GEOM DEVIATION	PERCENT VALID DATA
57	60	93	50 90 95 98 99	0- 670	22- 287	1.8	90

NOTES : 1. MEANS INVALID DATA

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/07/11

SITE : SHA TIN

MONTH : APR

YEAR : 1997

POLLUTANT : NO NITRIC OXIDE UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	166	133	97	98	159	174	47	27	7	4	3	29	35	42	26	22	66	173	154	171	125	116	85		
2	60	55	67	27	20	3	2	7	9	4	0	9	16	32	21	3	2	2	2	0	0	0	0	15	
3	0	0	0	0	0	0	0	0	12	6	11	2	4	20	28	30	7	4	7	3	0	0	17	0	
4	16	0	0	0	44	41	140	85	20	31	29	23	29	27	23	16	26	62	113	142	161	185	55		
5	0	0	0	0	23	86	110	163	175	115	23	22	85	****	88	110	52	51	21	2	1	0	56		
6	0	0	0	0	0	2	23	50	87	5	5	4	10	17	19	5	1	0	0	0	0	1	10		
7	0	0	0	0	0	0	6	34	38	7	4	3	10	3	8	29	37	70	124	189	197	227	230		
8	95	8	0	0	2	3	5	4	3	1	0	1	2	3	0	0	0	0	0	0	0	0	6		
9	0	0	0	0	0	0	0	1	4	1	1	1	1	2	5	0	7	0	5	9	16	21	4		
10	39	1	0	4	80	69	53	22	18	8	10	17	23	20	23	10	14	32	109	75	13	14	30		
11	27	26	30	25	67	87	110	60	44	37	20	35	29	51	54	16	22	41	132	89	18	12	47		
12	0	0	0	0	0	2	5	8	20	18	11	5	1	1	1	0	2	1	0	1	1	3	0	4	
13	0	0	0	0	0	2	2	3	10	1	1	1	1	2	1	0	0	0	0	0	0	0	0	1	
14	0	0	0	1	42	64	20	48	83	****	****	42	41	28	24	51	38	7	6	33	57	28	31		
15	5	6	9	0	11	27	22	9	4	10	3	3	3	1	1	1	3	1	1	0	0	0	0	5	
16	0	0	0	0	0	0	0	0	2	3	3	0	3	5	2	2	1	0	1	0	0	0	1		
17	0	0	0	0	0	1	25	60	40	12	7	14	10	7	4	18	56	31	23	32	8	14	4		
18	6	0	4	10	62	112	59	22	8	6	2	22	6	0	2	0	0	0	2	0	3	0	0	16	
19	0	0	0	0	1	15	27	10	1	4	4	7	3	4	1	0	0	0	0	0	0	0	0	4	
20	0	0	0	0	0	2	6	16	7	8	3	2	2	****	****	****	1	1	3	6	3	8	3	4	
21	0	0	0	0	0	1	12	29	25	48	21	19	4	10	16	43	16	0	0	1	1	3	4	12	
22	0	0	0	0	0	0	8	14	10	7	6	1	1	1	1	6	19	59	23	7	78	34	5	13	
23	0	0	0	0	0	21	34	14	6	5	6	0	0	0	1	4	0	6	36	89	26	141	188	26	
24	14	2	1	11	65	149	114	43	28	16	7	4	2	11	5	11	13	2	7	15	15	87	79	31	
25	16	12	17	21	66	112	65	29	43	****	****	****	****	****	****	41	20	41	82	20	31	23	17	39	
26	6	13	10	17	105	88	23	15	24	18	20	12	23	24	75	96	144	178	113	113	114	159	193	67	

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	50	90	95	98	99	1-HR	24-HR	STDEV	PERCENT VALID DATA
7	7	28	7	88	140	185	230	0-370	1-130	4.5	90

NOTES : 1. MEANS INVALID DATA

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/07/11

SITE : SHA TIN

POLLUTANT : NO2

NITROGEN DIOXIDE

UNIT : MICROGRAMS PER CUBIC METRE

YEAR : 1997

MONTH : APR

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	5	4	3	18	29	40	33	21	21	26	18	19	32	30	35	30	34	25	38	26	14	
2	7	8	7	7	8	8	20	25	59	57	39	47	40	41	40	60	54	61	64	60	72	71	62	61	
3	46	26	46	33	46	33	45	47	46	46	40	48	49	37	40	52	61	47	49	53	50	41	49	49	
4	19	35	23	31	35	23	40	71	97	113	116	110	116	117	124	116	112	117	110	103	104	96	83	83	
5	74	69	66	63	66	63	67	82	95	72	50	48	63	123	136	141	145	149	150	134	129	125	116	110	
6	84	67	62	58	62	58	47	31	20	29	34	29	19	38	49	80	59	31	38	31	31	31	31	42	
7	5	4	2	8	2	8	15	23	48	36	29	21	22	51	70	73	48	50	53	50	30	49	73	35	
8	69	42	57	43	57	43	71	85	98	91	75	76	86	78	80	73	62	53	70	79	90	98	91	87	
9	22	26	32	44	49	56	74	83	82	82	82	60	63	78	***	***	83	95	72	61	53	20	25	14	
10	8	6	6	17	48	17	48	78	89	90	33	35	38	60	67	57	56	42	49	45	32	36	45	32	
11	34	36	19	28	19	28	47	54	66	61	27	25	21	37	28	44	73	111	139	132	119	104	96	87	
12	72	43	10	9	10	9	37	35	31	31	24	15	11	14	19	27	32	21	21	25	21	18	22	13	
13	8	10	25	12	16	16	16	16	21	45	27	29	21	34	34	50	43	58	46	77	92	95	92	99	
14	74	42	33	37	37	37	58	60	63	50	53	42	46	52	67	71	75	80	85	86	82	68	47	48	
15	48	43	43	42	43	42	40	48	53	50	65	86	88	92	82	85	91	105	126	141	136	91	58	54	
16	31	8	3	7	3	7	31	45	56	60	54	44	31	15	11	14	16	43	37	38	35	47	50	36	
17	8	5	6	8	6	8	20	40	34	31	29	20	18	16	20	29	31	37	33	18	17	13	18	20	
18	14	21	16	38	16	38	75	80	71	78	84	***	***	77	74	46	40	79	88	80	84	89	88	83	
19	59	64	48	17	47	47	47	61	46	27	24	41	24	35	41	23	32	42	40	33	24	22	30	22	
20	8	6	5	5	6	5	6	20	18	23	22	25	11	25	31	21	28	36	33	43	25	21	17	28	
21	36	22	11	25	11	25	49	60	75	68	39	34	40	45	41	39	78	93	79	77	80	48	57	63	
22	48	21	39	49	50	59	50	59	61	51	33	37	38	46	27	17	33	29	26	42	35	48	37	31	
23	9	9	8	14	37	69	37	69	80	48	28	31	28	39	26	34	21	29	39	22	23	29	22	21	
24	9	8	8	13	40	49	40	49	54	35	36	19	22	27	***	***	***	60	67	70	74	44	54	35	
25	16	9	9	12	25	37	25	37	50	47	55	45	51	38	57	60	91	73	44	38	62	70	106	75	
26	10	7	8	22	74	64	64	64	69	65	45	42	22	19	24	41	69	118	149	138	79	149	129	101	
27	21	22	22	46	114	114	114	114	97	70	76	66	29	23	31	55	83	67	102	136	137	115	137	131	
28	101	82	72	81	89	113	89	113	124	104	78	46	38	31	82	67	90	96	53	63	76	73	79	74	
29	49	41	39	42	44	57	42	44	68	63	66	***	***	***	***	***	48	40	55	58	46	46	46	44	
30	37	32	27	26	32	38	32	38	30	30	37	31	40	35	43	44	62	72	75	62	58	57	59	58	

MONTHLY STATISTICS :		ARITH MEAN		MEDIAN		PERCENTILES-----		RANGE-----		STD DEVIATION		PERCENT VALID DATA		NUMBER OF TIMES ABOVE OBJECTIVE	
GEOM MEAN	MEAN	50	90	95	98	99	1-HR	24-HR	1-1.3	90	1-HR	24-HR	0	0	
40	51	45	92	116	136	141	2-150	21-100	1.3	90	0	0	0	0	

NOTES : 1. *** MEANS INVALID DATA
 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 300 OR 24HR OBJECTIVE 150

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/08/14

SITE : SHA TIN

MONTH : MAY

YEAR : 1997

POLLUTANT : SO2 UNIT : MICROGRAMS PER CUBIC METRE

SULPHUR DIOXIDE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	9	7	10	12	9	11	19	23	28	27	25	14	18	30	18	10	5	4	5	7	11	8	7	16
2	16	16	16	12	9	11	19	23	28	27	25	14	18	30	18	10	5	4	5	7	11	8	7	16	
3	9	7	10	12	9	11	19	23	28	27	25	14	18	30	18	10	5	4	5	7	11	8	7	16	
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	13	6	6	6	5	3	5	4	7	9	6	6	6	14	23	26	15	19	44	58	48	6	8	6	
8	3	2	2	2	1	1	2	2	3	6	3	2	10	10	6	5	6	26	29	18	19	25	14	3	
9	10	10	10	4	3	5	8	11	14	21	21	27	19	17	10	3	1	2	2	1	2	1	1	0	
10	0	0	0	0	0	1	1	2	3	3	3	0	0	1	0	1	0	2	2	2	4	1	2	2	
11	2	3	3	5	4	3	8	5	4	6	4	4	3	2	3	2	1	2	3	3	3	3	3	3	
12	0	0	0	0	0	1	2	2	3	3	3	3	2	2	2	2	3	3	5	6	5	4	4	2	
13	0	0	0	0	0	0	0	0	3	4	5	5	3	2	3	3	3	3	3	3	5	5	4	3	
14	0	0	0	1	0	1	2	3	4	6	11	7	19	38	90	95	118	93	43	13	16	18	19	23	
15	15	25	20	22	25	24	46	69	85	43	46	4	4	3	3	3	5	21	83	58	56	7	22		
16	2	1	3	3	4	4	10	8	9	7	6	6	2	3	0	0	2	1	3	3	3	3	2	2	
17	2	19	23	9	16	19	8	9	15	12	12	10	11	12	19	16	17	27	21	14	24	34	49	30	
18	5	2	0	0	0	0	0	3	5	12	16	2	3	9	2	3	32	75	36	21	34	44	24	7	
19	10	24	13	11	19	21	25	31	21	20	20	12	3	3	3	4	4	4	5	5	7	17	23	18	
20	8	4	2	5	12	15	22	19	20	14	14	18	16	5	4	2	5	5	7	6	8	7	6	5	
21	2	0	0	0	1	3	3	4	4	4	5	8	6	5	4	5	5	3	4	6	5	3	2	0	
22	0	0	0	0	0	0	0	1	3	4	4	3	0	0	0	2	.....	.....	2	1	5	8	14	4
23	12	9	5	3	2	3	3	4	7	6	6	9	11	8	7	11	11	10	9	10	6	4	5	3	
24	0	0	0	3	2	2	3	5	11	15	10	10	6	5	6	11	12	7	4	3	5	9	18	7	
25	10	14	15	13	13	14	20	14	14	14	10	5	5	6	7	6	7	7	8	7	9	11	9	10	
26	7	5	4	3	3	3	10	14	17	9	6	5	5	19	40	41	38	43	44	81	61	40	31	20	
27	13	16	17	19	17	22	24	19	18	16	16	23	30	20	17	23	30	75	40	59	59	40	25	14	
28	6	5	3	3	3	3	8	12	8	7	5	.....	.....	.....	.....	.....	.....	15	33	43	21	22	32	31
29	20	15	12	12	11	15	20	31	44	54	42	42	33	17	8	13	53	63	50	46	36	36	28	21	
30	17	11	9	10	13	13	24	37	28	25	11	7	7	18	66	61	63	73	71	50	60	49	50	52	
31	24	18	19	26	32	32	35	42	50	69	69	117	141	104	32	24	19	7	7	7	18	8	15	3	

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	50	90	95	98	99	PERCENTILES----->>>	1-HR	24-HR	RANGE----->>>	STD GEOM DEVIATION	PERCENT VALID DATA	NUMBER OF TIMES ABOVE OBJECTIVE
7	7	13	7	33	50	71	90	<----->	0- 141	1- 39	0- 141	2	95	0 0 0

NOTES : 1. MEANS INVALID DATA
 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 800 OR 24HR OBJECTIVE 350

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/08/14

SITE : SHA TIN

MONTH : MAY

YEAR : 1997

UNIT : MICROGRAMS PER CUBIC METRE

POLLUTANT : NOX NITROGEN OXIDES

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	269	244	157	189	285	270	252	211	184	87	85	108	58	48	47	54	61	94	115	88	66	77	139		
2	25	51	72	80	84	76	59	50	39	34	34	40	37	50	81	64	76	68	39	62	135				
3	16	39	42	89	91	169	183	154	129	120	92	60	85	121	180	142	118	68	92	150	138	53	106		
4	23	54	48	62	43	61	105	113	111	126	103	54	43	45	33	28	44	37	19	47	126	154	67		
5	11	7	8	13	18	114	72	34	34	57	58	95	****	****	60	70	70	123	180	95	37	17	59		
6	5	6	14	15	20	71	86	92	94	149	97	60	43	42	44	24	58	71	197	95	152	134	71		
7	54	59	44	61	135	121	172	204	100	81	114	69	101	102	86	119	242	393	430	84	100	92	135		
8	23	23	43	59	94	203	233	161	115	266	284	207	84	85	75	114	180	225	274	358	248	74	156		
9	72	79	73	91	119	214	252	219	289	316	302	202	125	50	36	54	53	39	42	37	34	16	123		
10	4	7	6	29	51	134	175	155	106	28	24	34	25	34	41	43	55	48	71	38	54	57	55		
11	57	86	76	83	168	111	70	80	44	48	31	31	31	35	33	35	53	61	48	49	59	64	62		
12	9	7	8	14	23	50	64	63	46	40	30	30	40	35	34	53	72	72	69	56	60	48	42		
13	11	5	4	9	30	57	71	68	55	57	46	42	33	40	43	55	62	66	74	62	62	50	45		
14	14	13	12	17	47	52	62	76	86	67	70	68	108	112	136	116	115	96	95	160	123	96	79		
15	47	28	27	41	71	81	100	85	53	57	24	24	25	26	38	57	113	84	81	37	59	67	56		
16	7	8	9	13	45	59	61	48	43	38	21	23	17	20	24	27	31	33	33	26	27	38	30		
17	59	62	23	45	82	117	133	129	102	70	64	62	67	79	89	129	119	129	188	233	240	196	110		
18	17	5	9	20	47	72	63	71	69	90	138	162	46	25	62	124	101	65	79	78	56	34	65		
19	29	23	21	30	48	79	101	86	75	55	37	34	37	45	46	51	64	90	143	150	140	196	72		
20	72	46	75	65	143	271	187	207	160	137	108	46	46	31	58	66	115	88	88	74	67	56	100		
21	6	5	6	17	44	47	42	47	46	53	77	78	63	92	119	68	81	95	71	62	58	46	56		
22	6	4	5	10	41	63	94	97	79	57	44	36	46	****	****	78	65	50	93	88	100	70	56		
23	10	19	20	21	43	82	118	87	74	102	115	83	80	97	95	98	106	122	80	57	72	42	75		
24	11	18	25	20	48	100	159	157	78	75	50	45	64	106	114	83	71	91	124	242	370	397	111		
25	224	120	62	27	54	73	66	66	53	29	14	18	18	21	31	44	88	63	92	124	231	246	80		
26	71	45	39	49	168	256	220	76	65	41	35	83	150	154	121	116	107	148	171	221	256	177	126		
27	67	65	62	78	175	275	209	103	88	128	134	82	84	131	121	119	109	180	282	288	246	138	144		
28	57	27	20	36	133	195	84	42	32	****	****	****	****	****	****	126	181	194	181	197	264	256	127		
29	129	132	113	126	162	220	205	126	77	53	44	59	32	75	139	158	172	150	112	164	192	191	129		
30	133	127	156	125	129	267	169	133	64	47	36	70	144	122	173	235	209	228	280	324	315	244	170		
31	53	43	39	57	157	188	160	202	162	150	144	131	73	45	40	42	62	75	174	72	126	43	102		

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	50	90	95	98	99	1-MR	4-430	30-170	24-HR	STD GEOM DEVIATION	PERCENT VALID DATA
67	71	90	71	189	242	284	316	4-430	30-170	1.4	90		

NOTES : 1. MEANS INVALID DATA

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/08/14

SITE : SIA TIN

MONTH : MAY

YEAR : 1997

POLLUTANT : NO NITRIC OXIDE

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	148	131	77	97	154	141	126	101	81	24	22	31	12	7	6	6	7	20	29	15	5	9	57		
2	0	0	4	19	74	49	21	21	18	11	7	5	5	7	9	7	9	24	15	21	16	3	16		
3	0	6	7	35	82	89	71	52	43	27	12	24	43	79	56	46	13	28	67	62	11	41			
4	0	14	11	20	10	15	32	38	16	46	6	7	7	3	1	4	5	0	10	49	66	19			
5	0	0	0	0	1	48	25	8	7	9	10	25	.....	.....	11	13	12	41	81	39	4	0	17
6	0	0	0	0	0	18	19	15	16	42	22	14	7	8	3	19	22	99	27	53	43	20			
7	6	9	1	10	53	43	67	88	36	23	43	18	29	29	17	34	114	216	242	21	35	36	53		
8	1	1	6	18	36	101	121	78	51	135	148	101	33	35	31	56	95	123	155	208	139	22	77		
9	17	24	23	35	48	110	132	106	146	159	148	90	48	10	2	6	5	1	1	1	2	0	51		
10	0	0	0	0	2	32	54	45	26	1	1	4	0	2	2	3	5	2	7	0	3	2	9		
11	1	19	14	23	75	41	21	25	11	14	9	9	9	11	10	8	14	18	11	12	16	20	18		
12	0	0	0	0	1	12	20	18	11	8	6	5	9	6	5	9	16	17	16	9	11	6	8		
13	0	0	0	0	4	13	22	14	13	11	10	10	22	8	11	13	15	18	22	16	15	9	11		
14	0	0	0	0	11	13	18	22	24	16	19	22	43	43	58	45	42	29	31	73	48	32	27		
15	7	0	0	5	21	29	40	32	17	19	6	6	7	6	9	17	49	28	25	5	16	20	17		
16	0	0	0	1	10	20	22	16	12	11	6	7	5	5	5	4	4	5	5	4	5	3	9	7	
17	4	5	0	0	15	35	46	49	37	19	15	15	17	20	22	40	39	50	88	121	126	101	39		
18	0	0	0	1	6	24	22	26	23	28	50	60	14	5	19	48	33	10	18	17	11	2	19		
19	1	0	0	1	5	19	29	23	19	12	6	5	4	6	7	7	11	7	24	25	24	62	14		
20	5	1	10	8	57	132	72	82	55	33	19	5	7	2	7	8	25	13	16	11	8	5	26		
21	0	0	0	0	1	2	3	3	3	4	9	10	4	8	20	6	8	14	7	4	3	1	5		
22	0	0	0	0	1	4	14	16	9	4	2	1	1	.....	.....	9	3	0	19	20	28	13	7
23	0	0	0	0	2	19	39	22	17	29	38	21	15	24	24	25	26	36	11	5	10	3	17		
24	0	0	0	0	6	35	70	69	22	18	6	7	13	30	30	12	10	16	29	97	180	198	39		
25	89	22	0	0	1	11	16	13	7	2	0	0	0	0	0	1	6	3	8	20	80	91	17		
26	2	0	0	3	64	109	85	14	11	4	3	13	25	26	14	10	4	13	26	66	95	51	29		
27	2	3	3	14	74	126	80	22	14	24	23	9	7	14	10	9	5	27	98	107	84	25	35		
28	0	0	0	0	0	48	74	12	4	2	.....	.....	.....	.....	.....	11	30	36	38	61	105	107	33
29	35	38	26	38	64	96	81	29	9	3	2	2	1	6	13	14	22	17	6	33	54	64	30		
30	28	28	49	34	40	128	64	42	10	6	2	6	9	0	7	33	24	36	78	121	114	73	42		
31	0	1	0	4	52	61	31	34	25	18	19	15	3	1	1	2	4	10	71	19	49	4	19		

MONTHLY STATISTICS :

GEOM:	MEAN	MEDIAN	ARITH MEAN	PERCENTILES	RANGE	STD GEOM DEVIATION	PERCENT VALID DATA
11	14	14	26	50 90 95 99	0- 242 5- 77	2.9	90

NOTES : 1. MEANS INVALID DATA

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/08/14

SITE : SWA TIN

MONTH : MAY

YEAR : 1997

POLLUTANT : NO2 NITROGEN DIOXIDE

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	43	44	43	44	39	41	49	54	59	56	60	50	51	60	40	37	38	45	50	63	70	65	58	63	52
2	26	45	43	49	42	46	54	55	69	69	45	46	48	39	26	23	26	26	36	44	41	44	43	34	38
3	19	30	31	35	31	35	33	44	47	45	49	54	51	42	48	55	59	56	48	44	49	47	43	36	44
4	23	32	31	31	31	31	28	38	56	55	56	55	52	34	32	34	28	26	38	29	19	32	51	53	38
5	12	8	9	13	9	13	16	40	34	22	23	43	43	57	****	****	43	50	51	60	56	35	31	17	33
6	7	8	14	16	14	16	20	43	57	69	69	85	63	38	32	30	32	19	29	37	46	54	71	68	41
7	45	45	42	46	42	46	54	55	69	69	45	46	48	41	56	57	60	67	68	63	60	52	46	37	53
8	21	21	31	34	31	34	39	48	48	48	48	31	58	52	31	28	28	35	35	37	37	40	35	40	38
9	46	42	38	37	38	37	45	46	50	57	66	73	76	64	51	35	31	45	45	37	40	35	31	19	46
10	7	10	9	32	38	32	48	85	92	86	66	26	22	28	25	31	38	47	45	45	60	38	49	54	43
11	55	57	54	48	54	48	53	48	38	42	27	27	17	18	18	17	18	23	31	33	33	31	34	34	34
12	12	10	11	15	11	15	21	32	33	35	29	28	21	22	26	26	26	39	47	46	44	42	43	39	29
13	12	7	6	9	24	30	37	30	37	33	33	29	27	21	23	26	35	39	38	40	40	37	39	36	28
14	15	14	13	17	13	17	30	32	34	42	49	42	41	34	42	46	47	47	51	51	47	48	49	47	38
15	36	29	28	33	39	37	39	37	39	36	27	28	15	15	14	17	24	31	38	41	43	29	34	36	30
16	7	8	9	11	9	11	10	28	27	23	25	21	12	12	9	12	16	21	25	25	25	20	22	24	19
17	53	54	24	45	24	45	59	63	62	54	45	41	41	39	41	48	55	68	59	52	53	48	47	41	50
18	17	7	10	18	35	29	31	34	47	61	70	25	17	33	50	50	50	50	50	50	51	52	39	31	36
19	27	23	21	28	40	50	56	51	46	37	28	26	31	36	35	40	47	79	106	111	106	111	103	101	51
20	64	44	60	53	56	69	77	81	76	86	79	86	79	38	35	28	47	54	77	68	63	57	55	48	60
21	8	5	8	17	42	44	42	44	37	42	41	47	63	62	57	79	88	59	69	73	60	56	53	44	48
22	8	6	7	11	39	57	72	72	65	51	41	51	41	34	44	****	****	64	60	50	64	57	50	45	45
23	31	20	21	22	40	53	58	53	58	53	48	57	57	51	57	60	58	60	66	67	63	49	57	37	49
24	17	24	31	24	31	24	39	46	52	51	44	47	41	34	44	60	68	64	56	66	79	93	95	94	53
25	88	86	62	28	52	56	52	56	41	46	42	26	14	18	21	31	42	79	58	58	79	93	108	107	54
26	68	45	40	44	70	89	90	89	90	54	48	35	30	63	111	114	99	100	128	131	131	120	110	99	81
27	64	60	57	56	62	82	86	69	66	69	66	91	98	68	71	109	105	105	101	138	132	124	117	99	89
28	57	28	21	36	59	82	65	36	29	36	29	****	****	****	****	****	****	109	135	138	122	103	103	92	76
29	75	74	73	68	64	73	81	81	63	48	41	48	41	56	30	66	119	136	124	124	102	113	109	93	83
30	90	84	81	73	68	71	71	69	49	38	33	33	33	61	130	122	162	184	172	172	160	139	140	132	105
31	53	41	39	51	77	94	112	149	123	122	122	115	108	68	43	38	39	56	60	65	43	51	37	72	

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	PERCENTILES	RANGE	STD GEOM DEVIATION	PERCENT VALID DATA	NUMBER OF TIMES ABOVE OBJECTIVE
43	45	50	50 90 95 98 99	1-184 19-105	1.2	90	0 0

NOTES : 1. **** MEANS INVALID DATA
 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 100 OR 24HR OBJECTIVE 150

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/09/11

SITE : SHA TIIH

POLLUTANT : SO2

SULPHUR DIOXIDE

MONTH : JUN

YEAR : 1997

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	3	3	3	4	6	11	12	7	7	4	3	3	3	3	1	2	1	3	28	42	27	36	50	11
2	38	17	5	10	9	10	12	15	15	15	17	20	10	23	27	11	11	15	16	9	30	10	10	7	15
3	15	55	5	0	0	2	4	9	11	11	24	42	15	11	3	9	11	23	44	35	31	39	49	19	
4	31	0	0	0	0	1	2	2	6	6	5	6	16	22	18	34	9	16	32	48	53	60	39	36	19
5	40	23	3	3	5	16	20	16	6	6	29	9	35	11	1	.....	10	20	71	45	43	29	30	14	22
6	8	4	3	2	2	6	6	30	20	20	3	1	9	2	2	2	29	32	41	26	6	4	4	3	11
7	3	25	28	25	26	21	22	47	19	5	5	6	10	14	3	2	1	4	7	27	24	19	20	16	16
8	2	2	2	0	1	1	1	1	1	1	1	2	0	2	1	1	1	2	2	3	3	9	2	2	2
9	2	2	0	0	1	2	2	2	4	4	3	4	7	4	3	3	2	3	3	3	3	3	11	8	3
10	8	5	7	14	15	22	18	10	11	11	26	11	4	7	14	24	19	14	20	23	27	29	27	30	17
11	42	44	49	60	78	115	109	71	52	31	28	34	34	59	80	72	47	50	97	90	93	69	57	46	64
12	40	43	75	52	43	49	54	56	54	40	34	26	19	24	19	17	12	16	18	16	16	19	25	19	33
13	9	7	4	1	2	2	6	5	5	5	3	4	4	4	9	8	7	6	12	13	13	10	9	8	7
14	3	0	0	0	2	4	7	15	17	24	70	30	8	19	13	24	30	36	36	36	18	11	15	5	17
15	3	0	0	1	0	3	3	4	4	4	0	0	1	1	0	2	2	1	0	1	0	0	0	0	1
16	0	0	0	0	0	0	4	5	6	6	9	7	6	3	1	.....	.....	7	8	6	6	2	0	0	3
17	0	0	0	0	0	3	2	5	5	5	6	.....	.....	2	2	5	4	9	6	7	4	4	2	1	3
18	0	1	1	2	3	4	6	8	11	11	3	7	7	7	4	4	3	3	3	4	7	3	2	1	4
19	0	0	0	0	1	0	1	6	3	3	4	3	2	3	3	2	3	3	4	5	9	6	3	3	3
20	1	1	2	3	2	3	7	8	7	7	5	3	22	42	46	129	53	88	58	78	134	63	45	38	36
21	11	7	3	4	4	10	8	14	28	28	7	6	3	6	11	11	16	69	71	38	38	54	16	13	19
22	6	4	5	3	4	0	3	4	23	13	24	45	40	53	17	26	25	18	32	27	25	11	7	18	
23	8	7	3	0	1	8	8	9	30	16	27	5	3	3	3	8	54	33	20	24	27	50	35	17	18
24	5	26	35	9	8	14	17	7	5	27	29	12	7	16	15	11	13	15	50	44	35	38	35	21	21
25	35	21	12	5	2	9	10	15	11	25	15	15	25	17	141	288	85	29	29	57	66	47	34	25	44
26	22	19	15	12	8	11	11	13	10	24	8	5	7	14	22	25	41	54	116	74	55	55	46	30	30
27	28	21	21	19	18	25	33	33	19	18	20	19	17	14	23	86	66	57	75	67	45	43	33	35	
28	27	20	13	11	13	20	21	19	14	6	6	25	41	17	5	9	6	6	7	20	24	15	8	15	
29	7	5	6	5	4	4	6	8	3	3	2	4	4	4	18	12	4	3	2	4	4	7	9	8	6
30	4	4	4	6	7	4	9	10	8	8	19	26	13	12	7	4	25	44	41	65	18	51	29	16	19

MONTHLY STATISTICS :

GEOM MEAN	MEAN	APRTH MEAN	PERCENTILES	RANGE	STD GEOM DEVIATION	PERCENT VALID DATA	NUMBER OF TIMES ABOVE OBJECTIVE 1-HR 24-HR
9	9	18	50 90 95 99	0- 288 1- 64	2.2	95	0 0

NOTES : 1. MEANS INVALID DATA
 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 800 OR 24HR OBJECTIVE 350

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/09/11

SITE : SHUA TIN

MONTH : JUN

YEAR : 1997

UNIT : MICROGRAMS PER CUBIC METRE

POLLUTANT : NOX NITROGEN OXIDES

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	43	40	36	51	102	114	101	78	52	41	37	33	32	37	42	83	202	196	227	269	224	224	94		
2	54	29	58	83	98	160	92	82	72	57	40	42	48	59	65	65	59	79	50	71	59	71	59	67	
3	86	38	27	24	76	143	243	259	181	135	95	64	29	34	49	68	82	109	80	83	96	78	95		
4	12	13	21	42	58	135	182	195	119	127	127	70	69	120	65	83	109	126	133	120	90	98	82		
5	44	22	27	63	204	98	126	71	51	31	53	****	****	42	68	77	132	113	92	106	103	82	82		
6	60	45	25	27	40	60	99	69	28	22	33	24	22	29	70	86	102	53	50	43	33	50	50		
7	49	46	37	35	35	46	65	46	28	28	26	34	40	27	25	28	33	41	59	53	45	39	39		
8	8	8	5	8	14	20	22	21	20	19	20	24	22	23	25	29	24	25	27	30	21	20	20		
9	11	6	6	12	22	25	25	29	27	34	35	28	23	22	25	26	31	32	28	32	51	43	26		
10	17	17	25	27	39	69	60	66	84	57	36	47	61	112	92	77	181	301	352	390	413	303	128		
11	176	155	140	145	199	223	214	188	105	106	172	186	156	150	130	145	228	226	238	326	312	299	192		
12	197	215	199	156	214	259	182	101	115	78	69	78	100	64	67	72	136	341	294	233	311	240	169		
13	105	44	16	19	67	201	202	121	82	47	86	114	246	177	150	229	331	470	311	308	207	201	170		
14	21	28	22	48	90	160	194	162	180	157	105	96	241	152	221	290	444	416	286	175	270	76	174		
15	17	9	21	30	61	69	76	64	32	23	34	33	27	50	47	35	44	39	20	22	40	30	37		
16	7	6	4	9	31	138	237	198	186	212	187	94	46	45	124	233	226	181	144	65	31	36	111		
17	16	17	11	16	76	101	176	152	112	****	****	59	****	****	63	109	79	83	68	71	35	26	71		
18	16	17	21	27	53	94	129	128	108	36	96	116	73	57	56	59	56	50	70	54	41	38	63		
19	7	6	12	24	28	39	91	47	56	40	29	32	28	32	40	51	83	96	114	84	55	57	48		
20	20	16	18	28	45	88	91	82	49	28	88	91	****	****	167	121	109	189	288	336	342	281	124		
21	87	53	62	67	145	101	102	112	65	54	31	52	104	82	107	142	160	115	229	235	157	186	112		
22	83	72	53	62	87	119	122	274	148	159	210	143	134	124	130	106	75	122	121	117	123	113	123		
23	91	25	17	35	185	232	256	296	106	92	38	29	26	30	46	98	77	100	128	197	131	102	106		
24	33	34	38	58	91	173	168	144	242	177	83	45	65	57	66	89	124	200	266	273	277	311	137		
25	185	158	86	43	165	218	298	169	96	53	58	47	121	195	105	76	103	129	195	254	245	217	146		
26	166	150	133	74	130	136	156	184	158	112	127	198	333	305	274	318	363	459	538	452	557	551	267		
27	358	375	353	337	421	177	178	119	90	65	107	80	87	108	219	298	298	394	323	356	392	401	258		
28	242	143	152	164	200	210	174	129	64	49	62	147	160	79	108	81	80	82	194	249	189	130	140		
29	81	92	79	75	118	136	107	27	25	30	58	62	46	93	83	64	39	58	81	180	194	225	89		
30	91	111	59	78	183	108	97	105	83	101	54	65	67	58	70	111	126	115	85	153	132	158	100		

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	STDEV	PERCENT
78	83	112	1.5	91

NOTES : 1. MEANS INVALID DATA

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/09/11

SITE : SHIA TIN

MONTH : JUN

YEAR : 1997

POLLUTANT : NO NITRIC OXIDE UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	5	14	32	41	48	41	27	14	9	7	3	5	6	5	5	21	96	94	116	143	113	38
2	11	15	2	4	12	20	11	4	32	27	23	16	10	11	12	12	12	15	12	10	20	8	19	13	20
3	31	3	3	23	60	117	127	78	54	33	20	7	9	13	17	22	38	23	25	34	25	34	25	35	35
4	0	0	0	1	5	10	47	36	44	40	17	14	37	17	26	35	51	47	55	50	32	32	32	32	32
5	12	1	1	17	101	37	51	21	15	9	17	9	17	9	17	9	15	19	53	42	43	29	38	37	28
6	18	8	1	2	6	14	35	21	6	5	9	5	5	5	5	6	20	28	35	24	8	8	6	3	12
7	7	5	1	4	12	20	11	8	8	10	12	7	6	5	5	6	5	5	6	7	14	11	7	6	8
8	0	0	0	0	0	1	3	4	5	5	5	5	5	6	5	4	4	5	5	3	3	3	4	2	3
9	0	0	0	0	1	2	4	5	6	7	8	7	5	5	5	5	5	5	5	5	3	3	10	7	5
10	1	1	1	2	6	20	18	18	25	12	8	9	27	21	14	67	145	180	208	224	153	153	153	53	53
11	84	57	47	52	98	93	73	23	20	54	55	29	17	16	25	63	59	69	139	135	133	133	64	64	
12	71	81	73	53	86	105	60	12	14	4	10	12	5	5	3	25	130	110	77	127	88	88	53	53	
13	25	3	0	0	16	89	87	36	19	6	18	25	96	56	43	88	158	248	154	155	92	91	68	68	
14	1	1	1	1	6	25	62	80	61	69	55	27	21	106	57	92	134	218	139	69	130	15	73	73	
15	0	0	0	0	2	6	9	11	7	2	4	5	3	6	6	4	3	4	3	3	1	2	1	4	
16	0	0	0	0	0	0	1	44	92	75	68	89	78	33	17	13	43	101	99	68	54	1	1	41	
17	0	0	0	0	0	0	11	22	61	46	27	27	27	6	6	7	19	8	8	5	2	0	0	12	
18	0	0	0	0	0	0	3	18	32	31	25	4	18	27	11	8	5	4	4	5	13	3	1	2	10
19	0	0	0	0	0	0	1	2	20	4	7	4	4	4	4	4	4	3	7	14	30	14	5	5	6
20	0	0	0	0	1	5	25	28	21	12	12	4	17	14	6	36	17	16	66	132	169	174	139	44	
21	31	8	13	23	70	37	35	40	17	11	6	13	31	21	30	54	63	47	108	47	108	114	66	83	42
22	28	21	13	17	26	44	45	138	61	65	96	55	50	44	48	15	15	41	42	41	42	40	45	46	
23	29	0	0	2	84	111	124	144	37	27	9	7	6	7	12	32	16	24	40	86	43	25	39	39	
24	2	2	2	7	28	76	69	53	113	75	28	13	20	17	17	25	44	91	135	141	144	169	58	58	
25	96	81	36	11	84	112	158	75	35	35	15	17	13	47	92	40	20	31	89	47	89	130	113	67	
26	84	75	65	27	64	64	70	85	70	85	70	39	44	88	172	153	130	157	193	254	307	328	325	139	
27	210	220	207	196	250	211	84	47	31	17	33	23	22	35	102	115	151	151	212	166	190	218	226	135	
28	129	71	78	85	105	107	81	52	17	11	15	58	67	23	40	25	22	23	91	129	90	53	62	62	
29	32	39	32	28	52	63	45	8	6	6	17	18	9	31	26	15	8	15	27	87	102	123	36	36	
30	38	52	17	30	98	49	39	42	29	40	17	20	21	18	22	45	53	48	28	48	72	59	76	42	

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	PERCENTILES-----	PERCENT RANGE-----	STD GEOM DEVIATION	PERCENT VALID DATA
18	22	43	50 90 95 98 99	1-HR 24-HR	3	91

NOTES : 1. MEANS INVALID DATA

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/09/11

SITE : SIA TIN

POLLUTANT : NO2 NITROGEN DIOXIDE

MONTH : JUN

YEAR : 1997

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	35	32	28	29	33	37	30	27	26	28	25	23	29	34	51	55	52	50	50	50	50	50	51	37	
2	37	26	34	35	42	43	41	37	32	25	30	41	38	42	46	44	48	38	42	39	42	39	37	37	
3	38	27	22	19	41	64	65	62	52	33	18	20	29	42	48	51	45	44	40	41	45	44	41	48	
4	12	13	19	34	43	73	77	64	60	66	44	47	63	39	43	55	57	54	49	41	48	41	48	39	
5	26	20	25	37	49	41	48	39	28	27	***	***	34	45	48	48	47	48	48	46	46	46	39	37	
6	32	33	23	24	31	38	45	37	19	14	16	14	19	43	48	45	41	38	34	28	31	28	31	31	
7	38	38	35	33	29	28	34	26	16	14	19	22	16	20	24	30	37	36	34	30	27	30	27	27	
8	8	8	5	8	12	15	13	12	11	12	15	14	15	17	21	19	20	22	24	18	15	18	15	15	
9	11	6	6	10	19	17	20	18	23	23	17	15	14	17	18	23	24	27	36	32	19	19	19	19	
10	15	15	23	24	30	38	32	38	46	39	24	33	47	70	60	55	78	79	72	70	69	47	47	47	
11	66	68	68	65	70	73	72	76	70	75	89	102	111	124	105	106	131	135	132	113	105	95	93	93	
12	88	91	87	75	82	98	82	90	82	93	63	62	81	56	59	67	97	142	125	115	116	105	88	88	
13	67	39	16	19	42	65	69	66	53	38	58	76	99	91	84	94	89	91	75	71	66	62	65	65	
14	19	26	20	39	52	65	71	69	74	73	64	64	79	65	80	85	86	83	73	69	71	53	63	63	
15	17	9	21	27	52	55	59	53	29	20	28	25	22	41	38	29	39	34	18	20	37	28	32	32	
16	7	6	4	9	29	71	96	83	82	82	68	43	20	25	58	78	74	77	61	30	29	34	48	48	
17	16	17	11	16	59	67	82	81	70	***	***	50	***	***	52	80	67	75	65	68	35	26	52	52	
18	16	17	21	27	48	66	80	80	70	30	68	74	56	45	48	53	50	42	50	49	39	35	48	48	
19	7	6	12	24	26	36	60	41	45	34	23	26	22	26	34	46	72	74	68	62	47	49	38	38	
20	20	16	18	26	37	50	48	50	31	22	62	69	***	***	112	95	84	88	86	77	76	68	57	57	
21	39	41	42	32	38	44	48	51	39	37	22	32	56	50	61	59	63	63	64	61	56	59	48	48	
22	40	40	33	36	47	52	53	63	55	59	63	59	57	57	56	52	52	52	59	57	56	54	52	52	
23	47	25	17	32	56	62	66	76	49	51	24	18	17	19	28	49	52	63	67	65	65	64	46	46	
24	30	31	35	47	48	57	62	63	69	62	40	25	34	31	40	51	57	61	59	57	57	53	49	49	
25	38	34	31	26	47	56	54	42	42	30	32	27	49	54	44	45	55	57	59	55	48	44	44	44	
26	37	35	34	33	32	38	49	54	51	52	60	63	70	71	75	78	68	71	69	57	56	54	55	55	
27	37	39	37	37	39	54	49	47	42	39	56	45	53	54	63	63	67	70	69	65	59	55	52	52	
28	45	34	33	34	39	46	50	49	38	32	39	58	57	44	47	41	46	47	55	52	51	49	45	45	
29	32	32	30	32	38	40	38	15	16	21	32	34	32	45	43	41	27	35	40	47	38	37	34	34	
30	33	31	33	32	33	33	37	41	39	40	28	34	35	30	36	42	45	41	42	42	42	42	42	37	

MONTHLY STATISTICS :	GEOM MEAN	MEDIAN	ARITH MEAN	PERCENTILES----->>>					RANGE----->>>		STD GEOM DEVIATION	PERCENT VALID DATA	NUMBER OF TIMES ABOVE OBJECTIVE 1-HR 24-HR	
				50	90	95	98	99	1-HR	24-HR				
40	43	46	46	43	75	87	105	116	4- 142	15- 93	1.2	91	0	0

NOTES : 1. MEANS INVALID DATA
 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 100 OR 24HR OBJECTIVE 150

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/09/11

SITE : SHA TIN

POLLUTANT : O3 OZONE

MONTH : JUN

YEAR : 1997

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	5	31	0	0	24	13	0	0	1	0	4	19	35	35	34	21	25	16	6	5	0	0	0	0	0	0
2	0	0	0	0	0	0	2	0	0	4	1	19	35	35	34	21	25	16	6	2	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	2	15	26	8	14	4	5	1	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	1	4	15	22	19	8	6	8	7	7	3	1	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	8	29	36	36	18	18	24	9	10	8	13	4	2	0	0	0	0	
6	0	0	0	0	0	0	0	3	6	5	6	5	17	13	15	13	7	1	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	1	1	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	2	6	15	26	8	14	4	5	1	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	1	4	15	22	19	8	6	8	7	7	3	1	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	8	29	36	36	18	18	24	9	10	8	13	4	2	0	0	0	0	
11	0	0	0	0	0	0	0	3	6	5	6	5	17	13	15	13	7	1	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	1	1	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	2	6	15	26	8	14	4	5	1	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	1	4	15	22	19	8	6	8	7	7	3	1	0	0	0	0	0	
15	0	0	0	0	0	0	0	1	8	29	36	36	18	18	24	9	10	8	13	4	2	0	0	0	0	
16	0	0	0	0	0	0	0	3	6	5	6	5	17	13	15	13	7	1	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	1	1	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	2	6	15	26	8	14	4	5	1	0	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	1	4	15	22	19	8	6	8	7	7	3	1	0	0	0	0	0	
20	0	0	0	0	0	0	0	1	8	29	36	36	18	18	24	9	10	8	13	4	2	0	0	0	0	
21	0	0	0	0	0	0	0	3	6	5	6	5	17	13	15	13	7	1	0	0	0	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	1	1	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	2	6	15	26	8	14	4	5	1	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	1	4	15	22	19	8	6	8	7	7	3	1	0	0	0	0	0	
25	0	0	0	0	0	0	0	1	8	29	36	36	18	18	24	9	10	8	13	4	2	0	0	0	0	
26	0	0	0	0	0	0	0	3	6	5	6	5	17	13	15	13	7	1	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	1	1	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	2	6	15	26	8	14	4	5	1	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	1	8	29	36	36	18	18	24	9	10	8	13	4	2	0	0	0	0	
30	0	0	0	0	0	0	0	3	6	5	6	5	17	13	15	13	7	1	0	0	0	0	0	0	0	

MONTHLY STATISTICS :

GEOM. MEAN	MEDIA:	ARITH. MEAN	PERCENTILES	RANGE	STD GEOM. DEVIATION	PERCENT. VALID DATA	NUMBER OF TIMES ABOVE OBJECTIVE 1-HR
2	0	5	50 0 19 29 35 36	0- 36 0- 10	2.1	24	0

- 1. MEANS INVALID DATA
- 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 240

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUI : 97/10/17

SITE : SHU TIN

POLLUTANT : SO2

MONTH : JUL

YEAR : 1997

UNIT : MICROGRAMS PER CUBIC METRE

SULPHUR DIOXIDE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	28	33	8	0	1	1	1	1	2	5	8	8	5	6	6	7	9	9	17	14	10	3	4	3	8	
2	0	1	0	0	0	0	0	11	8	1	3	6	9	12	7	11	2	1	1	3	2	3	1	0	4	
3	1	2	1	1	4	7	5	8	7	12	11	11	16	****	****	85	25	20	8	7	8	2	2	3	11	
4	0	0	0	0	0	0	0	0	7	3	5	8	6	3	0	0	4	5	4	7	4	4	1	0	3	
5	4	3	1	4	6	2	5	12	12	30	44	23	3	5	23	6	5	5	10	57	64	52	22	6	17	
6	5	5	2	4	4	3	6	5	5	5	5	7	3	7	8	5	8	12	19	24	31	23	29	21	11	
7	6	7	3	3	2	4	6	30	30	50	12	3	3	2	3	3	48	59	36	8	5	5	5	4	14	
8	15	12	27	33	18	20	34	37	18	38	4	4	10	13	9	9	7	49	44	16	5	4	3	3	18	
9	3	3	13	30	31	52	47	37	20	21	35	8	8	78	20	17	34	66	160	85	35	66	45	10	40	
10	6	6	14	11	5	23	19	15	8	7	7	8	23	67	96	67	146	155	160	58	42	12	21	80	46	
11	7	3	3	5	54	56	35	10	17	34	34	27	19	10	10	31	7	6	5	17	7	4	8	6	17	
12	4	4	3	3	2	7	12	12	8	11	11	11	6	5	5	4	4	3	3	3	3	3	3	3	1	5
13	1	0	0	0	2	1	2	0	0	0	0	1	0	0	1	0	2	3	1	0	0	0	0	0	1	1
14	0	0	0	0	0	0	1	2	2	1	3	3	2	3	0	2	2	3	3	3	1	2	1	1	1	1
15	0	0	0	0	0	0	3	4	2	2	2	3	3	3	3	3	4	2	8	3	0	1	2	2	2	2
16	0	1	0	0	0	0	1	1	3	3	1	2	2	3	4	3	2	2	2	2	2	0	1	1	0	1
17	0	0	1	1	1	1	3	1	3	4	3	3	****	****	1	0	4	4	5	4	4	5	6	6	3	3
18	3	1	3	0	0	0	1	13	17	11	11	12	9	29	28	29	10	5	6	6	5	3	3	2	9	
19	2	0	0	0	0	1	2	4	4	7	9	10	11	14	8	4	2	7	9	14	14	15	15	13	7	
20	8	5	3	3	4	4	6	5	6	5	3	2	1	1	1	0	2	2	1	1	3	2	1	1	3	
21	3	3	3	3	3	3	3	3	3	2	2	1	3	2	3	1	2	2	3	3	3	5	6	10	3	
22	4	3	3	3	3	5	8	8	6	3	2	2	1	2	3	2	3	25	19	19	21	19	17	12	8	
23	6	5	3	3	3	3	6	12	13	9	18	19	94	66	72	72	175	79	26	33	36	34	16	41	38	
24	32	27	26	24	25	31	39	44	47	44	44	57	61	42	28	55	30	33	31	37	29	32	25	21	36	
25	18	20	16	12	13	21	21	24	21	30	33	32	21	22	24	28	29	45	35	33	41	40	31	21	27	
26	9	10	11	7	9	14	16	13	13	35	20	19	11	13	26	22	14	16	14	12	25	19	21	28	17	
27	16	11	5	6	9	12	8	4	10	19	22	11	11	22	27	35	37	25	22	15	21	20	26	16	17	
28	15	27	10	10	12	20	29	47	95	107	74	74	115	48	24	38	17	30	34	36	39	52	36	22	41	
29	16	11	10	9	8	11	13	13	15	6	6	9	26	29	27	22	4	6	5	6	12	6	6	11	12	
30	6	3	2	3	10	9	8	7	8	4	4	4	2	0	0	1	2	2	3	3	3	3	4	5	4	
31	2	1	1	1	1	2	2	2	4	3	2	1	0	0	1	0	2	2	2	3	0	2	0	0	1	

MONTHLY STATISTICS :

GEOM MEAN	MEDIA:	ARITH MEAN	50	90	95	98	99	1-HR	24-HR	PERCENTILES	RANGE	STD GEOM DEVIATION	PERCENT VALID DATA	NUMBER OF TIMES ABOVE OBJECTIVE
6	6	14	6	35	52	79	107	0-175	1-46	-----	-----	2.3	95	0 0 0

NOTES : 1. MEANS INVALID DATA
 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 800 OR 24HR OBJECTIVE 150

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/10/17

SITE : SHA TIN

MONTH : JUL

YEAR : 1997

POLLUTANT : NOX NITROGEN OXIDES

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	34	18	14	76	88	123	232	263	199	78	102	113	135	224	198	279	271	229	103	162	98	140		
2	51	26	8	17	32	93	165	49	78	74	83	105	63	187	95	102	93	105	110	185	135	95	89		
3	22	36	61	110	74	185	300	330	330	134	112	166	190	208	194	318	300	293	188	40	89	120	168		
4	52	69	39	51	76	154	275	109	96	86	73	52	44	57	74	65	91	110	68	55	51	49	82		
5	17	11	11	14	24	62	71	63	70	56	39	45	54	48	50	56	100	193	193	203	180	91	75		
6	22	15	13	15	17	37	37	45	48	110	80	107	146	168	157	130	246	375	381	352	475	467	157		
7	98	28	13	15	40	80	87	79	46	***	***	30	37	38	67	89	95	67	89	55	51	44	57		
8	20	32	39	24	38	69	74	60	59	58	122	155	86	40	49	82	89	93	60	49	52	36	63		
9	14	21	38	44	83	103	135	107	85	107	58	106	57	51	72	98	189	133	119	108	75	48	84		
10	23	30	36	27	70	118	118	109	81	82	110	124	118	79	133	166	204	185	145	88	115	132	104		
11	19	21	24	51	81	93	135	167	186	170	99	83	88	95	64	74	67	181	71	64	113	81	92		
12	12	5	13	20	27	21	19	22	24	20	18	16	19	21	21	23	21	52	71	74	58	42	71		
13	7	4	5	13	20	27	21	19	22	24	20	18	16	19	21	23	21	16	16	18	13	17	17		
14	5	5	4	5	16	35	39	37	29	28	18	26	22	40	29	29	45	26	33	30	42	18	25		
15	6	7	6	8	15	65	92	27	37	58	39	27	30	32	42	31	143	58	39	51	57	59	42		
16	11	4	3	6	31	32	31	42	38	38	55	46	50	50	41	33	30	56	27	32	28	30	32		
17	27	22	17	25	93	106	82	75	47	46	53	69	62	69	76	91	68	98	68	99	125	132	68		
18	36	16	6	19	46	50	316	437	238	89	69	72	66	118	97	75	91	52	52	28	17	27	95		
19	29	15	9	28	69	96	94	238	349	373	344	323	191	90	59	152	204	267	293	381	400	356	198		
20	133	98	84	121	172	102	82	84	36	21	16	17	19	17	18	21	23	24	51	44	25	27	56		
21	20	25	40	44	41	54	54	32	26	17	15	18	20	16	21	27	31	33	49	99	151	199	47		
22	54	55	52	76	168	157	81	35	14	16	12	24	37	26	34	43	243	197	292	283	279	265	111		
23	94	66	60	67	143	240	221	148	***	***	***	133	146	124	173	106	95	159	273	303	364	296	169		
24	129	117	125	145	214	357	283	242	194	145	181	203	216	147	156	184	171	265	215	216	220	208	197		
25	163	118	84	85	212	245	185	226	378	175	202	192	168	333	390	235	171	292	351	335	352	289	236		
26	91	119	88	103	198	325	104	125	168	193	156	168	109	75	63	78	93	114	208	187	199	196	144		
27	89	49	51	53	124	118	50	66	84	87	94	76	60	67	78	60	56	84	150	163	163	177	91		
28	58	42	46	68	145	232	106	107	121	159	124	106	78	94	80	96	114	158	232	297	310	191	135		
29	123	134	132	126	186	194	224	214	68	80	152	160	130	116	37	71	75	68	170	102	92	159	128		
30	49	37	43	64	146	114	71	72	33	39	25	11	10	13	19	16	20	31	33	20	30	33	42		
31	5	3	8	17	26	54	113	43	30	23	17	21	20	24	31	27	28	25	20	20	20	20	20	27	

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	PERCENTILES	RANGE	STD GEOM DEVIATION	PERCENT VALID DATA
66	72	98	50 90 95 98 99	3- 475 17- 236	1.6	91

NOTES : 1. MEANS INVALID DATA

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/10/17

SITE : SHA TIN

POLLUTANT : NO

NITRIC OXIDE

MONTH : JUL

YEAR : 1997

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	1	1	1	1	29	31	52	122	141	98	25	37	43	56	112	99	144	143	117	42	80	40	65
2	12	2	0	2	0	2	6	34	78	14	27	26	31	45	20	92	31	37	33	41	45	92	60	36	35
3	0	4	13	45	115	20	86	161	177	57	45	78	92	102	102	90	167	161	157	94	10	38	56	80	
4	10	18	4	9	21	70	145	44	37	31	24	31	24	13	10	15	21	16	31	42	18	11	9	28	
5	1	0	1	2	4	16	23	18	20	18	20	16	8	10	15	13	13	15	36	96	95	102	88	34	28
6	1	1	1	1	1	7	10	7	10	11	11	43	25	40	60	79	70	54	128	215	220	196	279	276	79
7	45	7	1	1	10	28	32	28	33	28	13	***	****	8	11	11	22	34	36	31	20	14	13	9	19
8	1	3	1	3	1	5	20	23	17	18	15	15	46	66	32	10	13	26	32	34	16	11	11	4	19
9	1	1	4	7	24	37	57	40	28	40	28	40	15	40	15	13	19	32	86	50	43	38	20	7	28
10	2	2	5	3	21	45	44	40	26	40	26	28	45	52	49	28	55	75	100	89	63	29	45	56	41
11	1	1	2	1	1	26	35	59	79	79	87	76	35	26	30	35	19	22	17	87	18	19	50	30	35
12	14	11	8	9	62	118	105	36	39	36	39	36	18	14	11	15	17	19	18	20	30	33	23	14	30
13	1	3	1	3	4	7	6	6	6	6	7	9	8	6	5	6	6	6	6	5	3	3	3	2	5
14	0	0	0	0	0	3	11	13	12	10	9	9	6	9	5	14	8	7	12	4	3	5	10	2	7
15	1	1	1	1	1	3	29	45	10	13	24	15	10	10	11	11	17	11	70	21	13	19	23	23	17
16	2	0	0	1	7	10	7	10	9	14	12	11	16	13	15	17	13	9	7	16	5	6	5	5	9
17	4	3	2	6	38	45	30	25	12	13	13	13	15	14	22	17	21	24	24	36	18	41	54	62	23
18	9	2	1	3	18	17	174	249	124	33	22	25	23	45	35	23	31	37	31	37	12	4	7	4	41
19	4	2	1	4	25	43	38	125	193	206	188	177	95	16	18	74	106	106	147	166	221	234	208	105	
20	70	45	39	64	96	49	39	39	39	39	14	7	6	5	7	5	4	4	4	5	14	13	4	5	25
21	4	5	13	16	13	22	11	9	5	5	6	5	5	6	6	5	7	6	5	5	14	44	80	114	19
22	26	27	26	40	99	87	38	13	4	4	4	4	4	4	11	6	6	7	113	85	149	146	145	139	54
23	42	28	26	30	79	136	118	66	***	***	***	***	***	44	47	40	65	28	21	60	137	160	202	160	78
24	58	51	57	68	111	197	142	111	71	43	62	80	87	40	44	60	51	51	109	86	92	100	96	83	
25	68	42	24	28	107	126	81	102	193	68	67	61	46	138	175	83	49	49	127	168	164	179	146	102	
26	30	49	28	33	94	167	27	34	53	62	30	37	19	8	6	10	15	15	28	90	77	86	88	49	
27	31	9	11	12	57	50	29	28	26	17	11	13	18	11	13	18	11	12	27	67	76	76	88	32	
28	15	9	14	28	76	127	43	41	46	64	42	28	17	26	39	71	26	33	71	120	161	172	101	58	
29	62	69	68	66	103	105	118	108	23	25	56	61	38	40	7	20	23	19	82	42	42	38	81	57	
30	19	14	18	31	82	56	30	30	30	10	10	10	6	4	5	5	7	5	3	4	3	2	3	4	16
31	0	0	0	0	0	2	4	18	51	14	8	5	3	5	4	6	6	4	2	3	1	2	2	1	6

MONTHLY STATISTICS :

GEOM MEAN	MEDIAH	ARITH MEAN	PERCENTILES	1-HR	RANGE	24-HR	STD GEOM DEVIATION	PERCENT VALID DATA
20	23	41	50 90 95 98	0- 279	5- 105	2.5	91	

NOTES : 1. MEANS INVALID DATA

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/10/17

SITE : SHA TIN

POLLUTANT : NO2 NITROGEN DIOXIDE

MONTH : JUL

YEAR : 1997

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	28	26	16	11	13	14	26	22	28	31	44	42	46	54	47	50	47	50	46	45	52	48	45	36
2	33	23	41	23	11	13	25	37	38	36	26	***	***	18	20	21	33	37	40	41	36	33	31	30	29
3	22	30	41	41	34	22	30	38	39	34	31	35	52	54	37	25	29	42	40	41	35	32	35	30	35
4	37	41	33	44	47	37	44	43	53	54	59	47	43	47	49	52	56	63	54	53	44	25	31	34	45
5	15	11	9	11	9	11	18	37	36	35	39	31	27	30	31	28	30	33	45	48	48	47	45	39	32
6	20	13	11	13	11	13	14	26	22	28	31	44	42	46	54	47	50	47	50	46	45	52	48	45	36
7	29	17	11	13	11	13	25	37	38	36	26	***	***	18	20	21	33	37	40	41	36	33	31	30	29
8	18	27	34	22	34	22	30	38	39	34	31	35	52	54	37	25	29	42	40	41	35	32	35	30	35
9	12	19	32	31	46	46	48	46	48	46	42	46	35	45	34	31	43	49	57	56	53	50	44	37	41
10	20	27	28	22	38	22	38	49	51	48	41	39	41	44	36	49	51	51	51	49	49	44	46	46	41
11	17	19	21	36	41	36	41	19	45	46	53	54	45	43	42	41	35	40	41	48	43	35	36	35	39
12	23	19	17	14	20	26	33	25	32	34	32	24	21	26	23	26	23	22	21	21	25	23	23	21	24
13	5	4	3	8	14	16	12	10	11	10	8	9	8	10	12	14	13	11	13	11	11	13	11	10	10
14	5	5	4	5	11	18	19	19	14	14	9	12	14	19	17	18	17	18	27	20	18	22	27	15	15
15	4	5	4	6	10	21	23	12	17	21	16	12	15	15	15	16	14	14	16	26	19	22	22	24	16
16	8	4	3	4	20	17	17	17	20	21	20	21	30	20	23	24	21	19	19	31	19	23	20	22	18
17	21	17	14	16	35	37	36	37	29	26	25	30	31	35	36	37	39	43	43	40	40	36	42	37	32
18	22	13	4	14	18	24	50	56	48	38	35	34	31	49	43	40	43	40	43	34	34	22	26	21	32
19	23	12	7	22	31	30	36	47	54	58	56	52	46	35	31	39	42	42	42	39	43	42	38	38	38
20	26	29	24	23	25	27	22	24	24	24	10	7	9	8	9	10	15	17	16	16	29	24	19	19	19
21	14	17	20	19	21	19	21	20	20	15	12	9	7	9	11	8	10	18	23	25	28	32	29	25	18
22	14	14	12	15	17	24	23	24	23	15	8	10	6	13	20	17	25	32	70	67	64	60	57	52	29
23	30	23	20	21	22	41	47	***	***	***	***	***	***	66	74	63	73	63	63	67	63	58	55	49	49
24	40	39	38	41	44	56	66	72	85	79	86	80	83	86	88	88	86	92	93	98	83	75	67	61	71
25	59	54	47	42	48	52	61	70	83	71	99	98	97	122	122	108	96	96	98	94	84	78	66	80	
26	45	44	45	52	54	70	63	73	87	98	98	110	111	80	63	54	62	70	71	70	70	69	67	61	69
27	41	35	37	41	27	32	40	44	54	50	43	47	50	43	47	50	43	38	43	43	47	47	47	42	42
28	35	28	25	29	38	40	44	51	61	60	63	52	54	54	56	54	56	54	49	48	48	51	47	37	46
29	28	28	28	25	28	33	44	49	33	42	66	67	72	55	26	40	40	40	39	45	45	38	34	35	41
30	20	16	15	17	21	28	25	26	18	24	16	5	2	5	8	8	8	15	25	28	28	17	25	27	18
31	5	3	8	14	20	26	35	22	18	15	12	13	14	15	22	21	25	21	20	18	18	17	17	18	17

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	<-----PERCENTILES----->	<-----RANGE----->	STD GEOM DEVIATION	PERCENT VALID DATA	NUMBER OF TIMES ABOVE OBJECTIVE
			50 90 95 98 99	1-HR 24-HR			1-HR 24-HR
29	34	35	34 59 72 93 98	2- 122 10- 80	1.2	91	0 0

NOTES : 1. MEANS INVALID DATA
 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 100 OR 24HR OBJECTIVE 150

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/10/17

SITE : SHUA TIN

YEAR : 1997

MONTH : JUL

UNIT : MICROGRAMS PER CUBIC METRE

POLLUTANT : O3

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	9	8	8	17	***	4	0	0	0	0	1	9	5	4	2	0	0	0	0	0	0	0	0	3
2	0	15	1	11	25	19	13	1	0	12	4	5	5	4	7	0	0	0	0	0	0	0	0	0	5
3	0	1	22	13	0	0	0	2	0	0	0	1	4	2	3	4	3	2	1	1	2	12	5	11	4
4	20	14	5	0	4	2	0	0	1	1	2	4	7	12	***	***	5	6	0	0	2	5	4	4	4
5	8	16	23	31	31	30	24	8	10	12	10	16	20	17	16	19	17	12	4	2	1	0	0	2	14
6	0	2	16	25	26	25	24	16	20	17	14	2	4	2	3	1	3	2	1	0	0	0	0	0	8
7	0	0	0	7	14	15	8	6	7	7	16	22	24	23	21	19	9	4	1	0	0	0	0	3	9
8	11	12	19	11	10	24	16	10	11	17	18	16	3	3	11	21	16	5	0	0	2	5	3	9	11
9	19	24	29	22	12	10	0	2	2	2	8	6	14	9	23	25	17	8	1	0	0	0	2	8	10
10	13	1	20	10	7	18	5	0	0	2	8	7	7	9	11	16	5	3	0	0	0	0	0	0	6
11	2	8	22	18	14	4	0	3	2	3	4	4	9	12	11	11	15	9	3	0	0	1	0	0	6
12	0	0	1	1	1	0	0	0	2	9	9	14	17	25	22	14	7	4	3	3	0	0	1	4	6
13	7	14	28	31	32	28	19	15	19	19	19	19	21	24	28	22	23	23	14	11	15	16	19	23	20
14	22	25	26	25	27	26	20	13	14	14	20	20	25	24	18	13	15	16	9	18	17	12	8	18	19
15	19	23	27	25	26	22	19	10	7	19	11	14	20	22	21	21	17	17	0	5	9	6	6	5	15
16	6	19	22	29	32	30	15	22	24	19	21	18	10	20	17	16	16	18	15	6	17	17	18	15	18
17	16	23	13	16	21	19	1	3	6	7	15	17	18	***	***	6	6	5	2	0	1	3	0	2	9
18	8	9	10	19	29	18	16	12	0	0	1	7	12	15	16	3	4	6	1	0	7	18	13	18	10
19	10	10	12	21	26	12	4	7	1	0	1	0	0	0	0	4	5	1	0	0	0	0	0	0	5
20	0	0	0	0	0	0	0	0	3	5	18	23	25	28	22	28	28	20	20	18	4	6	11	11	11
21	13	7	8	4	1	0	3	4	6	14	22	29	31	37	33	29	27	25	20	15	5	0	0	0	14
22	0	0	0	0	0	0	0	0	3	21	40	49	42	35	36	44	39	31	3	0	0	0	0	0	14
23	0	0	0	0	0	0	0	0	1	5	5	3	11	21	13	20	13	18	11	1	3	3	3	2	6
24	1	0	0	0	0	0	0	3	3	4	12	27	10	3	7	22	8	5	3	3	2	2	2	1	5
25	1	0	0	0	0	0	1	3	6	4	4	19	9	13	17	6	7	5	3	3	3	2	2	1	5
26	0	0	0	0	0	1	2	4	20	16	17	12	19	22	78	99	76	34	11	2	1	0	0	0	17
27	0	0	0	0	0	0	0	4	15	15	16	17	11	33	55	46	29	20	12	2	0	0	0	0	11
28	0	0	0	0	0	0	0	2	7	13	15	8	15	18	31	22	28	10	1	0	0	1	0	0	7
29	0	0	0	0	0	0	0	0	1	5	17	18	7	9	12	15	29	13	5	5	1	2	4	1	6
30	0	0	0	0	0	0	0	3	12	17	33	36	36	39	37	37	27	33	41	31	25	51	40	33	22
31	40	52	51	48	37	26	20	10	4	16	25	30	41	35	36	34	31	34	36	35	40	37	32	30	33

MONTHLY STATISTICS :		ARITH MEAN		MEDIAN		PERCENTILES----->		RANGE----->		STD GEOM DEVIATION		PERCENT VALID DATA		NUMBER OF TIMES ABOVE OBJECTIVE 1-IHR	
GEOM MEAN	50	75	90	95	98	99	1-IHR	24-IHR	0-99	3-33	2.4	99	0	0	
5	7	11	11	11	11	11	0	33	33	33	2.4	99	0	0	

NOTES : 1. MEANS INVALID DATA
 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 240

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/11/21

SITE : SHA TIN

MONTH : AUG

YEAR : 1997

POLLUTANT : SO2

SULPHUR DIOXIDE

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	1	1	2	5	4	15	7	39	64	25	7	7	43	48	54	13	15
4	0	0	0	0	14	44	44	43	67	79	83	15	21	41	26	50	20	18	29	29	19	11	6	3	29
5	9	5	5	6	3	4	12	31	20	25	24	47	67	42	30	36	30	27	23	23	23	24	13	6	23
6	17	18	10	24	23	18	32	18	24	22	19	17	16	12	10	16	20	7	5	7	9	11	3	7	15
7	11	3	11	33	39	26	21	15	11	11	8	6	16	15	4	19	23	23	26	23	25	51	52	22	21
8	11	5	3	8	13	17	18	18	18	18	18	8	12	15	17	41	21	19	18	28	51	27	31	37	19
9	19	23	26	22	15	6	8	7	7	7	6	9	4	7	10	14	18	21	20	34	27	6	7	20	15
10	4	20	5	0	3	2	9	4	10	4	4	6	4	1	10	16	17	6	24	25	20	41	28	17	12
11	13	4	2	3	6	9	15	29	24	41	5	5	4	6	17	34	48	56	27	19	5	3	17	15	17
12	15	9	2	2	2	5	5	10	13	7	9	9	10	51	42	9	7	31	33	58	10	15	30	20	17
13	2	2	2	6	10	7	6	13	10	12	22	36	11	13	18	11	23	34	7	9	22	29	29	34	16
14	17	8	4	6	3	1	5	1	6	4	6	4	11	9	1	2	3	10	13	6	11	17	15	13	8
15	4	5	6	5	6	9	11	13	17	17	24	****	****	13	19	14	19	20	23	28	27	31	32	22	17
16	14	12	11	11	11	17	23	48	54	55	29	56	22	13	19	19	19	25	25	16	21	31	29	21	25
17	8	6	5	7	10	11	10	11	15	14	7	3	3	4	17	35	25	17	37	28	12	16	10	12	14
18	9	8	7	6	13	13	14	16	14	14	15	9	7	8	8	9	11	20	28	28	28	27	19	14	14
19	12	19	36	28	24	25	27	29	29	34	48	55	70	98	96	85	89	84	61	61	55	47	29	31	48
20	17	14	13	13	14	24	29	23	25	31	22	7	3	3	0	9	3	5	4	9	3	3	5	7	12
21	10	10	9	7	10	12	9	9	7	19	9	3	3	2	1	0	3	2	2	0	0	0	1	0	5
22	0	0	0	0	0	0	1	0	0	0	0	0	2	1	0	1	1	1	3	0	3	0	0	0	1
23	0	0	1	0	1	6	15	14	5	3	3	3	2	3	3	3	2	3	3	3	5	9	4	5	4
24	0	0	0	0	0	0	0	0	3	4	4	2	0	0	0	0	0	0	1	1	0	0	0	0	1
25	0	0	0	0	0	1	6	9	8	7	5	6	6	4	0	0	0	1	1	6	2	0	0	2	3
26	2	3	2	2	3	4	7	10	8	6	6	8	2	1	2	1	1	2	1	3	3	0	0	0	3
27	0	0	0	0	2	4	4	4	4	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
28																									
29																									
30																									
31																									

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	PERCENTILES	RANGE	STD GEOM DEVIATION	PERCENT VALID DATA	NUMBER OF TIMES ABOVE OBJECTIVE
7	8	13	50 90 95 98 99	1-HR 24-HR	2.3	81	1-HR 24-HR

NOTES : 1. MEANS INVALID DATA
 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 800 OR 24HR OBJECTIVE 350

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/11/21

SITE : SHA TIN

MONTH : AUG

YEAR : 1997

POLLUTANT : NOX NITROGEN OXIDES

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	3	3	3	3	8	19	30	38	34	27	18	13	20	19	35	34	24	21	29	31	19	19	14	21
2	1	7	1	1	1	1	11	19	42	38	30	32	22	17	13	13	9	7	4	5	17	13	3	0	14
3	0	0	0	0	5	5	8	13	30	29	42	59	42	48	39	64	70	53	53	47	45	50	70	57	37
4	18	20	15	32	15	32	58	116	113	88	74	31	34	48	47	64	55	81	103	86	66	51	44	34	58
5	13	12	9	15	9	15	43	73	73	97	94	112	116	94	74	78	69	72	75	79	74	78	56	37	66
6	31	26	39	40	39	40	88	157	87	107	80	63	51	49	46	56	56	51	45	52	54	58	39	45	60
7	13	21	47	63	58	74	85	67	85	67	54	59	116	87	66	178	286	487	445	430	424	389	535	293	194
8	43	42	38	67	211	270	212	214	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	235
9	144	104	76	46	29	44	56	70	58	70	58	64	64	103	140	289	404	433	264	448	378	61	53	76	155
10	37	17	18	45	120	144	96	152	96	152	67	58	49	35	51	65	73	65	92	111	131	235	206	140	91
11	29	23	27	68	141	298	141	298	418	134	68	25	18	23	38	58	73	80	47	47	35	33	61	96	84
12	14	8	7	24	45	104	45	104	257	318	206	167	178	92	69	41	39	71	67	103	85	108	219	286	114
13	25	36	56	84	134	247	134	247	205	215	194	155	108	85	82	79	81	127	90	183	324	290	341	380	160
14	196	104	152	85	104	272	104	272	277	115	133	77	51	36	29	45	57	122	166	143	180	255	236	232	139
15	137	140	128	119	204	164	204	164	150	126	145	126	140	89	68	62	80	203	347	485	386	427	414	307	202
16	132	155	154	142	191	247	191	247	196	187	118	59	179	181	125	272	300	395	481	311	342	486	522	429	255
17	211	185	198	226	270	249	270	249	256	181	86	32	23	26	74	88	86	95	159	166	121	237	159	231	153
18	165	135	132	88	82	63	82	63	75	75	67	56	40	38	54	54	72	69	192	313	310	299	315	238	133
19	116	100	76	54	171	235	171	235	117	75	55	70	66	75	89	105	101	149	215	317	366	387	358	432	170
20	121	106	89	106	220	196	220	196	130	66	91	91	33	18	20	21	71	120	103	125	65	62	58	54	89
21	29	24	21	30	64	62	64	62	75	176	81	37	27	24	31	24	27	31	23	18	14	14	16	14	39
22	4	3	4	6	11	23	11	23	22	24	29	27	52	57	31	52	40	31	27	24	26	30	27	28	26
23	1	5	4	24	128	273	128	273	204	98	50	34	26	44	33	20	22	29	37	44	81	116	47	85	64
24	36	34	18	15	51	74	51	74	149	148	87	64	20	19	18	14	19	42	52	79	47	41	44	57	51
25	21	17	31	31	61	123	61	123	128	102	91	64	64	65	32	33	44	40	79	173	119	50	72	76	70
26	46	30	24	27	68	121	68	121	184	101	68	82	18	13	17	18	25	26	31	42	40	24	24	18	48
27	6	3	4	19	41	65	41	65	68	35	68	68	35	68	35	68	35	68	35	68	35	68	35	68	35
28																									
29																									
30																									
31																									

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	PERCENTILES	RANGE	STD GEOM DEVIATION	PERCENT VALID DATA
61	65	103	50 90 95 98 99	0- 535 14- 255	1.9	77

NOTES : 1. MEANS INVALID DATA

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/11/21

SITE : SHATIH

YEAR : 1997

MONTH : AUG

UNIT : MICROGRAMS PER CUBIC METRE

NITRIC OXIDE

POLLUTANT	NO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	2	2	1	4	9	12	11	8	5	3	6	5	11	10	6	4	7	3	4	2	6					
2	1	1	1	1	3	4	13	11	8	8	6	5	3	3	2	1	1	1	0	0	0	0	0	0	0	3	
3	0	0	0	0	0	0	3	3	8	16	10	12	6	12	21	15	14	11	12	15	27	19	9				
4	1	1	1	0	3	19	53	50	39	33	11	12	18	17	25	18	30	42	32	21	13	12	8	21			
5	1	1	1	1	2	11	29	30	41	38	44	41	28	18	18	16	16	16	13	13	16	6	3	19			
6	2	1	7	7	36	79	35	43	28	17	11	9	10	16	15	11	6	8	10	13	7	9	17				
7	0	1	8	15	13	25	29	21	15	14	39	25	14	79	145	275	249	237	234	213	308	160	96				
8	3	3	5	20	112	149	107	106	63	****	****	****	****	****	****	****	63	116	223	291	202	236	245	122			
9	69	41	22	8	3	7	13	20	16	17	19	37	58	152	221	241	139	255	212	17	11	24	73				
10	5	1	2	10	56	66	34	68	16	15	12	8	15	21	23	17	29	41	54	120	103	62	35				
11	8	1	2	21	69	164	235	57	24	7	5	6	12	19	25	29	10	9	4	4	15	34	35				
12	2	1	1	5	11	42	135	171	101	73	77	37	23	10	10	22	18	38	29	42	113	157	51				
13	1	5	14	30	63	132	102	106	93	70	43	29	27	24	28	52	29	90	182	160	192	218	77				
14	106	48	81	38	44	147	149	45	56	28	15	9	5	10	14	48	75	63	88	137	126	126	66				
15	69	72	65	60	112	83	70	51	60	43	51	21	11	10	69	159	256	207	241	237	173	97					
16	68	82	81	73	102	134	89	70	29	7	38	45	19	97	115	170	225	116	141	241	265	212	110				
17	97	84	95	114	141	124	121	72	24	6	3	4	11	10	5	4	20	45	25	94	54	107	57				
18	73	57	57	26	21	13	20	18	12	8	4	5	9	8	13	8	60	140	146	148	165	121	51				
19	44	25	12	4	66	100	29	10	4	3	0	0	0	0	0	0	20	92	134	162	163	216	49				
20	40	33	25	36	109	88	44	10	13	11	2	2	2	2	18	38	26	39	9	10	15	11	27				
21	3	3	2	5	18	21	27	84	29	10	6	5	6	4	4	4	4	3	2	2	3	2	11				
22	0	0	0	0	0	2	2	2	4	2	13	13	3	10	6	4	3	1	2	2	2	4	3				
23	0	0	0	3	51	141	96	33	10	6	5	13	9	4	4	4	4	7	26	48	10	27	23				
24	4	1	1	0	11	23	67	65	31	21	4	4	4	3	4	8	13	24	7	6	6	14	15				
25	2	0	3	4	17	53	56	41	35	****	****	22	11	9	11	10	28	82	52	13	25	28	25				
26	10	4	2	3	22	54	92	42	25	30	5	3	4	4	6	5	7	10	10	4	3	3	16				
27	1	0	0	3	6	17	24	8	****																		
28																											
29																											
30																											
31																											

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	50	90	95	98	99	1-HR	24-HR	STD GEOM DEVIATION	PERCENT VALID DATA
15	15	42	15	126	173	241	255	0- 108	3- 122	3.3	77

NOTES : 1. MEANS INVALID DATA

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/11/21

SITE : SHA TIN

POLLUTANT : NO2

NITROGEN DIOXIDE

MONTH : AUG

YEAR : 1997

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	0	0	0	0	6	13	16	20	17	15	10	8	11	11	18	19	15	15	20	20	14	13	11	13	
2	0	5	0	5	0	0	6	13	22	21	18	20	13	9	8	8	6	5	2	3	17	13	3	0	9	
3	0	0	0	0	0	5	8	11	25	24	30	34	27	30	30	45	38	30	31	30	27	27	29	28	23	
4	16	18	15	27	35	36	29	35	36	28	23	14	16	20	21	26	27	35	39	37	34	31	26	22	26	
5	11	10	7	12	26	29	27	29	27	34	36	45	53	51	46	47	43	47	50	54	54	53	47	32	37	
6	28	24	28	29	33	36	33	36	33	41	37	37	34	35	31	31	33	34	36	40	39	38	28	33	33	
7	13	19	35	40	38	36	41	35	41	35	31	37	56	49	44	57	64	66	64	68	66	63	64	48	47	
8	38	37	30	36	40	42	48	52	46	52	46	***	***	***	***	***	***	58	59	62	63	57	56	54	49	
9	38	41	42	34	24	33	36	39	33	33	33	38	35	46	51	56	66	64	51	58	54	35	36	39	43	
10	29	15	15	30	34	44	44	48	42	48	42	35	31	23	28	33	38	39	48	48	48	51	48	45	37	
11	17	21	24	36	35	47	47	59	47	47	31	14	10	14	20	29	35	36	32	33	29	27	38	44	31	
12	11	6	5	16	28	40	50	56	51	55	55	55	60	35	34	26	24	37	39	45	41	44	46	46	36	
13	23	28	34	38	38	45	49	53	52	48	42	41	41	41	42	42	38	47	46	45	46	45	47	47	43	
14	34	31	28	27	37	47	49	46	47	49	46	47	34	28	22	30	35	48	51	47	45	45	43	39	38	
15	31	30	29	27	33	37	33	37	43	48	53	60	62	57	51	47	64	97	104	93	69	58	52	42	54	
16	28	30	30	30	35	42	42	60	60	80	73	48	120	112	96	123	124	135	137	133	126	117	117	105	86	
17	63	56	53	52	54	59	71	71	49	23	49	23	18	20	57	72	78	89	128	97	82	93	76	67	65	
18	53	48	45	48	50	43	44	47	48	44	34	30	40	42	52	42	52	57	100	99	87	73	63	53	55	
19	49	62	57	48	70	82	72	60	49	65	66	75	89	105	101	142	184	176	161	139	108	108	102	94	94	
20	60	55	51	51	53	61	63	61	63	51	71	74	30	15	17	18	43	62	63	65	51	47	35	37	49	
21	24	19	18	22	36	30	35	42	60	47	37	22	18	16	22	18	21	25	17	13	11	11	11	22	22	
22	4	3	4	6	11	20	19	20	19	21	23	24	32	37	26	37	31	25	22	22	23	27	24	22	21	
23	1	5	4	19	50	57	57	57	57	47	35	25	18	24	19	14	16	23	31	33	41	42	32	44	29	
24	30	32	16	15	34	39	46	48	39	48	39	32	14	13	12	9	13	30	32	42	36	32	35	35	29	
25	18	17	26	25	15	42	42	42	39	39	39	***	***	***	31	15	19	27	25	36	39	30	34	33	31	
26	31	24	21	22	34	38	43	37	30	37	30	36	10	8	11	12	16	18	20	27	25	18	19	13	23	
27	4	3	4	14	32	39	31	23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28																										
29																										
30																										
31																										

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	50	90	95	98	99	1-1HR	24-HR	STDEV	PERCENT	NUMBER OF TIMES ABOVE OBJECTIVE
30	35	39	35	64	93	124	137	0-184	9-94	1.4	77	0 0

NOTES : 1. MEANS INVALID DATA
 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 300 OR 24HR OBJECTIVE 150

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/11/21

SITE : SRA TIN

MONTH : AUG

YEAR : 1997

POLLUTANT : O3

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	34	40	41	42	40	35	28	23	23	26	29	37	38	30	26	****	****	22	23	17	17	20	20	23	29
2	28	35	37	28	35	34	30	26	17	20	26	26	28	30	34	34	45	47	44	40	27	24	35	37	32
3	38	38	38	37	39	40	38	36	22	24	17	18	32	38	43	18	9	6	3	2	1	0	0	0	22
4	1	7	6	4	10	4	2	4	6	6	12	22	22	15	15	12	12	4	0	0	0	0	1	1	7
5	4	12	16	17	18	14	2	4	10	9	11	14	20	29	35	27	18	10	5	0	1	1	7	18	13
6	21	13	8	7	2	3	1	5	7	7	21	37	54	44	34	28	17	17	13	8	4	2	8	5	15
7	8	14	31	21	5	0	2	5	6	17	27	20	5	7	9	2	3	5	4	2	2	2	2	3	8
8	10	7	6	4	6	0	0	0	0	0	4	13	14	12	9	8	4	2	2	4	3	1	1	0	5
9	0	0	0	0	8	19	13	12	10	20	17	17	6	1	3	3	3	3	1	2	0	3	3	0	6
10	9	10	8	23	19	3	0	1	4	3	13	21	24	32	21	17	10	5	0	0	0	0	0	0	9
11	0	0	20	12	8	0	0	1	1	7	21	39	41	38	30	17	7	3	6	4	11	12	2	0	12
12	4	19	25	31	32	20	9	1	0	1	0	0	0	0	4	15	17	5	4	0	4	0	1	1	8
13	9	20	14	5	0	0	0	1	0	2	0	0	4	7	9	9	9	1	1	0	2	1	0	0	4
14	0	0	0	0	0	0	0	0	0	3	5	17	23	32	39	31	17	4	0	0	1	0	0	0	7
15	0	0	0	0	0	0	0	0	4	7	5	7	11	****	****	42	31	14	0	1	0	0	0	0	6
16	0	0	0	0	0	0	0	0	4	8	37	95	23	12	49	5	4	1	1	0	1	1	1	1	10
17	0	0	0	0	0	0	0	1	2	5	23	62	82	80	72	78	78	75	43	23	9	1	0	0	26
18	0	0	0	0	0	3	5	18	32	48	75	111	122	102	85	87	63	76	15	2	2	1	0	0	35
19	0	0	0	1	19	9	6	23	51	91	125	204	228	<u>254</u>	<u>270</u>	<u>268</u>	160	61	11	12	11	8	8	76	
20	5	3	3	2	2	2	4	18	49	90	102	112	112	112	109	<u>94</u>	12	6	6	10	17	15	21	13	36
21	12	15	16	17	19	14	4	10	9	6	15	40	49	52	46	49	45	44	49	51	56	53	50	45	32
22	52	53	55	56	55	55	51	42	44	43	38	38	33	23	31	23	27	31	34	32	37	33	33	34	40
23	19	48	53	49	49	34	4	5	14	25	34	28	33	40	34	40	34	28	16	12	2	5	17	4	26
24	2	25	13	9	22	25	6	4	2	5	16	25	42	45	47	49	36	20	16	3	10	11	8	6	19
25	13	17	19	19	9	13	4	5	7	12	17	14	18	21	31	26	15	17	8	2	2	7	4	6	13
26	7	3	1	12	12	12	3	2	3	12	22	27	52	51	45	41	35	30	22	16	18	23	20	25	21
27	17	28	34	36	36	27	16	11	15	33	****														****
28																									
29																									
30																									
31																									

MONTHLY STATISTICS :

GEOM MEAN	MEDIA:	ARITH MEAN	<-----PERCENTILES----->	<-----RANGE----->	STD GEOM DEVIATION	PERCENT VALID DATA	NUMBER OF TIMES ABOVE OBJECTIVE 1-HR
8	11	20	50 90 95 98 99	0- 270 4- 76	3	85	3

NOTES : 1. MEANS INVALID DATA
 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 240

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/12/17

SITE : SHA TIN

POLLUTANT : SO2

MONTH : SEP

YEAR : 1997

UNIT : MICROGRAMS PER CUBIC METRE

SULPHUR DIOXIDE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1
2
3
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11
12
13	31	27	22	15	15	19	23	42	47	39	25	25	26	51	43	34	25	28	79	48	57	51	41	34	36
14	27	12	9	8	9	11	12	15	11	9	4	3	3	3	3	3	3	4	12	21	19	13	8	7	10
15	5	4	5	26	46	41	42	29	20	17	15	15	8	8	6	5	16	49	39	41	38	32	29	21	24
16	13	12	9	9	8	5	4	5	5	5	7	12	15	15	10	3	3	3	3	5	5	5	5	5	7
17	5	5	3	6	3	6	6	6	6	8	8	11	7	4	4	3	4	5	3	3	4	5	7	8	5
18	4	1	2	3	5	10	5	10	21	30	8	4	3	3	3	3	3	3	3	4	15	12	14	5	8
19	3	3	3	4	7	12	15	18	18	16	14	4	4	5	4	3	4	3	4	4	4	4	3	4	7
20	5	4	5	3	3	5	9	10	4	3	3	3	3	3	3	3	4	3	3	3	3	3	4	2	4
21	1	0	0	0	0	2	0	6	4	3	3	3	3	3	3	3	3	2	3	2	3	3	5	6	3
22	1	1	1	1	1	2	3	7	9	9	8	10	9	13	16	16	12	15	13	14	12	6	3	3	8
23	5	5	5	4	5	8	5	6	5	4	4	3	3	3	4	3	3	2	3	2	2	3	4	3	4
24	0	1	0	0	0	2	3	4	5	9	6	6	6	5	5	4	4	5	4	3	2	3	2	1	3
25	3	3	3	4	5	7	11	7	10	10	6	6	4	5	7	20	.....	69	73	41	16	7	6	4	15
26	5	6	5	3	3	6	6	11	8	8	7	11	9	9	9	8	10	11	11	9	7	7	7	5	7
27	3	3	3	2	2	3	3	3	3	6	7	8	9	11	10	8	9	14	15	6	4	1	1	1	6
28	3	3	3	2	2	2	0	1	4	3	4	2	1	2	3	3	1	1	1	0	0	0	0	0	2
29	3	3	3	2	2	3	3	3	4	4	3	3	3	3	4	5	3	5	7	6	4	4	6	4	4
30	3	1	2	0	1	2	2	4	5	3	3	3	6	3	6	8	9	9	9	8	4	3	3	3	4

MONTHLY STATISTICS :

GEOM MEAN	5
MEDIAN	5
ARITH MEAN	9
PERCENTILES	50 90 95 98 99
RANGE	0- 79 2- 36

STD GEOM DEVIATION	1.5
PERCENT VALID DATA	57
NUMBER OF TIMES ABOVE OBJECTIVE 1-HR	0
NUMBER OF TIMES ABOVE OBJECTIVE 24-HR	0

NOTES : 1. MEANS INVALID DATA
 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 800 OR 24HR OBJECTIVE 350

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/12/17

SITE : SHA TIH

MONTH : SEP

YEAR : 1997

POLLUTANT : NOX NITROGEN OXIDES

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1
2
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12
13	121	98	78	92	175	244	231	167	149	63	38	144	123	98	105	126	179	147	165	246	296	248	152	
14	63	24	33	59	94	109	104	89	58	25	20	22	19	19	20	43	131	231	196	136	107	180	81	.....
15	105	88	97	144	166	154	112	86	73	51	40	66	101	84	169	260	263	350	416	388	350	284	175	.....
16	254	235	230	168	58	59	73	52	53	92	103	65	46	33	40	44	52	60	93	114	115	55	95	.....
17	39	38	42	15	69	62	42	50	59	47	31	22	19	23	23	30	28	23	40	80	93	140	47	.....
18	11	15	12	27	68	186	205	292	246	58	31	28	27	32	45	46	42	65	140	144	151	73	88	.....
19	31	40	35	30	81	133	148	129	90	109	42	38	37	35	40	44	31	39	35	31	34	25	57	.....
20	16	19	15	40	71	111	123	53	32	34	27	28	25	30	35	40	38	38	38	49	49	56	44	.....
21	16	20	13	18	12	51	76	69	59	54	61	66	51	56	68	88	88	56	84	79	76	79	57	.....
22	15	12	12	18	43	102	119	85	76	89	90	125	120	120	103	133	117	140	110	58	29	21	79	.....
23	8	7	7	16	61	42	69	55	39	41	24	24	37	32	34	42	43	28	30	27	24	17	32	.....
24	5	4	5	6	15	40	52	55	75	35	30	24	32	34	32	36	33	40	40	31	37	28	33	.....
25	8	10	14	31	98	164	82	99	91	51	25	24	40	61	128	139	196	268	102	56	49	27	80	.....
26	32	21	16	25	63	78	112	61	46	54	89	53	79	53	64	92	94	82	58	56	46	34	59	.....
27	19	18	17	18	51	84	53	81	87	90	88	100	96	82	94	136	147	73	52	40	44	47	69	.....
28	26	16	17	20	28	34	71	69	72	45	31	39	64	54	58	97	98	64	56	68	79	81	54	.....
29	20	18	19	46	68	98	77	94	100	85	104	117	.....	.....	111	132	130	161	177	150	155	123	99	.....
30	84	46	24	45	68	125	132	143	144	115	103	120	134	138	168	155	187	164	104	105	132	91	115	.....

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	PERCENTILES	1-HR	24-HR	STD GEOM DEVIATION	PERCENT VALID DATA
58	59	79	50 90 95 98 99	4- 416	31- 175	1.4	55

NOTES : 1. MEANS INVALID DATA

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/12/17

SITE : SHA TIH

MONTH : SEP

YEAR : 1997

POLLUTANT : NO NITRIC OXIDE

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1
2
3
4
5
6
7
8
9
10
11
12
13	42	30	21	32	85	126	112	65	47	5	2	36	26	12	3	4	34	24	24	36	94	133	110	49	
14	18	0	0	4	15	24	22	17	8	2	2	1	1	1	1	2	31	89	68	39	68	39	19	67	
15	28	20	19	47	63	56	31	17	11	6	4	7	26	14	46	96	106	165	209	197	177	140	68	68	
16	124	113	111	78	9	11	17	9	10	24	24	9	5	3	4	2	1	17	18	6	18	15	32	33	
17	6	3	3	1	18	16	8	11	12	7	3	2	2	2	2	1	1	1	1	1	0	2	7	22	
18	0	0	0	1	9	71	74	129	108	7	2	2	2	3	3	3	2	2	1	5	37	38	41	9	
19	1	2	2	2	22	49	57	43	22	26	4	4	3	2	2	2	1	1	1	1	1	0	1	0	
20	0	0	0	3	7	24	31	7	2	3	1	2	2	1	2	1	2	1	0	0	1	1	3	4	
21	0	1	0	1	2	6	16	12	8	6	9	9	5	6	11	17	18	6	18	6	18	15	16	18	
22	1	1	1	1	5	31	40	22	15	18	18	18	35	33	31	18	34	29	46	29	7	7	1	19	
23	0	0	0	0	2	6	2	8	5	2	1	0	2	1	1	1	1	1	0	0	0	0	0	0	
24	1	1	1	1	1	1	3	6	13	4	3	2	3	3	3	3	1	1	1	1	1	2	2	1	
25	0	0	0	0	1	19	53	16	23	19	8	2	3	4	4	15	14	45	96	25	9	5	0	16	
26	1	0	1	1	12	18	37	14	7	10	20	7	13	4	7	16	15	11	11	6	6	6	4	1	
27	0	0	0	0	4	18	8	19	21	20	18	20	19	13	18	38	47	10	4	3	3	3	4	13	
28	0	0	0	0	2	17	18	18	9	4	5	14	11	11	29	30	30	11	8	13	20	22	22	11	
29	1	1	2	8	15	30	19	27	30	22	30	36	****	****	27	39	41	62	75	62	67	67	47	32	
30	25	8	0	4	10	37	43	48	53	36	30	37	41	41	59	54	78	68	30	30	30	48	23	37	

MONTHLY STATISTICS :

GEOM MEAN	MEDIAH	ARITH MEAN	PERCENTILES	RANGE	STD GEOM DEVIATION	PERCENT VALID DATA
7	8	20	50 80 85 126 165	0- 209 1- 68	3.2	55

NOTES : 1. MEANS INVALID DATA

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/12/17

SITE : SHA TIN

MONTH : SEP

YEAR : 1997

POLLUTANT : NO2 NITROGEN DIOXIDE UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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13	57	52	46	43	45	51	60	67	77	55	35	89	83	79	100	119	127	110	110	110	102	92	80	76	
14	35	24	33	53	71	72	70	63	46	22	17	19	17	17	18	40	83	95	92	95	92	76	78	77	51
15	62	57	68	72	69	68	64	60	56	42	34	55	61	62	98	113	101	97	96	97	96	87	79	70	71
16	64	62	49	49	44	42	47	38	38	55	66	51	38	28	34	41	50	49	68	49	68	65	64	43	50
17	30	33	33	41	37	30	33	41	28	36	26	19	16	20	21	28	26	23	37	69	65	47	27	19	50
18	11	15	12	25	54	77	92	95	81	47	28	25	24	27	40	43	40	57	83	86	86	88	59	50	50
19	29	37	32	27	47	58	61	63	56	69	36	32	32	32	37	42	29	37	33	37	33	31	32	25	40
20	16	19	15	35	60	74	75	42	29	29	25	22	22	28	32	38	38	38	38	38	34	47	44	50	37
21	16	18	13	16	29	42	42	50	47	45	47	52	43	47	51	62	60	47	56	47	56	56	51	51	43
22	13	10	10	16	35	54	58	51	53	61	62	71	69	72	75	81	72	69	65	69	65	47	27	19	50
23	8	7	16	52	39	39	57	47	36	38	22	24	34	30	32	40	41	28	30	27	30	27	24	17	30
24	3	2	3	6	13	38	47	46	55	29	25	21	27	29	30	34	31	38	29	34	29	34	26	31	27
25	8	10	14	29	69	83	57	64	62	39	22	19	34	55	105	117	127	121	64	42	64	42	41	27	55
26	30	21	14	23	45	50	55	39	35	39	58	42	59	47	53	67	71	65	49	47	49	47	40	32	45
27	19	18	17	18	45	56	41	52	55	59	60	69	67	62	66	78	75	58	46	35	46	35	39	41	49
28	26	16	17	20	25	31	45	41	44	31	25	31	42	37	41	52	52	47	44	48	44	48	48	47	37
29	18	16	16	34	45	52	48	53	54	51	58	62	.....	.....	69	72	67	66	62	66	62	55	52	51	50
30	46	34	24	39	53	68	66	69	63	60	57	63	71	75	78	72	68	60	58	60	58	59	58	56	59

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	<-----PERCENTILES----->	<-----RANGE----->	STD GEOM DEVIATION	PERCENT VALID DATA	NUMBER OF TIMES ABOVE OBJECTIVE
			50 90 95 98 99	1-HR 24-HR			1-HR 24-HR
41	46	47	46 77 92 110 119	2- 127 27- 76	1.2	55	0 0

- 1. MEANS INVALID DATA
- 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 100 OR 24HR OBJECTIVE 150

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 97/12/17

SITE : SIA TIN

MONTH : SEP

YEAR : 1997

POLLUTANT : O3 OZONE

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	PERCENTILES-----	RANGE-----	STD GEOM DEVIATION	PERCENT VALID DATA	NUMBER OF TIMES ABOVE OBJECTIVE 1-HR
17	16	27	50 90 95 98 99	1-111 8- 88	1.5	64	0

NOTES : 1. MEANS INVALID DATA
 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 240

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 98/01/23

SITE : SHA TIN

MONTH : OCT

YEAR : 1997

UNIT : MICROGRAMS PER CUBIC METRE

POLLUTANT : SO2 SULPHUR DIOXIDE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	3	4	5	6	7	8	9	10	11	7	4	3	3	2	1	2	8	7	10	10	8	5	5
2	3	3	4	5	6	6	9	6	9	10	11	7	4	3	3	2	3	3	3	3	3	4	3	3	3
3	2	3	3	3	3	3	4	8	17	19	12	3	3	1	3	3	5	6	4	3	3	3	1	0	5
4	1	2	0	3	3	3	3	7	6	6	3	2	3	3	5	6	12	55	77	49	34	34	29	21	16
5	13	13	10	9	9	6	6	6	5	6	6	5	6	6	5	11	13	11	13	11	13	21	26	23	11
6	8	7	3	3	3	5	9	12	15	8	5	3	2	3	3	2	3	3	3	5	4	4	3	3	5
7	2	0	0	1	4	7	4	7	4	1	3	1	0	0	0	0	1	2	5	7	17	16	14	9	4
8	3	0	0	1	1	0	0	1	1	6	8	7	5	1	1	0	1	1	3	2	2	3	3	3	2
9	7	5	5	7	7	9	9	9	8	7	8	7	6	7	6	5	7	7	8	13	15	17	13	8	
10	5	3	2	1	2	4	9	11	15	15	27	22	19	20	15	19	18	24	26	27	21	22	20	14	15
11	8	8	6	5	5	6	10	15	21	16	19	23	13	4	3	5	6	5	6	9	4	7	12	10	10
12	5	4	3	3	3	4	6	10	8	4	4	6	5	3	3	3	3	4	4	4	6	8	5	4	5
13	3	4	4	3	3	4	7	9	6	4	4	5	5	4	5	5	5	6	6	7	9	9	13	12	6
14	6	5	4	3	6	6	9	19	12	6	4	5	5	7	10	*****	17	21	23	22	23	22	19	13	11
15	7	4	4	4	4	4	9	14	12	9	6	8	3	3	3	3	5	7	17	24	23	24	25	19	10
16	8	7	5	5	5	5	11	18	20	15	4	1	0	0	1	0	0	2	0	3	5	5	11	7	6
17	2	0	0	0	2	7	2	7	4	1	1	0	1	0	0	1	0	0	0	0	1	1	2	1	1
18	3	2	0	1	0	0	0	6	5	10	3	3	1	3	1	2	1	3	13	8	8	7	13	8	4
19	4	1	3	2	3	3	3	7	9	4	3	4	3	4	17	27	26	28	49	31	11	9	5	8	11
20	5	4	3	2	3	6	6	15	12	7	19	23	30	41	46	52	73	80	71	79	55	46	38	30	32
21	26	22	20	16	16	16	19	29	45	73	75	103	146	133	167	113	123	114	80	72	68	64	57	49	71
22	31	31	30	28	28	28	31	43	45	62	72	71	40	39	59	71	60	50	46	47	46	41	37	27	45
23	13	13	12	11	12	13	16	24	30	41	36	46	30	16	12	13	7	6	4	4	3	3	3	4	16
24	4	3	3	3	3	4	6	13	7	5	3	3	2	3	3	4	4	5	5	9	4	4	6	12	5
25	5	5	4	4	3	4	6	6	5	4	5	3	2	1	2	1	2	3	3	3	4	5	4	2	4
26	3	3	3	3	3	4	5	6	6	4	1	2	3	4	6	11	8	6	3	4	3	4	3	2	4
27	3	2	3	3	3	3	4	7	7	6	7	7	8	8	6	11	14	14	14	8	6	7	6	7	7
28	4	3	3	3	3	3	5	7	8	9	12	16	15	14	6	14	14	14	19	11	11	10	10	6	9
29	4	3	3	3	3	3	4	9	13	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
30	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
31	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	PERCENTILES	RANGE	STD GEOM DEVIATION	PERCENT VALID DATA	NUMBER OF TIMES ABOVE OBJECTIVE
6	6	12	50 90 95 98 99	0- 167 1- 71	1.8	93	0 0 0

NOTES : 1. MEANS INVALID DATA
 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 800 OR 24HR OBJECTIVE 350

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 98/01/23

SITE : SHA TIN

MONTH : OCT

YEAR : 1997

UNIT : MICROGRAMS PER CUBIC METRE

POLLUTANT : NOX NITROGEN OXIDES

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	41	47	96	149	117	104	96	80	40	39	42	29	28	51	161	125	160	212	168	90	89			
2	82	49	32	61	145	70	31	56	22	18	17	15	19	13	29	32	27	38	55	45	26	41			
3	6	11	13	19	122	198	190	107	25	31	27	44	48	67	80	47	36	47	37	39	25	58			
4	23	22	41	37	71	100	90	76	37	24	35	44	61	72	141	189	259	433	347	325	348	336	141		
5	303	261	225	150	52	54	35	42	38	27	48	42	38	79	107	109	96	77	84	89	91	74	96		
6	22	18	19	30	19	73	131	159	76	45	23	27	27	42	43	41	65	54	32	25	31	47			
7	11	15	30	55	147	190	70	50	58	35	26	20	40	55	63	133	189	270	276	219	177	98			
8	16	11	6	9	53	56	113	140	118	102	48	35	40	39	46	54	30	24	21	29	37	48			
9	18	16	31	31	78	89	60	45	48	33	23	30	30	42	47	60	65	115	261	229	272	75			
10	69	53	59	74	128	240	192	159	125	74	57	60	56	70	64	92	109	183	228	275	262	214	129		
11	178	144	140	154	220	336	292	125	126	256	121	53	48	56	73	50	107	203	106	230	281	255	162		
12	72	57	43	62	116	217	138	103	107	125	88	23	23	27	23	39	52	44	72	99	84	45	75		
13	72	49	57	84	184	178	48	29	36	29	23	23	30	32	53	65	61	111	175	189	216	242	90		
14	89	81	78	93	168	337	191	65	32	25	27	34	56	48	59	188	303	305	334	390	333	252	159		
15	62	58	74	75	170	294	232	126	52	74	31	25	***	***	53	107	273	406	289	301	335	319	168		
16	220	197	159	167	238	334	228	148	38	20	17	24	23	29	36	43	38	69	91	112	209	147	118		
17	22	11	15	29	53	124	95	65	45	28	25	20	25	37	43	47	46	53	39	57	45	116	47		
18	99	70	69	24	55	195	128	139	66	47	25	40	27	45	34	82	158	93	108	106	136	189	88		
19	21	23	27	35	101	96	74	35	23	30	18	22	75	73	81	109	148	151	133	121	60	153	73		
20	60	44	33	42	129	274	219	85	95	75	95	86	92	111	160	262	375	299	169	218	255	216	154		
21	96	79	86	98	202	320	293	221	200	216	137	102	119	128	87	230	328	358	418	407	253	193	208		
22	82	61	59	91	199	372	407	248	103	116	200	224	122	93	112	152	272	390	329	324	316	317	209		
23	186	151	110	128	209	344	383	232	329	117	36	33	42	38	40	48	77	92	35	48	45	51	126		
24	48	62	58	77	188	335	78	62	28	29	23	25	21	23	32	43	44	105	85	108	120	219	82		
25	88	84	31	57	86	77	45	19	38	30	28	25	29	30	41	29	54	49	75	82	102	39	53		
26	72	70	40	89	139	188	63	40	20	23	32	25	40	82	66	60	42	38	43	49	47	34	59		
27	14	14	15	19	50	99	90	53	70	56	59	55	46	48	99	113	122	57	44	47	62	72	59		
28	24	15	16	22	47	74	85	80	106	124	109	103	48	52	136	129	136	136	104	102	105	75	83		
29	23	21	17	20	43	100	131	52	49	***	***	***	***	***	***	***	***	***	***	***	123	100	57	***	
30	***	***	***	***	***	31	55	73	74	49	43	37	31	34	***	***	***	138	152	137	109	85	54	70	
31	***	***	16	15	13	17	34	70	115	122	69	66	51	44	30	31	73	161	262	352	468	295	102	72	

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARTH MEAN	PERCENTILES	RANGE	STD GEOM DEVIATION	PERCENT VALID DATA
70	67	100	50 50 95 98 99	6- 468 41- 209	1.4	89

NOTES : 1. *** MEANS INVALID DATA

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 98/01/23

SITE : SHA TIN

MONTH : OCT

YEAR : 1997

POLLUTANT : NO NITRIC OXIDE UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	19	51	35	30	28	19	6	6	5	4	3	4	58	48	51	95	55	9	24
2	16	1	0	0	0	8	51	11	2	7	1	1	1	0	1	0	0	0	0	0	0	3	2	0	5
3	0	0	0	0	0	1	14	41	87	79	34	2	4	3	5	5	12	14	6	2	1	1	1	0	14
4	0	0	3	0	3	28	15	30	28	21	7	3	5	5	9	9	39	73	121	232	178	167	186	182	60
5	165	139	118	69	12	15	6	9	6	9	7	3	7	3	2	12	24	27	24	18	24	27	28	19	34
6	0	0	1	1	1	3	22	55	68	20	9	3	3	3	2	1	3	1	1	4	3	1	0	0	9
7	1	1	1	1	7	54	74	10	6	10	6	8	5	4	3	4	6	6	35	66	115	122	85	60	31
8	0	0	0	0	0	0	0	6	7	31	44	31	23	5	3	2	1	3	3	0	0	0	1	1	7
9	0	0	0	0	0	0	7	10	4	2	4	2	1	1	0	0	0	0	0	2	15	86	69	101	14
10	7	3	6	3	6	17	49	108	69	46	32	11	8	9	5	5	3	4	9	59	94	127	120	94	40
11	78	58	57	66	57	66	106	171	132	31	20	93	30	3	2	2	3	0	10	54	12	72	109	97	55
12	7	4	2	9	12	9	38	97	39	20	18	27	15	2	1	1	1	1	2	3	11	13	9	3	15
13	11	3	5	22	76	65	5	2	2	2	2	1	1	1	1	1	2	1	1	17	47	57	77	101	23
14	21	19	18	27	71	160	59	9	2	1	1	1	2	3	3	1	46	110	115	137	176	148	105	56	
15	6	6	15	18	74	141	93	33	3	3	5	11	3	1	*****	*****	4	20	114	196	131	139	160	153	66
16	98	87	66	72	112	163	89	41	1	1	2	2	2	2	2	2	2	1	0	7	9	21	80	46	41
17	0	0	0	1	6	34	23	8	6	4	6	4	2	1	2	3	2	2	1	2	1	2	2	28	6
18	24	11	11	2	9	74	38	44	11	6	11	6	3	6	3	8	4	11	50	17	18	16	31	65	21
19	0	0	0	0	0	1	20	18	12	4	2	2	1	1	4	3	1	1	9	26	24	27	3	34	9
20	4	2	1	2	45	123	80	15	7	6	5	7	6	6	5	5	8	38	116	75	22	52	91	76	36
21	12	7	13	24	86	150	121	67	47	50	8	50	8	3	2	6	4	59	108	123	159	154	73	52	60
22	10	4	5	22	86	182	185	84	8	18	51	18	12	2	2	2	7	70	150	126	131	130	139	67	
23	65	50	27	41	92	167	176	76	126	22	1	1	1	1	1	0	1	1	11	18	0	1	0	1	40
24	2	6	5	15	80	153	14	10	3	3	3	3	2	2	1	1	1	3	2	15	4	20	25	84	21
25	10	11	1	3	9	7	2	2	3	3	3	3	2	2	2	2	3	1	3	2	8	10	14	1	5
26	4	3	0	15	41	62	9	4	1	2	3	2	3	2	3	8	5	5	2	2	4	7	8	3	9
27	0	0	0	0	8	31	27	10	15	8	7	6	4	4	4	4	20	27	33	6	3	4	8	14	11
28	0	0	0	0	0	0	8	19	24	20	31	16	27	26	6	6	44	37	43	44	26	27	28	13	21
29	0	0	0	0	0	0	4	27	44	8	7	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	27	16	6	*****
30	0	0	0	0	0	0	2	9	10	6	4	3	2	1	*****	*****	*****	*****	26	30	24	16	6	0	9
31	0	0	0	0	0	0	1	7	27	32	11	10	7	5	2	2	9	18	98	155	230	125	16	4	35

MONTHLY STATISTICS :

GEOM MEAN	MEDIAN	ARITH MEAN	PERCENTILES	PERCENT
8	7	28	50 90 95 98 99	VALID DATA
			1-HR 0- 232 5- 67	89
			24-HR 3.8	
			STD GEOM DEVIATION	

NOTES : 1. ***** MEANS INVALID DATA

ENVIRONMENTAL PROTECTION DEPARTMENT

AIR QUALITY DATA MONTHLY TIME SERIES REPORT

DATE RUN : 98/01/23

SITE : SHA TIN

POLLUTANT : NO2 NITROGEN DIOXIDE

MONTH : OCT

YEAR : 1997

UNIT : MICROGRAMS PER CUBIC METRE

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	41	31	43	45	67	71	63	58	53	51	31	31	30	34	23	23	45	72	51	82	86	84	76	52
2	57	47	32	49	49	67	53	28	45	20	16	16	15	15	17	13	15	29	32	27	38	50	42	26	33
3	6	11	13	17	32	59	65	69	55	22	25	22	25	22	36	40	48	58	38	33	45	35	37	25	36
4	23	22	16	32	48	54	47	44	26	19	27	36	47	36	47	58	81	74	74	78	75	70	64	58	50
5	51	48	45	44	34	31	26	28	27	22	22	37	37	37	35	60	70	67	59	49	47	48	48	45	44
6	22	18	17	24	39	47	55	45	31	22	19	16	20	16	20	25	37	41	39	59	49	30	25	31	32
7	9	13	28	44	64	77	55	41	46	27	20	20	15	34	46	54	46	54	79	88	94	89	89	85	51
8	16	11	6	9	19	44	45	65	72	70	67	40	30	37	37	41	49	30	24	21	27	21	27	35	36
9	18	16	11	31	67	73	54	42	42	30	21	28	30	30	42	47	60	62	92	129	123	129	117	54	68
10	58	48	50	48	53	75	86	88	76	57	45	46	48	62	59	86	95	86	95	92	84	81	78	70	68
11	59	55	53	53	58	74	90	77	95	113	75	48	45	53	68	50	91	120	87	120	87	120	114	106	77
12	61	51	40	48	58	69	78	72	79	83	65	20	21	25	21	37	49	19	55	79	55	79	70	40	53
13	55	44	49	50	68	78	40	26	33	26	21	21	28	30	50	63	59	85	103	102	103	102	98	87	55
14	57	52	50	52	59	92	100	51	29	23	25	31	51	46	57	117	134	129	124	129	124	121	106	91	73
15	53	49	51	47	57	78	90	75	44	57	26	23	****	****	47	76	98	98	106	88	88	88	90	85	66
16	70	64	58	57	67	85	92	85	30	18	15	21	20	26	33	41	38	58	77	80	77	80	86	76	54
17	22	11	15	27	44	72	60	53	16	22	22	18	22	32	40	44	44	44	44	50	37	54	42	38	38
18	62	53	52	21	41	82	70	71	49	38	20	31	22	33	28	65	81	67	80	81	80	81	88	89	56
19	21	23	27	33	70	68	55	29	20	27	16	20	69	68	79	107	134	111	96	79	96	79	55	101	59
20	54	41	31	19	60	86	96	62	70	67	84	77	84	103	147	203	197	184	135	138	135	138	116	99	99
21	77	68	66	61	70	90	108	118	128	139	124	97	116	118	81	139	162	169	174	171	174	171	141	113	115
22	66	55	51	57	67	94	124	119	90	88	122	135	103	90	109	141	164	160	136	160	136	123	117	104	105
23	86	74	68	65	68	88	114	115	136	83	34	31	40	38	38	46	60	64	35	64	35	46	45	49	65
24	45	53	50	54	65	101	56	47	23	24	20	22	19	21	30	38	41	82	79	77	79	77	81	90	51
25	72	67	29	52	72	66	42	34	33	25	25	22	26	27	27	36	27	49	46	63	66	66	80	37	45
26	66	65	40	66	76	93	49	34	49	34	18	20	27	35	70	58	52	39	35	37	38	38	35	29	46
27	14	14	15	19	38	51	49	38	47	44	48	46	40	42	68	71	71	48	19	41	50	41	50	50	43
28	24	15	16	22	35	45	48	49	58	69	67	63	39	43	69	72	70	69	64	61	62	61	62	55	51
29	23	21	17	20	37	59	64	40	38	****	****	****	****	****	****	****	****	****	****	****	****	81	75	48	****
30	20	****	****	33	52	59	59	40	37	32	28	32	****	****	****	****	****	****	98	106	100	84	76	54	57
31	16	15	13	17	12	59	73	73	52	51	40	36	27	28	59	103	112	115	116	116	104	77	66	58	

MONTHLY STATISTICS :

GEOM MEAN	HEDIAN	ARITH MEAN	<-----PERCENTILES----->	<-----RANGE----->	STD GEOM DEVIATION	PERCENT VALID DATA	NUMBER OF TIMES ABOVE OBJECTIVE
49	51	57	50 90 95	1-HR 24-HR	1.2	89	1-HR 24-HR
49	51	57	50 90 95	1-HR 24-HR	1.2	89	0 0

NOTES : 1. **** MEANS INVALID DATA
 2. UNDERLINED READINGS EXCEED 1HR OBJECTIVE 100 OR 24HR OBJECTIVE 150

C-2 FDM MODEL RESULTS

FDM Emission Rate Calculation (Based on AP-42)

JOB : Tai Po Road

(Footbridge within roundabout)

(WIDTH: 6 metres)

soil moisture content : 4%

silt content: 4.8%

wet days in 1994: 105

1) Hauling

INPUT DATA		OUTPUT DATA	
k constant =	0.8	Loaded Weight (ton) =	20
Silt Cont. (%) =	4.8	Unloaded Weight (ton) =	5
Speed (km/h) =	21	Emission rate (loaded) =	1.0889
Truck Capacity (m3) =	6	Emission rate (unloaded) =	0.4126
Load Density (kg/M3) =	2500	Total (kg/VKT) =	1.5015
Truck Weight (kg) =	5000	No. of Truck per hr =	6
No. of Wheels =	10	Emission rate (g/s/m) =	2.5026E-03
No. of Wet Days =	105	Suppression (%)	70
		unmitigated (g/s/m)	mitigated (g/s/m)
		2.5026E-03	7.5077E-04

2) Stockpiling

INPUT DATA		OUTPUT DATA	
Silt Cont. (%) =	4.8	Emission rate (g/s/m2) =	7.786E-06
No. of Wet Days =	105	Emission rate (g/s/m) =	1.32E-04
width of the road (m) =	17	Suppression (%)	50
		mitigated emission rate (g/s/m) =	6.62E-05

3) Construction

INPUT DATA		OUTPUT DATA	
Emission Rate (g/m2/month)	269	Emission Rate (g/m/s) =	1.76E-03
width of the road (m)	17	Suppression (%)	70
month (30 days)	30	mitigated emission rate (g/s/m) =	5.29E-04

Unmitigated (width of main carriageway: 8 m)

Hauling + Stockpiling + Construction = 4.40E-03 g/s/m
(line source)

Mitigated (width of main carriageway: 8 m)

Hauling + Stockpiling + Construction = 1.35E-03 g/s/m
(line source)

FDM Emission Rate Calculation (Based on AP-42)

JOB : Tai Po Road

(WIDTH: 8 metres)

soil moisture content : 4%

silt content: 4.8%

wet days in 1994: 105

1) Hauling

INPUT DATA		OUTPUT DATA	
k constant =	0.8	Loaded Weight (ton) =	20
Silt Cont. (%) =	4.8	Unloaded Weight (ton) =	5
Speed (km/h) =	21	Emission rate (loaded) =	1.0889
Truck Capacity (m3) =	6	Emission rate (unloaded) =	0.4126
Load Density (kg/M3) =	2500		
Truck Weight (kg) =	5000	Total (kg/VKT) =	1.5015
No. of Wheels =	10		
No. of Wet Days =	105		
		No. of Truck per hr =	5
		Emission rate (g/s/m) =	Suppression (%)
		2.0855E-03	70
		unmitigated (g/s/m)	mitigated (g/s/m)
		2.0855E-03	6.2564E-04

2) Stockpiling

INPUT DATA		OUTPUT DATA	
Silt Cont. (%) =	4.8	Emission rate (g/s/m ²) =	7.786E-06
No. of Wet Days =	105	Emission rate (g/s/m) =	6.23E-05
width of the road (m) =	8	Suppression (%)	50
		mitigated emission rate (g/s/m) =	3.11E-05

3) Construction

INPUT DATA		OUTPUT DATA	
Emission Rate (g/m ² /month)	269	Emission Rate (g/m/s) =	8.30E-04
width of the road (m)	8	Suppression (%)	70
month (30 days)	30	mitigated emission rate (g/s/m) =	2.49E-04

Unmitigated (width of main carriageway: 8 m)

Hauling + Stockpiling + Construction = 2.98E-03 g/s/m
(line source)

Mitigated (width of main carriageway: 8 m)

Hauling + Stockpiling + Construction = 9.06E-04 g/s/m
(line source)

17	43	837684.5	827376.0	7464	1085.8958	54.8753
18	43	837684.5	827376.0	21	1085.8931	54.8802
19	43	837684.5	827376.0	1373	1085.8931	54.8802
20	43	837684.5	827376.0	8475	1085.8892	54.8866
21	43	837684.5	827376.0	7463	1085.8872	54.8898
22	43	837684.5	827376.0	8474	1085.8872	54.8898
23	43	837684.5	827376.0	7344	1085.8843	54.8946
24	43	837684.5	827376.0	8692	1085.8834	54.8962
25	43	837684.5	827376.0	7343	1085.8823	54.8978
26	43	837684.5	827376.0	8473	1085.8805	54.9010
27	43	837684.5	827376.0	2016	1085.8767	54.9074
28	43	837684.5	827376.0	7342	1085.8728	54.9136
29	43	837684.5	827376.0	1612	1085.8717	54.9152
30	43	837684.5	827376.0	1782	1085.8717	54.9152
31	43	837684.5	827376.0	7345	1085.8710	54.9168
32	43	837684.5	827376.0	7346	1085.8671	54.9230
33	43	837684.5	827376.0	7347	1085.8662	54.9246
34	43	837684.5	827376.0	7348	1085.8623	54.9308
35	43	837684.5	827376.0	1731	1085.8585	54.9370
36	43	837684.5	827376.0	7159	1085.8501	54.9507
37	43	837684.5	827376.0	7160	1085.8491	54.9522
38	43	837684.5	827376.0	7158	1085.8480	54.9537
39	43	837684.5	827376.0	2238	1085.8472	54.9552
40	43	837684.5	827376.0	7157	1085.8462	54.9567
41	43	837684.5	827376.0	7655	1085.8424	54.9627
42	43	837684.5	827376.0	7156	1085.8416	54.9642
43	43	837684.5	827376.0	7654	1085.8406	54.9657
44	43	837684.5	827376.0	7134	1085.8329	54.9776
45	43	837684.5	827376.0	6935	1085.8207	54.9965
46	43	837684.5	827376.0	6244	1085.8187	54.9993
47	43	837684.5	827376.0	4898	1085.8048	55.0206
48	43	837684.5	827376.0	1779	1084.2719	55.1952
49	16	837914.3	827644.4	143	1070.2671	55.1864
50	16	837914.3	827644.4	8644	1061.8033	54.6069

HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	138.9476	3949.	8.0704	138.9476	7576.	8.0713
2	837244.9	826703.4	184.4651	4768.	10.4393	184.4650	4769.	10.4401
3	837260.9	826747.7	160.6275	4411.	8.7368	160.6270	4481.	8.7407
4	837322.3	826789.9	102.2194	6130.	4.9899	101.9922	2335.	4.9470
5	837287.6	826830.0	99.0226	1316.	4.8060	99.0210	2297.	4.8136
6	837526.6	827106.9	149.1571	4916.	7.5447	149.0048	822.	7.4648
7	837566.2	827152.1	195.5883	8315.	9.9719	195.5880	884.	9.9733
8	837584.7	827099.9	124.3725	1038.	6.2843	124.3721	874.	6.2862
9	837636.5	827157.6	174.5242	1466.	9.1723	173.2567	8257.	7.1194
10	837682.1	827153.6	119.1522	1467.	6.1708	118.3490	8216.	5.6111
11	837645.6	827255.1	424.8717	656.	26.1098	424.8716	657.	26.1101
12	837702.2	827318.7	230.4405	7437.	11.4483	230.4367	716.	11.4641
13	837707.3	827196.1	232.1533	1779.	12.8288	230.5989	7135.	12.2321
14	837771.4	827137.9	104.5320	1158.	5.4938	104.5262	90.	5.5242
15	837815.5	827496.7	284.9236	3487.	10.4933	284.9221	3486.	10.4962
16	837914.3	827644.4	1070.2671	143.	55.1864	1061.8033	8644.	54.6069
17	837974.7	827492.1	126.6355	8298.	6.6631	126.6284	6678.	6.7001
18	837985.3	827548.0	167.4995	669.	8.0217	167.4982	8549.	8.0268
19	838033.3	827568.8	148.7123	597.	7.7879	148.6955	8372.	7.8803
20	838165.7	827852.1	504.1674	1066.	24.2796	504.1476	1450.	24.3615
21	838286.8	827897.4	360.6160	669.	17.8781	360.6136	8549.	17.8882
22	837964.9	827946.7	18.2424	2392.	0.9482	18.2421	4357.	0.9536
23	838634.8	828252.8	275.5726	3927.	14.0651	275.5702	3062.	14.0766
24	838632.2	828307.0	228.8795	2335.	11.5678	228.8724	4566.	11.6023
25	837816.9	827663.5	264.9034	3873.	13.6901	264.9003	4869.	13.7060
26	837941.1	827779.5	277.4030	3067.	14.3144	276.6692	1316.	14.1847
27	837526.9	827379.0	401.3228	2112.	21.5428	401.3225	428.	21.5434
28	837541.4	827394.8	459.8675	215.	24.4539	459.8319	8620.	24.5022
29	837572.6	827417.8	667.9474	3982.	37.3846	667.9417	4855.	37.3922
30	837288.9	827055.5	101.3446	245.	4.1604	100.3552	190.	4.5854
31	837250.2	826951.9	79.0280	2020.	0.9826	79.0269	2283.	0.9899
32	837259.5	827018.2	56.0515	1057.	2.4378	56.0514	1056.	2.4380
33	837122.0	826758.6	20.9047	7743.	1.1954	20.9047	7742.	1.1955
34	836960.3	826607.6	65.8387	3873.	3.2257	65.8377	4869.	3.2302
35	837256.0	826635.9	933.2313	405.	47.5215	932.4825	5.	47.3880
36	837002.9	826610.5	109.4673	3873.	5.6674	109.4659	4869.	5.6739
37	838451.0	828106.0	661.9533	7321.	32.9795	661.9503	2424.	32.9871
38	838402.0	827918.9	263.6917	5.	10.2762	263.6871	457.	10.2840
39	838436.8	827842.3	181.3590	8323.	9.7509	181.3574	380.	9.7596
40	838071.1	827793.2	346.6548	7400.	18.1189	334.0547	8237.	17.9938
41	838002.5	827663.7	429.6594	1206.	22.0178	429.6035	6264.	22.1370
42	837696.7	827389.9	615.0831	4775.	29.9846	614.3700	656.	29.5017
43	837684.5	827376.0	1107.8964	7135.	56.1442	1085.9623	623.	54.7585
44	837781.6	827402.0	232.9982	3107.	11.7539	231.6033	3033.	11.8077
45	838374.7	827824.1	218.6187	597.	11.7382	218.5968	8372.	11.8650
46	838007.6	828041.7	20.1416	7770.	1.0611	20.0943	6972.	1.0613
47	838124.5	828228.9	20.7295	5339.	1.1084	20.7294	5921.	1.1094
48	838230.0	828063.0	550.7452	5521.	24.8421	550.7414	5520.	24.8474
49	838020.0	827871.0	304.1672	7246.	16.1123	291.5139	633.	15.7865
50	837117.0	826709.0	321.6671	4857.	16.9086	321.6669	4846.	16.9095
51	837060.0	826644.0	208.3704	1976.	10.5321	208.3701	82.	10.5334
52	838375.0	826598.0	17.9699	1467.	0.7396	17.0420	7752.	0.1748

30	837288.9	827055.5	38.3415	528.	2.1876	33.6509	8256.	1.5577
31	837250.2	826951.9	38.9515	4800.	1.5674	32.2892	8256.	1.4677
32	837259.5	827018.2	24.7727	528.	1.3525	20.5356	8256.	0.8823
33	837122.0	826758.6	6.9200	528.	0.3337	6.5132	6480.	0.3968
34	836960.3	826607.6	28.6559	2184.	1.5279	26.3078	8520.	1.2540
35	837256.0	826635.9	521.0939	4968.	27.7237	500.4253	8352.	25.0931
36	837002.9	826610.5	46.4111	8520.	2.3311	43.0423	2184.	2.3681
37	838451.0	828106.0	227.1135	8256.	13.0252	199.8691	7008.	8.9110
38	838402.0	827918.9	114.9259	4968.	4.8560	98.1971	4944.	4.7757
39	838436.8	827842.3	99.7421	8352.	3.5054	58.8022	8328.	2.3373
40	838073.1	827793.2	143.0219	8256.	7.7308	119.4725	7320.	6.2005
41	838002.5	827663.7	223.2823	8352.	10.7152	181.5339	4968.	8.6006
42	837696.7	827389.9	332.4031	4968.	17.0561	263.2729	7080.	13.3146
43	837684.5	827376.0	493.3354	4968.	26.0862	345.5175	7080.	18.1511
44	837781.6	827402.0	64.5419	6552.	3.3166	59.4167	7464.	2.4446
45	838374.7	827824.1	94.0475	8352.	3.7247	79.9231	8328.	3.4106
46	838007.6	828041.7	11.5146	2184.	0.5049	9.4846	2208.	0.4746
47	838124.5	828228.9	8.7316	2184.	0.3884	7.3956	2208.	0.3644
48	838230.0	828063.0	274.2630	7104.	13.3523	252.6580	3216.	12.9411
49	838020.0	827871.0	146.9886	6792.	5.4056	143.4681	7632.	5.0888
50	837117.0	826709.0	204.0790	6912.	9.6187	201.8789	7584.	9.0257
51	837060.0	826644.0	109.5634	2184.	6.1541	105.8907	8520.	5.7626
52	838375.0	826598.0	8.5406	8016.	0.2544	8.2495	96.	0.2124

DATE AT END OF RUN: 06/17/98 TIME AT END OF RUN: 18:48:42.63
 ELAPSED TIME FOR THIS RUN: 0.68409E-01 SECONDS
 OR 0 HOURS 11 MINUTES 24.09 SECONDS

2	0.004400000	0.46514	0.000	838175.	827917.	838090.	827854.	7.50	17.00
2	0.000000000	0.00000	0.000	838090.	827854.	838021.	827790.	7.50	17.00
2	0.000000000	0.00000	0.000	838021.	827790.	837941.	827714.	7.50	17.00
2	0.000000000	0.00000	0.000	837941.	827714.	837881.	827654.	7.50	17.00
2	0.004400000	0.31872	0.000	837881.	827654.	837830.	827603.	7.50	17.00
2	0.000000000	0.00000	0.000	837830.	827603.	837764.	827536.	7.50	17.00
2	0.000000000	0.00000	0.000	837764.	827536.	837680.	827426.	7.50	17.00
2	0.000000000	0.00000	0.000	837680.	827426.	837615.	827331.	7.50	17.00
2	0.000000000	0.00000	0.000	837615.	827331.	837548.	827239.	7.50	17.00
2	0.000000000	0.00000	0.000	837548.	827239.	837480.	827145.	7.50	17.00
2	0.000000000	0.00000	0.000	837480.	827145.	837422.	827065.	7.50	17.00
2	0.000000000	0.00000	0.000	837422.	827065.	837362.	826983.	7.50	17.00
2	0.000000000	0.00000	0.000	837362.	826983.	837296.	826894.	7.50	17.00
2	0.000000000	0.00000	0.000	837296.	826894.	837243.	826805.	7.50	17.00
2	0.000000000	0.00000	0.000	837243.	826805.	837210.	826706.	7.50	17.00
2	0.000000000	0.00000	0.000	837210.	826706.	837225.	826608.	7.50	17.00
2	0.003400000	0.26678	0.000	837531.	827274.	837592.	827224.	13.50	8.00
2	0.003400000	0.02209	0.000	837561.	827309.	837566.	827314.	13.50	8.00
2	0.002750000	0.29736	0.000	837566.	827314.	837630.	827401.	7.50	6.00
2	0.002750000	0.09858	0.000	837630.	827401.	837660.	827382.	7.50	6.00
2	0.002750000	0.28274	0.000	837660.	827382.	837606.	827295.	7.50	6.00

TOTAL EMISSIONS 0.23075E+01 GRAMS/SEC

SHORT DISTANCE (5.000 M) MASS CONSERVATION CORRECTION FACTORS USED

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.23077E+01 GRAMS/SEC

(837231., 826661., 2.290)	(837245., 826703., 2.524)	(837261., 826748., 2.814)
(837122., 826790., 3.307)	(837288., 826830., 3.504)	(837527., 827107., 15.630)
(837566., 827152., 25.174)	(837585., 827100., 14.705)	(837637., 827158., 15.541)
(837682., 827154., 10.952)	(837646., 827255., 45.248)	(837702., 827319., 25.565)
(837707., 827196., 17.141)	(837771., 827138., 9.351)	(837816., 827497., 30.739)
(837914., 827644., 26.083)	(837975., 827492., 8.369)	(837985., 827548., 9.364)
(838033., 827569., 7.964)	(838166., 827852., 46.611)	(838287., 827897., 8.523)
(837965., 827947., 1.018)	(838635., 828253., 4.897)	(838632., 828307., 5.014)
(837817., 827664., 27.228)	(837941., 827780., 17.753)	(837527., 827379., 66.376)
(837541., 827395., 64.474)	(837573., 827418., 63.152)	(837289., 827056., 6.710)
(837250., 826952., 4.832)	(837260., 827018., 3.990)	(837122., 826759., 1.026)
(836960., 826608., 1.611)	(837256., 826636., 2.691)	(837003., 826611., 1.875)
(838451., 828106., 246.731)	(838402., 827919., 12.074)	(838437., 827842., 7.311)
(838073., 827793., 43.809)	(838003., 827664., 13.338)	(837697., 827390., 43.551)
(837685., 827376., 62.335)	(837782., 827402., 20.178)	(838375., 827824., 6.948)
(838008., 828042., 0.987)	(838125., 828229., 1.003)	(838230., 828063., 17.871)
(838020., 827871., 41.405)	(837117., 826709., 2.705)	(837060., 826644., 2.264)
(838375., 826598., 1.156)	{	{

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC

(837231., 826661.,)	(837245., 826703.,)	(837261., 826748.,)
(837122., 826790.,)	(837288., 826830.,)	(837527., 827107.,)
(837566., 827152.,)	(837585., 827100.,)	(837637., 827158.,)
(837682., 827154.,)	(837646., 827255.,)	(837702., 827319.,)
(837707., 827196.,)	(837771., 827138.,)	(837816., 827497.,)
(837914., 827644.,)	(837975., 827492.,)	(837985., 827548.,)
(838033., 827569.,)	(838166., 827852.,)	(838287., 827897.,)
(837965., 827947.,)	(838635., 828253.,)	(838632., 828307.,)
(837817., 827664.,)	(837941., 827780.,)	(837527., 827379.,)
(837541., 827395.,)	(837573., 827418.,)	(837289., 827056.,)
(837250., 826952.,)	(837260., 827018.,)	(837122., 826759.,)
(836960., 826608.,)	(837256., 826636.,)	(837003., 826611.,)
(838451., 828106.,)	(838402., 827919.,)	(838437., 827842.,)
(838073., 827793.,)	(838003., 827664.,)	(837697., 827390.,)
(837685., 827376.,)	(837782., 827402.,)	(838375., 827824.,)
(838008., 828042.,)	(838125., 828229.,)	(838230., 828063.,)
(838020., 827871.,)	(837117., 826709.,)	(837060., 826644.,)
(838375., 826598.,)	{	{

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

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TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	37	838451.0	828106.0	5521	1136.1229	59.5552
2	37	838451.0	828106.0	5520	1136.1183	59.5631
3	37	838451.0	828106.0	674	1132.1233	59.1037
4	37	838451.0	828106.0	1535	1132.0789	58.8457
5	37	838451.0	828106.0	8713	1132.0712	59.2108
6	37	838451.0	828106.0	1584	1132.0667	59.2201
7	37	838451.0	828106.0	8712	1132.0667	59.2201
8	37	838451.0	828106.0	8381	1132.0636	59.2263
9	37	838451.0	828106.0	8380	1132.0619	59.2294
10	37	838451.0	828106.0	8710	1132.0612	59.2309
11	37	838451.0	828106.0	8711	1132.0604	59.2325
12	37	838451.0	828106.0	1583	1132.0588	59.2355
13	37	838451.0	828106.0	2263	1132.0588	58.8848
14	37	838451.0	828106.0	8709	1132.0564	59.2401
15	37	838451.0	828106.0	1582	1132.0541	59.2447
16	37	838451.0	828106.0	1347	1132.0510	59.2507

TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	37	838451.0	828106.0	6912	734.1993	39.7671
2	37	838451.0	828106.0	1584	721.0090	38.6315
3	37	838451.0	828106.0	7104	702.8371	38.3981
4	37	838451.0	828106.0	7584	688.4387	36.9667
5	37	838451.0	828106.0	4872	685.6440	37.2482
6	37	838451.0	828106.0	8760	666.0348	36.0330
7	37	838451.0	828106.0	8784	666.0348	36.0330
8	37	838451.0	828106.0	7560	651.6330	35.0310
9	37	838451.0	828106.0	6600	619.7985	35.4782
10	37	838451.0	828106.0	8520	638.2510	36.1996
11	37	838451.0	828106.0	4632	619.5093	33.9762
12	37	838451.0	828106.0	6936	596.7059	32.4101
13	37	838451.0	828106.0	4656	586.6434	32.8004
14	37	838451.0	828106.0	7944	586.3411	33.5347
15	37	838451.0	828106.0	4472	580.5316	30.6907
16	37	838451.0	828106.0	7608	574.1198	31.0179
17	37	838451.0	828106.0	4728	571.1744	32.2244
18	37	838451.0	828106.0	6840	561.7524	30.1293
19	37	838451.0	828106.0	6720	555.3806	30.4318
20	37	838451.0	828106.0	3912	551.6198	29.7581
21	37	838451.0	828106.0	6624	548.3098	30.4757
22	37	838451.0	828106.0	4896	547.4967	28.9970
23	37	838451.0	828106.0	312	546.4149	29.7400
24	37	838451.0	828106.0	3216	532.9738	29.4703
25	37	838451.0	828106.0	3192	532.7696	29.5967
26	37	838451.0	828106.0	7968	529.3570	29.2647
27	37	838451.0	828106.0	3888	527.6423	28.4258
28	37	838451.0	828106.0	7128	518.4046	28.5347
29	37	838451.0	828106.0	48	513.2144	28.4059
30	37	838451.0	828106.0	8688	509.7135	27.8827
31	37	838451.0	828106.0	2184	505.9488	28.7554
32	37	838451.0	828106.0	6744	505.3782	28.3485
33	43	837684.5	827376.0	4968	492.7706	26.0545
34	37	838451.0	828106.0	6048	491.5642	26.3154
35	37	838451.0	828106.0	4848	488.9321	27.4310
36	37	838451.0	828106.0	4128	488.3255	26.3135
37	37	838451.0	828106.0	4080	486.8148	26.5839
38	37	838451.0	828106.0	6312	470.0862	26.3487
39	37	838451.0	828106.0	7800	468.6667	24.2018
40	37	838451.0	828106.0	1704	462.7946	25.2618
41	37	838451.0	828106.0	3000	458.6180	26.4944
42	37	838451.0	828106.0	4776	458.3494	24.8166
43	37	838451.0	828106.0	2976	451.8940	25.7235
44	37	838451.0	828106.0	8616	451.3208	25.2062
45	37	838451.0	828106.0	6864	448.2313	23.9155
46	37	838451.0	828106.0	4680	447.4470	26.6697
47	37	838451.0	828106.0	1800	446.6439	25.5922
48	37	838451.0	828106.0	6792	443.6708	22.9859
49	37	838451.0	828106.0	2640	442.5616	25.9353
50	37	838451.0	828106.0	2208	439.4730	25.0398

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HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	15.9038	4800.	0.5351	14.2544	4824.	0.2362
2	837244.9	826703.4	17.4058	4800.	0.6002	15.2180	4824.	0.2596
3	837260.9	826747.7	19.1585	4800.	0.6788	16.2468	4824.	0.2875
4	837322.3	826789.9	22.0064	4800.	0.8013	18.4238	4824.	0.3433
5	837287.6	826830.0	22.7349	4800.	0.8545	19.1591	6456.	1.0880
6	837526.6	827106.9	71.4343	840.	3.8542	64.5429	6528.	2.9448
7	837566.2	827152.1	127.5684	6552.	6.3310	110.5277	8016.	5.2898
8	837584.7	827099.9	79.7057	6552.	3.8676	73.9169	8016.	3.4366
9	837636.5	827157.6	66.2637	2832.	2.3307	65.3710	6552.	3.1293
10	837682.1	827153.6	44.5618	600.	2.4690	43.4635	6552.	2.0511
11	837645.6	827255.1	162.8922	8016.	7.9491	162.7884	6552.	8.4815
12	837702.2	827318.7	116.0549	8352.	4.4909	110.2658	4968.	5.0161
13	837707.3	827196.1	69.2745	8568.	3.2973	68.4832	7176.	3.3757
14	837771.4	827137.9	58.9059	8352.	2.6740	43.2562	8328.	1.7250
15	837815.5	827496.7	112.5673	2832.	4.5566	108.3934	6096.	4.3340
16	837914.3	827644.4	268.3563	4968.	13.6943	261.0733	7080.	13.4285
17	837974.7	827492.1	29.1655	2832.	1.0150	27.5494	6096.	0.9347
18	837985.3	827548.0	54.6014	8352.	1.9088	34.8656	8424.	1.1395
19	838033.3	827568.8	29.0123	8352.	1.0143	25.9769	8424.	0.7635
20	838165.7	827852.1	156.4081	8328.	6.9762	155.7829	96.	7.2060
21	838286.8	827897.4	65.8134	7080.	2.5551	61.8158	4968.	2.3713
22	837964.9	827946.7	5.6060	3768.	0.2751	4.8425	3744.	0.2106
23	838634.8	828252.8	43.3560	4992.	1.0953	36.3076	3768.	2.1014
24	838632.2	828307.0	32.7373	7632.	0.9487	31.3950	7656.	0.7539
25	837816.9	827663.5	96.0000	2184.	5.2538	91.1903	5040.	3.5887
26	837941.1	827779.5	84.4817	7632.	2.5596	79.2934	5016.	2.6448
27	837526.9	827379.0	279.9831	6912.	15.4406	271.6293	7584.	14.8722
28	837541.4	827394.8	296.9271	6912.	16.4456	284.6125	7584.	15.6758
29	837572.6	827417.8	396.1035	7584.	22.3569	344.4539	1584.	19.3760

17	43	837684.5	827376.0	7464	1085.8958	54.8753
18	43	837684.5	827376.0	21	1085.8931	54.8802
19	43	837684.5	827376.0	1373	1085.8931	54.8802
20	43	837684.5	827376.0	8475	1085.8892	54.8866
21	43	837684.5	827376.0	7463	1085.8872	54.8898
22	43	837684.5	827376.0	8474	1085.8872	54.8898
23	43	837684.5	827376.0	7344	1085.8843	54.8946
24	43	837684.5	827376.0	8692	1085.8834	54.8962
25	43	837684.5	827376.0	7343	1085.8823	54.8978
26	43	837684.5	827376.0	8473	1085.8805	54.9010
27	43	837684.5	827376.0	2016	1085.8767	54.9074
28	43	837684.5	827376.0	7342	1085.8728	54.9136
29	43	837684.5	827376.0	1612	1085.8717	54.9152
30	43	837684.5	827376.0	1782	1085.8717	54.9152
31	43	837684.5	827376.0	7345	1085.8710	54.9168
32	43	837684.5	827376.0	7346	1085.8671	54.9230
33	43	837684.5	827376.0	7347	1085.8662	54.9246
34	43	837684.5	827376.0	7348	1085.8623	54.9308
35	43	837684.5	827376.0	1731	1085.8585	54.9370
36	43	837684.5	827376.0	7159	1085.8501	54.9507
37	43	837684.5	827376.0	7160	1085.8491	54.9522
38	43	837684.5	827376.0	7158	1085.8480	54.9537
39	43	837684.5	827376.0	2238	1085.8472	54.9552
40	43	837684.5	827376.0	7157	1085.8462	54.9567
41	43	837684.5	827376.0	7655	1085.8424	54.9627
42	43	837684.5	827376.0	7156	1085.8416	54.9642
43	43	837684.5	827376.0	7654	1085.8406	54.9657
44	43	837684.5	827376.0	7134	1085.8329	54.9776
45	43	837684.5	827376.0	6935	1085.8207	54.9965
46	43	837684.5	827376.0	6244	1085.8187	54.9993
47	43	837684.5	827376.0	4898	1085.8048	55.0206
48	43	837684.5	827376.0	1779	1084.2719	55.1952
49	43	837684.5	827376.0	1206	1050.2689	55.6622
50	43	837684.5	827376.0	6264	1050.1694	55.9283

HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	97.3609	822.	4.6398	97.3578	790.	4.6548
2	837244.9	826703.4	108.4173	822.	5.1615	108.4138	790.	5.1782
3	837260.9	826747.7	129.6568	8125.	6.8940	129.6568	8126.	6.8940
4	837322.3	826789.9	94.2264	5780.	5.1256	93.9121	598.	5.0030
5	837287.6	826830.0	109.5659	1022.	6.0951	109.5630	8466.	6.1494
6	837526.6	827106.9	138.4696	822.	6.9840	138.4659	790.	7.0029
7	837566.2	827152.1	192.7705	8315.	9.8402	192.7702	884.	9.8416
8	837584.7	827099.9	123.6389	1038.	6.2499	123.6385	874.	6.2518
9	837636.5	827157.6	174.5242	1466.	9.1723	173.2567	8257.	7.1194
10	837682.1	827153.6	119.1522	1467.	6.1708	118.3490	8216.	5.6111
11	837645.6	827255.1	424.8718	656.	26.1098	424.8717	657.	26.1101
12	837702.2	827318.7	230.4405	7437.	11.4483	230.4367	716.	11.4641
13	837707.3	827196.1	232.1533	1779.	12.8288	230.5989	7135.	12.2321
14	837771.4	827137.9	104.5320	1158.	5.4938	104.5262	90.	5.5242
15	837815.5	827496.7	284.9236	3487.	10.4933	284.9221	3486.	10.4962
16	837914.3	827644.4	136.3382	5954.	7.1689	129.8945	2902.	7.1359
17	837974.7	827492.1	76.1452	3927.	3.8846	76.1445	3062.	3.8878
18	837985.3	827548.0	75.8720	3927.	3.8568	75.8713	3062.	3.8600
19	838033.3	827568.8	65.5090	3927.	3.2936	65.5083	3062.	3.2964
20	838165.7	827852.1	92.2142	245.	4.4195	90.6528	190.	4.6633
21	838286.8	827897.4	138.9448	80.	4.2448	134.3736	986.	6.4367
22	837964.9	827946.7	10.4334	3750.	0.4233	9.4416	8730.	0.5428
23	838634.8	828252.8	78.7189	5954.	3.4740	77.8641	2902.	3.7464
24	838632.2	828307.0	56.4363	6194.	0.7345	56.4363	6193.	0.7348
25	837816.9	827663.5	141.8409	5757.	6.4228	140.8646	5758.	6.9767
26	837941.1	827779.5	72.5173	2911.	0.8948	72.5171	2910.	0.8963
27	837526.9	827379.0	401.3228	2112.	21.5428	401.3225	428.	21.5434
28	837541.4	827394.8	459.8675	215.	24.4539	459.8319	8620.	24.5022
29	837572.6	827417.8	667.9474	3982.	37.3846	667.9417	4855.	37.3922
30	837288.9	827055.5	106.6453	8346.	5.9150	106.6449	7459.	5.9196
31	837250.2	826951.9	135.4131	2380.	6.8583	135.4129	1412.	6.8593
32	837259.5	827018.2	53.7312	8154.	2.8494	53.7308	2803.	2.8520
33	837122.0	826758.6	22.1962	8630.	1.1692	22.0594	6518.	1.1619
34	836960.3	826607.6	54.7032	1057.	2.5267	54.7031	1056.	2.5269
35	837256.0	826635.9	146.2911	128.	6.8638	137.5438	8315.	7.2678
36	837002.9	826610.5	74.6126	2020.	0.8883	74.6118	2283.	0.8952
37	838451.0	828106.0	740.5020	5266.	36.3351	740.4940	5951.	36.3522
38	838402.0	827918.9	200.0165	935.	10.5382	200.0101	91.	10.5643
39	838436.8	827842.3	112.4140	6553.	6.1048	111.2168	1017.	6.0016
40	838073.1	827793.2	71.5468	5954.	3.5042	70.7842	245.	3.4773
41	838002.5	827663.7	105.2238	5954.	5.3311	102.0736	2902.	5.4657
42	837696.7	827389.9	615.0831	4775.	29.9846	614.3700	656.	29.5017
43	837684.5	827376.0	1107.8964	7135.	56.1442	1085.9623	623.	54.7585
44	837781.6	827402.0	233.4165	3107.	11.7650	232.0192	3033.	11.8190
45	838374.7	827824.1	117.6210	2136.	6.2684	115.5422	195.	5.7326
46	838007.6	828041.7	9.2566	3750.	0.3709	8.5093	1794.	0.3343
47	838124.5	828228.9	8.5379	1794.	0.3376	8.5377	1699.	0.3389
48	838230.0	828063.0	186.2563	6695.	9.3431	186.0351	7488.	9.0675
49	838020.0	827871.0	67.7947	2911.	0.7751	67.7946	2910.	0.7765
50	837117.0	826709.0	193.6384	245.	9.9418	192.8934	7400.	9.4242
51	837060.0	826644.0	149.3237	7400.	7.0133	148.3256	8237.	7.3576
52	838375.0	826598.0	18.0990	1467.	0.7441	17.1171	7752.	0.1756

TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	43	837684.5	827376.0	4968	497.1392	26.2336
2	37	838451.0	828106.0	7632	477.4207	23.1337
3	29	837572.6	827417.8	7584	395.7900	22.3396
4	37	838451.0	828106.0	5016	391.4350	19.6508
5	37	838451.0	828106.0	6120	384.0569	18.9706
6	43	837684.5	827376.0	7080	344.4684	18.0950
7	29	837572.6	827417.8	1584	344.3870	19.3582
8	43	837684.5	827376.0	7056	340.8098	17.4099
9	42	837696.7	827389.9	4968	335.9562	17.1914
10	37	838451.0	828106.0	7656	335.3638	15.5922
11	43	837684.5	827376.0	4944	335.0625	18.0441
12	37	838451.0	828106.0	7824	321.9942	14.8226
13	43	837684.5	827376.0	7032	319.9233	16.4529
14	29	837572.6	827417.8	6912	315.8043	17.9619
15	29	837572.6	827417.8	7608	310.9443	17.1876
16	37	838451.0	828106.0	6144	309.6525	14.6413
17	37	838451.0	828106.0	7056	307.7135	14.4587
18	43	837684.5	827376.0	432	307.4713	15.7719
19	37	838451.0	828106.0	5040	306.4857	15.3726
20	43	837684.5	827376.0	8352	305.5858	15.4982
21	29	837572.6	827417.8	4632	304.0047	17.1824
22	28	837541.4	827394.8	6912	296.3077	16.4036
23	43	837684.5	827376.0	7464	290.9243	14.6071
24	37	838451.0	828106.0	4992	288.6047	13.6278
25	28	837541.4	827394.8	7584	284.4970	15.6699
26	27	837526.9	827379.0	6912	279.4226	15.4027
27	29	837572.6	827417.8	7104	275.7696	16.0249
28	42	837696.7	827389.9	7056	274.5331	13.4867
29	29	837572.6	827417.8	4872	271.9909	15.3832
30	27	837526.9	827379.0	7584	271.6028	14.8716
31	37	838451.0	828106.0	2928	268.7318	15.2457
32	42	837696.7	827389.9	7080	262.0301	13.2469
33	29	837572.6	827417.8	4656	261.0094	15.1747
34	43	837684.5	827376.0	4992	259.6441	13.1483
35	37	838451.0	828106.0	4752	257.8036	13.7255
36	29	837572.6	827417.8	4848	251.7314	14.4899
37	43	837684.5	827376.0	7656	249.8487	11.9505
38	37	838451.0	828106.0	6024	248.7696	13.0723
39	27	837526.9	827379.0	2184	248.1870	14.1666
40	28	837541.4	827394.8	6936	247.0217	13.6537
41	28	837541.4	827394.8	1584	246.7244	13.9671
42	37	838451.0	828106.0	4464	243.4432	14.7647
43	28	837541.4	827394.8	6600	241.7027	13.6487
44	37	838451.0	828106.0	3768	240.5067	14.4290
45	27	837526.9	827379.0	4872	236.9552	13.0876
46	43	837684.5	827376.0	288	235.7562	11.6825
47	28	837541.4	827394.8	2184	233.3500	13.3323
48	27	837526.9	827379.0	1584	232.7292	13.1933
49	43	837684.5	827376.0	7176	232.4586	11.8561
50	42	837696.7	827389.9	4992	230.9072	11.4107

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HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	49.9959	840.	2.6169	43.4250	888.	2.3826
2	837244.9	826703.4	60.2047	840.	3.1769	56.3953	888.	3.0885
3	837260.9	826747.7	73.3872	888.	3.9991	72.6119	6552.	3.3954
4	837322.3	826789.9	44.7584	840.	2.3622	43.8775	6552.	2.0360
5	837287.6	826830.0	56.4027	840.	3.0202	49.9959	4800.	2.0550
6	837526.6	827106.9	67.6367	840.	3.6585	61.4902	6528.	2.8456
7	837566.2	827152.1	125.4251	6552.	6.2297	109.0799	8016.	5.2172
8	837584.7	827099.9	77.0334	6552.	3.7504	72.1262	8016.	3.3519
9	837636.5	827157.6	65.7864	2832.	2.3055	64.1689	6096.	2.2124
10	837682.1	827153.6	42.9294	600.	2.3835	38.3800	6552.	1.8419
11	837645.6	827255.1	159.7678	8016.	7.7901	158.5229	7080.	9.4698
12	837702.2	827318.7	119.3435	4968.	5.2878	115.6887	4944.	5.6723
13	837707.3	827196.1	67.7646	8568.	3.2140	65.8974	432.	3.3915
14	837771.4	827137.9	57.8452	8352.	2.6217	40.9439	8328.	1.6169
15	837815.5	827496.7	109.5112	6096.	4.3532	104.4286	2832.	4.0474
16	837914.3	827644.4	50.2650	4992.	1.5820	45.8461	5880.	2.4627
17	837974.7	827492.1	18.3119	4968.	0.6808	17.4056	4392.	0.9319
18	837985.3	827548.0	24.8352	4968.	0.8530	20.2882	5880.	1.0391
19	838033.3	827568.8	16.7804	5880.	0.8484	16.5240	4992.	0.3609
20	838165.7	827852.1	27.2977	528.	1.6037	23.7742	8256.	1.2245
21	838286.8	827897.4	73.3749	4800.	3.5526	68.3211	8256.	3.6395
22	837964.9	827946.7	6.0293	3768.	0.2886	5.1604	3744.	0.2116
23	838634.8	828252.8	28.9932	4992.	0.6048	22.4411	5208.	1.1670
24	838632.2	828307.0	25.0055	7656.	0.4742	23.9304	7824.	0.4180
25	837816.9	827663.5	80.6796	5016.	2.4025	78.8453	7632.	2.0743
26	837941.1	827779.5	40.7696	7632.	0.8849	31.9944	7656.	0.5985
27	837526.9	827379.0	279.4226	6912.	15.4027	271.6028	7584.	14.8716
28	837541.4	827394.8	296.3077	6912.	16.4036	284.4970	7584.	15.6699
29	837572.6	827417.8	395.7900	7584.	22.3396	344.3870	1584.	19.3582

30	837288.9	827055.5	101.9453	2184.	5.5915	63.1970	8520.	3.2792
31	837250.2	826951.9	60.5216	528.	3.5207	50.6945	6384.	3.0936
32	837259.5	827018.2	45.3049	2184.	2.3628	30.4643	2208.	1.6759
33	837122.0	826758.6	8.2237	7320.	0.4495	7.5916	6360.	0.4625
34	836960.3	826607.6	24.1783	528.	1.3526	20.6705	8256.	0.9052
35	837256.0	826635.9	79.0587	6552.	3.8873	70.9517	8016.	3.4358
36	837002.9	826610.5	32.8725	8256.	1.5191	30.4619	528.	1.7411
37	838451.0	828106.0	477.4207	7632.	23.1337	391.4350	5016.	19.6508
38	838402.0	827918.9	135.6557	8016.	7.0929	133.5298	6552.	7.2453
39	838436.8	827842.3	60.2588	8016.	2.9779	57.1708	6552.	3.0252
40	838073.1	827793.2	23.9252	4992.	0.5031	23.5960	7656.	0.4207
41	838002.5	827663.7	32.3068	4992.	0.7017	27.3488	5880.	1.4271
42	837696.7	827389.9	335.9562	4968.	17.1914	274.5331	7056.	13.4867
43	837684.5	827376.0	497.1392	4968.	26.2336	344.4684	7080.	18.0950
44	837781.6	827402.0	57.6241	7056.	2.4681	56.5095	4968.	2.6679
45	838374.7	827824.1	64.7032	6552.	3.3194	60.5489	8016.	3.0039
46	838007.6	828041.7	5.2896	3768.	0.2533	4.7817	2184.	0.2085
47	838124.5	828228.9	4.4716	3792.	0.3868	4.2618	5160.	0.3396
48	838230.0	828063.0	104.2196	2184.	5.8535	104.1879	6912.	4.6642
49	838020.0	827871.0	33.3443	7632.	0.6884	30.0276	6792.	0.6458
50	837117.0	826709.0	86.3477	8256.	4.5304	71.5068	7320.	3.5772
51	837060.0	826644.0	56.0573	8256.	2.7874	46.8459	7320.	2.1285
52	838375.0	826598.0	5.0891	8352.	0.0769	4.6555	3528.	0.0579

DATE AT END OF RUN: 06/17/98 TIME AT END OF RUN: 20:56:50.34
 ELAPSED TIME FOR THIS RUN: 0.58633E+03 SECONDS
 OR 0 HOURS 9 MINUTES 46.33 SECONDS

2	0.00000000	0.00000	0.000	838175.	827917.	838090.	827854.	7.50	17.00
2	0.00000000	0.00000	0.000	838090.	827854.	838021.	827790.	7.50	17.00
2	0.00000000	0.00000	0.000	838021.	827790.	837941.	827714.	7.50	17.00
2	0.00000000	0.00000	0.000	837941.	827714.	837881.	827654.	7.50	17.00
2	0.00000000	0.00000	0.000	837881.	827654.	837830.	827603.	7.50	17.00
2	0.00000000	0.00000	0.000	837830.	827603.	837764.	827536.	7.50	17.00
2	0.00440000	0.60709	0.000	837764.	827536.	837680.	827426.	7.50	17.00
2	0.00000000	0.00000	0.000	837680.	827426.	837615.	827331.	7.50	17.00
2	0.00000000	0.00000	0.000	837615.	827331.	837548.	827239.	7.50	17.00
2	0.00000000	0.00000	0.000	837548.	827239.	837480.	827145.	7.50	17.00
2	0.00440000	0.43529	0.000	837480.	827145.	837422.	827065.	7.50	17.00
2	0.00000000	0.00000	0.000	837422.	827065.	837362.	826983.	7.50	17.00
2	0.00000000	0.00000	0.000	837362.	826983.	837296.	826894.	7.50	17.00
2	0.00000000	0.00000	0.000	837296.	826894.	837243.	826805.	7.50	17.00
2	0.00440000	0.45560	0.000	837243.	826805.	837210.	826706.	7.50	17.00
2	0.00000000	0.00000	0.000	837210.	826706.	837225.	826608.	7.50	17.00
2	0.00340000	0.26678	0.000	837531.	827274.	837592.	827224.	13.50	8.00
2	0.00340000	0.02209	0.000	837561.	827309.	837566.	827314.	13.50	8.00
2	0.00275000	0.29736	0.000	837566.	827314.	837630.	827401.	7.50	6.00
2	0.00275000	0.09858	0.000	837630.	827401.	837660.	827382.	7.50	6.00
2	0.00275000	0.28274	0.000	837660.	827382.	837606.	827295.	7.50	6.00

TOTAL EMISSIONS 0.26332E+01 GRAMS/SEC

SHORT DISTANCE (5.000 M) MASS CONSERVATION CORRECTION FACTORS USED

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.26331E+01 GRAMS/SEC

(837231., 826661., 13.178)	(837245., 826703., 11.759)	(837261., 826748., 9.691)
(837322., 826790., 8.395)	(837288., 826830., 14.166)	(837527., 827107., 19.930)
(837566., 827152., 29.785)	(837585., 827100., 18.047)	(837637., 827158., 19.003)
(837682., 827154., 13.846)	(837646., 827255., 56.227)	(837702., 827319., 42.717)
(837707., 827196., 22.628)	(837771., 827138., 12.095)	(837816., 827497., 27.344)
(837914., 827644., 12.545)	(837975., 827492., 3.839)	(837985., 827548., 3.886)
(838033., 827569., 2.939)	(838166., 827852., 3.124)	(838287., 827897., 1.966)
(837965., 827947., 0.835)	(838635., 828253., 0.944)	(838632., 828307., 0.990)
(837817., 827664., 18.382)	(837941., 827780., 8.130)	(837527., 827379., 82.882)
(837541., 827395., 84.055)	(837573., 827418., 91.924)	(837289., 827056., 18.730)
(837250., 826952., 13.619)	(837260., 827018., 8.468)	(837122., 826759., 1.924)
(836960., 826608., 5.475)	(837256., 826636., 26.006)	(837003., 826611., 7.901)
(838451., 828106., 1.475)	(838402., 827919., 1.370)	(838437., 827842., 1.012)
(838073., 827793., 4.937)	(838003., 827664., 5.863)	(837697., 827390., 115.980)
(837685., 827376., 114.595)	(837782., 827402., 38.519)	(838375., 827824., 1.229)
(838008., 828042., 0.809)	(838125., 828229., 0.761)	(838230., 828063., 2.812)
(838020., 827871., 6.041)	(837117., 826709., 32.507)	(837060., 826644., 14.660)
(838375., 826598., 1.029)	{	{

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC

(837231., 826661.,)	(837245., 826703.,)	(837261., 826748.,)
(837322., 826790.,)	(837288., 826830.,)	(837527., 827107.,)
(837566., 827152.,)	(837585., 827100.,)	(837637., 827158.,)
(837682., 827154.,)	(837646., 827255.,)	(837702., 827319.,)
(837707., 827196.,)	(837771., 827138.,)	(837816., 827497.,)
(837914., 827644.,)	(837975., 827492.,)	(837985., 827548.,)
(838033., 827569.,)	(838166., 827852.,)	(838287., 827897.,)
(837965., 827947.,)	(838635., 828253.,)	(838632., 828307.,)
(837817., 827664.,)	(837941., 827780.,)	(837527., 827379.,)
(837541., 827395.,)	(837573., 827418.,)	(837289., 827056.,)
(837250., 826952.,)	(837260., 827018.,)	(837122., 826759.,)
(836960., 826608.,)	(837256., 826636.,)	(837003., 826611.,)
(838451., 828106.,)	(838402., 827919.,)	(838437., 827842.,)
(838073., 827793.,)	(838003., 827664.,)	(837697., 827390.,)
(837685., 827376.,)	(837782., 827402.,)	(838375., 827824.,)
(838008., 828042.,)	(838125., 828229.,)	(838230., 828063.,)
(838020., 827871.,)	(837117., 826709.,)	(837060., 826644.,)
(838375., 826598.,)	{	{

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

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TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	43	837684.5	827376.0	7135	1107.8964	56.1442
2	43	837684.5	827376.0	623	1085.9623	54.7585
3	43	837684.5	827376.0	622	1085.9556	54.7708
4	43	837684.5	827376.0	1207	1085.9525	54.7760
5	43	837684.5	827376.0	1228	1085.9525	54.7760
6	43	837684.5	827376.0	621	1085.9420	54.7950
7	43	837684.5	827376.0	1227	1085.9409	54.7967
8	43	837684.5	827376.0	413	1085.9265	54.8222
9	43	837684.5	827376.0	411	1085.9246	54.8256
10	43	837684.5	827376.0	414	1085.9246	54.8256
11	43	837684.5	827376.0	409	1085.9218	54.8307
12	43	837684.5	827376.0	412	1085.9218	54.8307
13	43	837684.5	827376.0	410	1085.9197	54.8340
14	43	837684.5	827376.0	95	1085.9102	54.8507
15	43	837684.5	827376.0	22	1085.8997	54.8688
16	43	837684.5	827376.0	8691	1085.8967	54.8737

17	43	837684.5	827376.0	7464	1085.8958	54.8753
18	43	837684.5	827376.0	21	1085.8931	54.8802
19	43	837684.5	827376.0	1373	1085.8931	54.8802
20	43	837684.5	827376.0	8475	1085.8892	54.8866
21	43	837684.5	827376.0	7463	1085.8872	54.8898
22	43	837684.5	827376.0	8474	1085.8872	54.8898
23	43	837684.5	827376.0	7344	1085.8843	54.8946
24	43	837684.5	827376.0	8692	1085.8834	54.8962
25	43	837684.5	827376.0	7343	1085.8823	54.8978
26	43	837684.5	827376.0	8473	1085.8805	54.9010
27	43	837684.5	827376.0	2016	1085.8767	54.9074
28	43	837684.5	827376.0	7342	1085.8728	54.9136
29	43	837684.5	827376.0	1612	1085.8717	54.9152
30	43	837684.5	827376.0	1782	1085.8717	54.9152
31	43	837684.5	827376.0	7345	1085.8710	54.9168
32	43	837684.5	827376.0	7346	1085.8671	54.9230
33	43	837684.5	827376.0	7347	1085.8662	54.9246
34	43	837684.5	827376.0	7348	1085.8623	54.9308
35	43	837684.5	827376.0	1731	1085.8585	54.9370
36	43	837684.5	827376.0	7159	1085.8501	54.9507
37	43	837684.5	827376.0	7160	1085.8491	54.9522
38	43	837684.5	827376.0	7158	1085.8480	54.9537
39	43	837684.5	827376.0	2238	1085.8472	54.9552
40	43	837684.5	827376.0	7157	1085.8462	54.9567
41	43	837684.5	827376.0	7655	1085.8424	54.9627
42	43	837684.5	827376.0	7156	1085.8416	54.9642
43	43	837684.5	827376.0	7654	1085.8406	54.9657
44	43	837684.5	827376.0	7134	1085.8329	54.9776
45	43	837684.5	827376.0	6935	1085.8207	54.9965
46	43	837684.5	827376.0	6244	1085.8187	54.9993
47	43	837684.5	827376.0	4898	1085.8048	55.0206
48	43	837684.5	827376.0	1779	1084.2719	55.1952
49	43	837684.5	827376.0	1206	1050.2689	55.6622
50	43	837684.5	827376.0	6264	1050.1694	55.9283

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HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	123.6625	6545.	6.6702	123.0705	324.	6.5385
2	837244.9	826703.4	120.0771	3977.	6.7860	120.0766	7817.	6.7956
3	837260.9	826747.7	107.1921	4936.	6.2821	104.8287	4934.	5.8850
4	837322.3	826789.9	93.5922	3035.	5.1012	91.2056	2371.	4.9638
5	837287.6	826830.0	117.8728	3732.	6.2969	117.8728	3733.	6.2969
6	837526.6	827106.9	167.3197	4916.	8.4587	167.2203	822.	8.3665
7	837566.2	827152.1	213.6378	8315.	10.8495	213.6375	884.	10.8511
8	837584.7	827099.9	135.6470	1038.	6.8279	135.6466	874.	6.8300
9	837636.5	827157.6	174.5242	1466.	9.1723	173.2567	8257.	7.1194
10	837682.1	827153.6	119.1522	1467.	6.1708	118.3490	8216.	5.6111
11	837645.6	827255.1	424.8908	656.	26.1103	424.8907	657.	26.1106
12	837702.2	827318.7	230.4413	7437.	11.4484	230.4375	716.	11.4641
13	837707.3	827196.1	232.1533	1779.	12.8288	230.5989	7135.	12.2321
14	837771.4	827137.9	109.5431	1090.	5.7141	109.5425	668.	5.7172
15	837815.5	827496.7	291.4315	3487.	10.7339	291.4300	3486.	10.7368
16	837914.3	827644.4	307.3687	5954.	16.3235	291.2051	2902.	16.1091
17	837974.7	827492.1	129.9361	2097.	6.7709	129.9344	2108.	6.7789
18	837985.3	827548.0	143.2094	3034.	7.4513	143.2090	2874.	7.4527
19	838033.3	827568.8	121.6695	3034.	6.2756	121.6692	2874.	6.2769
20	838165.7	827852.1	88.8763	5954.	4.0056	88.7346	2902.	4.3654
21	838286.8	827897.4	63.0527	2902.	2.9434	63.0520	2926.	2.9483
22	837964.9	827946.7	14.4678	3750.	0.5917	14.2321	8730.	0.8188
23	838634.8	828252.8	28.8088	8690.	0.2939	28.8087	2261.	0.2948
24	838632.2	828307.0	24.4249	8690.	0.2491	24.4248	2261.	0.2499
25	837816.9	827663.5	265.4065	5757.	12.1735	263.0710	1484.	13.3761
26	837941.1	827779.5	122.9529	6130.	6.1487	120.5777	2335.	5.9958
27	837526.9	827379.0	404.0581	2112.	21.6697	404.0578	428.	21.6703
28	837541.4	827394.8	460.0632	215.	24.4629	460.0276	8620.	24.5112
29	837572.6	827417.8	667.9635	3982.	37.3854	667.9578	4855.	37.3931
30	837288.9	827055.5	122.2486	393.	6.1249	122.2333	517.	6.1987
31	837250.2	826951.9	117.7204	1057.	5.8601	117.7203	1056.	5.8605
32	837259.5	827018.2	68.8696	1057.	3.1101	68.8695	1056.	3.1104
33	837122.0	826758.6	18.0419	3055.	0.7934	17.9719	1040.	0.7745
34	836960.3	826607.6	52.9919	1057.	2.4603	52.9918	1056.	2.4605
35	837256.0	826635.9	263.5925	8212.	12.9581	263.5628	4014.	13.0319
36	837002.9	826610.5	81.1829	1057.	4.0180	81.1828	1056.	4.0183
37	838451.0	828106.0	41.5640	2902.	1.8087	41.5635	2926.	1.8122
38	838402.0	827918.9	43.6138	2902.	2.0043	43.6134	2926.	2.0077
39	838436.8	827842.3	47.1493	269.	0.4599	47.1492	270.	0.4609
40	838073.1	827793.2	138.5108	5954.	6.8984	135.5867	2902.	7.1776
41	838002.5	827663.7	169.3762	5954.	8.7239	163.5023	2902.	8.8620
42	837696.7	827389.9	615.0831	4775.	29.9846	614.3700	656.	29.5017
43	837684.5	827376.0	1107.8964	7135.	56.1442	1085.9623	623.	54.7585
44	837781.6	827402.0	235.1707	3034.	12.8512	235.1703	2874.	12.8533
45	838374.7	827824.1	52.2121	267.	0.5132	52.2113	1543.	0.5291
46	838007.6	828041.7	12.7757	3750.	0.5143	12.5539	8730.	0.7229
47	838124.5	828228.9	12.5120	1794.	0.5105	12.5118	1699.	0.5123
48	838230.0	828063.0	62.6595	28.	0.6363	62.6594	1590.	0.6381
49	838020.0	827871.0	109.1540	2911.	1.2708	109.1538	2910.	1.2731
50	837117.0	826709.0	209.5570	6777.	10.9295	208.5585	620.	10.8125
51	837060.0	826644.0	135.6344	1057.	7.1149	135.6343	1056.	7.1153
52	838375.0	826598.0	22.0215	3487.	0.2264	22.0215	3486.	0.2268

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TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	43	837684.5	827376.0	4968	499.2302	26.3256
2	43	837684.5	827376.0	432	445.4379	22.8126
3	29	837572.6	827417.8	7584	398.5613	22.5077
4	42	837696.7	827389.9	6552	367.0841	19.9512
5	43	837684.5	827376.0	7080	361.5576	19.1262
6	42	837696.7	827389.9	8016	360.6966	19.3133
7	43	837684.5	827376.0	7056	357.4841	18.3459
8	29	837572.6	827417.8	1584	355.1609	20.0307
9	43	837684.5	827376.0	7032	343.9720	17.9113
10	29	837572.6	827417.8	4872	339.2498	19.0947
11	43	837684.5	827376.0	4944	337.9231	18.1818
12	42	837696.7	827389.9	4968	337.7516	17.2689
13	43	837684.5	827376.0	7464	336.8762	17.2074
14	43	837684.5	827376.0	8352	331.4306	16.9583
15	29	837572.6	827417.8	6912	329.2737	18.7931
16	42	837696.7	827389.9	336	316.6205	17.1064
17	29	837572.6	827417.8	7608	313.9068	17.4704
18	29	837572.6	827417.8	4632	309.0165	17.5216
19	28	837541.4	827394.8	6912	301.9788	16.7713
20	43	837684.5	827376.0	8424	294.9867	14.1048
21	29	837572.6	827417.8	7104	294.9622	17.1856
22	43	837684.5	827376.0	7344	292.7470	15.5253
23	43	837684.5	827376.0	4992	292.6031	14.9233
24	43	837684.5	827376.0	7176	292.4103	15.5155
25	42	837696.7	827389.9	7056	291.4358	14.4557
26	43	837684.5	827376.0	288	286.9950	14.4614
27	28	837541.4	827394.8	7584	286.4719	15.7888
28	42	837696.7	827389.9	6528	285.4559	15.1218
29	27	837526.9	827379.0	6912	283.3719	15.6647
30	42	837696.7	827389.9	6144	282.0840	13.7054
31	42	837696.7	827389.9	7080	281.8004	14.4396
32	43	837684.5	827376.0	7824	276.7275	12.6851
33	42	837696.7	827389.9	7992	274.9215	14.4179
34	27	837526.9	827379.0	7584	273.4413	14.9816
35	43	837684.5	827376.0	5472	273.0545	13.8640
36	43	837684.5	827376.0	6144	269.4729	13.0354
37	29	837572.6	827417.8	4656	267.6663	15.5873
38	27	837526.9	827379.0	8520	266.5424	15.1244
39	43	837684.5	827376.0	6552	266.3893	14.3205
40	42	837696.7	827389.9	3456	266.0520	14.2597
41	27	837526.9	827379.0	2184	265.1749	15.1275
42	43	837684.5	827376.0	1728	265.0697	13.5804
43	42	837696.7	827389.9	96	265.0184	13.4897
44	42	837696.7	827389.9	4992	263.4727	13.1758
45	29	837572.6	827417.8	4848	263.0640	15.2590
46	42	837696.7	827389.9	7824	262.0571	11.9314
47	28	837541.4	827394.8	8520	261.7833	14.8604
48	42	837696.7	827389.9	288	261.6636	12.8350
49	27	837526.9	827379.0	4872	261.5974	14.4502
50	28	837541.4	827394.8	2184	260.7932	14.8865

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HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	70.1569	6552.	3.2684	67.5419	888.	3.6707
2	837244.9	826703.4	53.0074	6552.	2.4702	50.3946	888.	2.7408
3	837260.9	826747.7	35.1659	4800.	1.3504	31.8070	3744.	1.3183
4	837322.3	826789.9	37.6191	4800.	1.5141	30.6966	840.	1.5754
5	837287.6	826830.0	82.8014	3744.	3.9959	80.4317	3768.	4.5916
6	837526.6	827106.9	80.0146	840.	4.3010	71.1189	6528.	3.1976
7	837566.2	827152.1	135.6339	6552.	6.6880	115.8650	8016.	5.5398
8	837584.7	827099.9	88.3285	6552.	4.2260	80.1686	8016.	3.7160
9	837636.5	827157.6	79.3096	6552.	3.7359	73.2131	888.	4.0445
10	837682.1	827153.6	59.3790	6552.	2.7610	54.4164	888.	2.9946
11	837645.6	827255.1	203.1804	6552.	10.4405	192.6341	8016.	9.4321
12	837702.2	827318.7	130.9270	6552.	6.6629	124.1298	8352.	4.9641
13	837707.3	827196.1	89.8158	432.	4.1227	86.5457	6552.	4.3097
14	837771.4	827137.9	59.0929	8352.	2.6959	49.6231	8328.	1.9324
15	837815.5	827496.7	136.5217	4968.	5.9245	134.3077	4944.	6.5227
16	837914.3	827644.4	108.2934	4992.	3.5387	84.1189	5208.	4.7065
17	837974.7	827492.1	47.0853	4968.	1.6669	38.1281	4944.	1.7157
18	837985.3	827548.0	33.7768	4968.	1.2607	31.6244	7080.	1.1260
19	838033.3	827568.8	20.8079	5880.	1.0785	20.4075	4392.	1.0820
20	838165.7	827852.1	30.1453	4992.	0.5073	23.1286	5208.	1.1598
21	838286.8	827897.4	22.4729	4992.	0.3405	16.5464	5808.	0.4177
22	837964.9	827946.7	8.6960	3768.	0.4155	7.4798	3744.	0.3093
23	838634.8	828252.8	11.2317	4992.	0.1545	8.2082	5808.	0.1934
24	838632.2	828307.0	9.7908	4992.	0.1403	7.4437	5208.	0.3323
25	837816.9	827663.5	154.9740	5016.	4.9356	142.2652	7632.	4.0695
26	837941.1	827779.5	67.4041	7632.	1.4906	53.7561	5016.	1.4187
27	837526.9	827379.0	283.3719	6912.	15.6647	273.4413	7584.	14.9816
28	837541.4	827394.8	301.9788	6912.	16.7713	286.4719	7584.	15.7888
29	837572.6	827417.8	398.5613	7584.	22.5077	355.1609	1584.	20.0307

30	837288.9	827055.5	62.5881	528.	3.6536	55.9761	6384.	3.3830
31	837250.2	826951.9	52.1673	4800.	2.2713	50.9654	528.	2.9422
32	837259.5	827018.2	35.8719	528.	2.0006	28.3643	1944.	1.4287
33	837122.0	826758.6	7.5006	528.	0.3783	7.4389	6360.	0.4538
34	836960.3	826607.6	27.5605	528.	1.5509	21.6868	1944.	1.1105
35	837256.0	826635.9	128.5900	7992.	6.1137	125.7055	8016.	6.4015
36	837002.9	826610.5	38.6710	528.	2.2267	31.3727	1944.	1.6693
37	838451.0	828106.0	16.3139	4992.	0.2377	12.1275	5808.	0.3065
38	838402.0	827918.9	15.8767	4992.	0.2316	11.4812	5808.	0.2721
39	838436.8	827842.3	9.7960	288.	0.0959	9.7775	1560.	0.0990
40	838073.1	827793.2	41.9658	4992.	0.8226	35.5969	5208.	1.8391
41	838002.5	827663.7	50.8158	4992.	1.1729	45.7924	5880.	2.4019
42	837696.7	827389.9	367.0841	6552.	19.9512	360.6966	8016.	19.3133
43	837684.5	827376.0	499.2302	4968.	26.3256	445.4379	432.	22.8126
44	837781.6	827402.0	133.6914	8328.	6.3630	126.5264	8568.	6.6395
45	838374.7	827824.1	11.4939	5880.	0.5269	10.9761	4992.	0.1728
46	838007.6	828041.7	7.6145	3768.	0.3636	6.5067	3744.	0.2633
47	838124.5	828228.9	6.2899	3792.	0.5426	6.1186	5160.	0.4870
48	838230.0	828063.0	27.3636	7656.	0.3827	26.7686	7824.	0.3540
49	838020.0	827871.0	52.1970	7632.	1.0386	46.7432	7656.	0.7863
50	837117.0	826709.0	97.0452	3888.	4.7334	95.2837	7800.	4.4114
51	837060.0	826644.0	63.0849	528.	3.7267	52.2169	1944.	2.8849
52	838375.0	826598.0	7.8517	2832.	0.0840	7.8502	6096.	0.0856

DATE AT END OF RUN: 06/18/98 TIME AT END OF RUN: 09:08:38.77
ELAPSED TIME FOR THIS RUN: 0.59562E+03 SECONDS
OR 0 HOURS 9 MINUTES 55.62 SECONDS

2	0.000000000	0.00000	0.000	838175.	827917.	838090.	827854.	7.50	17.00
2	0.000000000	0.00000	0.000	838090.	827854.	838021.	827790.	7.50	17.00
2	0.004400000	0.48709	0.000	838021.	827790.	837941.	827714.	7.50	17.00
2	0.000000000	0.00000	0.000	837941.	827714.	837881.	827654.	7.50	17.00
2	0.000000000	0.00000	0.000	837881.	827654.	837830.	827603.	7.50	17.00
2	0.000000000	0.00000	0.000	837830.	827603.	837764.	827536.	7.50	17.00
2	0.000000000	0.00000	0.000	837764.	827536.	837680.	827426.	7.50	17.00
2	0.004400000	0.50708	0.000	837680.	827426.	837615.	827331.	7.50	17.00
2	0.000000000	0.00000	0.000	837615.	827331.	837548.	827239.	7.50	17.00
2	0.000000000	0.00000	0.000	837548.	827239.	837480.	827145.	7.50	17.00
2	0.000000000	0.00000	0.000	837480.	827145.	837422.	827065.	7.50	17.00
2	0.000000000	0.00000	0.000	837422.	827065.	837362.	826983.	7.50	17.00
2	0.000000000	0.00000	0.000	837362.	826983.	837296.	826894.	7.50	17.00
2	0.000000000	0.00000	0.000	837296.	826894.	837243.	826805.	7.50	17.00
2	0.000000000	0.00000	0.000	837243.	826805.	837210.	826706.	7.50	17.00
2	0.000000000	0.00000	0.000	837210.	826706.	837225.	826608.	7.50	17.00
2	0.000000000	0.00000	0.000	837531.	827274.	837592.	827224.	13.50	8.00
2	0.003400000	0.26678	0.000	837531.	827274.	837592.	827224.	13.50	8.00
2	0.003400000	0.02209	0.000	837561.	827309.	837565.	827314.	7.50	6.00
2	0.002750000	0.29736	0.000	837566.	827314.	837630.	827401.	7.50	6.00
2	0.002750000	0.09858	0.000	837630.	827401.	837660.	827382.	7.50	6.00
2	0.002750000	0.28274	0.000	837660.	827382.	837606.	827295.	7.50	6.00

TOTAL EMISSIONS 0.24905E+01 GRAMS/SEC

SHORT DISTANCE (5,000 M) MASS CONSERVATION CORRECTION FACTORS USED

1

8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.24903E+01 GRAMS/SEC

(837231., 826661., 2.817)	(837245., 826703., 3.114)	(837261., 826748., 3.480)
(837322., 826790., 4.097)	(837288., 826830., 4.348)	(837527., 827107., 18.904)
(837566., 827152., 29.661)	(837585., 827100., 18.040)	(837637., 827158., 20.060)
(837682., 827154., 14.588)	(837646., 827255., 66.757)	(837702., 827319., 42.957)
(837707., 827196., 24.492)	(837771., 827138., 12.254)	(837816., 827497., 25.804)
(837914., 827644., 39.014)	(837975., 827492., 9.392)	(837985., 827548., 13.205)
(838033., 827569., 11.839)	(838166., 827852., 12.525)	(838287., 827897., 25.636)
(837965., 827947., 0.980)	(838635., 828253., 1.949)	(838632., 828307., 2.166)
(837817., 827664., 22.866)	(837941., 827780., 34.129)	(837527., 827379., 98.794)
(837541., 827395., 98.274)	(837573., 827418., 98.901)	(837289., 827056., 8.368)
(837250., 826952., 6.029)	(837260., 827018., 4.953)	(837122., 826759., 1.241)
(836960., 826608., 1.967)	(837256., 826636., 3.320)	(837003., 826611., 2.297)
(838451., 828106., 7.096)	(838402., 827919., 10.733)	(838437., 827842., 5.346)
(838073., 827793., 17.551)	(838003., 827664., 42.988)	(837697., 827390., 99.420)
(837685., 827376., 149.094)	(837782., 827402., 20.542)	(838375., 827824., 9.039)
(838008., 828042., 1.051)	(838125., 828229., 0.930)	(838230., 828063., 14.957)
(838020., 827871., 24.781)	(837117., 826709., 3.343)	(837060., 826644., 2.782)
(838375., 826598., 1.248)	((

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC

(837231., 826661., *****)	(837245., 826703., *****)	(837261., 826748., *****)
(837322., 826790., *****)	(837288., 826830., *****)	(837527., 827107., *****)
(837566., 827152., *****)	(837585., 827100., *****)	(837637., 827158., *****)
(837682., 827154., *****)	(837646., 827255., *****)	(837702., 827319., *****)
(837707., 827196., *****)	(837771., 827138., *****)	(837816., 827497., *****)
(837914., 827644., *****)	(837975., 827492., *****)	(837985., 827548., *****)
(838033., 827569., *****)	(838166., 827852., *****)	(838287., 827897., *****)
(837965., 827947., *****)	(838635., 828253., *****)	(838632., 828307., *****)
(837817., 827664., *****)	(837941., 827780., *****)	(837527., 827379., *****)
(837541., 827395., *****)	(837573., 827418., *****)	(837289., 827056., *****)
(837250., 826952., *****)	(837260., 827018., *****)	(837122., 826759., *****)
(836960., 826608., *****)	(837256., 826636., *****)	(837003., 826611., *****)
(838451., 828106., *****)	(838402., 827919., *****)	(838437., 827842., *****)
(838073., 827793., *****)	(838003., 827664., *****)	(837697., 827390., *****)
(837685., 827376., *****)	(837782., 827402., *****)	(838375., 827824., *****)
(838008., 828042., *****)	(838125., 828229., *****)	(838230., 828063., *****)
(838020., 827871., *****)	(837117., 826709., *****)	(837060., 826644., *****)
(838375., 826598., *****)	((

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

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TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	43	837684.5	827376.0	7135	1753.6539	89.4515
2	43	837684.5	827376.0	623	1727.1804	87.7216
3	43	837684.5	827376.0	622	1727.1699	87.7406
4	43	837684.5	827376.0	1207	1727.1654	87.7488
5	43	837684.5	827376.0	1228	1727.1654	87.7488
6	43	837684.5	827376.0	621	1727.1490	87.7785
7	43	837684.5	827376.0	1227	1727.1476	87.7811
8	43	837684.5	827376.0	413	1727.1252	87.8210
9	43	837684.5	827376.0	411	1727.1222	87.8263
10	43	837684.5	827376.0	414	1727.1222	87.8263
11	43	837684.5	827376.0	409	1727.1178	87.8342
12	43	837684.5	827376.0	412	1727.1178	87.8342
13	43	837684.5	827376.0	410	1727.1147	87.8394
14	43	837684.5	827376.0	95	1727.1000	87.8654
15	43	837684.5	827376.0	22	1727.0836	87.8937
16	43	837684.5	827376.0	8691	1727.0792	87.9013

17	43	837684.5	827376.0	7464	1727.0776	87.9039
18	43	837684.5	827376.0	21	1727.0732	87.9115
19	43	837684.5	827376.0	1373	1727.0732	87.9115
20	43	837684.5	827376.0	8475	1727.0675	87.9215
21	43	837684.5	827376.0	7463	1727.0643	87.9266
22	43	837684.5	827376.0	8474	1727.0643	87.9266
23	43	837684.5	827376.0	7344	1727.0598	87.9341
24	43	837684.5	827376.0	8692	1727.0586	87.9366
25	43	837684.5	827376.0	7343	1727.0570	87.9391
26	43	837684.5	827376.0	8473	1727.0542	87.9440
27	43	837684.5	827376.0	2016	1727.0482	87.9539
28	43	837684.5	827376.0	7342	1727.0422	87.9638
29	43	837684.5	827376.0	1612	1727.0405	87.9662
30	43	837684.5	827376.0	1782	1727.0405	87.9662
31	43	837684.5	827376.0	7345	1727.0393	87.9687
32	43	837684.5	827376.0	7346	1727.0334	87.9784
33	43	837684.5	827376.0	7347	1727.0319	87.9809
34	43	837684.5	827376.0	7348	1727.0259	87.9905
35	43	837684.5	827376.0	1731	1727.0200	88.0002
36	43	837684.5	827376.0	7159	1727.0071	88.0216
37	43	837684.5	827376.0	7160	1727.0055	88.0240
38	43	837684.5	827376.0	7158	1727.0039	88.0263
39	43	837684.5	827376.0	2238	1727.0027	88.0287
40	43	837684.5	827376.0	7157	1727.0011	88.0311
41	43	837684.5	827376.0	7655	1726.9951	88.0404
42	43	837684.5	827376.0	7156	1726.9937	88.0427
43	43	837684.5	827376.0	7654	1726.9923	88.0451
44	43	837684.5	827376.0	7134	1726.9805	88.0636
45	43	837684.5	827376.0	6935	1726.9617	88.0931
46	43	837684.5	827376.0	6244	1726.9586	88.0976
47	43	837684.5	827376.0	4898	1726.9370	88.1307
48	43	837684.5	827376.0	1779	1723.7107	88.3458
49	43	837684.5	827376.0	1206	1663.3010	88.5677
50	43	837684.5	827376.0	6264	1663.1490	88.9833

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HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	43.1079	632.	0.4315	43.1077	625.	0.4333
2	837244.9	826703.4	46.5623	118.	1.9349	46.5436	7247.	1.9054
3	837260.9	826747.7	50.2128	118.	2.1298	50.1997	7247.	2.0995
4	837322.3	826789.9	56.9277	118.	2.4515	56.9252	7247.	2.4189
5	837287.6	826830.0	57.4257	80.	0.6278	54.2401	7247.	2.3469
6	837526.6	827106.9	188.6222	4916.	9.5060	188.3294	822.	9.3928
7	837566.2	827152.1	240.9587	8315.	12.1748	240.9584	884.	12.1767
8	837584.7	827099.9	157.9238	8315.	7.8079	157.9235	884.	7.8092
9	837636.5	827157.6	174.5242	1466.	9.1723	173.2567	8257.	7.1194
10	837682.1	827153.6	132.6408	6553.	6.4812	130.9470	1017.	6.3402
11	837645.6	827255.1	440.5202	935.	21.6830	440.5034	91.	21.7510
12	837702.2	827318.7	409.1184	597.	21.6680	409.0788	8372.	21.9149
13	837707.3	827196.1	245.4318	8143.	13.0011	245.4290	6555.	13.0154
14	837771.4	827137.9	161.8179	1090.	8.4434	161.8170	668.	8.4479
15	837815.5	827496.7	284.9236	3487.	10.4933	284.9221	3486.	10.4962
16	837914.3	827644.4	419.9398	8233.	20.5772	419.8980	2495.	20.6804
17	837974.7	827492.1	122.0199	3034.	6.3126	122.0196	2874.	6.3138
18	837985.3	827548.0	109.2090	3927.	5.6126	109.2080	3062.	5.6170
19	838033.3	827568.8	103.9505	8298.	5.4792	103.9448	6678.	5.5095
20	838165.7	827852.1	140.5370	3927.	7.3257	140.5358	3062.	7.3312
21	838286.8	827897.4	181.8177	6249.	9.0535	181.4642	1083.	8.9600
22	837964.9	827946.7	11.5170	2369.	0.5907	11.5169	4743.	0.5923
23	838634.8	828252.8	62.1365	2902.	2.8191	62.1359	2926.	2.8240
24	838632.2	828307.0	51.0911	2902.	2.2715	51.0906	2926.	2.2757
25	837816.9	827663.5	184.0991	5757.	8.5414	182.9312	5758.	9.2328
26	837941.1	827779.5	174.2158	6714.	9.6687	174.1697	1507.	9.6180
27	837526.9	827379.0	657.4009	1392.	35.3926	657.3953	8455.	35.4020
28	837541.4	827394.8	730.4642	215.	38.2346	730.4039	8620.	38.3151
29	837572.6	827417.8	978.4171	3982.	54.0011	978.4078	4855.	54.0129
30	837288.9	827055.5	118.1732	245.	5.0791	118.0177	190.	5.6075
31	837250.2	826951.9	84.9109	8237.	3.7354	84.9010	6438.	3.8002
32	837259.5	827018.2	62.5505	1057.	2.8090	62.5504	1056.	2.8093
33	837122.0	826758.6	16.6054	3055.	0.7160	16.3905	1040.	0.6930
34	836960.3	826607.6	33.2652	8281.	0.3322	33.2649	148.	0.3340
35	837256.0	826635.9	62.9960	7277.	2.8111	62.8963	7247.	2.8897
36	837002.9	826610.5	43.1116	8281.	0.4325	43.1113	148.	0.4349
37	838451.0	828106.0	218.4470	5954.	11.1581	207.5897	2902.	11.1155
38	838402.0	827918.9	191.0072	7437.	10.0925	191.0045	716.	10.1037
39	838436.8	827842.3	107.3482	8307.	5.5546	103.9061	8257.	4.6001
40	838073.1	827793.2	555.0157	631.	25.9320	554.9815	726.	25.9835
41	838002.5	827663.7	272.7342	7230.	14.0403	272.6042	8548.	13.5983
42	837696.7	827389.9	1205.9060	4775.	59.4177	1205.1155	656.	58.5338
43	837684.5	827376.0	1753.6539	7135.	89.4515	1727.1804	623.	87.7216
44	837781.6	827402.0	423.3955	261.	21.4284	423.3423	3129.	21.6342
45	838374.7	827824.1	115.8632	8568.	5.8192	115.5423	8311.	5.6451
46	838007.6	828041.7	11.9444	4483.	0.5237	11.5314	2369.	0.5929
47	838124.5	828228.9	10.7813	1794.	0.4508	10.7811	1699.	0.4523
48	838230.0	828063.0	191.7004	2015.	9.4995	191.6868	7101.	9.5317
49	838020.0	827871.0	281.3791	5167.	14.0651	281.3775	4469.	14.0690
50	837117.0	826709.0	67.9206	8237.	2.9630	67.9131	6438.	3.0154
51	837060.0	826644.0	56.8201	8237.	2.3773	56.8136	6438.	2.4236
52	838375.0	826598.0	23.1382	7752.	0.2370	22.9966	3487.	0.2365

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TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	43	837684.5	827376.0	4968	791.6837	41.8609
2	43	837684.5	827376.0	8352	697.8329	35.9802
3	42	837696.7	827389.9	4968	622.3433	32.2855
4	29	837572.6	827417.8	7584	618.7437	34.5481
5	43	837684.5	827376.0	4944	609.0148	33.0537
6	43	837684.5	827376.0	7080	597.0556	31.3046
7	43	837684.5	827376.0	7032	591.3646	31.2665
8	43	837684.5	827376.0	432	555.3475	28.7084
9	43	837684.5	827376.0	7464	535.5219	27.1452
10	29	837572.6	827417.8	6912	531.6970	29.8379
11	43	837684.5	827376.0	8328	499.9407	26.2348
12	42	837696.7	827389.9	7080	495.7657	25.3795
13	28	837541.4	827394.8	6912	484.2007	26.4914
14	43	837684.5	827376.0	7056	477.4319	25.6765
15	29	837572.6	827417.8	1584	477.4144	26.5951
16	29	837572.6	827417.8	7608	464.6135	26.0490
17	43	837684.5	827376.0	7176	464.5218	24.0118
18	29	837572.6	827417.8	4632	462.9097	26.1499
19	28	837541.4	827394.8	7584	460.9969	25.0794
20	42	837696.7	827389.9	4944	453.6602	24.3970
21	43	837684.5	827376.0	5472	452.6414	23.0105
22	43	837684.5	827376.0	4920	448.7615	23.7387
23	27	837526.9	827379.0	6912	447.3043	24.3457
24	43	837684.5	827376.0	5784	438.5030	23.4390
25	29	837572.6	827417.8	4656	433.6815	24.9577
26	29	837572.6	827417.8	4872	429.3650	24.0609
27	43	837684.5	827376.0	7152	411.5908	21.0405
28	43	837684.5	827376.0	1728	407.8721	21.0964
29	42	837696.7	827389.9	7056	407.4405	21.4471
30	43	837684.5	827376.0	288	407.3810	20.0707
31	28	837541.4	827394.8	2184	407.2183	23.2346
32	27	837526.9	827379.0	2184	402.2719	22.9320
33	42	837696.7	827389.9	7464	401.1528	19.9205
34	28	837541.4	827394.8	6936	394.7322	21.5721
35	28	837541.4	827394.8	6600	392.5724	21.9765
36	43	837684.5	827376.0	8736	389.6559	19.6780
37	42	837696.7	827389.9	7032	387.4616	20.2802
38	29	837572.6	827417.8	4848	385.6629	22.1301
39	27	837526.9	827379.0	4872	383.5023	20.9334
40	43	837684.5	827376.0	7344	379.0972	20.0514
41	28	837541.4	827394.8	4872	371.6721	20.4030
42	42	837696.7	827389.9	288	368.5138	17.5662
43	42	837696.7	827389.9	8352	368.1420	19.0720
44	27	837526.9	827379.0	6600	367.5291	20.5071
45	42	837696.7	827389.9	5472	366.4921	18.2694
46	29	837572.6	827417.8	7104	361.1750	21.0427
47	28	837541.4	827394.8	1584	359.5196	19.9381
48	43	837684.5	827376.0	672	358.8058	18.3795
49	29	837572.6	827417.8	4728	356.1692	21.0458
50	43	837684.5	827376.0	24	353.3311	18.1416

HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	20.2958	4800.	0.6915	18.2385	4824.	0.2990
2	837244.9	826703.4	22.2750	4800.	0.7765	19.5249	4824.	0.3288
3	837260.9	826747.7	24.5680	4800.	0.8783	20.8793	4824.	0.3639
4	837322.3	826789.9	28.1619	4800.	1.0300	23.6899	4824.	0.4331
5	837287.6	826830.0	29.0734	4800.	1.0961	23.7150	6456.	1.3477
6	837526.6	827106.9	90.0312	840.	4.8267	78.9603	6528.	3.5443
7	837566.2	827152.1	147.4650	6552.	7.2404	127.4108	888.	7.1676
8	837584.7	827099.9	98.4112	6552.	4.7051	89.6454	888.	4.9894
9	837636.5	827157.6	96.0960	6552.	4.5588	88.1728	888.	4.8624
10	837682.1	827153.6	70.0877	6552.	3.3309	61.6360	8016.	2.7714
11	837645.6	827255.1	289.2278	6552.	15.0400	286.4334	8016.	13.9588
12	837702.2	827318.7	211.1388	8352.	8.1932	176.7753	8328.	7.4249
13	837707.3	827196.1	116.1260	8568.	5.4387	98.4864	96.	4.5793
14	837771.4	827137.9	59.3492	8352.	2.7040	59.0592	8568.	2.5172
15	837815.5	827496.7	111.3663	6096.	4.5300	109.2442	2832.	4.3458
16	837914.3	827644.4	174.7650	4824.	7.9190	174.1237	4800.	8.9321
17	837974.7	827492.1	40.7948	6552.	1.9794	38.5999	8016.	1.7687
18	837985.3	827548.0	60.0180	6552.	3.0255	57.1707	8016.	2.7136
19	838033.3	827568.8	49.0021	6552.	2.5439	48.4231	8016.	2.3153
20	838165.7	827852.1	42.4656	8256.	2.3001	38.8931	3744.	1.9466
21	838286.8	827897.4	118.6808	6552.	6.0914	103.4071	8016.	5.1212
22	837964.9	827946.7	6.4423	3768.	0.3125	5.5520	3744.	0.2354
23	838634.8	828252.8	23.0252	4992.	0.3719	16.9028	5808.	0.4377
24	838632.2	828307.0	20.2150	4992.	0.3420	15.9713	5208.	0.7830
25	837816.9	827663.5	104.0674	5016.	3.2185	102.6964	7632.	2.9577
26	837941.1	827779.5	159.0880	2184.	8.7114	109.8573	2208.	6.0195
27	837526.9	827379.0	447.3043	6912.	24.3457	402.2719	2184.	22.9320
28	837541.4	827394.8	484.2007	6912.	26.4914	460.9969	7584.	25.0794
29	837572.6	827417.8	618.7437	7584.	34.5481	531.6970	6912.	29.8379

30	837288.9	827055.5	43.9339	528.	2.5347	37.2665	8256.	1.7743
31	837250.2	826951.9	35.5935	8256.	1.6630	31.6357	7320.	1.3740
32	837259.5	827018.2	27.4490	528.	1.5208	22.5756	1944.	1.1367
33	837122.0	826758.6	6.6824	528.	0.3321	6.3021	6360.	0.3804
34	836960.3	826607.6	12.2235	8256.	0.4886	11.5840	7320.	0.4245
35	837256.0	826635.9	23.8166	4800.	0.8448	22.3819	4824.	0.3690
36	837002.9	826610.5	15.0521	8256.	0.6237	13.6827	7320.	0.4859
37	838451.0	828106.0	82.2665	4992.	2.7479	58.0236	5808.	2.2730
38	838402.0	827918.9	97.5543	8352.	4.3655	61.2301	6888.	2.7670
39	838436.8	827842.3	36.6479	6096.	1.4287	36.3023	2832.	1.4002
40	838073.1	827793.2	111.3947	7464.	5.4025	101.1851	5928.	5.2482
41	838002.5	827663.7	171.9771	8016.	9.1373	158.3161	96.	8.0902
42	837696.7	827389.9	622.3433	4968.	32.2855	495.7657	7080.	25.3795
43	837684.5	827376.0	791.6837	4968.	41.8609	697.8329	8352.	35.9802
44	837781.6	827402.0	133.7955	7080.	6.0668	124.2198	4968.	5.9499
45	838374.7	827824.1	51.5346	8568.	2.5472	40.0862	7992.	1.9024
46	838007.6	828041.7	6.0200	3768.	0.2929	5.1365	3744.	0.2149
47	838124.5	828228.9	6.0012	3768.	0.2924	5.6759	5160.	0.4502
48	838230.0	828063.0	106.8964	7584.	4.8382	91.7800	4632.	4.4158
49	838020.0	827871.0	136.0501	4488.	7.3685	123.1664	4464.	7.1172
50	837117.0	826709.0	22.4095	8256.	0.9888	20.6696	6456.	1.1555
51	837060.0	826644.0	18.7360	8256.	0.8071	17.2308	6456.	0.9494
52	838375.0	826598.0	7.6179	2832.	0.0834	7.5832	6096.	0.0828

DATE AT END OF RUN: 06/18/98 TIME AT END OF RUN: 09:18:49.59
ELAPSED TIME FOR THIS RUN: 0.59891E+03 SECONDS
OR 0 HOURS 9 MINUTES 58.91 SECONDS

2	0.000000000	0.00000	0.000	838175.	827917.	838090.	827854.	7.50	17.00
2	0.000000000	0.00000	0.000	838090.	827854.	838021.	827790.	7.50	17.00
2	0.000000000	0.00000	0.000	838021.	827790.	837941.	827714.	7.50	17.00
2	0.000000000	0.00000	0.000	837941.	827714.	837881.	827654.	7.50	17.00
2	0.000000000	0.00000	0.000	837881.	827654.	837830.	827603.	7.50	17.00
2	0.004400000	0.41558	0.000	837830.	827603.	837764.	827536.	7.50	17.00
2	0.000000000	0.00000	0.000	837764.	827536.	837680.	827426.	7.50	17.00
2	0.000000000	0.00000	0.000	837680.	827426.	837615.	827331.	7.50	17.00
2	0.000000000	0.00000	0.000	837615.	827331.	837548.	827239.	7.50	17.00
2	0.004400000	0.51313	0.000	837548.	827239.	837480.	827145.	7.50	17.00
2	0.000000000	0.00000	0.000	837480.	827145.	837422.	827065.	7.50	17.00
2	0.000000000	0.00000	0.000	837422.	827065.	837362.	826983.	7.50	17.00
2	0.000000000	0.00000	0.000	837362.	826983.	837296.	826894.	7.50	17.00
2	0.004400000	0.45701	0.000	837296.	826894.	837243.	826805.	7.50	17.00
2	0.000000000	0.00000	0.000	837243.	826805.	837210.	826706.	7.50	17.00
2	0.000000000	0.00000	0.000	837210.	826706.	837225.	826608.	7.50	17.00
2	0.003400000	0.26678	0.000	837531.	827274.	837592.	827224.	13.50	8.00
2	0.003400000	0.02209	0.000	837561.	827309.	837566.	827314.	13.50	8.00
2	0.002750000	0.29736	0.000	837566.	827314.	837630.	827401.	7.50	6.00
2	0.002750000	0.09858	0.000	837630.	827401.	837660.	827382.	7.50	6.00
2	0.002750000	0.28274	0.000	837660.	827382.	837606.	827295.	7.50	6.00

TOTAL EMISSIONS 0.25210E+01 GRAMS/SEC

SHORT DISTANCE (5,000 M) MASS CONSERVATION CORRECTION FACTORS USED

8784 HOUR AVERAGE FOR HOUR ENDING 8784

CONCENTRATIONS IN MICROGRAMS/M**3

AVERAGE EMISSIONS FOR THIS PERIOD =			0.25213E+01 GRAMS/SEC		
(837231., 826661., 9.039)	(837245., 826703., 11.300)	(837261., 826748., 13.984)			
(837322., 826790., 9.451)	(837288., 826830., 12.473)	(837527., 827107., 26.383)			
(837566., 827152., 31.021)	(837585., 827100., 19.897)	(837637., 827158., 17.980)			
(837682., 827154., 12.624)	(837646., 827255., 51.112)	(837702., 827319., 31.219)			
(837707., 827196., 19.839)	(837771., 827138., 10.773)	(837816., 827497., 47.293)			
(837914., 827644., 14.702)	(837975., 827492., 5.141)	(837985., 827548., 4.757)			
(838033., 827569., 3.380)	(838166., 827852., 3.168)	(838287., 827897., 1.947)			
(837965., 827947., 0.814)	(838635., 828253., 0.926)	(838632., 828307., 0.973)			
(837817., 827664., 21.486)	(837941., 827780., 9.365)	(837527., 827379., 76.052)			
(837541., 827395., 73.739)	(837573., 827418., 72.606)	(837289., 827056., 14.959)			
(837250., 826952., 13.685)	(837260., 827018., 7.485)	(837122., 826759., 1.997)			
(836960., 826608., 4.279)	(837256., 826636., 13.792)	(837003., 826611., 5.691)			
(838451., 828106., 1.462)	(838402., 827919., 1.338)	(838437., 827842., 0.970)			
(838073., 827793., 5.190)	(838003., 827664., 5.856)	(837697., 827390., 54.147)			
(837685., 827376., 72.942)	(837782., 827402., 29.444)	(838375., 827824., 1.180)			
(838008., 828042., 0.793)	(838125., 828229., 0.748)	(838230., 828063., 2.868)			
(838020., 827871., 6.589)	(837117., 826709., 14.591)	(837060., 826644., 8.671)			
(838375., 826598., 1.003)	((

8784 HOUR AVERAGE FOR HOUR ENDING 8784

DEPOSITION RATE IN MICROGRAMS/M**2/SEC

(837231., 826661.,)	(837245., 826703.,)	(837261., 826748.,)
(837322., 826790.,)	(837288., 826830.,)	(837527., 827107.,)
(837566., 827152.,)	(837585., 827100.,)	(837637., 827158.,)
(837682., 827154.,)	(837646., 827255.,)	(837702., 827319.,)
(837707., 827196.,)	(837771., 827138.,)	(837816., 827497.,)
(837914., 827644.,)	(837975., 827492.,)	(837985., 827548.,)
(838033., 827569.,)	(838166., 827852.,)	(838287., 827897.,)
(837965., 827947.,)	(838635., 828253.,)	(838632., 828307.,)
(837817., 827664.,)	(837941., 827780.,)	(837527., 827379.,)
(837541., 827395.,)	(837573., 827418.,)	(837289., 827056.,)
(837250., 826952.,)	(837260., 827018.,)	(837122., 826759.,)
(836960., 826608.,)	(837256., 826636.,)	(837003., 826611.,)
(838451., 828106.,)	(838402., 827919.,)	(838437., 827842.,)
(838073., 827793.,)	(838003., 827664.,)	(837697., 827390.,)
(837685., 827376.,)	(837782., 827402.,)	(838375., 827824.,)
(838008., 828042.,)	(838125., 828229.,)	(838230., 828063.,)
(838020., 827871.,)	(837117., 826709.,)	(837060., 826644.,)
(838375., 826598.,)	((

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	43	837684.5	827376.0	7135	1107.8964	56.1442
2	43	837684.5	827376.0	623	1085.9623	54.7585
3	43	837684.5	827376.0	622	1085.9556	54.7708
4	43	837684.5	827376.0	1207	1085.9525	54.7760
5	43	837684.5	827376.0	1228	1085.9525	54.7760
6	43	837684.5	827376.0	621	1085.9420	54.7950
7	43	837684.5	827376.0	1227	1085.9409	54.7967
8	43	837684.5	827376.0	413	1085.9265	54.8222
9	43	837684.5	827376.0	411	1085.9246	54.8256
10	43	837684.5	827376.0	414	1085.9246	54.8256
11	43	837684.5	827376.0	409	1085.9218	54.8307
12	43	837684.5	827376.0	412	1085.9218	54.8307
13	43	837684.5	827376.0	410	1085.9197	54.8340
14	43	837684.5	827376.0	95	1085.9102	54.8507
15	43	837684.5	827376.0	22	1085.8997	54.8688
16	43	837684.5	827376.0	8691	1085.8967	54.8737

17	43	837684.5	827376.0	7464	1085.8958	54.8753
18	43	837684.5	827376.0	21	1085.8931	54.8802
19	43	837684.5	827376.0	1373	1085.8931	54.8802
20	43	837684.5	827376.0	8475	1085.8892	54.8866
21	43	837684.5	827376.0	7463	1085.8872	54.8898
22	43	837684.5	827376.0	8474	1085.8872	54.8898
23	43	837684.5	827376.0	7344	1085.8843	54.8946
24	43	837684.5	827376.0	8692	1085.8834	54.8962
25	43	837684.5	827376.0	7343	1085.8823	54.8978
26	43	837684.5	827376.0	8473	1085.8805	54.9010
27	43	837684.5	827376.0	2016	1085.8767	54.9074
28	43	837684.5	827376.0	7342	1085.8728	54.9136
29	43	837684.5	827376.0	1612	1085.8717	54.9152
30	43	837684.5	827376.0	1782	1085.8717	54.9152
31	43	837684.5	827376.0	7345	1085.8710	54.9168
32	43	837684.5	827376.0	7346	1085.8671	54.9230
33	43	837684.5	827376.0	7347	1085.8662	54.9246
34	43	837684.5	827376.0	7348	1085.8623	54.9308
35	43	837684.5	827376.0	1731	1085.8585	54.9370
36	43	837684.5	827376.0	7159	1085.8501	54.9507
37	43	837684.5	827376.0	7160	1085.8491	54.9522
38	43	837684.5	827376.0	7158	1085.8480	54.9537
39	43	837684.5	827376.0	2238	1085.8472	54.9552
40	43	837684.5	827376.0	7157	1085.8462	54.9567
41	43	837684.5	827376.0	7655	1085.8424	54.9627
42	43	837684.5	827376.0	7156	1085.8416	54.9642
43	43	837684.5	827376.0	7654	1085.8406	54.9657
44	43	837684.5	827376.0	7134	1085.8329	54.9776
45	43	837684.5	827376.0	6935	1085.8207	54.9965
46	43	837684.5	827376.0	6244	1085.8187	54.9993
47	43	837684.5	827376.0	4898	1085.8048	55.0206
48	43	837684.5	827376.0	1779	1084.2719	55.1952
49	43	837684.5	827376.0	1206	1050.2689	55.6622
50	43	837684.5	827376.0	6264	1050.1694	55.9283

HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	86.8093	822.	4.1107	86.8064	790.	4.1242
2	837244.9	826703.4	95.4351	8315.	4.5525	95.4349	884.	4.5533
3	837260.9	826747.7	117.9410	8125.	6.2497	117.9410	8126.	6.2497
4	837322.3	826789.9	94.1702	5780.	5.1225	93.9120	598.	5.0030
5	837287.6	826810.0	106.7319	8415.	6.2240	106.7303	5778.	6.2758
6	837526.6	827106.9	179.7470	8315.	8.9094	179.7467	884.	8.9109
7	837566.2	827152.1	202.3623	8315.	10.2908	202.3620	884.	10.2923
8	837584.7	827099.9	137.1399	8013.	6.9575	137.1380	6551.	6.9670
9	837636.5	827157.6	176.9066	1466.	9.2649	175.5701	8257.	7.1683
10	837682.1	827153.6	121.9906	1467.	6.2812	121.1288	8216.	5.6995
11	837645.6	827255.1	542.4861	631.	29.1320	542.4738	726.	29.1679
12	837702.2	827318.7	237.3801	4776.	10.2287	237.3790	3285.	10.2304
13	837707.3	827196.1	255.0319	7135.	12.9898	252.3909	1779.	13.4734
14	837771.4	827117.9	119.0951	3995.	6.4540	119.0950	3996.	6.4543
15	837815.5	827496.7	449.4977	8257.	19.0930	444.7014	3487.	16.3740
16	837914.3	827644.4	374.9066	5952.	18.5036	373.9108	5761.	18.9088
17	837974.7	827492.1	121.7913	8635.	6.4263	121.7913	8636.	6.4267
18	837985.3	827548.0	130.8708	4941.	6.9489	130.8705	4940.	6.9501
19	838033.3	827568.8	101.8600	7052.	5.3674	101.8596	7066.	5.3693
20	838165.7	827852.1	90.3075	5954.	4.1274	89.9510	2902.	4.4694
21	838286.8	827897.4	60.0026	2902.	2.8049	60.0020	2926.	2.8095
22	837964.9	827946.7	13.9309	4411.	0.5962	13.9308	4481.	0.5968
23	838634.8	828252.8	28.6359	8690.	0.2921	28.6357	2261.	0.2931
24	838632.2	828307.0	24.4824	8690.	0.2497	24.4823	2261.	0.2506
25	837816.9	827663.5	261.5946	1316.	13.3974	261.5912	2297.	13.4153
26	837941.1	827779.5	136.3748	6130.	6.8676	133.1671	2335.	6.6680
27	837526.9	827379.0	401.3228	2112.	21.5428	401.3225	428.	21.5434
28	837541.4	827394.8	459.8675	215.	24.4539	459.8319	8620.	24.5022
29	837572.6	827417.8	667.9474	3982.	37.3846	667.9417	4855.	37.3922
30	837288.9	827055.5	133.6483	1057.	6.7257	133.6482	1056.	6.7262
31	837250.2	826951.9	135.4131	2380.	6.8583	135.4129	1412.	6.8593
32	837259.5	827018.2	74.2587	1057.	3.3705	74.2586	1056.	3.3708
33	837122.0	826758.6	19.7479	8630.	1.0334	19.6097	8581.	1.0201
34	836960.3	826607.6	51.0475	1057.	2.3597	51.0475	1056.	2.3600
35	837256.0	826635.9	143.7533	128.	6.8030	133.1830	195.	6.5285
36	837002.9	826610.5	69.2110	244.	3.0048	69.2101	124.	3.0118
37	838451.0	828106.0	42.2173	2902.	1.8560	42.2168	2926.	1.8596
38	838402.0	827918.9	41.6273	2902.	1.9055	41.6269	2926.	1.9088
39	838436.8	827842.3	41.7984	269.	0.4086	41.7984	270.	0.4095
40	838073.1	827793.2	150.6427	5954.	7.6131	146.3377	2902.	7.8213
41	838002.5	827663.7	168.1926	3927.	8.9497	168.1913	3062.	8.9560
42	837696.7	827389.9	615.0831	4775.	29.9846	614.3700	656.	29.5017
43	837684.5	827376.0	1107.8964	7135.	56.1442	1085.9623	623.	54.7585
44	837781.6	827402.0	250.8768	3034.	13.6868	250.8763	2874.	13.6890
45	838374.7	827824.1	45.8104	267.	0.4521	45.8097	1543.	0.4660
46	838007.6	828041.7	12.4207	3750.	0.5036	12.4200	8730.	0.7155
47	838124.5	828228.9	12.2077	1794.	0.5005	12.2075	1699.	0.5022
48	838230.0	828063.0	63.4294	28.	0.6471	63.4292	1590.	0.6489
49	838020.0	827871.0	114.2592	2911.	1.4673	114.2589	2910.	1.4697
50	837117.0	826709.0	178.0675	245.	9.1933	175.2557	2285.	5.1949
51	837060.0	826644.0	136.3114	7400.	6.2364	135.6212	8237.	6.5853
52	838375.0	826598.0	24.8619	1467.	0.9749	23.0990	238.	0.2278

TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	43	837684.5	827376.0	4968	512.5870	26.9276
2	29	837572.6	827417.8	7584	397.7650	22.4564
3	43	837684.5	827376.0	7056	375.6342	18.8675
4	29	837572.6	827417.8	1584	350.4232	19.7164
5	42	837696.7	827389.9	4968	348.7509	17.7503
6	43	837684.5	827376.0	7080	348.3531	18.3329
7	43	837684.5	827376.0	4944	346.4433	18.5663
8	43	837684.5	827376.0	7032	332.4469	16.9911
9	29	837572.6	827417.8	6912	317.1107	18.0523
10	43	837684.5	827376.0	432	316.9320	16.3089
11	29	837572.6	827417.8	7608	312.1769	17.4412
12	43	837684.5	827376.0	8352	310.4276	15.7529
13	29	837572.6	827417.8	4632	309.6422	17.5826
14	42	837696.7	827389.9	7056	304.4039	14.6940
15	43	837684.5	827376.0	7464	300.2254	15.1575
16	28	837541.4	827394.8	6912	297.2861	16.4712
17	43	837684.5	827376.0	4992	295.3835	14.6535
18	29	837572.6	827417.8	7104	293.3205	16.8408
19	28	837541.4	827394.8	7584	286.5149	15.7900
20	43	837684.5	827376.0	7656	286.0191	13.4102
21	27	837526.9	827379.0	6912	280.2701	15.4612
22	29	837572.6	827417.8	4872	277.2699	15.6917
23	27	837526.9	827379.0	7584	273.7617	15.0006
24	42	837696.7	827389.9	7080	266.2497	13.5045
25	29	837572.6	827417.8	4656	263.0919	15.2933
26	42	837696.7	827389.9	4992	262.4407	12.7259
27	28	837541.4	827394.8	1584	260.8253	14.6983
28	27	837526.9	827379.0	1584	260.4415	14.5673
29	29	837572.6	827417.8	4848	253.0002	14.5808
30	27	837526.9	827379.0	2184	248.9220	14.2076
31	28	837541.4	827394.8	6936	247.8176	13.7102
32	28	837541.4	827394.8	7104	244.8069	13.8494
33	43	837684.5	827376.0	288	244.5557	12.1389
34	28	837541.4	827394.8	6600	242.9950	13.7247
35	43	837684.5	827376.0	7176	241.8670	12.4835
36	27	837526.9	827379.0	4872	240.3056	13.2833
37	43	837684.5	827376.0	5472	238.8439	12.1757
38	43	837684.5	827376.0	3744	238.5480	12.7623
39	28	837541.4	827394.8	4632	238.2352	13.2777
40	43	837684.5	827376.0	7344	237.0163	12.4017
41	28	837541.4	827394.8	2184	234.4472	13.3937
42	29	837572.6	827417.8	3192	232.5301	13.4046
43	28	837541.4	827394.8	4656	232.4776	13.3247
44	29	837572.6	827417.8	4728	230.1602	13.7366
45	28	837541.4	827394.8	7608	227.5956	12.4390
46	27	837526.9	827379.0	7104	226.8404	12.4747
47	27	837526.9	827379.0	6600	226.0176	12.7790
48	27	837526.9	827379.0	8520	223.3786	12.8100
49	29	837572.6	827417.8	6840	222.8053	12.2825
50	27	837526.9	827379.0	6936	221.5554	12.2190

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HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	45.3761	840.	2.3741	39.7496	888.	2.1772
2	837244.9	826703.4	54.1800	840.	2.8592	51.8463	888.	2.8342
3	837260.9	826747.7	67.6030	888.	3.6758	67.0175	6552.	3.1394
4	837322.3	826789.9	36.8366	1152.	1.9683	36.3752	600.	1.9857
5	837287.6	826830.0	43.2769	840.	2.3216	40.5667	888.	2.1909
6	837526.6	827106.9	118.4865	6552.	5.6680	108.9753	888.	6.0446
7	837566.2	827152.1	147.2133	6552.	7.2652	124.5178	8016.	5.9690
8	837584.7	827099.9	97.4316	6552.	4.7222	87.7007	8016.	4.0720
9	837636.5	827157.6	71.2254	600.	3.9600	67.8890	6552.	3.2293
10	837682.1	827153.6	50.6170	600.	2.7949	46.1753	8352.	1.5217
11	837645.6	827255.1	174.4645	7080.	10.2552	168.0086	6552.	8.7157
12	837702.2	827318.7	131.3776	4968.	5.8852	120.7245	4944.	5.9646
13	837707.3	827196.1	74.2459	432.	3.6338	73.2352	7176.	3.5121
14	837771.4	827137.9	68.2881	8352.	2.9616	48.9140	8328.	1.9391
15	837815.5	827496.7	172.8332	6096.	6.8496	170.9762	2832.	6.7556
16	837914.3	827644.4	117.1173	4992.	4.4559	107.6179	5880.	6.0164
17	837974.7	827492.1	46.5196	8352.	1.5348	31.9811	4944.	1.5185
18	837985.3	827548.0	66.7941	4968.	2.3901	49.9916	7080.	1.8032
19	838033.3	827568.8	43.1197	4968.	1.4356	40.1407	7080.	1.2871
20	838165.7	827852.1	30.2058	4992.	0.5249	23.2451	5208.	1.1764
21	838286.8	827897.4	21.4829	4992.	0.3317	15.8849	5808.	0.4075
22	837964.9	827946.7	8.3391	3768.	0.3995	7.1712	3744.	0.2980
23	838634.8	828252.8	11.1429	4992.	0.1531	8.1271	5808.	0.1904
24	838632.2	828307.0	9.7792	4992.	0.1397	7.3923	5808.	0.1907
25	837816.9	827663.5	124.7500	4488.	6.3771	124.0434	5016.	4.3105
26	837941.1	827779.5	78.9389	7632.	1.9358	66.6442	5016.	1.9051
27	837526.9	827379.0	280.2701	6912.	15.4612	273.7617	7584.	15.0006
28	837541.4	827394.8	297.2861	6912.	16.4712	286.5149	7584.	15.7900
29	837572.6	827417.8	397.7650	7584.	22.4564	350.4232	1584.	19.7164

30	837288.9	827055.5	60.3289	528.	3.5089	47.7827	1944.	2.5748
31	837250.2	826951.9	56.8872	4800.	2.4833	43.0050	8256.	2.0701
32	837259.5	827018.2	33.9420	528.	1.8927	26.8979	1944.	1.3604
33	837122.0	826758.6	8.1886	7320.	0.4326	7.8731	6360.	0.4785
34	836960.3	826607.6	22.8500	528.	1.2757	20.4250	8256.	0.8829
35	837256.0	826635.9	72.5697	6552.	3.6001	66.0615	8016.	3.2073
36	837002.9	826610.5	31.4212	8256.	1.4347	28.5675	528.	1.6294
37	838451.0	828106.0	16.3260	4992.	0.2385	12.1202	5808.	0.3054
38	838402.0	827918.9	15.2705	4992.	0.2244	11.3122	5880.	0.5331
39	838436.8	827842.3	9.1190	5880.	0.4180	8.7660	1560.	0.0889
40	838073.1	827793.2	45.5142	4992.	0.9759	37.2372	5208.	1.9498
41	838002.5	827663.7	45.2545	5880.	2.4110	41.6602	4992.	1.0062
42	837696.7	827389.9	348.7509	4968.	17.7503	304.4039	7056.	14.6940
43	837684.5	827376.0	512.5870	4968.	26.9276	375.6342	7056.	18.8675
44	837781.6	827402.0	124.6988	6552.	6.5631	118.3526	8016.	5.9694
45	838374.7	827824.1	11.0301	4992.	0.1723	10.8331	5880.	0.5070
46	838007.6	828041.7	7.4352	3768.	0.3563	6.3543	3744.	0.2591
47	838124.5	828228.9	6.1000	3792.	0.5255	5.9877	5160.	0.4764
48	838230.0	828063.0	27.7571	7656.	0.3927	27.1377	7824.	0.1626
49	838020.0	827871.0	57.4325	7632.	1.2284	49.1089	7656.	0.8982
50	837117.0	826709.0	79.7370	8256.	4.1574	66.2029	7320.	3.3002
51	837060.0	826644.0	52.3487	8256.	2.5792	43.8862	7320.	1.9760
52	838375.0	826598.0	6.4526	3528.	0.0717	6.0273	8352.	0.0864

DATE AT END OF RUN: 06/18/98 TIME AT END OF RUN: 09:28:57.51
ELAPSED TIME FOR THIS RUN: 0.59468E+03 SECONDS
OR 0 HOURS 9 MINUTES 54.68 SECONDS

2	0.000000000	0.00000	0.000	838175.	827917.	838090.	827854.	7.50	17.00
2	0.004400000	0.41177	0.000	838090.	827854.	838021.	827790.	7.50	17.00
2	0.000000000	0.00000	0.000	838021.	827790.	837941.	827714.	7.50	17.00
2	0.000000000	0.00000	0.000	837941.	827714.	837881.	827654.	7.50	17.00
2	0.000000000	0.00000	0.000	837881.	827654.	837830.	827603.	7.50	17.00
2	0.000000000	0.00000	0.000	837830.	827603.	837764.	827536.	7.50	17.00
2	0.000000000	0.00000	0.000	837764.	827536.	837680.	827426.	7.50	17.00
2	0.000000000	0.00000	0.000	837680.	827426.	837615.	827331.	7.50	17.00
2	0.004000000	0.45238	0.000	837615.	827331.	837548.	827239.	7.50	17.00
2	0.000000000	0.00000	0.000	837548.	827239.	837480.	827145.	7.50	17.00
2	0.000000000	0.00000	0.000	837480.	827145.	837422.	827065.	7.50	17.00
2	0.000000000	0.00000	0.000	837422.	827065.	837362.	826983.	7.50	17.00
2	0.004400000	0.48758	0.000	837362.	826983.	837296.	826894.	7.50	17.00
2	0.000000000	0.00000	0.000	837296.	826894.	837243.	826805.	7.50	17.00
2	0.000000000	0.00000	0.000	837243.	826805.	837210.	826706.	7.50	17.00
2	0.000000000	0.00000	0.000	837210.	826706.	837225.	826608.	7.50	17.00
2	0.000000000	0.00000	0.000	837531.	827274.	837592.	827224.	13.50	8.00
2	0.000000000	0.00000	0.000	837561.	827309.	837566.	827314.	13.50	8.00
2	0.000000000	0.00000	0.000	837566.	827314.	837630.	827401.	7.50	6.00
2	0.000000000	0.00000	0.000	837630.	827401.	837660.	827382.	7.50	6.00
2	0.000000000	0.00000	0.000	837660.	827382.	837606.	827295.	7.50	6.00

TOTAL EMISSIONS 0.15194E-01 GRAMS/SEC

SHORT DISTANCE (5.000 M) MASS CONSERVATION CORRECTION FACTORS USED

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.15194E-01 GRAMS/SEC

(837231.. 826661..	4.662)	(837245.. 826703..	5.778)	(837261.. 826748..	7.373)
(837322.. 826790..	9.158)	(837288.. 826830..	12.648)	(837527.. 827107..	9.468)
(837566.. 827152..	11.067)	(837585.. 827100..	7.618)	(837637.. 827158..	7.005)
(837682.. 827154..	4.864)	(837646.. 827255..	19.261)	(837702.. 827319..	8.593)
(837707.. 827196..	7.807)	(837771.. 827138..	4.451)	(837816.. 827497..	15.468)
(837914.. 827644..	12.455)	(837975.. 827492..	4.880)	(837985.. 827548..	6.284)
(838033.. 827569..	6.710)	(838166.. 827852..	4.765)	(838287.. 827897..	1.634)
(837965.. 827947..	0.430)	(838635.. 828253..	0.727)	(838632.. 828307..	0.790)
(837817.. 827664..	10.154)	(837941.. 827780..	18.925)	(837527.. 827379..	17.647)
(837541.. 827395..	15.813)	(837573.. 827418..	16.699)	(837289.. 827056..	7.923)
(837250.. 826952..	21.232)	(837260.. 827018..	4.416)	(837122.. 826759..	1.193)
(836960.. 826608..	2.356)	(837256.. 826636..	6.378)	(837003.. 826611..	3.080)
(838451.. 828106..	1.357)	(838402.. 827919..	0.955)	(838437.. 827842..	0.860)
(838073.. 827793..	118.284)	(838003.. 827664..	17.073)	(837697.. 827390..	18.920)
(837685.. 827376..	20.167)	(837782.. 827402..	11.944)	(838375.. 827824..	1.167)
(838008.. 828042..	0.437)	(838125.. 828229..	0.469)	(838230.. 828063..	5.041)
(838020.. 827871..	32.924)	(837117.. 826709..	6.615)	(837060.. 826644..	4.422)
(838375.. 826598..	0.636)	{			

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC

(837231.. 826661..	*****	(837245.. 826703..	*****	(837261.. 826748..	*****)
(837322.. 826790..	*****	(837288.. 826830..	*****	(837527.. 827107..	*****)
(837566.. 827152..	*****	(837585.. 827100..	*****	(837637.. 827158..	*****)
(837682.. 827154..	*****	(837646.. 827255..	*****	(837702.. 827319..	*****)
(837707.. 827196..	*****	(837771.. 827138..	*****	(837816.. 827497..	*****)
(837914.. 827644..	*****	(837975.. 827492..	*****	(837985.. 827548..	*****)
(838033.. 827569..	*****	(838166.. 827852..	*****	(838287.. 827897..	*****)
(837965.. 827947..	*****	(838635.. 828253..	*****	(838632.. 828307..	*****)
(837817.. 827664..	*****	(837941.. 827780..	*****	(837527.. 827379..	*****)
(837541.. 827395..	*****	(837573.. 827418..	*****	(837289.. 827056..	*****)
(837250.. 826952..	*****	(837260.. 827018..	*****	(837122.. 826759..	*****)
(836960.. 826608..	*****	(837256.. 826636..	*****	(837003.. 826611..	*****)
(838451.. 828106..	*****	(838402.. 827919..	*****	(838437.. 827842..	*****)
(838073.. 827793..	*****	(838003.. 827664..	*****	(837697.. 827390..	*****)
(837685.. 827376..	*****	(837782.. 827402..	*****	(838375.. 827824..	*****)
(838008.. 828042..	*****	(838125.. 828229..	*****	(838230.. 828063..	*****)
(838020.. 827871..	*****	(837117.. 826709..	*****	(837060.. 826644..	*****)
(838375.. 826598..	*****	{			

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

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TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	40	838073.1	827793.2	8331	709.4653	38.1156
2	40	838073.1	827793.2	8330	709.4648	38.1166
3	40	838073.1	827793.2	8329	709.4643	38.1175
4	40	838073.1	827793.2	8328	709.4628	38.1204
5	40	838073.1	827793.2	8332	709.4622	38.1213
6	40	838073.1	827793.2	8327	709.4608	38.1242
7	40	838073.1	827793.2	8333	709.4603	38.1251
8	40	838073.1	827793.2	8334	709.4584	38.1289
9	40	838073.1	827793.2	8326	709.4567	38.1317
10	40	838073.1	827793.2	1222	709.4552	38.1345
11	40	838073.1	827793.2	8335	709.4543	38.1363
12	40	838073.1	827793.2	1223	709.4532	38.1382
13	40	838073.1	827793.2	8325	709.4532	38.1382
14	40	838073.1	827793.2	8336	709.4508	38.1428
15	40	838073.1	827793.2	1221	709.4488	38.1465
16	40	838073.1	827793.2	8337	709.4488	38.1465

17	40	838073.1	827793.2	143	709.4370	38.1214
18	40	838073.1	827793.2	5045	709.3866	38.2529
19	40	838073.1	827793.2	8644	707.7846	37.9388
20	40	838073.1	827793.2	8643	707.7841	37.9397
21	40	838073.1	827793.2	8642	707.7820	37.9433
22	40	838073.1	827793.2	8640	707.7811	37.9451
23	40	838073.1	827793.2	8641	707.7801	37.9469
24	40	838073.1	827793.2	8639	707.7755	37.9550
25	40	838073.1	827793.2	3411	707.7528	37.9937
26	40	838073.1	827793.2	7830	707.7528	37.9937
27	40	838073.1	827793.2	7831	707.7528	37.9937
28	40	838073.1	827793.2	7829	707.7524	37.9945
29	40	838073.1	827793.2	8354	706.0301	37.9764
30	40	838073.1	827793.2	8353	706.0291	37.9783
31	40	838073.1	827793.2	8352	706.0272	37.9819
32	40	838073.1	827793.2	8351	706.0256	37.9847
33	40	838073.1	827793.2	8350	706.0242	37.9874
34	40	838073.1	827793.2	7729	706.0228	37.9901
35	40	838073.1	827793.2	7728	706.0222	37.9910
36	40	838073.1	827793.2	7727	706.0213	37.9928
37	40	838073.1	827793.2	8349	706.0213	37.9928
38	40	838073.1	827793.2	7726	706.0193	37.9964
39	40	838073.1	827793.2	365	706.0188	37.9973
40	40	838073.1	827793.2	7725	706.0178	37.9991
41	40	838073.1	827793.2	7465	706.0148	38.0044
42	40	838073.1	827793.2	312	706.0139	38.0062
43	40	838073.1	827793.2	7467	706.0118	38.0097
44	40	838073.1	827793.2	7468	706.0118	38.0097
45	40	838073.1	827793.2	7466	706.0115	38.0106
46	40	838073.1	827793.2	7469	706.0099	38.0132
47	40	838073.1	827793.2	8425	706.0090	38.0149
48	40	838073.1	827793.2	8424	706.0074	38.0175
49	40	838073.1	827793.2	7754	706.0070	38.0184
50	40	838073.1	827793.2	7755	706.0054	38.0210

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HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	56.4591	4916.	2.7370	56.0820	822.	2.6872
2	837244.9	826703.4	67.1902	4916.	3.2667	66.7258	822.	3.2061
3	837260.9	826747.7	81.4310	4916.	3.9581	81.0344	822.	3.8917
4	837322.3	826789.9	82.6564	1038.	3.9529	82.6561	874.	3.9544
5	837287.6	826830.0	120.2142	4916.	5.7336	119.6287	822.	5.6284
6	837526.6	827106.9	74.7699	822.	3.5971	74.7675	790.	3.6084
7	837566.2	827152.1	84.9950	8125.	4.5642	84.9950	8126.	4.5642
8	837584.7	827099.9	64.9820	8013.	3.1572	64.9810	6551.	3.1621
9	837636.5	827157.6	70.0335	1910.	3.8295	70.0326	2466.	3.8375
10	837682.1	827153.6	58.7493	5780.	3.2455	58.0583	1158.	2.7891
11	837645.6	827255.1	175.6210	8323.	9.4022	175.6197	380.	9.4108
12	837702.2	827318.7	170.0059	261.	8.3035	169.9829	3129.	8.3931
13	837707.3	827196.1	108.5693	597.	5.6971	108.5573	8372.	5.7642
14	837771.4	827137.9	70.1240	597.	3.6352	70.1152	8372.	3.6798
15	837815.5	827496.7	284.9236	3487.	10.4933	284.9221	3486.	10.4962
16	837914.3	827644.4	135.6408	7400.	7.0668	130.7904	8237.	7.0249
17	837974.7	827492.1	47.7614	8204.	2.4392	47.4139	7394.	2.4735
18	837985.3	827548.0	60.0437	8204.	3.1024	59.4662	7394.	3.1338
19	838033.3	827568.8	64.3066	1038.	3.3547	64.3064	874.	3.3556
20	838165.7	827852.1	211.5718	261.	10.3802	211.5438	3129.	10.4906
21	838286.8	827897.4	78.1959	3034.	4.1017	78.1957	2874.	4.1025
22	837964.9	827946.7	7.3879	4694.	0.4212	7.3879	6064.	0.4215
23	838634.8	828252.8	21.7787	8690.	0.2231	21.7786	2261.	0.2238
24	838632.2	828307.0	21.3791	8690.	0.2188	21.3790	2261.	0.2195
25	837816.9	827663.5	86.8755	1484.	4.3885	86.8727	7460.	4.4019
26	837941.1	827779.5	154.6750	620.	7.0122	154.6708	79.	7.0295
27	837526.9	827379.0	243.1853	1783.	12.8944	243.1703	4750.	12.9171
28	837541.4	827394.8	249.3515	1783.	13.2642	249.3364	4750.	13.2872
29	837572.6	827417.8	270.7088	7940.	14.4811	270.7054	3199.	14.4874
30	837288.9	827055.5	111.6123	1652.	5.6753	111.6098	3940.	5.6881
31	837250.2	826951.9	138.2133	38.	7.5499	138.2133	39.	7.5499
32	837259.5	827018.2	52.7007	8370.	2.9653	52.7000	6834.	2.9781
33	837122.0	826758.6	14.2362	1048.	0.6469	14.2358	7435.	0.6503
34	836960.3	826607.6	30.0560	2285.	0.3170	30.0557	2284.	0.3183
35	837256.0	826635.9	80.3655	8204.	4.2804	79.3994	7394.	4.3030
36	837002.9	826610.5	44.3741	244.	1.9170	44.3735	124.	1.9215
37	838451.0	828106.0	44.9541	5954.	2.0350	44.4736	2902.	2.1882
38	838402.0	827918.9	47.5419	3034.	2.4896	47.5418	2874.	2.4900
39	838436.8	827842.3	38.8037	7052.	2.0448	38.8035	7066.	2.0456
40	838073.1	827793.2	709.4653	8331.	38.1156	709.4648	8330.	38.1166
41	838002.5	827663.7	197.5731	8089.	9.7971	197.5631	8001.	9.8240
42	837696.7	827389.9	288.4474	3672.	14.1348	287.9128	2932.	14.4523
43	837684.5	827376.0	357.4208	3672.	17.8094	357.2686	5310.	17.2706
44	837781.6	827402.0	124.2668	5761.	5.7072	123.4757	5952.	5.4578
45	838374.7	827824.1	54.0088	7052.	2.8802	54.0086	7066.	2.8812
46	838007.6	828041.7	7.7119	2844.	0.4038	7.7119	4361.	0.4040
47	838124.5	828228.9	7.0492	4483.	0.3004	6.8889	3017.	0.4048
48	838230.0	828063.0	81.0108	2911.	1.5092	81.0105	2910.	1.5107
49	838020.0	827871.0	122.3836	1375.	15.5115	122.0797	268.	15.3111
50	837117.0	826709.0	120.6131	7400.	5.7229	119.2144	8237.	5.9523
51	837060.0	826644.0	87.2429	7400.	3.9506	87.2214	8237.	4.2069
52	838375.0	826598.0	9.4228	7752.	0.0962	9.3819	7135.	0.0984

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TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	40	838073.1	827793.2	8352	449.2272	24.3674
2	40	838073.1	827793.2	8328	446.6200	24.5369
3	40	838073.1	827793.2	96	405.8422	22.0949
4	40	838073.1	827793.2	8016	400.1404	22.2601
5	40	838073.1	827793.2	432	398.0952	21.3430
6	40	838073.1	827793.2	8592	366.6895	19.9383
7	40	838073.1	827793.2	7440	353.0991	18.9960
8	40	838073.1	827793.2	6552	346.5738	19.5110
9	40	838073.1	827793.2	8568	341.0686	19.3984
10	40	838073.1	827793.2	8280	329.8586	18.1393
11	40	838073.1	827793.2	7992	327.6908	18.0602
12	40	838073.1	827793.2	3432	313.9303	17.4837
13	40	838073.1	827793.2	8544	313.1660	17.2540
14	40	838073.1	827793.2	336	308.2507	17.1487
15	40	838073.1	827793.2	3456	303.9123	16.8358
16	40	838073.1	827793.2	4272	289.5428	15.7467
17	40	838073.1	827793.2	3576	289.1477	15.8181
18	40	838073.1	827793.2	4920	288.6644	15.8008
19	40	838073.1	827793.2	7032	283.5555	15.4828
20	40	838073.1	827793.2	7152	280.1004	15.0076
21	40	838073.1	827793.2	7176	277.4229	15.2351
22	40	838073.1	827793.2	3480	271.3188	15.0434
23	40	838073.1	827793.2	6888	271.1757	14.7729
24	40	838073.1	827793.2	8424	270.2139	14.7491
25	40	838073.1	827793.2	2832	268.0562	14.7312
26	40	838073.1	827793.2	7896	266.1024	14.3758
27	40	838073.1	827793.2	7728	265.5136	14.7003
28	40	838073.1	827793.2	4104	264.0511	14.5891
29	40	838073.1	827793.2	480	259.4211	13.8262
30	40	838073.1	827793.2	6096	257.5899	14.0426
31	40	838073.1	827793.2	5784	256.7500	14.4444
32	40	838073.1	827793.2	8160	255.7228	13.8308
33	40	838073.1	827793.2	960	255.2670	14.3919
34	40	838073.1	827793.2	3072	254.9990	14.2580
35	40	838073.1	827793.2	7776	252.2617	13.8605
36	40	838073.1	827793.2	4968	251.1317	13.2995
37	40	838073.1	827793.2	6984	249.7410	13.6733
38	40	838073.1	827793.2	8304	249.4571	13.9253
39	40	838073.1	827793.2	4944	248.4198	13.5946
40	40	838073.1	827793.2	672	245.8293	13.3942
41	40	838073.1	827793.2	5064	245.3445	13.2164
42	40	838073.1	827793.2	600	244.2337	14.4738
43	40	838073.1	827793.2	8640	243.1471	13.5053
44	40	838073.1	827793.2	1728	241.9657	13.0385
45	40	838073.1	827793.2	8376	241.0592	12.8854
46	40	838073.1	827793.2	2688	235.0201	12.7626
47	40	838073.1	827793.2	360	234.1956	12.5792
48	40	838073.1	827793.2	648	232.0739	12.8289
49	40	838073.1	827793.2	3528	230.8266	12.7218
50	40	838073.1	827793.2	6288	228.9397	12.6442

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HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	25.6270	840.	1.3267	21.3690	4800.	0.8747
2	837244.9	826703.4	31.1389	840.	1.6225	25.4955	4800.	1.0607
3	837260.9	826747.7	38.8061	840.	2.0337	30.9179	6528.	1.3372
4	837322.3	826789.9	50.9512	6552.	2.3879	49.5101	888.	2.7100
5	837287.6	826830.0	63.3867	840.	3.3355	51.5446	6528.	2.3931
6	837526.6	827106.9	37.7488	840.	1.9903	30.8518	888.	1.6981
7	837566.2	827152.1	49.4264	6552.	2.3193	49.3377	888.	2.6953
8	837584.7	827099.9	38.3736	6552.	1.7943	36.2049	888.	1.9866
9	837636.5	827157.6	28.8203	6552.	1.3829	28.6477	1104.	1.5734
10	837682.1	827153.6	21.7874	600.	1.1914	18.9840	5784.	0.8520
11	837645.6	827255.1	95.6227	8352.	3.7506	86.2597	4944.	4.1403
12	837702.2	827318.7	54.8074	7080.	2.2865	54.0380	4968.	2.3148
13	837707.3	827196.1	51.4295	8352.	1.8156	32.9745	5784.	1.3806
14	837771.4	827137.9	28.1263	8352.	0.8158	17.9362	600.	0.9827
15	837815.5	827496.7	105.0142	6096.	4.0941	104.1637	2832.	4.0379
16	837914.3	827644.4	51.0687	8256.	2.7612	43.8685	4800.	2.2201
17	837974.7	827492.1	18.4704	840.	0.9997	17.2208	6552.	0.7743
18	837985.3	827548.0	25.1297	840.	1.3719	24.1456	6552.	1.1306
19	838033.3	827568.8	34.2091	6552.	1.6511	31.4441	8016.	1.4544
20	838165.7	827852.1	59.2105	7080.	2.4913	49.3096	7464.	1.7039
21	838286.8	827897.4	12.2452	4392.	0.6506	11.5414	5928.	0.4532
22	837964.9	827946.7	2.9812	3768.	0.1370	2.5450	3744.	0.0979
23	838634.8	828252.8	8.5892	4992.	0.1245	6.2780	5808.	0.1518
24	838632.2	828307.0	8.5355	4992.	0.1266	6.3891	5808.	0.1644
25	837816.9	827663.5	51.8522	5016.	1.6385	49.6458	7632.	1.4270
26	837941.1	827779.5	70.3895	6792.	2.3146	60.7851	8520.	3.0497
27	837526.9	827379.0	110.6848	4632.	5.9403	105.1027	4656.	5.8042
28	837541.4	827394.8	103.5783	6840.	5.3688	92.7339	4632.	4.9712
29	837572.6	827417.8	100.0576	3216.	5.3370	97.1175	7104.	4.7471

30	837288.9	827055.5	36.5173	4680.	2.0481	34.7370	7944.	1.8803
31	837250.2	826951.9	138.2133	2184.	7.5499	85.0056	8520.	4.3690
32	837259.5	827018.2	18.1391	2184.	0.9327	15.2974	4680.	0.9456
33	837122.0	826758.6	4.9552	7320.	0.2678	4.8765	6360.	0.2954
34	836960.3	826607.6	12.7766	528.	0.7100	11.7895	8256.	0.4942
35	837256.0	826635.9	33.4218	840.	1.8133	30.1206	6552.	1.3938
36	837002.9	826610.5	17.9141	8256.	0.7963	16.2029	7320.	0.6736
37	838451.0	828106.0	14.7079	4992.	0.2461	10.8663	5808.	0.2903
38	838402.0	827918.9	8.2586	7464.	0.1406	7.8673	5928.	0.2503
39	838436.8	827842.3	15.9834	7080.	0.3703	12.6029	4968.	0.3309
40	838073.1	827793.2	449.2272	8352.	24.3674	446.6200	8328.	24.5369
41	838002.5	827663.7	70.2702	6552.	3.7000	68.6401	840.	3.8870
42	837696.7	827389.9	119.6678	4992.	5.1294	83.6154	7824.	3.1683
43	837684.5	827376.0	146.6157	4992.	6.4447	100.7176	5808.	4.9153
44	837781.6	827402.0	44.3178	6552.	2.3505	43.4346	8016.	2.1950
45	838374.7	827824.1	23.4522	7080.	0.6382	22.6527	4968.	0.6449
46	838007.6	828041.7	2.6226	3768.	0.1202	2.4059	3816.	0.2061
47	838124.5	828228.9	2.9646	5160.	0.2353	2.9462	3768.	0.1381
48	838230.0	828063.0	44.3160	7632.	1.2318	35.7001	7656.	0.8504
49	838020.0	827871.0	215.6148	7584.	10.6242	183.7511	4632.	9.4614
50	837117.0	826709.0	41.5568	8256.	2.0762	34.7784	7320.	1.5556
51	837060.0	826644.0	28.3134	8256.	1.3487	23.8971	7320.	0.9900
52	838375.0	826598.0	2.5789	3528.	0.0290	2.5711	432.	0.0287

DATE AT END OF RUN: 06/18/98 TIME AT END OF RUN: 09:35:28.25
ELAPSED TIME FOR THIS RUN: 0.36723E-03 SECONDS
OR 0 HOURS 6 MINUTES 7.23 SECONDS

2	0.000000000	0.00000	0.000	838175.	827917.	838090.	827854.	7.50	17.00
2	0.000000000	0.00000	0.000	838090.	827854.	838021.	827790.	7.50	17.00
2	0.000000000	0.00000	0.000	838021.	827790.	837941.	827714.	7.50	17.00
2	0.001350000	0.11425	0.000	837941.	827714.	837881.	827654.	7.50	17.00
2	0.000000000	0.00000	0.000	837881.	827654.	837830.	827603.	7.50	17.00
2	0.000000000	0.00000	0.000	837830.	827603.	837764.	827536.	7.50	17.00
2	0.000000000	0.00000	0.000	837764.	827536.	837680.	827426.	7.50	17.00
2	0.000000000	0.00000	0.000	837680.	827426.	837615.	827331.	7.50	17.00
2	0.000000000	0.00000	0.000	837615.	827331.	837548.	827239.	7.50	17.00
2	0.000000000	0.00000	0.000	837548.	827239.	837480.	827145.	7.50	17.00
2	0.000000000	0.00000	0.000	837480.	827145.	837422.	827065.	7.50	17.00
2	0.000000000	0.00000	0.000	837422.	827065.	837362.	826983.	7.50	17.00
2	0.000000000	0.00000	0.000	837362.	826983.	837296.	826894.	7.50	17.00
2	0.000000000	0.00000	0.000	837296.	826894.	837243.	826805.	7.50	17.00
2	0.000000000	0.00000	0.000	837243.	826805.	837210.	826706.	7.50	17.00
2	0.000000000	0.00000	0.000	837210.	826706.	837225.	826608.	7.50	17.00
2	0.001030000	0.08082	0.000	837531.	827274.	837592.	827224.	13.50	8.00
2	0.001030000	0.00669	0.000	837561.	827309.	837566.	827114.	13.50	8.00
2	0.000836000	0.09040	0.000	837566.	827314.	837630.	827401.	7.50	6.00
2	0.000836000	0.02997	0.000	837630.	827401.	837660.	827382.	7.50	6.00
2	0.000836000	0.08595	0.000	837660.	827382.	837606.	827295.	7.50	6.00

TOTAL EMISSIONS 0.86679E+00 GRAMS/SEC

SHORT DISTANCE (5,000 M) MASS CONSERVATION CORRECTION FACTORS USED

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.86688E+00 GRAMS/SEC

(837231., 826661., 0.741)	(837245., 826703., 0.814)	(837261., 826748., 0.904)
(837322., 826790., 1.056)	(837288., 826830., 1.116)	(837527., 827107., 4.813)
(837566., 827152., 7.706)	(837585., 827100., 4.534)	(837637., 827158., 4.788)
(837682., 827154., 3.398)	(837646., 827255., 13.791)	(837702., 827319., 7.759)
(837707., 827196., 5.268)	(837771., 827138., 2.919)	(837816., 827497., 7.904)
(837914., 827644., 39.355)	(837975., 827492., 3.378)	(837985., 827548., 4.031)
(838033., 827569., 3.249)	(838166., 827852., 13.420)	(838287., 827897., 11.562)
(837965., 827947., 0.433)	(838635., 828253., 2.299)	(838632., 828307., 3.109)
(837817., 827664., 9.821)	(837941., 827780., 6.527)	(837527., 827379., 20.179)
(837541., 827395., 19.584)	(837573., 827418., 19.134)	(837289., 827056., 2.097)
(837250., 826952., 1.522)	(837260., 827018., 1.262)	(837122., 826759., 0.339)
(836960., 826608., 0.526)	(837256., 826636., 0.867)	(837003., 826611., 0.610)
(838451., 828111., 13.379)	(838402., 827919., 4.686)	(838437., 827842., 3.112)
(838073., 827793., 7.273)	(838003., 827664., 6.232)	(837697., 827390., 13.063)
(837697., 827390., 13.063)	(837782., 827402., 5.746)	(838375., 827824., 4.361)
(838008., 828042., 0.462)	(838125., 828229., 0.396)	(838230., 828063., 18.481)
(838020., 827871., 8.233)	(837117., 826709., 0.870)	(837060., 826644., 0.732)
(838375., 826598., 0.436)	((

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC

(837231., 826661.,)	(837245., 826703.,)	(837261., 826748.,)
(837322., 826790.,)	(837288., 826830.,)	(837527., 827107.,)
(837566., 827152.,)	(837585., 827100.,)	(837637., 827158.,)
(837682., 827154.,)	(837646., 827255.,)	(837702., 827319.,)
(837707., 827196.,)	(837771., 827138.,)	(837816., 827497.,)
(837914., 827644.,)	(837975., 827492.,)	(837985., 827548.,)
(838033., 827569.,)	(838166., 827852.,)	(838287., 827897.,)
(837965., 827947.,)	(838635., 828253.,)	(838632., 828307.,)
(837817., 827664.,)	(837941., 827780.,)	(837527., 827379.,)
(837541., 827395.,)	(837573., 827418.,)	(837289., 827056.,)
(837250., 826952.,)	(837260., 827018.,)	(837122., 826759.,)
(836960., 826608.,)	(837256., 826636.,)	(837003., 826611.,)
(838451., 828111.,)	(838402., 827919.,)	(838437., 827842.,)
(838073., 827793.,)	(838003., 827664.,)	(837697., 827390.,)
(837697., 827390.,)	(837782., 827402.,)	(838375., 827824.,)
(838008., 828042.,)	(838125., 828229.,)	(838230., 828063.,)
(838020., 827871.,)	(837117., 826709.,)	(837060., 826644.,)
(838375., 826598.,)	((

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

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TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	16	837914.3	827644.4	143	209.4001	10.7973
2	16	837914.3	827644.4	8644	207.7441	10.6840
3	16	837914.3	827644.4	8643	207.7440	10.6843
4	16	837914.3	827644.4	8642	207.7433	10.6855
5	16	837914.3	827644.4	8640	207.7429	10.6861
6	16	837914.3	827644.4	8641	207.7426	10.6867
7	16	837914.3	827644.4	8639	207.7411	10.6893
8	16	837914.3	827644.4	3411	207.7335	10.7022
9	16	837914.3	827644.4	7830	207.7335	10.7022
10	16	837914.3	827644.4	7831	207.7335	10.7022
11	16	837914.3	827644.4	7829	207.7333	10.7025
12	16	837914.3	827644.4	218	206.0433	10.5686
13	16	837914.3	827644.4	8313	206.0406	10.5736
14	16	837914.3	827644.4	8261	206.0402	10.5742
15	16	837914.3	827644.4	8259	206.0399	10.5749
16	16	837914.3	827644.4	651	206.0397	10.5752

17	16	837914.3	827644.4	8304	206.0397	10.5752
18	16	837914.3	827644.4	8544	206.0355	10.5829
19	16	837914.3	827644.4	341	206.0348	10.5841
20	16	837914.3	827644.4	1246	206.0339	10.5856
21	16	837914.3	827644.4	24	206.0336	10.5862
22	16	837914.3	827644.4	313	206.0331	10.5871
23	16	837914.3	827644.4	717	206.0305	10.5915
24	16	837914.3	827644.4	434	206.0299	10.5926
25	16	837914.3	827644.4	8667	206.0299	10.5926
26	16	837914.3	827644.4	92	206.0297	10.5929
27	16	837914.3	827644.4	7997	206.0295	10.5932
28	16	837914.3	827644.4	8666	206.0295	10.5932
29	16	837914.3	827644.4	2024	206.0290	10.5941
30	16	837914.3	827644.4	2406	206.0278	10.5961
31	16	837914.3	827644.4	1639	206.0275	10.5967
32	16	837914.3	827644.4	1682	206.0265	10.5983
33	16	837914.3	827644.4	1712	206.0253	10.6003
34	16	837914.3	827644.4	1707	206.0248	10.6011
35	16	837914.3	827644.4	2281	206.0245	10.6017
36	16	837914.3	827644.4	2280	206.0243	10.6020
37	16	837914.3	827644.4	3410	206.0240	10.6025
38	16	837914.3	827644.4	8159	206.0240	10.6025
39	16	837914.3	827644.4	7828	206.0233	10.6036
40	16	837914.3	827644.4	2235	206.0223	10.6053
41	16	837914.3	827644.4	7874	206.0221	10.6055
42	16	837914.3	827644.4	2667	206.0218	10.6061
43	16	837914.3	827644.4	2912	206.0218	10.6061
44	16	837914.3	827644.4	3966	206.0218	10.6061
45	16	837914.3	827644.4	2666	206.0216	10.6063
46	16	837914.3	827644.4	7875	206.0216	10.6063
47	16	837914.3	827644.4	7873	206.0213	10.6069
48	16	837914.3	827644.4	3630	206.0208	10.6077
49	16	837914.3	827644.4	3631	206.0208	10.6077
50	16	837914.3	827644.4	7872	206.0208	10.6077

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HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	10.3736	632.	0.1044	10.3736	625.	0.1048
2	837244.9	826703.4	11.1130	7247.	0.4561	11.1080	7277.	0.4387
3	837260.9	826747.7	11.9161	7247.	0.5006	11.9112	7277.	0.4824
4	837322.3	826789.9	13.4567	7247.	0.5710	13.4559	7277.	0.5512
5	837287.6	826830.0	14.5038	80.	0.1605	13.1194	3414.	0.6004
6	837526.6	827106.9	44.1429	822.	2.2160	44.1417	790.	2.2221
7	837566.2	827152.1	59.0496	8315.	3.0116	59.0495	884.	3.0120
8	837584.7	827099.9	37.6674	1038.	1.9034	37.6673	874.	1.9040
9	837636.5	827157.6	52.8707	1466.	2.7787	52.4867	8257.	2.1568
10	837682.1	827153.6	36.0963	1467.	1.8694	15.8530	8216.	1.6999
11	837645.6	827255.1	128.7111	656.	7.9097	128.7111	657.	7.9098
12	837702.2	827318.7	70.0539	7437.	3.4803	70.0527	716.	3.4851
13	837707.3	827196.1	70.3288	1779.	3.8864	69.8579	7135.	3.7056
14	837771.4	827137.9	31.7624	1158.	1.6693	31.7606	90.	1.6785
15	837815.5	827496.7	86.6244	3487.	3.1903	86.6240	3486.	3.1911
16	837914.3	827644.4	209.4001	143.	10.7973	207.7441	8644.	10.6840
17	837974.7	827492.1	24.7765	8298.	1.3036	24.7752	6678.	1.3109
18	837985.3	827548.0	32.7717	669.	1.5695	32.7714	8549.	1.5705
19	838033.3	827568.8	29.0964	597.	1.5238	29.0932	8372.	1.5418
20	838165.7	827852.1	109.5450	1066.	5.2404	109.5406	1450.	5.2585
21	838286.8	827897.4	78.9041	669.	3.9062	78.9036	8549.	3.9085
22	837964.9	827946.7	4.1303	2392.	0.2148	4.1302	4357.	0.2160
23	838634.8	828252.8	57.4962	3927.	2.9284	57.4957	3062.	2.9308
24	838632.2	828307.0	46.8581	2335.	2.3683	46.8566	4566.	2.3754
25	837816.9	827663.5	51.9239	3873.	2.6832	51.9233	4869.	2.6863
26	837941.1	827779.5	56.1606	1316.	2.8809	56.1599	2297.	2.8847
27	837526.9	827379.0	122.0021	2112.	6.5490	122.0021	428.	6.5492
28	837541.4	827394.8	139.7997	215.	7.4340	139.7889	8620.	7.4487
29	837572.6	827417.8	203.0560	3982.	11.3649	203.0543	4855.	11.3672
30	837288.9	827055.5	28.5801	245.	1.2069	28.2892	190.	1.3207
31	837250.2	826951.9	21.2775	2020.	0.2704	21.2772	2283.	0.2723
32	837259.5	827018.2	15.5184	1057.	0.6827	15.5183	1056.	0.6827
33	837122.0	826758.6	4.4457	3055.	0.1832	4.3280	69.	0.1665
34	836960.3	826607.6	9.0305	8281.	0.0902	9.0305	148.	0.0907
35	837256.0	826635.9	15.1889	7277.	0.6717	15.1612	7326.	0.6065
36	837002.9	826610.5	11.6226	8281.	0.1167	11.6226	148.	0.1174
37	838451.0	828111.0	129.6405	7321.	6.4576	129.6399	2424.	6.4591
38	838402.0	827918.9	55.1586	8635.	3.0104	55.1586	8636.	3.0106
39	838436.8	827842.3	39.2458	8323.	2.1097	39.2454	380.	2.1116
40	838073.1	827793.2	78.2437	7400.	4.0786	75.5354	8237.	4.0611
41	838002.5	827663.7	84.0638	1206.	4.3078	84.0529	6264.	4.3311
42	837696.7	827389.9	186.9851	4775.	9.1153	186.7683	656.	8.9685
43	837696.7	827389.9	186.9851	4775.	9.1153	186.7683	656.	8.9685
44	837781.6	827402.0	70.7997	3107.	3.5715	70.3767	3033.	3.5878
45	838374.7	827824.1	48.3095	1158.	2.6073	48.3072	90.	2.6204
46	838007.6	828041.7	4.6126	7770.	0.2431	4.6082	6972.	0.2435
47	838124.5	828228.9	4.8567	5059.	0.2609	4.8306	5339.	0.2585
48	838230.0	828063.0	116.1178	5521.	6.2128	116.1169	5520.	6.2141
49	838020.0	827871.0	61.3557	7246.	3.2486	58.8222	633.	3.1843
50	837117.0	826709.0	17.4737	7400.	0.6738	17.4556	8237.	0.6738
51	837060.0	826644.0	14.7976	8237.	0.5984	14.7960	6438.	0.6110
52	838375.0	826598.0	5.4535	1467.	0.2244	5.1742	7752.	0.0531

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TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	16	837914.3	827644.4	8328	134.2399	7.1523
2	16	837914.3	827644.4	8016	132.0664	7.2013
3	16	837914.3	827644.4	8352	125.7637	6.5907
4	16	837914.3	827644.4	96	124.8139	6.6098
5	16	837914.3	827644.4	6552	121.3556	6.7275
6	29	837572.6	827417.8	7584	120.3937	6.7950
7	16	837914.3	827644.4	8592	119.9727	6.3292
8	16	837914.3	827644.4	7440	115.8969	6.0106
9	16	837914.3	827644.4	432	110.1992	5.7547
10	16	837914.3	827644.4	8568	107.5453	5.9985
11	16	837914.3	827644.4	8280	104.8442	5.5325
12	29	837572.6	827417.8	1584	104.6734	5.8875
13	16	837914.3	827644.4	3432	104.6509	5.6757
14	16	837914.3	827644.4	336	103.7398	5.6382
15	16	837914.3	827644.4	7992	103.3190	5.5776
16	16	837914.3	827644.4	3456	102.1250	5.5427
17	42	837696.7	827389.9	4968	100.8605	5.1744
18	43	837696.7	827389.9	4968	100.8605	5.1744
19	16	837914.3	827644.4	8544	100.1177	5.3800
20	29	837572.6	827417.8	6912	96.2095	5.4742
21	16	837914.3	827644.4	8424	95.2759	4.9223
22	16	837914.3	827644.4	3576	92.0940	4.8946
23	29	837572.6	827417.8	4632	91.5306	5.2253
24	29	837572.6	827417.8	7608	90.4650	5.1241
25	28	837541.4	827394.8	6912	90.2515	4.9983
26	16	837914.3	827644.4	3480	89.8806	4.8445
27	16	837914.3	827644.4	4272	89.3994	4.6937
28	16	837914.3	827644.4	960	89.0147	4.9226
29	28	837541.4	827394.8	7584	86.5099	4.7645
30	16	837914.3	827644.4	3072	85.1913	4.6615
31	27	837526.9	827379.0	6912	85.1047	4.6931
32	29	837572.6	827417.8	7104	84.5099	4.9100
33	29	837572.6	827417.8	4872	83.1907	4.7053
34	16	837914.3	827644.4	4104	82.8937	4.4491
35	27	837526.9	827379.0	7584	82.5650	4.5204
36	16	837914.3	827644.4	6528	82.5353	4.4724
37	16	837914.3	827644.4	7728	81.9200	4.4363
38	16	837914.3	827644.4	8160	81.7694	4.2537
39	16	837914.3	827644.4	984	81.3498	4.7070
40	16	837914.3	827644.4	2832	81.2447	4.3355
41	16	837914.3	827644.4	600	80.5871	4.7537
42	16	837914.3	827644.4	7896	80.3442	4.2401
43	16	837914.3	827644.4	8304	80.2266	4.3285
44	42	837696.7	827389.9	7080	79.8275	4.0358
45	43	837696.7	827389.9	7080	79.8275	4.0358
46	29	837572.6	827417.8	4656	79.7003	4.6220
47	16	837914.3	827644.4	8640	79.3007	4.2884
48	16	837914.3	827644.4	8376	79.1519	4.0273
49	16	837914.3	827644.4	5784	79.0304	4.2688
50	16	837914.3	827644.4	6888	78.5841	4.1382

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HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	5.0080	4800.	0.1660	4.4390	4824.	0.0734
2	837244.9	826703.4	5.4544	4800.	0.1856	4.7111	4824.	0.0803
3	837260.9	826747.7	5.9794	4800.	0.2094	5.0069	4824.	0.0886
4	837322.3	826789.9	6.8692	4800.	0.2471	5.6941	4824.	0.1058
5	837287.6	826830.0	7.0459	4800.	0.2623	6.1227	6456.	0.3436
6	837526.6	827106.9	21.7172	840.	1.1714	19.5980	6528.	0.8938
7	837566.2	827152.1	38.6315	6552.	1.9176	33.4881	8016.	1.6028
8	837584.7	827099.9	24.1142	6552.	1.1712	22.3851	8016.	1.0412
9	837636.5	827157.6	20.1049	2832.	0.7076	19.7097	6552.	0.9455
10	837682.1	827153.6	13.4617	600.	0.7461	13.0298	6552.	0.6171
11	837645.6	827255.1	49.3265	8016.	2.4075	49.1721	6552.	2.5644
12	837702.2	827318.7	35.2657	8352.	1.3604	33.5522	4944.	1.6775
13	837707.3	827196.1	21.1762	8568.	1.0068	20.8197	7176.	1.0298
14	837771.4	827137.9	17.8588	8352.	0.8090	13.0598	8328.	0.5193
15	837815.5	827496.7	33.6791	2832.	1.3494	32.8543	6096.	1.3109
16	837914.3	827644.4	134.2399	8328.	7.1523	132.0664	8016.	7.2013
17	837974.7	827492.1	11.9144	6552.	0.6083	11.2161	8016.	0.5352
18	837985.3	827548.0	15.7644	8568.	0.7555	11.8805	8304.	0.5662
19	838033.3	827568.8	10.3827	4800.	0.4352	9.6025	2832.	0.3516
20	838165.7	827852.1	57.7661	4800.	2.8192	48.5333	4824.	1.9325
21	838286.8	827897.4	45.3168	8568.	2.2573	43.0830	8328.	1.8457
22	837964.9	827946.7	1.7127	2184.	0.0743	1.6417	2208.	0.0851
23	838634.8	828252.8	19.7797	3768.	1.1424	19.6642	4992.	0.5504
24	838632.2	828307.0	21.0222	3768.	1.2223	19.2401	7656.	0.5587
25	837816.9	827663.5	27.9583	2184.	1.5388	26.9735	4896.	1.0350
26	837941.1	827779.5	28.3480	4488.	1.4492	25.6916	3768.	1.5005
27	837526.9	827379.0	85.1047	6912.	4.6931	82.5650	7584.	4.5204
28	837541.4	827394.8	90.2515	6912.	4.9983	86.5099	7584.	4.7645
29	837572.6	827417.8	120.3937	7584.	6.7950	104.6734	1584.	5.8875

30	837288.9	827055.5	10.8050	528.	0.6197	9.3396	8256.	0.4398
31	837250.2	826951.9	8.9823	8256.	0.4154	8.0108	7320.	0.3462
32	837259.5	827018.2	6.8647	528.	0.3770	5.6236	1944.	0.2795
33	837122.0	826758.6	1.8191	528.	0.0885	1.7073	6480.	0.1049
34	836960.3	826607.6	3.2811	8256.	0.1278	3.1287	7320.	0.1129
35	837256.0	826635.9	5.8997	4800.	0.2034	5.5095	4824.	0.0916
36	837002.9	826610.5	4.0006	8256.	0.1620	3.6749	7320.	0.1287
37	838451.0	828111.0	40.7640	8256.	2.3433	40.1514	7008.	1.7820
38	838402.0	827918.9	23.0989	4968.	0.9738	22.7513	8352.	0.9560
39	838436.8	827842.3	20.5458	8352.	0.7220	13.1519	8328.	0.5189
40	838073.1	827793.2	31.3726	8256.	1.6894	26.1183	7320.	1.3413
41	838002.5	827663.7	43.8276	8352.	2.1017	37.0592	4968.	1.7318
42	837696.7	827389.9	100.8605	4968.	5.1744	79.8275	7080.	4.0358
43	837696.7	827389.9	100.8605	4968.	5.1744	79.8275	7080.	4.0358
44	837781.6	827402.0	17.5020	7080.	0.7982	17.1944	6552.	0.8919
45	838374.7	827824.1	18.5574	8352.	0.7374	17.9517	8328.	0.7600
46	838007.6	828041.7	2.6935	2184.	0.1183	2.1984	2208.	0.1102
47	838124.5	828228.9	1.7426	2184.	0.0775	1.5543	2208.	0.0772
48	838230.0	828063.0	71.3367	7104.	3.5271	65.0528	1584.	3.1604
49	838020.0	827871.0	30.7768	6792.	1.1191	30.1965	7632.	1.0540
50	837117.0	826709.0	5.8382	8256.	0.2533	5.3304	6456.	0.2953
51	837060.0	826644.0	4.9329	8256.	0.2083	4.4964	6456.	0.2452
52	838375.0	826598.0	1.8984	96.	0.0504	1.8741	8016.	0.0558

DATE AT END OF RUN: 06/18/98
 ELAPSED TIME FOR THIS RUN:
 OR 0 HOURS 11 MINUTES

TIME AT END OF RUN: 13:27:04.73
 0.66894E+03 SECONDS
 8.94 SECONDS

2	0.000000000	0.00000	0.000	837764.	827536.	837680.	827426.	7.50	17.00
2	0.000000000	0.00000	0.000	837680.	827426.	837615.	827331.	7.50	17.00
2	0.000000000	0.00000	0.000	837615.	827331.	837548.	827239.	7.50	17.00
2	0.000000000	0.00000	0.000	837548.	827239.	837480.	827145.	7.50	17.00
2	0.000000000	0.00000	0.000	837480.	827145.	837422.	827065.	7.50	17.00
2	0.000000000	0.00000	0.000	837422.	827065.	837362.	826983.	7.50	17.00
2	0.000000000	0.00000	0.000	837362.	826983.	837296.	826894.	7.50	17.00
2	0.000000000	0.00000	0.000	837296.	826894.	837243.	826805.	7.50	17.00
2	0.000000000	0.00000	0.000	837243.	826805.	837210.	826706.	7.50	17.00
2	0.000000000	0.00000	0.000	837210.	826706.	837225.	826608.	7.50	17.00
2	0.000000000	0.08082	0.000	837531.	827274.	837592.	827224.	13.50	8.00
2	0.001030000	0.00669	0.000	837561.	827309.	837566.	827314.	13.50	8.00
2	0.000836000	0.09040	0.000	837566.	827314.	837630.	827401.	7.50	6.00
2	0.000836000	0.02997	0.000	837630.	827401.	837660.	827382.	7.50	6.00
2	0.000836000	0.08595	0.000	837660.	827382.	837606.	827295.	7.50	6.00

TOTAL EMISSIONS 0.70449E+00 GRAMS/SEC

SHORT DISTANCE (5,000 M) MASS CONSERVATION CORRECTION FACTORS USED

1

8784 HOUR AVERAGE FOR HOUR ENDING 8784

CONCENTRATIONS IN MICROGRAMS/M**3

AVERAGE EMISSIONS FOR THIS PERIOD = 0.70454E+00 GRAMS/SEC

(837231., 826661., 0.697)	(837245., 826703., 0.768)	(837261., 826748., 0.856)
(837322., 826790., 1.006)	(837288., 826830., 1.066)	(837527., 827107., 4.747)
(837566., 827152., 7.642)	(837585., 827100., 4.467)	(837637., 827158., 4.723)
(837682., 827154., 3.331)	(837646., 827255., 13.754)	(837702., 827319., 7.779)
(837707., 827196., 5.214)	(837771., 827138., 2.847)	(837816., 827497., 9.385)
(837914., 827644., 7.985)	(837975., 827492., 2.562)	(837985., 827548., 2.867)
(838033., 827569., 2.439)	(838166., 827852., 14.296)	(838287., 827897., 2.612)
(837965., 827947., 0.311)	(838635., 828253., 1.501)	(838632., 828307., 1.537)
(837817., 827664., 8.338)	(837941., 827780., 5.435)	(837527., 827379., 20.181)
(837541., 827395., 19.603)	(837573., 827418., 19.203)	(837289., 827056., 2.040)
(837250., 826952., 1.470)	(837260., 827018., 1.214)	(837122., 826759., 0.312)
(836960., 826608., 0.491)	(837256., 826636., 0.819)	(837003., 826611., 0.571)
(838451., 828111., 58.197)	(838402., 827919., 3.703)	(838437., 827842., 2.242)
(838073., 827793., 11.434)	(838003., 827664., 4.084)	(837697., 827390., 13.249)
(837697., 827390., 13.249)	(837782., 827402., 6.153)	(838375., 827824., 2.130)
(838008., 828042., 0.302)	(838125., 828229., 0.307)	(838230., 828063., 5.479)
(838020., 827871., 12.695)	(837117., 826709., 0.823)	(837060., 826644., 0.689)
(838375., 826598., 0.353)	((

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8784 HOUR AVERAGE FOR HOUR ENDING 8784

DEPOSITION RATE IN MICROGRAMS/M**2/SEC

(837231., 826661.,)	(837245., 826703.,)	(837261., 826748.,)
(837322., 826790.,)	(837288., 826830.,)	(837527., 827107.,)
(837566., 827152.,)	(837585., 827100.,)	(837637., 827158.,)
(837682., 827154.,)	(837646., 827255.,)	(837702., 827319.,)
(837707., 827196.,)	(837771., 827138.,)	(837816., 827497.,)
(837914., 827644.,)	(837975., 827492.,)	(837985., 827548.,)
(838033., 827569.,)	(838166., 827852.,)	(838287., 827897.,)
(837965., 827947.,)	(838635., 828253.,)	(838632., 828307.,)
(837817., 827664.,)	(837941., 827780.,)	(837527., 827379.,)
(837541., 827395.,)	(837573., 827418.,)	(837289., 827056.,)
(837250., 826952.,)	(837260., 827018.,)	(837122., 826759.,)
(836960., 826608.,)	(837256., 826636.,)	(837003., 826611.,)
(838451., 828111.,)	(838402., 827919.,)	(838437., 827842.,)
(838073., 827793.,)	(838003., 827664.,)	(837697., 827390.,)
(837697., 827390.,)	(837782., 827402.,)	(838375., 827824.,)
(838008., 828042.,)	(838125., 828229.,)	(838230., 828063.,)
(838020., 827871.,)	(837117., 826709.,)	(837060., 826644.,)
(838375., 826598.,)	((

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

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TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	37	838451.0	828111.0	675	289.4155	14.9050
2	37	838451.0	828111.0	674	288.9995	14.8726
3	37	838451.0	828111.0	8713	288.9850	14.9011
4	37	838451.0	828111.0	1584	288.9837	14.9035
5	37	838451.0	828111.0	8712	288.9837	14.9035
6	37	838451.0	828111.0	8381	288.9828	14.9052
7	37	838451.0	828111.0	8380	288.9823	14.9060
8	37	838451.0	828111.0	8710	288.9821	14.9064
9	37	838451.0	828111.0	8711	288.9819	14.9068
10	37	838451.0	828111.0	1583	288.9815	14.9076
11	37	838451.0	828111.0	8709	288.9808	14.9088
12	37	838451.0	828111.0	1582	288.9802	14.9100
13	37	838451.0	828111.0	1347	288.9793	14.9117
14	37	838451.0	828111.0	1581	288.9771	14.9156
15	37	838451.0	828111.0	1679	288.9748	14.9199
16	37	838451.0	828111.0	1703	288.9741	14.9211
17	37	838451.0	828111.0	7977	288.9717	14.9253
18	37	838451.0	828111.0	7868	288.9704	14.9276
19	37	838451.0	828111.0	2521	288.9695	14.9291
20	37	838451.0	828111.0	7869	288.9695	14.9291
21	37	838451.0	828111.0	2979	288.9693	14.9295
22	37	838451.0	828111.0	2999	288.9669	14.9335
23	37	838451.0	828111.0	4111	288.9663	14.9346
24	37	838451.0	828111.0	4110	288.9650	14.9368
25	37	838451.0	828111.0	4756	288.9650	14.9368
26	37	838451.0	828111.0	4755	288.9639	14.9386
27	37	838451.0	828111.0	4754	288.9633	14.9397
28	37	838451.0	828111.0	6263	288.9630	14.9400

29	37	838451.0	828111.0	3216	288.9628	14.9404
30	37	838451.0	828111.0	3217	288.9628	14.9404
31	37	838451.0	828111.0	3173	288.9626	14.9407
32	37	838451.0	828111.0	6261	288.9626	14.9407
33	37	838451.0	828111.0	6262	288.9626	14.9407
34	37	838451.0	828111.0	3171	288.9624	14.9411
35	37	838451.0	828111.0	4294	288.9624	14.9411
36	37	838451.0	828111.0	4832	288.9622	14.9414
37	37	838451.0	828111.0	3170	288.9619	14.9418
38	37	838451.0	828111.0	3215	288.9619	14.9418
39	37	838451.0	828111.0	4128	288.9619	14.9418
40	37	838451.0	828111.0	5163	288.9619	14.9418
41	37	838451.0	828111.0	5974	288.9613	14.9428
42	37	838451.0	828111.0	3190	288.9611	14.9432
43	37	838451.0	828111.0	5161	288.9611	14.9432
44	37	838451.0	828111.0	5519	288.9577	14.9487
45	37	838451.0	828111.0	5521	288.3138	14.8978
46	37	838451.0	828111.0	5520	288.3126	14.8999
47	37	838451.0	828111.0	3627	287.8483	14.9545
48	37	838451.0	828111.0	1686	285.9724	14.8045
49	37	838451.0	828111.0	1685	285.9717	14.8057
50	37	838451.0	828111.0	1067	284.4449	14.7062

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HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	10.2373	7247.	0.4143	10.2354	118.	0.4205
2	837244.9	826703.4	11.0563	7247.	0.4575	11.0530	118.	0.4639
3	837260.9	826747.7	11.8969	7247.	0.5030	11.8913	118.	0.5095
4	837322.3	826789.9	13.4105	7247.	0.5738	13.4057	7277.	0.5540
5	837287.6	826830.0	13.8361	80.	0.1537	12.8632	7247.	0.5627
6	837526.6	827106.9	44.3628	822.	2.2281	44.3616	790.	2.2343
7	837566.2	827152.1	59.2921	8315.	3.0233	59.2920	884.	3.0237
8	837584.7	827099.9	37.7815	1038.	1.9088	37.7814	874.	1.9094
9	837636.5	827157.6	52.8707	1466.	2.7787	52.4867	8257.	2.1568
10	837682.1	827153.6	36.0963	1467.	1.8694	35.8530	8216.	1.6999
11	837645.6	827255.1	128.7111	656.	7.9097	128.7111	657.	7.9098
12	837702.2	827318.7	70.0539	7437.	3.4803	70.0527	716.	3.4851
13	837707.3	827196.1	70.3288	1779.	1.8864	69.8579	7135.	3.7056
14	837771.4	827137.9	31.7624	1158.	1.6693	31.7606	90.	1.6785
15	837815.5	827496.7	86.6244	3487.	3.1903	86.6240	3486.	3.1911
16	837914.3	827644.4	194.2763	4775.	9.5695	194.1307	656.	9.4258
17	837974.7	827492.1	24.4750	1158.	1.2880	24.4737	90.	1.2951
18	837985.3	827548.0	30.6096	8324.	1.4707	30.6093	1220.	1.4719
19	838033.3	827568.8	24.8898	8635.	1.3151	24.8897	8636.	1.3152
20	838165.7	827852.1	77.7663	7437.	3.9041	77.7652	716.	3.9093
21	838286.8	827897.4	47.6635	381.	2.2920	47.6601	4239.	2.3047
22	837964.9	827946.7	3.0725	4411.	0.1369	3.0724	4481.	0.1370
23	838634.8	828252.8	33.5815	5954.	1.5129	33.0886	2902.	1.6154
24	838632.2	828307.0	23.7441	2335.	1.1790	23.7433	4566.	1.1827
25	837816.9	827663.5	48.6978	6714.	2.7064	48.5890	1507.	2.6869
26	837941.1	827779.5	40.7754	4369.	2.0825	40.3015	1484.	2.0421
27	837526.9	827379.0	122.0021	2112.	6.5490	122.0021	428.	6.5492
28	837541.4	827394.8	139.7997	215.	7.4340	139.7889	8620.	7.4487
29	837572.6	827417.8	203.0560	3982.	11.3649	203.0543	4855.	11.3672
30	837288.9	827055.5	27.7349	245.	1.1954	27.4807	190.	1.3040
31	837250.2	826951.9	20.2613	8237.	0.8877	20.2590	6438.	0.9032
32	837259.5	827018.2	15.0344	1057.	0.6713	15.0344	1056.	0.6714
33	837122.0	826758.6	4.1090	3055.	0.1736	4.0286	1040.	0.1670
34	836960.3	826607.6	8.2792	8281.	0.0827	8.2791	148.	0.0832
35	837256.0	826635.9	14.9729	7277.	0.6709	14.9335	7247.	0.6884
36	837002.9	826610.5	10.6746	8281.	0.1073	10.6745	148.	0.1079
37	838451.0	828111.0	289.4155	675.	14.9050	288.9995	674.	14.8726
38	838402.0	827918.9	48.6771	982.	2.4229	48.6760	1516.	2.4261
39	838436.8	827842.3	27.8838	8204.	1.5199	27.4403	7394.	1.5184
40	838073.1	827793.2	140.8501	8239.	7.0180	140.8481	8569.	7.0226
41	838002.5	827663.7	54.5186	4775.	2.3046	54.0864	656.	2.2244
42	837696.7	827389.9	186.9851	4775.	9.1153	186.7683	656.	8.9685
43	837696.7	827389.9	186.9851	4775.	9.1153	186.7683	656.	8.9685
44	837781.6	827402.0	70.7997	3107.	3.5715	70.3767	3033.	3.5878
45	838374.7	827824.1	26.9882	1322.	1.4326	26.9868	6430.	1.4407
46	838007.6	828041.7	3.0046	1409.	0.1700	3.0046	2511.	0.1707
47	838124.5	828228.9	2.9634	4483.	0.1311	2.8411	2369.	0.1464
48	838230.0	828063.0	52.3987	5757.	2.7386	51.1048	4749.	2.4090
49	838020.0	827871.0	99.4164	8670.	4.9814	99.4161	1371.	4.9821
50	837117.0	826709.0	16.6019	8237.	0.7222	16.6001	6438.	0.7351
51	837060.0	826644.0	13.9946	8237.	0.5840	13.9930	6438.	0.5955
52	838375.0	826598.0	5.4537	1467.	0.2244	5.1746	7752.	0.0531

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TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	37	838451.0	828111.0	6912	189.6740	10.1619
2	37	838451.0	828111.0	1584	186.8428	9.8809
3	37	838451.0	828111.0	7584	179.6919	9.5436
4	37	838451.0	828111.0	4872	174.8801	9.3985
5	37	838451.0	828111.0	7104	172.8693	9.3572
6	37	838451.0	828111.0	8760	166.6923	8.9415
7	37	838451.0	828111.0	8784	166.6923	8.9415
8	37	838451.0	828111.0	6600	159.0210	8.7498
9	37	838451.0	828111.0	7560	158.2253	8.4520
10	37	838451.0	828111.0	4632	157.6540	8.5797

11	37	838451.0	828111.0	8520	155.2852	8.7979
12	37	838451.0	828111.0	4656	152.0304	8.4419
13	37	838451.0	828111.0	7944	150.7497	8.5781
14	37	838451.0	828111.0	6936	149.5998	8.0392
15	37	838451.0	828111.0	4728	147.2210	8.2525
16	37	838451.0	828111.0	7608	144.8867	7.7612
17	37	838451.0	828111.0	8472	137.9993	7.2046
18	37	838451.0	828111.0	3912	137.8251	7.3578
19	37	838451.0	828111.0	6840	137.8006	7.3266
20	37	838451.0	828111.0	6720	137.5886	7.4919
21	37	838451.0	828111.0	6624	136.8920	7.5576
22	37	838451.0	828111.0	7968	134.6452	7.3878
23	37	838451.0	828111.0	3192	131.6445	7.2308
24	37	838451.0	828111.0	2184	129.4438	7.3502
25	37	838451.0	828111.0	3216	128.8433	7.0354
26	37	838451.0	828111.0	4848	128.5806	7.1516
27	37	838451.0	828111.0	4896	128.0520	6.6826
28	37	838451.0	828111.0	312	127.5098	6.9169
29	37	838451.0	828111.0	8688	127.3252	6.9081
30	37	838451.0	828111.0	48	126.3453	6.9623
31	37	838451.0	828111.0	7128	126.2084	6.8942
32	29	837572.6	827417.8	7584	120.4159	6.7965
33	37	838451.0	828111.0	6744	119.5600	6.6733
34	37	838451.0	828111.0	4080	118.3009	6.3903
35	37	838451.0	828111.0	3888	118.2479	6.3461
36	37	838451.0	828111.0	4128	116.8405	6.2437
37	37	838451.0	828111.0	3000	115.2744	6.6119
38	37	838451.0	828111.0	1704	115.0405	6.2308
39	37	838451.0	828111.0	4680	114.9629	6.8351
40	37	838451.0	828111.0	6048	114.1734	6.0302
41	37	838451.0	828111.0	4776	113.2977	6.0592
42	37	838451.0	828111.0	1800	111.1363	6.3549
43	37	838451.0	828111.0	2208	111.0746	6.3028
44	37	838451.0	828111.0	6312	110.1118	6.1630
45	37	838451.0	828111.0	7800	109.2325	5.5117
46	37	838451.0	828111.0	7848	108.0129	6.2654
47	37	838451.0	828111.0	2976	107.5709	6.1009
48	37	838451.0	828111.0	5616	106.4597	6.5777
49	37	838451.0	828111.0	2640	105.7991	6.1763
50	37	838451.0	828111.0	6864	105.5902	5.5835

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HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	4.8403	4800.	0.1628	4.3374	4824.	0.0719
2	837244.9	826703.4	5.2967	4800.	0.1826	4.6298	4824.	0.0789
3	837260.9	826747.7	5.8292	4800.	0.2065	4.9419	4824.	0.0874
4	837322.3	826789.9	6.6961	4800.	0.2438	5.6053	4824.	0.1044
5	837287.6	826830.0	6.9155	4800.	0.2599	5.8293	6456.	0.3309
6	837526.6	827106.9	21.6943	840.	1.1704	19.5951	6528.	0.8938
7	837566.2	827152.1	38.6969	6552.	1.9203	33.5218	8016.	1.6043
8	837584.7	827099.9	24.1952	6552.	1.1739	22.4323	8016.	1.0429
9	837636.5	827157.6	20.0829	2832.	0.7066	19.8727	6552.	0.9512
10	837682.1	827153.6	13.5347	600.	0.7499	13.2273	6552.	0.6241
11	837645.6	827255.1	49.5286	8016.	2.4170	49.5017	6552.	2.5791
12	837702.2	827318.7	35.2863	8352.	1.3654	33.4945	4968.	1.5234
13	837707.3	827196.1	21.0634	8568.	1.0026	20.7779	7176.	1.0241
14	837771.4	827137.9	17.8536	8352.	0.8105	13.1355	8328.	0.5237
15	837815.5	827496.7	34.2480	2832.	1.3868	32.9559	6096.	1.3178
16	837914.3	827644.4	82.2640	4968.	4.1988	80.0961	7080.	4.1197
17	837974.7	827492.1	8.9475	2832.	0.3114	8.4496	6096.	0.2866
18	837985.3	827548.0	16.7525	8352.	0.5857	10.6963	8424.	0.3496
19	838033.3	827568.8	8.9015	8352.	0.3112	7.9697	8424.	0.2342
20	838165.7	827852.1	47.9889	8328.	2.1404	47.7970	96.	2.2109
21	838286.8	827897.4	20.1921	7080.	0.7839	18.9487	4968.	0.7272
22	837964.9	827946.7	1.7059	3768.	0.0837	1.4735	3744.	0.0641
23	838634.8	828252.8	13.2852	4992.	0.3358	11.1318	3768.	0.6443
24	838632.2	828307.0	10.0380	7632.	0.2910	9.6222	7656.	0.2312
25	837816.9	827663.5	29.4545	2184.	1.6120	27.8819	5040.	1.0961
26	837941.1	827779.5	25.8247	7632.	0.7832	24.2535	5016.	0.8095
27	837526.9	827379.0	85.1164	6912.	4.6940	82.5748	7584.	4.5211
28	837541.4	827394.8	90.2678	6912.	4.9996	86.5220	7584.	4.7654
29	837572.6	827417.8	120.4159	7584.	6.7965	104.7000	1584.	5.8895
30	837288.9	827055.5	10.5323	528.	0.6068	9.0334	8256.	0.4310
31	837250.2	826951.9	8.6735	8256.	0.4066	7.6911	7320.	0.3362
32	837259.5	827018.2	6.6263	528.	0.3662	5.4463	1944.	0.2733
33	837122.0	826758.6	1.6750	528.	0.0825	1.5690	6360.	0.0945
34	836960.3	826607.6	3.0605	8256.	0.1219	2.8999	7320.	0.1064
35	837256.0	826635.9	5.6842	4800.	0.1992	5.3347	4824.	0.0892
36	837002.9	826610.5	3.7542	8256.	0.1553	3.4127	7320.	0.1215
37	838451.0	828111.0	189.6740	6912.	10.1619	186.8428	1584.	9.8809
38	838402.0	827918.9	14.9485	840.	0.8391	14.8684	6528.	0.7378
39	838436.8	827842.3	10.6766	6552.	0.5267	9.4792	8016.	0.4566
40	838071.1	827793.2	60.4134	4824.	2.9088	60.2271	4800.	3.1732
41	838002.5	827663.7	16.7878	4800.	0.8090	15.6433	7464.	0.6815
42	837696.7	827389.9	100.8605	4968.	5.1744	79.9373	7080.	4.0426
43	837696.7	827389.9	100.8605	4968.	5.1744	79.9373	7080.	4.0426
44	837781.6	827402.0	21.2435	6552.	1.0981	18.9037	8016.	0.9585
45	838374.7	827824.1	8.3646	8424.	0.2521	8.1518	4968.	0.2904
46	838007.6	828041.7	1.5898	3768.	0.0782	1.3630	3744.	0.0584
47	838124.5	828228.9	1.4704	2184.	0.0661	1.3743	3768.	0.0676
48	838230.0	828063.0	30.5694	7632.	1.1131	29.9754	5016.	1.2021
49	838020.0	827871.0	45.2519	2184.	2.5505	43.1538	4896.	1.9173
50	837117.0	826709.0	5.5380	8256.	0.2446	5.0838	6456.	0.2846
51	837060.0	826644.0	4.6564	8256.	0.2006	4.2653	6456.	0.2353
52	838375.0	826598.0	1.5733	600.	0.0761	1.4156	96.	0.0427

DATE AT END OF RUN: 06/18/98 TIME AT END OF RUN: 13:15:24.87

ELAPSED TIME FOR THIS RUN: 0.61440E+03 SECONDS
OR 0 HOURS 10 MINUTES 14.40 SECONDS

2	0.000000000	0.00000	0.000	837764.	827536.	837680.	827426.	7.50	17.00
2	0.000000000	0.00000	0.000	837680.	827426.	837615.	827331.	7.50	17.00
2	0.000000000	0.00000	0.000	837615.	827331.	837548.	827239.	7.50	17.00
2	0.000000000	0.00000	0.000	837548.	827239.	837480.	827145.	7.50	17.00
2	0.000000000	0.00000	0.000	837480.	827145.	837422.	827065.	7.50	17.00
2	0.001350000	0.13702	0.000	837422.	827065.	837362.	826983.	7.50	17.00
2	0.000000000	0.00000	0.000	837362.	826983.	837296.	826894.	7.50	17.00
2	0.001350000	0.14022	0.000	837296.	826894.	837243.	826805.	7.50	17.00
2	0.000000000	0.00000	0.000	837243.	826805.	837210.	826706.	7.50	17.00
2	0.000000000	0.00000	0.000	837210.	826706.	837225.	826608.	7.50	17.00
2	0.001030000	0.08082	0.000	837531.	827274.	837592.	827224.	13.50	8.00
2	0.001030000	0.00669	0.000	837561.	827309.	837566.	827314.	13.50	8.00
2	0.000836000	0.09040	0.000	837566.	827314.	837630.	827401.	7.50	6.00
2	0.000836000	0.02997	0.000	837630.	827401.	837660.	827382.	7.50	6.00
2	0.000836000	0.08595	0.000	837660.	827382.	837606.	827295.	7.50	6.00

TOTAL EMISSIONS 0.77688E+00 GRAMS/SEC

SHORT DISTANCE (5,000 M) MASS CONSERVATION CORRECTION FACTORS USED

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.77694E+00 GRAMS/SEC

(837231., 826661., 2.977)	(837245., 826703., 3.742)	(837261., 826748., 4.677)
(837322., 826790., 3.496)	(837288., 826830., 4.605)	(837527., 827107., 5.680)
(837566., 827152., 8.352)	(837585., 827100., 4.742)	(837637., 827158., 4.863)
(837682., 827154., 3.264)	(837646., 827255., 14.076)	(837702., 827319., 7.537)
(837707., 827196., 5.080)	(837771., 827138., 2.522)	(837816., 827497., 5.556)
(837914., 827644., 2.563)	(837975., 827492., 1.128)	(837985., 827548., 1.266)
(838033., 827569., 1.131)	(838166., 827852., 2.261)	(838287., 827897., 4.495)
(837965., 827947., 0.275)	(838635., 828253., 0.945)	(838632., 828307., 1.020)
(837817., 827664., 3.345)	(837941., 827780., 1.971)	(837527., 827379., 20.429)
(837541., 827395., 19.709)	(837573., 827418., 19.052)	(837289., 827056., 6.389)
(837250., 826952., 6.214)	(837260., 827018., 2.737)	(837122., 826759., 0.620)
(836960., 826608., 1.365)	(837256., 826636., 4.550)	(837003., 826611., 1.838)
(838451., 828111., 14.590)	(838402., 827919., 8.075)	(838437., 827842., 3.323)
(838073., 827793., 1.929)	(838003., 827664., 1.721)	(837697., 827390., 12.561)
(837697., 827390., 12.561)	(837782., 827402., 4.633)	(838375., 827824., 3.546)
(838008., 828042., 0.289)	(838125., 828229., 0.266)	(838230., 828063., 5.525)
(838020., 827871., 2.074)	(837117., 826709., 4.794)	(837060., 826644., 2.836)
(838375., 826598., 0.302)		

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC

(837231., 826661.,)	(837245., 826703.,)	(837261., 826748.,)
(837322., 826790.,)	(837288., 826830.,)	(837527., 827107.,)
(837566., 827152.,)	(837585., 827100.,)	(837637., 827158.,)
(837682., 827154.,)	(837646., 827255.,)	(837702., 827319.,)
(837707., 827196.,)	(837771., 827138.,)	(837816., 827497.,)
(837914., 827644.,)	(837975., 827492.,)	(837985., 827548.,)
(838033., 827569.,)	(838166., 827852.,)	(838287., 827897.,)
(837965., 827947.,)	(838635., 828253.,)	(838632., 828307.,)
(837817., 827664.,)	(837941., 827780.,)	(837527., 827379.,)
(837541., 827395.,)	(837573., 827418.,)	(837289., 827056.,)
(837250., 826952.,)	(837260., 827018.,)	(837122., 826759.,)
(836960., 826608.,)	(837256., 826636.,)	(837003., 826611.,)
(838451., 828111.,)	(838402., 827919.,)	(838437., 827842.,)
(838073., 827793.,)	(838003., 827664.,)	(837697., 827390.,)
(837697., 827390.,)	(837782., 827402.,)	(838375., 827824.,)
(838008., 828042.,)	(838125., 828229.,)	(838230., 828063.,)
(838020., 827871.,)	(837117., 826709.,)	(837060., 826644.,)
(838375., 826598.,)		

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

1

TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	29	837572.6	827417.8	3982	203.0560	11.3649
2	29	837572.6	827417.8	4855	203.0543	11.3672
3	29	837572.6	827417.8	4854	203.0542	11.3674
4	29	837572.6	827417.8	4853	203.0538	11.3678
5	29	837572.6	827417.8	4851	203.0537	11.3680
6	29	837572.6	827417.8	4852	203.0534	11.3684
7	29	837572.6	827417.8	4856	203.0533	11.3686
8	29	837572.6	827417.8	4849	203.0531	11.3688
9	29	837572.6	827417.8	4848	203.0522	11.3699
10	29	837572.6	827417.8	4850	203.0521	11.3701
11	29	837572.6	827417.8	4847	203.0515	11.3708
12	29	837572.6	827417.8	4632	203.0506	11.3719
13	29	837572.6	827417.8	1067	197.8706	11.0545
14	29	837572.6	827417.8	1563	197.8675	11.0591
15	29	837572.6	827417.8	26	197.8673	11.0594
16	29	837572.6	827417.8	1562	197.8670	11.0600
17	29	837572.6	827417.8	1561	197.8668	11.0602
18	29	837572.6	827417.8	1564	197.8663	11.0608
19	29	837572.6	827417.8	1567	197.8659	11.0615
20	29	837572.6	827417.8	1560	197.8658	11.0617
21	29	837572.6	827417.8	1565	197.8655	11.0621
22	29	837572.6	827417.8	1566	197.8651	11.0627
23	29	837572.6	827417.8	1559	197.8649	11.0629
24	29	837572.6	827417.8	1568	197.8645	11.0636
25	29	837572.6	827417.8	1558	197.8639	11.0644
26	29	837572.6	827417.8	1569	197.8635	11.0651
27	29	837572.6	827417.8	8614	197.8635	11.0651
28	29	837572.6	827417.8	8669	197.8633	11.0653

29	29	837572.6	827417.8	8673	197.8633	11.0653
30	29	837572.6	827417.8	8742	197.8622	11.0669
31	29	837572.6	827417.8	8766	197.8622	11.0669
32	29	837572.6	827417.8	1611	197.8620	11.0671
33	29	837572.6	827417.8	1557	197.8619	11.0673
34	29	837572.6	827417.8	8456	197.8618	11.0675
35	29	837572.6	827417.8	1684	197.8609	11.0688
36	29	837572.6	827417.8	2213	197.8597	11.0704
37	29	837572.6	827417.8	2479	197.8596	11.0706
38	29	837572.6	827417.8	2478	197.8591	11.0712
39	29	837572.6	827417.8	2480	197.8591	11.0712
40	29	837572.6	827417.8	7539	197.8582	11.0726
41	29	837572.6	827417.8	6896	197.8571	11.0740
42	29	837572.6	827417.8	2599	197.8570	11.0742
43	29	837572.6	827417.8	6414	197.8570	11.0742
44	29	837572.6	827417.8	6893	197.8570	11.0742
45	29	837572.6	827417.8	6895	197.8570	11.0742
46	29	837572.6	827417.8	7965	197.8570	11.0742
47	29	837572.6	827417.8	6892	197.8568	11.0744
48	29	837572.6	827417.8	6894	197.8568	11.0744
49	29	837572.6	827417.8	6891	197.8567	11.0745
50	29	837572.6	827417.8	6889	197.8564	11.0749

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HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	29.8201	822.	1.4212	29.8191	790.	1.4258
2	837244.9	826703.4	33.2088	822.	1.5811	33.2077	790.	1.5862
3	837260.9	826747.7	39.7569	8125.	2.1140	39.7569	8126.	2.1140
4	837322.3	826789.9	28.9104	5780.	1.5726	28.8139	598.	1.5350
5	837287.6	826830.0	33.6087	1022.	1.8697	33.6078	8466.	1.8863
6	837526.6	827106.9	42.0294	822.	2.1197	42.0282	790.	2.1254
7	837566.2	827152.1	58.4883	8315.	2.9854	58.4882	884.	2.9858
8	837584.7	827099.9	37.5228	1038.	1.8966	37.5227	874.	1.8972
9	837636.5	827157.6	52.8707	1466.	2.7787	52.4867	8257.	2.1568
10	837682.1	827153.6	36.0963	1467.	1.8694	35.8530	8216.	1.6999
11	837645.6	827255.1	128.7112	656.	7.9097	128.7112	657.	7.9098
12	837702.2	827318.7	70.0539	7437.	3.4803	70.0527	716.	3.4851
13	837707.3	827196.1	70.3288	1779.	3.8864	69.8579	7135.	3.7056
14	837771.4	827137.9	31.7624	1158.	1.6693	31.7606	90.	1.6785
15	837815.5	827496.7	86.6244	3487.	3.1903	86.6240	3486.	3.1911
16	837914.3	827644.4	41.4488	5954.	2.1792	39.4910	2902.	2.1693
17	837974.7	827492.1	23.1685	3927.	1.1819	23.1683	3062.	1.1828
18	837985.3	827548.0	23.0793	3927.	1.1731	23.0790	3062.	1.1741
19	838033.3	827568.8	19.9308	3927.	1.0020	19.9305	3062.	1.0028
20	838165.7	827852.1	28.2930	245.	1.3560	27.8139	190.	1.4308
21	838286.8	827897.4	42.6308	80.	1.3024	41.2283	986.	1.9749
22	837964.9	827946.7	3.1774	3750.	0.1288	2.8755	8730.	0.1653
23	838634.8	828252.8	24.1132	5954.	1.0646	23.8504	2902.	1.1479
24	838632.2	828307.0	17.2885	6194.	0.2251	17.2885	6193.	0.2252
25	837816.9	827663.5	43.1494	5757.	1.9531	42.8547	5758.	2.1219
26	837941.1	827779.5	22.0793	2911.	0.2724	22.0792	2910.	0.2728
27	837526.9	827379.0	122.0021	2112.	6.5490	122.0021	428.	6.5492
28	837541.4	827394.8	139.7997	215.	7.4340	139.7889	8620.	7.4487
29	837572.6	827417.8	203.0560	3982.	11.3649	203.0543	4855.	11.3672
30	837288.9	827055.5	32.7207	8346.	1.8148	32.7205	7459.	1.8162
31	837250.2	826951.9	41.5472	2380.	2.1043	41.5471	1412.	2.1046
32	837259.5	827018.2	16.4635	8154.	0.8731	16.4634	2803.	0.8739
33	837122.0	826758.6	6.7982	8630.	0.3581	6.7561	6518.	0.3559
34	836960.3	826607.6	16.7484	1057.	0.7737	16.7484	1056.	0.7738
35	837256.0	826635.9	44.8847	128.	2.1059	42.1704	8315.	2.2284
36	837002.9	826610.5	22.8377	2020.	0.2720	22.8374	2283.	0.2741
37	838451.0	828111.0	187.0479	2911.	8.2074	187.0468	2910.	8.2091
38	838402.0	827918.9	61.3687	935.	3.2333	61.3668	91.	3.2413
39	838436.8	827842.3	34.4906	6553.	1.8731	34.1233	1017.	1.8414
40	838073.1	827793.2	21.7545	5954.	1.0653	21.7179	245.	1.0669
41	838002.5	827663.7	31.9967	5954.	1.6206	31.0407	2902.	1.6618
42	837696.7	827389.9	186.9851	4775.	9.1153	186.7683	656.	8.9685
43	837696.7	827389.9	186.9851	4775.	9.1153	186.7683	656.	8.9685
44	837781.6	827402.0	70.9286	3107.	3.5749	70.5049	3033.	3.5913
45	838374.7	827824.1	36.0883	2136.	1.9233	35.4505	195.	1.7589
46	838007.6	828041.7	2.8190	3750.	0.1129	2.5941	1794.	0.1019
47	838124.5	828228.9	2.6016	1794.	0.1028	2.6016	1699.	0.1032
48	838230.0	828063.0	57.1468	6695.	2.8666	57.0789	7488.	2.7821
49	838020.0	827871.0	20.6436	2911.	0.2360	20.6436	2910.	0.2364
50	837117.0	826709.0	59.3881	245.	3.0492	59.0428	7400.	2.8852
51	837060.0	826644.0	45.6992	7400.	2.1468	45.3921	8237.	2.2520
52	838375.0	826598.0	5.4931	1467.	0.2258	5.1972	7752.	0.0533

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TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	37	838451.0	828111.0	7632	126.9673	6.0508
2	29	837572.6	827417.8	7584	120.3197	6.7912
3	37	838451.0	828111.0	5016	107.2371	5.3115
4	29	837572.6	827417.8	1584	104.6795	5.8840
5	37	838451.0	828111.0	6120	103.1485	5.0189
6	42	837696.7	827389.9	4968	102.1192	5.2253
7	43	837696.7	827389.9	4968	102.1192	5.2253
8	29	837572.6	827417.8	6912	96.0048	5.4604
9	29	837572.6	827417.8	7608	94.5590	5.2256
10	29	837572.6	827417.8	4632	92.4203	5.2230

11	28	837541.4	827394.8	6912	90.0777	4.9867
12	28	837541.4	827394.8	7584	86.4866	4.7636
13	27	837526.9	827379.0	6912	84.9444	4.6824
14	37	838451.0	828111.0	7656	84.7726	3.8566
15	37	838451.0	828111.0	5040	83.8428	4.1482
16	29	837572.6	827417.8	7104	83.7538	4.8666
17	42	837696.7	827389.9	7056	83.4698	4.0984
18	43	837696.7	827389.9	7056	83.4698	4.0984
19	29	837572.6	827417.8	4872	82.6857	4.6765
20	27	837526.9	827379.0	7584	82.5666	4.5209
21	37	838451.0	828111.0	7824	81.0886	3.6448
22	42	837696.7	827389.9	7080	79.6571	4.0270
23	43	837696.7	827389.9	7080	79.6571	4.0270
24	29	837572.6	827417.8	4656	79.3452	4.6130
25	37	838451.0	828111.0	6144	79.2034	3.6719
26	37	838451.0	828111.0	7056	77.8590	3.5845
27	29	837572.6	827417.8	4848	76.5232	4.4047
28	27	837526.9	827379.0	2184	75.4488	4.3067
29	28	837541.4	827394.8	6936	75.0940	4.1507
30	28	837541.4	827394.8	1584	74.9498	4.2426
31	28	837541.4	827394.8	6600	73.4768	4.1492
32	27	837526.9	827379.0	4872	72.0340	3.9786
33	28	837541.4	827394.8	2184	70.9384	4.0530
34	37	838451.0	828111.0	4752	70.8926	3.7480
35	27	837526.9	827379.0	1584	70.6961	4.0074
36	42	837696.7	827389.9	4992	70.1710	3.4668
37	43	837696.7	827389.9	4992	70.1710	3.4668
38	37	838451.0	828111.0	2928	70.1202	3.9719
39	37	838451.0	828111.0	4464	69.8648	4.2131
40	37	838451.0	828111.0	4992	69.8340	3.2684
41	28	837541.4	827394.8	4656	69.7231	3.9946
42	28	837541.4	827394.8	7608	69.4662	3.7461
43	28	837541.4	827394.8	4632	68.7719	3.8138
44	29	837572.6	827417.8	4728	68.5901	4.0899
45	37	838451.0	828111.0	6024	68.4208	3.5649
46	27	837526.9	827379.0	6600	68.3358	3.8624
47	27	837526.9	827379.0	6936	67.0862	3.6957
48	27	837526.9	827379.0	8760	67.0041	3.7280
49	27	837526.9	827379.0	8784	67.0041	3.7280
50	37	838451.0	828111.0	3768	66.9069	4.0104

HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	15.3166	840.	0.8018	13.3111	888.	0.7303
2	837244.9	826703.4	18.4470	840.	0.9735	17.2899	888.	0.9469
3	837260.9	826747.7	22.5024	888.	1.2262	22.2650	6552.	1.0412
4	837322.3	826789.9	13.6973	840.	0.7228	13.4408	6552.	0.6237
5	837287.6	826830.0	17.2736	840.	0.9250	15.2797	4800.	0.6282
6	837526.6	827106.9	20.5291	840.	1.1104	18.6585	6528.	0.8634
7	837566.2	827152.1	38.0393	6552.	1.8892	33.0776	8016.	1.5820
8	837584.7	827099.9	23.3753	6552.	1.1379	21.8829	8016.	1.0169
9	837636.5	827157.6	19.9365	2832.	0.6989	19.4480	6096.	0.6708
10	837682.1	827153.6	13.0338	600.	0.7236	11.6675	6552.	0.5599
11	837645.6	827255.1	48.5700	8016.	2.3682	48.0617	6552.	2.5098
12	837702.2	827318.7	36.2797	4968.	1.6068	35.1725	4944.	1.7241
13	837707.3	827196.1	20.6001	8568.	0.9770	19.9779	432.	1.0281
14	837771.4	827137.9	17.5281	8352.	0.7944	12.4260	8328.	0.4905
15	837815.5	827496.7	33.2989	6096.	1.3237	31.7509	2832.	1.2306
16	837914.3	827644.4	15.2876	4992.	0.4811	13.9478	5880.	0.7491
17	837974.7	827492.1	5.5783	4968.	0.2072	5.3036	4392.	0.2840
18	837985.3	827548.0	7.5589	4968.	0.2595	6.1775	5880.	0.3163
19	838033.3	827568.8	5.1101	5880.	0.2583	5.0442	4992.	0.1101
20	838165.7	827852.1	8.3754	528.	0.4920	7.2943	8256.	0.3757
21	838286.8	827897.4	22.5117	4800.	1.0899	20.9622	8256.	1.1166
22	837964.9	827946.7	1.8357	3768.	0.0878	1.5711	3744.	0.0644
23	838634.8	828252.8	8.8784	4992.	0.1853	6.8740	5208.	0.3575
24	838632.2	828307.0	7.6618	7656.	0.1454	7.3323	7824.	0.1281
25	837816.9	827663.5	24.5478	5016.	0.7306	23.9933	7632.	0.6309
26	837941.1	827779.5	12.4130	7632.	0.2694	9.7401	7656.	0.1822
27	837526.9	827379.0	84.9444	6912.	4.6824	82.5666	7584.	4.5209
28	837541.4	827394.8	90.0777	6912.	4.9867	86.4866	7584.	4.7636
29	837572.6	827417.8	120.3197	7584.	6.7912	104.6795	1584.	5.8840
30	837288.9	827055.5	31.2769	2184.	1.7155	19.3636	8520.	1.0048
31	837250.2	826951.9	18.5071	528.	1.0766	15.5139	6384.	0.9468
32	837259.5	827018.2	13.8998	2184.	0.7249	9.3439	2208.	0.5140
33	837122.0	826758.6	2.5127	7320.	0.1374	2.3174	6360.	0.1412
34	836960.3	826607.6	7.4005	528.	0.4140	6.3183	8256.	0.2767
35	837256.0	826635.9	24.2387	6552.	1.1919	21.7578	8016.	1.0536
36	837002.9	826610.5	10.0560	8256.	0.4647	9.3265	528.	0.5331
37	838451.0	828111.0	126.9673	7632.	6.0508	107.2371	5016.	5.3115
38	838402.0	827918.9	41.6216	8016.	2.1762	40.9694	6552.	2.2230
39	838436.8	827842.3	18.4885	8016.	0.9137	17.5411	6552.	0.9282
40	838073.1	827793.2	7.2808	4992.	0.1532	7.1912	7656.	0.1282
41	838002.5	827663.7	9.8309	4992.	0.2135	8.3237	5880.	0.4342
42	837696.7	827389.9	102.1192	4968.	5.2253	83.4698	7056.	4.0984
43	837696.7	827389.9	102.1192	4968.	5.2253	83.4698	7056.	4.0984
44	837781.6	827402.0	17.5471	7056.	0.7505	17.1844	4968.	0.8109
45	838374.7	827824.1	19.8521	6552.	1.0185	18.5775	8016.	0.9216
46	838007.6	828041.7	1.6105	3768.	0.0771	1.4671	2184.	0.0640
47	838124.5	828228.9	1.3628	3792.	0.1179	1.2986	5160.	0.1035
48	838230.0	828063.0	31.9765	2184.	1.7960	31.9667	6912.	1.4311
49	838020.0	827871.0	10.1561	7632.	0.2097	9.1785	6792.	0.1974
50	837117.0	826709.0	26.4472	8256.	1.3878	21.9024	7320.	1.0961
51	837060.0	826644.0	17.1616	8256.	0.8535	14.3419	7320.	0.6519
52	838375.0	826598.0	1.5561	8352.	0.0235	1.4140	3528.	0.0176

DATE AT END OF RUN: 06/18/98 TIME AT END OF RUN: 13:38:42.01

ELAPSED TIME FOR THIS RUN: 0.61072E+03 SECONDS
OR 0 HOURS 10 MINUTES 10.72 SECONDS

RUN TITLE:
Tai Po Road (Shatin Section) - Without Mitigation

INPUT FILE NAME: M4.DAT
OUTPUT FILE NAME: M4.LST
MET DATA READ FROM FILE NAME: SHAHKG97.BIN

CONVERGENCE OPTION 1=OFF, 2=ON 1
MET OPTION SWITCH, 1=CARDS, 2=PREPROCESSED 2
PLOT FILE OUTPUT, 1=NO, 2=YES 1
MET DATA PRINT SWITCH, 1=NO, 2=YES 1
POST-PROCESSOR OUTPUT, 1=NO, 2=YES 1
DEP. VEL./GRAV. SETTL. VEL., 1=DEFAULT, 2=USER 1
PRINT 1-HOUR AVERAGE CONCEN, 1=NO, 2=YES 3
PRINT 3-HOUR AVERAGE CONCEN, 1=NO, 2=YES 1
PRINT 8-HOUR AVERAGE CONCEN, 1=NO, 2=YES 1
PRINT 24-HOUR AVERAGE CONCEN, 1=NO, 2=YES 3
PRINT LONG-TERM AVERAGE CONCEN, 1=NO, 2=YES 2
BYPASS RAMMET CALMS RECOGNITION, 1=NO, 2=YES 2
READ HOURLY EMISSION RATES, 1=NO, 2=YES 0
NUMBER OF SOURCES PROCESSED 28
NUMBER OF RECEPTORS PROCESSED 52
NUMBER OF PARTICLE SIZE CLASSES 2
NUMBER OF HOURS OF MET DATA PROCESSED 8784
LENGTH IN MINUTES OF 1-HOUR OF MET DATA 60.
ROUGHNESS LENGTH IN CM 100.00
SCALING FACTOR FOR SOURCE AND RECEPTORS 1.0000
PARTICLE DENSITY IN G/CM**3 2.50
ANEMOMETER HEIGHT IN M 16.00

PREPROCESSED METEOROLOGICAL DATA SELECTION SWITCHES
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GENERAL PARTICLE SIZE CLASS INFORMATION

PARTICLE SIZE CLASS	CHAR. DIA. (UM)	GRAV. SETTLING VELOCITY (M/SEC)	DEPOSITION VELOCITY (M/SEC)	FRACTION IN EACH SIZE CLASS
1	30.00000000	**	**	0.8000
2	10.00000000	**	**	0.2000

** COMPUTED BY FDM

RECEPTOR COORDINATES (X,Y,Z)

(837231., 826661., 15.)	(837245., 826703., 15.)	(837261., 826748., 15.)
(837322., 826790., 15.)	(837288., 826830., 15.)	(837527., 827107., 15.)
(837566., 827152., 15.)	(837585., 827100., 15.)	(837637., 827158., 15.)
(837682., 827154., 15.)	(837646., 827255., 9.)	(837702., 827319., 9.)
(837707., 827196., 9.)	(837771., 827138., 9.)	(837816., 827497., 9.)
(837914., 827644., 7.)	(837975., 827492., 9.)	(837985., 827548., 9.)
(838033., 827569., 9.)	(838166., 827852., 9.)	(838287., 827897., 9.)
(837965., 827947., 59.)	(838635., 828253., 11.)	(838632., 828307., 11.)
(837817., 827664., 11.)	(837941., 827780., 11.)	(837527., 827379., 5.)
(837541., 827395., 5.)	(837573., 827418., 5.)	(837289., 827056., 12.)
(837250., 826952., 12.)	(837260., 827018., 21.)	(837122., 826759., 44.)
(836960., 826608., 15.)	(837256., 826636., 7.)	(837003., 826611., 11.)
(838451., 828111., 7.)	(838402., 827919., 7.)	(838437., 827842., 7.)
(838073., 827793., 7.)	(838003., 827664., 7.)	(837697., 827390., 7.)
(837697., 827390., 7.)	(837782., 827402., 7.)	(838375., 827824., 7.)
(838008., 828042., 56.)	(838125., 828229., 50.)	(838230., 828063., 7.)
(838020., 827871., 7.)	(837117., 826709., 7.)	(837060., 826644., 7.)
(838375., 826598., 7.)	()	()

SOURCE INFORMATION

TYPE	ENTERED EMIS. RATE (G/SEC, G/SEC/M OR G/SEC/M**2)	TOTAL EMISSION RATE (G/SEC)	WIND SPEED FAC.	X1 (M)	Y1 (M)	X2 (M)	Y2 (M)	HEIGHT (M)	WIDTH (M)
2	0.000906000	0.05099	0.000	837746.	827565.	837789.	827529.	7.50	8.00
2	0.000000000	0.00000	0.000	838321.	828067.	838222.	827989.	7.50	8.00
2	0.000000000	0.00000	0.000	838544.	828219.	838504.	828134.	7.50	17.00
2	0.000000000	0.00000	0.000	838504.	828134.	838441.	828072.	7.50	17.00
2	0.000000000	0.00000	0.000	838441.	828072.	838343.	828013.	7.50	17.00
2	0.000000000	0.00000	0.000	838343.	828013.	838271.	827972.	7.50	17.00
2	0.000000000	0.00000	0.000	838271.	827972.	838175.	827917.	7.50	17.00
2	0.000000000	0.00000	0.000	838175.	827917.	838090.	827854.	7.50	17.00
2	0.000000000	0.00000	0.000	838090.	827854.	838021.	827790.	7.50	17.00
2	0.000000000	0.00000	0.000	838021.	827790.	837941.	827714.	7.50	17.00
2	0.000000000	0.00000	0.000	837941.	827714.	837881.	827654.	7.50	17.00
2	0.000000000	0.00000	0.000	837881.	827654.	837830.	827603.	7.50	17.00
2	0.000000000	0.00000	0.000	837830.	827603.	837764.	827536.	7.50	17.00

2	0.001350000	0.18627	0.000	837764.	827536.	837680.	827426.	7.50	17.00
2	0.000000000	0.00000	0.000	837680.	827426.	837615.	827331.	7.50	17.00
2	0.000000000	0.00000	0.000	837615.	827331.	837548.	827239.	7.50	17.00
2	0.000000000	0.00000	0.000	837548.	827239.	837480.	827145.	7.50	17.00
2	0.001350000	0.13355	0.000	837480.	827145.	837422.	827065.	7.50	17.00
2	0.000000000	0.00000	0.000	837422.	827065.	837362.	826983.	7.50	17.00
2	0.000000000	0.00000	0.000	837362.	826983.	837296.	826894.	7.50	17.00
2	0.000000000	0.00000	0.000	837296.	826894.	837243.	826805.	7.50	17.00
2	0.001350000	0.13979	0.000	837243.	826805.	837210.	826706.	7.50	17.00
2	0.000000000	0.00000	0.000	837210.	826706.	837225.	826608.	7.50	17.00
2	0.001030000	0.08082	0.000	837531.	827274.	837592.	827224.	13.50	8.00
2	0.001030000	0.00669	0.000	837561.	827309.	837566.	827314.	13.50	8.00
2	0.000836000	0.09040	0.000	837566.	827314.	837630.	827401.	7.50	6.00
2	0.000836000	0.02997	0.000	837630.	827401.	837660.	827382.	7.50	6.00
2	0.000836000	0.08595	0.000	837660.	827382.	837606.	827295.	7.50	6.00

TOTAL EMISSIONS 0.80443E+00 GRAMS/SEC

SHORT DISTANCE (5.000 M) MASS CONSERVATION CORRECTION FACTORS USED

8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.80435E+00 GRAMS/SEC

(837231., 826661., 4.038)	(837245., 826703., 3.602)	(837261., 826748., 2.966)
(837322., 826790., 2.567)	(837288., 826830., 4.338)	(837527., 827107., 6.066)
(837566., 827152., 9.056)	(837585., 827100., 5.492)	(837637., 827158., 5.785)
(837682., 827154., 4.219)	(837646., 827255., 17.123)	(837702., 827319., 13.042)
(837707., 827196., 6.898)	(837771., 827138., 3.689)	(837816., 827497., 8.343)
(837914., 827644., 3.831)	(837975., 827492., 1.172)	(837985., 827548., 1.186)
(838033., 827569., 0.897)	(838166., 827852., 0.954)	(838287., 827897., 0.600)
(837965., 827947., 0.255)	(838635., 828253., 0.288)	(838632., 828307., 0.302)
(837817., 827664., 5.614)	(837941., 827780., 2.483)	(837527., 827379., 25.245)
(837541., 827395., 25.611)	(837573., 827418., 28.031)	(837289., 827056., 5.728)
(837250., 826952., 4.166)	(837260., 827018., 2.588)	(837122., 826759., 0.588)
(836960., 826608., 1.676)	(837256., 826636., 7.973)	(837003., 826611., 2.420)
(838451., 828111., 0.452)	(838402., 827919., 0.418)	(838437., 827842., 0.309)
(838073., 827793., 1.508)	(838003., 827664., 1.790)	(837697., 827390., 35.472)
(837697., 827390., 35.472)	(837782., 827402., 11.781)	(838375., 827824., 0.375)
(838008., 828042., 0.247)	(838125., 828229., 0.232)	(838230., 828063., 0.859)
(838020., 827871., 1.845)	(837117., 826709., 9.967)	(837060., 826644., 4.492)
(838375., 826598., 0.314)	((

8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC

(837231., 826661.,)	(837245., 826703.,)	(837261., 826748.,)
(837322., 826790.,)	(837288., 826830.,)	(837527., 827107.,)
(837566., 827152.,)	(837585., 827100.,)	(837637., 827158.,)
(837682., 827154.,)	(837646., 827255.,)	(837702., 827319.,)
(837707., 827196.,)	(837771., 827138.,)	(837816., 827497.,)
(837914., 827644.,)	(837975., 827492.,)	(837985., 827548.,)
(838033., 827569.,)	(838166., 827852.,)	(838287., 827897.,)
(837965., 827947.,)	(838635., 828253.,)	(838632., 828307.,)
(837817., 827664.,)	(837941., 827780.,)	(837527., 827379.,)
(837541., 827395.,)	(837573., 827418.,)	(837289., 827056.,)
(837250., 826952.,)	(837260., 827018.,)	(837122., 826759.,)
(836960., 826608.,)	(837256., 826636.,)	(837003., 826611.,)
(838451., 828111.,)	(838402., 827919.,)	(838437., 827842.,)
(838073., 827793.,)	(838003., 827664.,)	(837697., 827390.,)
(837697., 827390.,)	(837782., 827402.,)	(838375., 827824.,)
(838008., 828042.,)	(838125., 828229.,)	(838230., 828063.,)
(838020., 827871.,)	(837117., 826709.,)	(837060., 826644.,)
(838375., 826598.,)	((

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	29	837572.6	827417.8	3982	203.0610	11.3652
2	29	837572.6	827417.8	4855	203.0592	11.3675
3	29	837572.6	827417.8	4854	203.0591	11.3677
4	29	837572.6	827417.8	4853	203.0588	11.3681
5	29	837572.6	827417.8	4851	203.0586	11.3683
6	29	837572.6	827417.8	4852	203.0583	11.3686
7	29	837572.6	827417.8	4856	203.0582	11.3688
8	29	837572.6	827417.8	4849	203.0580	11.3690
9	29	837572.6	827417.8	4848	203.0572	11.3701
10	29	837572.6	827417.8	4850	203.0570	11.3703
11	29	837572.6	827417.8	4847	203.0564	11.3711
12	29	837572.6	827417.8	4632	203.0556	11.3722
13	29	837572.6	827417.8	1067	197.8008	11.0550
14	29	837572.6	827417.8	1563	197.8778	11.0596
15	29	837572.6	827417.8	26	197.8776	11.0599
16	29	837572.6	827417.8	1562	197.8772	11.0605
17	29	837572.6	827417.8	1561	197.8771	11.0607
18	29	837572.6	827417.8	1564	197.8766	11.0613
19	29	837572.6	827417.8	1567	197.8762	11.0620
20	29	837572.6	827417.8	1560	197.8761	11.0622
21	29	837572.6	827417.8	1565	197.8758	11.0626
22	29	837572.6	827417.8	1566	197.8754	11.0633
23	29	837572.6	827417.8	1559	197.8752	11.0635
24	29	837572.6	827417.8	1568	197.8748	11.0641
25	29	837572.6	827417.8	1558	197.8742	11.0650
26	29	837572.6	827417.8	1569	197.8737	11.0656
27	29	837572.6	827417.8	8614	197.8737	11.0656
28	29	837572.6	827417.8	8669	197.8736	11.0658

29	29	837572.6	827417.8	8673	197.8736	11.0658
30	29	837572.6	827417.8	8742	197.8724	11.0675
31	29	837572.6	827417.8	8766	197.8724	11.0675
32	29	837572.6	827417.8	1611	197.8723	11.0677
33	29	837572.6	827417.8	1557	197.8721	11.0679
34	29	837572.6	827417.8	8456	197.8720	11.0681
35	29	837572.6	827417.8	1684	197.8712	11.0693
36	29	837572.6	827417.8	2213	197.8700	11.0709
37	29	837572.6	827417.8	2479	197.8699	11.0711
38	29	837572.6	827417.8	2478	197.8694	11.0717
39	29	837572.6	827417.8	2480	197.8694	11.0717
40	29	837572.6	827417.8	7539	197.8684	11.0731
41	29	837572.6	827417.8	6896	197.8674	11.0745
42	29	837572.6	827417.8	2599	197.8673	11.0747
43	29	837572.6	827417.8	6414	197.8673	11.0747
44	29	837572.6	827417.8	6893	197.8673	11.0747
45	29	837572.6	827417.8	6895	197.8673	11.0747
46	29	837572.6	827417.8	7965	197.8673	11.0747
47	29	837572.6	827417.8	6892	197.8671	11.0749
48	29	837572.6	827417.8	6894	197.8671	11.0749
49	29	837572.6	827417.8	6891	197.8670	11.0751
50	29	837572.6	827417.8	6889	197.8667	11.0755

HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	37.9341	6545.	2.0461	37.7515	324.	2.0057
2	837244.9	826703.4	36.8417	3977.	2.0821	36.8415	7817.	2.0850
3	837260.9	826747.7	32.8885	4936.	1.9275	32.1634	4934.	1.8056
4	837322.3	826789.9	28.7158	3035.	1.5652	27.9835	2371.	1.5230
5	837287.6	826830.0	36.1655	3732.	1.9320	36.1655	3733.	1.9320
6	837526.6	827106.9	50.8861	4916.	2.5721	50.8506	822.	2.5438
7	837566.2	827152.1	64.8908	8315.	3.2950	64.8907	884.	3.2955
8	837584.7	827099.9	41.2526	8315.	2.0428	41.2526	884.	2.0431
8	837636.5	827157.6	52.8707	1466.	2.7787	52.4867	8257.	2.1568
9	837682.1	827153.6	36.0963	1467.	1.8694	35.8530	8216.	1.6999
10	837645.6	827255.1	128.7170	656.	7.9099	128.7170	657.	7.9100
12	837702.2	827318.7	70.0542	7437.	3.4803	70.0530	716.	3.4851
13	837707.3	827196.1	70.3288	1779.	3.8864	69.8579	7135.	3.7056
14	837771.4	827137.9	33.3465	1090.	1.7394	33.3463	668.	1.7404
15	837815.5	827496.7	88.6212	3487.	3.2641	88.6207	3486.	3.2649
16	837914.3	827644.4	93.9241	5954.	4.9880	88.9840	2902.	4.9225
17	837974.7	827492.1	39.7166	2097.	2.0697	39.7161	2108.	2.0721
18	837985.3	827548.0	43.7596	3034.	2.2769	43.7595	2874.	2.2774
19	838033.3	827568.8	37.1689	3034.	1.9172	37.1688	2874.	1.9176
20	838165.7	827852.1	27.1336	5954.	1.2227	27.0906	2902.	1.3326
21	838286.8	827897.4	19.2415	2902.	0.8981	19.2413	2926.	0.8995
22	837964.9	827946.7	4.4152	3750.	0.1805	4.3453	8730.	0.2500
23	838634.8	828252.8	8.7943	8690.	0.0897	8.7943	2261.	0.0900
24	838632.2	828307.0	7.4562	8690.	0.0761	7.4561	2261.	0.0763
25	837816.9	827663.5	81.0616	5757.	3.7175	80.3575	1484.	4.0859
26	837941.1	827779.5	37.5504	6130.	1.8779	36.8247	2335.	1.8312
27	837526.9	827379.0	122.8414	2112.	6.5880	122.8413	428.	6.5881
28	837541.4	827394.8	139.8598	215.	7.4367	139.8490	8620.	7.4514
29	837572.6	827417.8	203.0610	3982.	11.3652	203.0592	4855.	11.3675
30	837288.9	827055.5	37.3312	393.	1.8702	37.3265	517.	1.8928
31	837250.2	826951.9	35.9763	1057.	1.7909	35.9763	1056.	1.7911
32	837259.5	827018.2	21.0023	1057.	0.9483	21.0023	1056.	0.9484
33	837122.0	826758.6	5.5068	3055.	0.2422	5.4854	1040.	0.2364
34	836960.3	826607.6	16.2234	1057.	0.7533	16.2234	1056.	0.7534
35	837256.0	826635.9	80.8750	8212.	3.9758	80.8659	4014.	3.9984
36	837002.9	826610.5	24.8713	1057.	1.2311	24.8713	1056.	1.2312
37	838451.0	828111.0	12.4789	2902.	0.5423	12.4787	2926.	0.5434
38	838402.0	827918.9	13.3051	2902.	0.6112	13.3050	2926.	0.6122
39	838436.8	827842.3	14.3881	269.	0.1404	14.3881	270.	0.1407
40	838073.1	827793.2	42.3003	5954.	2.1067	41.4076	2902.	2.1920
41	838002.5	827663.7	51.6799	5954.	2.6616	49.8882	2902.	2.7038
42	837696.7	827389.9	186.9851	4775.	9.1153	186.7683	656.	8.9685
43	837696.7	827389.9	186.9851	4775.	9.1153	186.7683	656.	8.9685
44	837781.6	827402.0	71.4792	3034.	3.9060	71.4791	2874.	3.9066
45	838374.7	827824.1	15.9338	267.	0.1566	15.9336	1543.	0.1615
46	838007.6	828041.7	3.8987	3750.	0.1569	3.8329	8730.	0.2207
47	838124.5	828228.9	3.8209	1794.	0.1559	3.8209	1699.	0.1564
48	838230.0	828063.0	19.1334	28.	0.1943	19.1334	1590.	0.1949
49	838020.0	827871.0	33.3334	2911.	0.3881	33.3334	2910.	0.3888
50	837117.0	826709.0	64.2958	6777.	3.3534	63.9895	620.	3.3175
51	837060.0	826644.0	41.5735	1057.	2.1810	41.5735	1056.	2.1812
52	838375.0	826598.0	6.7178	3487.	0.0691	6.7178	3486.	0.0692

TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	29	837572.6	827417.8	7584	121.1700	6.8428
2	42	837696.7	827389.9	6552	112.5798	6.1189
3	43	837696.7	827389.9	6552	112.5798	6.1189
4	42	837696.7	827389.9	8016	110.6355	5.9239
5	43	837696.7	827389.9	8016	110.6355	5.9239
6	29	837572.6	827417.8	1584	107.9851	6.0904
7	29	837572.6	827417.8	4872	103.3220	5.8153
8	42	837696.7	827389.9	4968	102.6700	5.2491
9	43	837696.7	827389.9	4968	102.6700	5.2491
10	29	837572.6	827417.8	6912	100.1374	5.7155

11	42	837696.7	827389.9	336	97.1097	5.2466
12	43	837696.7	827389.9	336	97.1097	5.2466
13	29	837572.6	827417.8	7608	95.4680	5.3124
14	29	837572.6	827417.8	4632	93.9580	5.3271
15	28	837541.4	827394.8	6912	91.8177	5.0995
16	29	837572.6	827417.8	7104	89.6424	5.2228
17	42	837696.7	827389.9	7056	88.6558	4.3957
18	43	837696.7	827389.9	7056	88.6558	4.3957
19	42	837696.7	827389.9	6528	87.5161	4.6363
20	43	837696.7	827389.9	6528	87.5161	4.6363
21	28	837541.4	827394.8	7584	87.0925	4.8001
22	42	837696.7	827389.9	6144	86.1919	4.1866
23	43	837696.7	827389.9	6144	86.1919	4.1866
24	27	837526.9	827379.0	6912	86.1561	4.7628
25	42	837696.7	827389.9	7080	85.7230	4.3930
26	43	837696.7	827389.9	7080	85.7230	4.3930
27	42	837696.7	827389.9	7992	84.3383	4.4229
28	43	837696.7	827389.9	7992	84.3383	4.4229
29	27	837526.9	827379.0	7584	83.1307	4.5547
30	42	837696.7	827389.9	3456	81.5984	4.3734
31	43	837696.7	827389.9	3456	81.5984	4.3734
32	29	837572.6	827417.8	4656	81.3877	4.7396
33	42	837696.7	827389.9	96	81.2960	4.1381
34	43	837696.7	827389.9	96	81.2960	4.1381
35	27	837526.9	827379.0	8520	81.1730	4.6055
36	27	837526.9	827379.0	2184	80.6610	4.6015
37	42	837696.7	827389.9	4992	80.1627	4.0083
38	43	837696.7	827389.9	4992	80.1627	4.0083
39	42	837696.7	827389.9	7824	80.0061	3.6411
40	43	837696.7	827389.9	7824	80.0061	3.6411
41	29	837572.6	827417.8	4848	80.0002	4.6407
42	28	837541.4	827394.8	8520	79.7710	4.5277
43	42	837696.7	827389.9	288	79.6975	3.9100
44	43	837696.7	827389.9	288	79.6975	3.9100
45	27	837526.9	827379.0	4872	79.5947	4.3967
46	28	837541.4	827394.8	2184	79.3585	4.5299
47	29	837572.6	827417.8	6840	79.0465	4.3342
48	28	837541.4	827394.8	6600	78.8767	4.4526
49	29	837572.6	827417.8	4728	78.8298	4.6274
50	42	837696.7	827389.9	8592	78.6926	4.0655

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HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	21.5133	6552.	1.0023	20.7106	888.	1.1256
2	837244.9	826703.4	16.2509	6552.	0.7573	15.4488	888.	0.8402
3	837260.9	826747.7	10.7405	4800.	0.4126	9.7456	3744.	0.4043
4	837322.3	826789.9	11.4863	4800.	0.4625	9.3798	840.	0.4814
5	837287.6	826830.0	25.3890	3744.	1.2258	24.6779	3768.	1.4088
6	837526.6	827106.9	24.3269	840.	1.3075	21.6128	6528.	0.9713
7	837566.2	827152.1	41.1716	6552.	2.0298	35.1594	8016.	1.6810
8	837584.7	827099.9	26.8408	6552.	1.2838	24.3504	8016.	1.1286
9	837636.5	827157.6	24.1493	6552.	1.1373	22.3032	888.	1.2321
10	837682.1	827153.6	18.1104	6552.	0.8419	16.6046	888.	0.9137
11	837645.6	827255.1	61.8946	6552.	3.1801	58.6540	8016.	2.8720
12	837702.2	827318.7	40.1039	6552.	2.0409	37.7638	8352.	1.5107
13	837707.3	827196.1	27.3165	432.	1.2524	26.4294	6552.	1.3159
14	837771.4	827137.9	17.9109	8352.	0.8172	15.0889	8328.	0.5873
15	837815.5	827496.7	41.7867	4968.	1.8135	41.0911	4944.	1.9958
16	837914.3	827644.4	33.0917	4992.	1.0814	25.6920	5208.	1.4374
17	837974.7	827492.1	14.4065	4968.	0.5097	11.6615	4944.	0.5246
18	837985.3	827548.0	10.3023	4968.	0.3845	9.6533	7080.	0.3437
19	838033.3	827568.8	6.3458	5880.	0.3289	6.2331	4392.	0.3305
20	838165.7	827852.1	9.2044	4992.	0.1549	7.0604	5208.	0.3540
21	838286.8	827897.4	6.8599	4992.	0.1039	5.0511	5808.	0.1275
22	837964.9	827946.7	2.6539	3768.	0.1268	2.2827	3744.	0.0944
23	838634.8	828252.8	3.4288	4992.	0.0472	2.5059	5808.	0.0590
24	838632.2	828307.0	2.9890	4992.	0.0428	2.2723	5208.	0.1014
25	837816.9	827663.5	47.3426	5016.	1.5079	43.4517	7632.	1.2431
26	837941.1	827779.5	20.5850	7632.	0.4552	16.4182	5016.	0.4333
27	837526.9	827379.0	86.1561	6912.	4.7628	83.1307	7584.	4.5547
28	837541.4	827394.8	91.8177	6912.	5.0995	87.0925	7584.	4.8001
29	837572.6	827417.8	121.1700	7584.	6.8428	107.9851	1584.	6.0904
30	837288.9	827055.5	19.1085	528.	1.1155	17.1034	6384.	1.0337
31	837250.2	826951.9	15.9606	4800.	0.6947	15.5751	528.	0.8991
32	837259.5	827018.2	10.9495	528.	0.6106	8.6568	1944.	0.4360
33	837122.0	826758.6	2.2892	528.	0.1154	2.2705	6360.	0.1385
34	836960.3	826607.6	8.4382	528.	0.4749	6.6388	1944.	0.3400
35	837256.0	826635.9	39.4465	7992.	1.8753	38.5572	8016.	1.9636
36	837002.9	826610.5	11.8452	528.	0.6821	9.6085	1944.	0.5113
37	838451.0	828111.0	4.9189	4992.	0.0720	3.6686	5808.	0.0936
38	838402.0	827918.9	4.8461	4992.	0.0707	3.5047	5808.	0.0831
39	838436.8	827842.3	2.9893	288.	0.0293	2.9835	1560.	0.0302
40	838073.1	827793.2	12.8159	4992.	0.2512	10.8678	5208.	0.5614
41	838002.5	827663.7	15.5098	4992.	0.3581	13.9826	5880.	0.7333
42	837696.7	827389.9	112.5798	6552.	6.1189	110.6355	8016.	5.9239
43	837696.7	827389.9	112.5798	6552.	6.1189	110.6355	8016.	5.9239
44	837781.6	827402.0	40.9782	8328.	1.9502	38.7781	8568.	2.0349
45	838374.7	827824.1	3.5083	5880.	0.1608	3.3514	4992.	0.0528
46	838007.6	828041.7	2.3239	3768.	0.1109	1.9857	3744.	0.0803
47	838124.5	828228.9	1.9206	3792.	0.1657	1.8683	5160.	0.1487
48	838230.0	828063.0	8.3555	7656.	0.1168	8.1740	7824.	0.1081
49	838020.0	827871.0	15.9404	7632.	0.3171	14.2736	7656.	0.2401
50	837117.0	826709.0	29.7718	3888.	1.4521	29.2266	7800.	1.3531
51	837060.0	826644.0	19.3325	528.	1.1421	16.0005	1944.	0.8841
52	838375.0	826598.0	2.3964	2832.	0.0256	2.3959	6096.	0.0261

DATE AT END OF RUN: 06/18/98 TIME AT END OF RUN: 13:51:57.44

ELAPSED TIME FOR THIS RUN: 0.63093E+03 SECONDS
OR 0 HOURS 10 MINUTES 30.93 SECONDS

2	0.000000000	0.00000	0.000	837764.	827536.	837680.	827426.	7.50	17.00
2	0.001350000	0.15558	0.000	837680.	827426.	837615.	827331.	7.50	17.00
2	0.000000000	0.00000	0.000	837615.	827331.	837548.	827239.	7.50	17.00
2	0.000000000	0.00000	0.000	837548.	827239.	837480.	827145.	7.50	17.00
2	0.000000000	0.00000	0.000	837480.	827145.	837422.	827065.	7.50	17.00
2	0.000000000	0.00000	0.000	837422.	827065.	837362.	826983.	7.50	17.00
2	0.000000000	0.00000	0.000	837362.	826983.	837296.	826894.	7.50	17.00
2	0.000000000	0.00000	0.000	837296.	826894.	837243.	826805.	7.50	17.00
2	0.000000000	0.00000	0.000	837243.	826805.	837210.	826706.	7.50	17.00
2	0.000000000	0.00000	0.000	837210.	826706.	837225.	826608.	7.50	17.00
2	0.001030000	0.08082	0.000	837531.	827274.	837592.	827224.	13.50	8.00
2	0.001030000	0.00669	0.000	837561.	827309.	837566.	827314.	13.50	8.00
2	0.000836000	0.09040	0.000	837566.	827314.	837630.	827401.	7.50	6.00
2	0.000836000	0.02997	0.000	837630.	827401.	837660.	827382.	7.50	6.00
2	0.000836000	0.08595	0.000	837660.	827382.	837606.	827295.	7.50	6.00

TOTAL EMISSIONS 0.76062E+00 GRAMS/SEC

SHORT DISTANCE (5.000 M) MASS CONSERVATION CORRECTION FACTORS USED

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.76070E+00 GRAMS/SEC

(837231., 826661., 0.859)	(837245., 826703., 0.949)	(837261., 826748., 1.061)
(837322., 826790., 1.249)	(837288., 826830., 1.325)	(837527., 827107., 5.752)
(837566., 827152., 9.018)	(837585., 827100., 5.490)	(837637., 827158., 6.110)
(837682., 827154., 4.447)	(837646., 827255., 20.353)	(837702., 827319., 13.115)
(837707., 827196., 7.470)	(837771., 827138., 3.738)	(837816., 827497., 7.871)
(837914., 827644., 11.953)	(837975., 827492., 2.876)	(837985., 827548., 4.045)
(838033., 827569., 3.628)	(838166., 827852., 3.838)	(838287., 827897., 7.863)
(837965., 827947., 0.299)	(838635., 828253., 0.597)	(838632., 828307., 0.663)
(837817., 827664., 6.990)	(837941., 827780., 10.460)	(837527., 827379., 30.127)
(837541., 827395., 29.973)	(837573., 827418., 30.172)	(837289., 827056., 2.549)
(837250., 826952., 1.837)	(837260., 827018., 1.509)	(837122., 826759., 0.378)
(836960., 826608., 0.600)	(837256., 826636., 1.012)	(837003., 826611., 0.700)
(838451., 828111., 2.222)	(838402., 827919., 3.291)	(838437., 827842., 1.639)
(838073., 827793., 5.378)	(838003., 827664., 13.181)	(837697., 827390., 30.391)
(837697., 827390., 30.391)	(837782., 827402., 6.265)	(838375., 827824., 2.772)
(838008., 828042., 0.321)	(838125., 828229., 0.284)	(838230., 828063., 4.585)
(838020., 827871., 7.595)	(837117., 826709., 1.019)	(837060., 826644., 0.848)
(838375., 826598., 0.381)		

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC

(837231., 826661.,)	(837245., 826703.,)	(837261., 826748.,)
(837322., 826790.,)	(837288., 826830.,)	(837527., 827107.,)
(837566., 827152.,)	(837585., 827100.,)	(837637., 827158.,)
(837682., 827154.,)	(837646., 827255.,)	(837702., 827319.,)
(837707., 827196.,)	(837771., 827138.,)	(837816., 827497.,)
(837914., 827644.,)	(837975., 827492.,)	(837985., 827548.,)
(838033., 827569.,)	(838166., 827852.,)	(838287., 827897.,)
(837965., 827947.,)	(838635., 828253.,)	(838632., 828307.,)
(837817., 827664.,)	(837941., 827780.,)	(837527., 827379.,)
(837541., 827395.,)	(837573., 827418.,)	(837289., 827056.,)
(837250., 826952.,)	(837260., 827018.,)	(837122., 826759.,)
(836960., 826608.,)	(837256., 826636.,)	(837003., 826611.,)
(838451., 828111.,)	(838402., 827919.,)	(838437., 827842.,)
(838073., 827793.,)	(838003., 827664.,)	(837697., 827390.,)
(837697., 827390.,)	(837782., 827402.,)	(838375., 827824.,)
(838008., 828042.,)	(838125., 828229.,)	(838230., 828063.,)
(838020., 827871.,)	(837117., 826709.,)	(837060., 826644.,)
(838375., 826598.,)		

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

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TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	42	837696.7	827389.9	4775	368.2603	18.1459
2	43	837696.7	827389.9	4775	368.2603	18.1459
3	42	837696.7	827389.9	656	368.0198	17.8761
4	43	837696.7	827389.9	656	368.0198	17.8761
5	42	837696.7	827389.9	657	368.0194	17.8768
6	43	837696.7	827389.9	657	368.0194	17.8768
7	42	837696.7	827389.9	1229	368.0137	17.8865
8	43	837696.7	827389.9	1229	368.0137	17.8865
9	42	837696.7	827389.9	1540	367.9965	17.9157
10	43	837696.7	827389.9	1540	367.9965	17.9157
11	42	837696.7	827389.9	7442	367.9947	17.9187
12	43	837696.7	827389.9	7442	367.9947	17.9187
13	42	837696.7	827389.9	7443	367.9947	17.9187
14	43	837696.7	827389.9	7443	367.9947	17.9187
15	42	837696.7	827389.9	7445	367.9939	17.9200
16	43	837696.7	827389.9	7445	367.9939	17.9200
17	42	837696.7	827389.9	7446	367.9928	17.9218
18	43	837696.7	827389.9	7446	367.9928	17.9218
19	42	837696.7	827389.9	7444	367.9924	17.9224
20	43	837696.7	827389.9	7444	367.9924	17.9224
21	42	837696.7	827389.9	7447	367.9905	17.9255
22	43	837696.7	827389.9	7447	367.9905	17.9255
23	42	837696.7	827389.9	2453	367.9721	17.9547
24	43	837696.7	827389.9	2453	367.9721	17.9547
25	42	837696.7	827389.9	2648	367.9688	17.9598
26	43	837696.7	827389.9	2648	367.9688	17.9598
27	42	837696.7	827389.9	3124	367.9658	17.9642
28	43	837696.7	827389.9	3124	367.9658	17.9642

29	42	837696.7	827389.9	3125	367.9655	17.9647
30	43	837696.7	827389.9	3125	367.9655	17.9647
31	42	837696.7	827389.9	2864	367.9644	17.9664
32	43	837696.7	827389.9	2864	367.9644	17.9664
33	42	837696.7	827389.9	3126	367.9640	17.9669
34	43	837696.7	827389.9	3126	367.9640	17.9669
35	42	837696.7	827389.9	5262	367.9622	17.9696
36	43	837696.7	827389.9	5262	367.9622	17.9696
37	42	837696.7	827389.9	5263	367.9607	17.9718
38	43	837696.7	827389.9	5263	367.9607	17.9718
39	42	837696.7	827389.9	5928	367.9504	17.9864
40	43	837696.7	827389.9	5928	367.9504	17.9864
41	42	837696.7	827389.9	5926	367.9493	17.9879
42	43	837696.7	827389.9	5926	367.9493	17.9879
43	42	837696.7	827389.9	5927	367.9479	17.9900
44	43	837696.7	827389.9	5927	367.9479	17.9900
45	42	837696.7	827389.9	631	358.0703	17.0562
46	43	837696.7	827389.9	631	358.0703	17.0562
47	42	837696.7	827389.9	726	358.0515	17.0882
48	43	837696.7	827389.9	726	358.0515	17.0882
49	42	837696.7	827389.9	725	358.0511	17.0888
50	43	837696.7	827389.9	725	358.0511	17.0888

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HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	13.1417	632.	0.1315	13.1416	625.	0.1321
2	837244.9	826703.4	14.1859	118.	0.5892	14.1801	7247.	0.5802
3	837260.9	826747.7	15.2966	118.	0.6485	15.2925	7247.	0.6392
4	837322.3	826789.9	17.3467	118.	0.7466	17.3457	7247.	0.7367
5	837287.6	826830.0	17.5096	80.	0.1913	16.5201	7247.	0.7145
6	837526.6	827106.9	57.4221	4916.	2.8935	57.3272	822.	2.8587
7	837566.2	827152.1	73.2733	8315.	3.7017	73.2732	884.	3.7022
8	837584.7	827099.9	48.1127	8315.	2.3785	48.1126	884.	2.3789
9	837636.5	827157.6	52.8707	1466.	2.7787	52.4867	8257.	2.1568
10	837682.1	827153.6	40.4851	6553.	1.9782	39.9713	1017.	1.9353
11	837645.6	827255.1	134.4472	935.	6.6177	134.4420	91.	6.6384
12	837702.2	827318.7	124.8798	597.	6.6140	124.8677	8372.	6.6893
13	837707.3	827196.1	74.9253	8143.	3.9689	74.9244	6555.	3.9733
14	837771.4	827137.9	49.3854	1090.	2.5768	49.3851	668.	2.5782
15	837815.5	827496.7	86.6244	3487.	3.1903	86.6240	3486.	3.1911
16	837914.3	827644.4	128.8452	8233.	6.3135	128.8323	2495.	6.3451
17	837974.7	827492.1	37.2242	3034.	1.9258	37.2241	2874.	1.9262
18	837985.3	827548.0	33.3076	3927.	1.7118	33.3073	3062.	1.7132
19	838033.3	827568.8	31.8939	8298.	1.6811	31.8922	6678.	1.6904
20	838165.7	827852.1	43.0588	3927.	2.2447	43.0584	3062.	2.2464
21	838286.8	827897.4	55.7850	6249.	2.7778	55.6765	1083.	2.7491
22	837964.9	827946.7	3.5212	2369.	0.1806	3.5212	4743.	0.1811
23	838634.8	828252.8	19.0249	2902.	0.8634	19.0247	2926.	0.8649
24	838632.2	828307.0	15.6425	2902.	0.6957	15.6424	2926.	0.6970
25	837816.9	827663.5	56.1150	5757.	2.6032	55.7615	5758.	2.8141
26	837941.1	827779.5	53.4526	6714.	2.9665	53.4384	1507.	2.9510
27	837526.9	827379.0	200.5923	1392.	10.7986	200.5906	8455.	10.8014
28	837541.4	827394.8	222.8237	215.	11.6622	222.8053	8620.	11.6867
29	837572.6	827417.8	298.3138	3982.	16.4632	298.3109	4855.	16.4667
30	837288.9	827055.5	36.0043	245.	1.5465	35.9609	190.	1.7079
31	837250.2	826951.9	25.8812	8237.	1.1380	25.8782	6438.	1.1578
32	837259.5	827018.2	19.0635	1057.	0.8560	19.0635	1056.	0.8560
33	837122.0	826758.6	5.0660	3055.	0.2184	5.0002	1040.	0.2114
34	836960.3	826607.6	10.1470	8281.	0.1013	10.1469	148.	0.1019
35	837256.0	826635.9	19.1981	7277.	0.8562	19.1681	7247.	0.8802
36	837002.9	826610.5	13.1496	8281.	0.1319	13.1496	148.	0.1326
37	838451.0	828111.0	66.5706	5954.	3.3970	63.3101	2902.	3.3879
38	838402.0	827918.9	58.6045	7437.	3.0966	58.6037	716.	3.1000
39	838436.8	827842.3	32.9364	8307.	1.7043	31.8803	8257.	1.4114
40	838073.1	827793.2	170.2884	631.	7.9564	170.2785	726.	7.9722
41	838002.5	827663.7	83.6798	7230.	4.3078	83.6399	8548.	4.1722
42	837696.7	827389.9	368.2603	4775.	18.1459	368.0198	656.	17.8761
43	837696.7	827389.9	368.2603	4775.	18.1459	368.0198	656.	17.8761
44	837781.6	827402.0	129.2830	261.	6.5434	129.2668	3129.	6.6062
45	838374.7	827824.1	35.5489	8568.	1.7854	35.4505	8311.	1.7320
46	838007.6	828041.7	3.6467	4483.	0.1599	3.5285	2369.	0.1814
47	838124.5	828228.9	3.2899	1794.	0.1376	3.2899	1699.	0.1380
48	838230.0	828063.0	58.8172	2015.	2.9146	58.8130	7101.	2.9245
49	838020.0	827871.0	86.3303	5167.	4.3154	86.3298	4469.	4.3166
50	837117.0	826709.0	20.6986	8237.	0.9023	20.6963	6438.	0.9183
51	837060.0	826644.0	17.3166	8237.	0.7240	17.3146	6438.	0.7381
52	838375.0	826598.0	7.0446	7752.	0.0722	7.0170	3487.	0.0721

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TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	42	837696.7	827389.9	4968	189.9880	9.8565
2	43	837696.7	827389.9	4968	189.9880	9.8565
3	29	837572.6	827417.8	7584	188.7259	10.5370
4	29	837572.6	827417.8	6912	162.2446	9.1042
5	42	837696.7	827389.9	7080	151.3714	7.7496
6	43	837696.7	827389.9	7080	151.3714	7.7496
7	28	837541.4	827394.8	6912	147.7267	8.0818
8	29	837572.6	827417.8	1584	145.4947	8.1044
9	29	837572.6	827417.8	7608	141.7075	7.9445
10	29	837572.6	827417.8	4632	141.1753	7.9744

11	28	837541.4	827394.8	7584	140.6400	7.6506
12	42	837696.7	827389.9	4944	138.6150	7.4548
13	43	837696.7	827389.9	4944	138.6150	7.4548
14	27	837526.9	827379.0	6912	136.4535	7.4263
15	29	837572.6	827417.8	4656	132.3242	7.6146
16	29	837572.6	827417.8	4872	130.9710	7.3390
17	28	837541.4	827394.8	2184	124.2843	7.0912
18	42	837696.7	827389.9	7056	124.2482	6.5408
19	43	837696.7	827389.9	7056	124.2482	6.5408
20	27	837526.9	827379.0	2184	122.7248	6.9960
21	42	837696.7	827389.9	7464	122.5876	6.0878
22	43	837696.7	827389.9	7464	122.5876	6.0878
23	28	837541.4	827394.8	6936	120.4143	6.5802
24	28	837541.4	827394.8	6600	119.7664	6.7043
25	42	837696.7	827389.9	7032	118.4862	6.2021
26	43	837696.7	827389.9	7032	118.4862	6.2021
27	29	837572.6	827417.8	4848	117.6158	6.7489
28	27	837526.9	827379.0	4872	116.9973	6.3858
29	28	837541.4	827394.8	4872	113.4289	6.2262
30	42	837696.7	827389.9	8352	112.9354	5.8507
31	43	837696.7	827389.9	8352	112.9354	5.8507
32	42	837696.7	827389.9	288	112.4811	5.3616
33	43	837696.7	827389.9	288	112.4811	5.3616
34	27	837526.9	827379.0	6600	112.1287	6.2560
35	42	837696.7	827389.9	5472	111.9547	5.5807
36	43	837696.7	827389.9	5472	111.9547	5.5807
37	29	837572.6	827417.8	7104	109.9577	6.4062
38	28	837541.4	827394.8	1584	109.5574	6.0746
39	29	837572.6	827417.8	4728	108.6390	6.4190
40	27	837526.9	827379.0	6936	107.3999	5.8276
41	27	837526.9	827379.0	8520	107.3247	6.1479
42	27	837526.9	827379.0	7584	107.0286	5.8220
43	28	837541.4	827394.8	7608	105.8243	5.7932
44	28	837541.4	827394.8	7560	104.1456	5.6835
45	29	837572.6	827417.8	2184	103.9532	5.9495
46	28	837541.4	827394.8	8520	103.8188	5.9696
47	42	837696.7	827389.9	5784	103.7881	5.4149
48	43	837696.7	827389.9	5784	103.7881	5.4149
49	29	837572.6	827417.8	7560	103.6070	5.7864
50	27	837526.9	827379.0	8760	103.1266	5.6537

HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	6.1878	4800.	0.2108	5.5598	4824.	0.0911
2	837244.9	826703.4	6.7906	4800.	0.2367	5.9512	4824.	0.1002
3	837260.9	826747.7	7.4889	4800.	0.2677	6.3632	4824.	0.1109
4	837322.3	826789.9	8.5847	4800.	0.3139	7.2210	4824.	0.1319
5	837287.6	826830.0	8.8602	4800.	0.3340	7.2272	6456.	0.4106
6	837526.6	827106.9	27.4002	840.	1.4688	24.0186	6528.	1.0777
7	837566.2	827152.1	44.8016	6552.	2.1993	38.7307	888.	2.1787
8	837584.7	827099.9	29.9344	6552.	1.4308	27.2848	888.	1.5185
9	837636.5	827157.6	29.2997	6552.	1.3898	26.8931	888.	1.4830
10	837682.1	827153.6	21.3960	6552.	1.0168	18.8178	8016.	0.8461
11	837645.6	827255.1	88.2955	6552.	4.5913	87.4333	8016.	4.2609
12	837702.2	827318.7	64.4598	8352.	2.5014	54.0055	8328.	2.2683
13	837707.3	827196.1	35.4383	8568.	1.6596	30.0448	96.	1.3967
14	837771.4	827137.9	18.0295	8568.	0.7683	17.9896	8352.	0.8197
15	837815.5	827496.7	33.8681	6096.	1.3779	33.2284	2832.	1.3222
16	837914.3	827644.4	53.6211	4824.	2.4297	53.4209	4800.	2.7403
17	837974.7	827492.1	12.5166	6552.	0.6073	11.8432	8016.	0.5427
18	837985.3	827548.0	18.4146	6552.	0.9283	17.5410	8016.	0.8326
19	838033.3	827568.8	15.0347	6552.	0.7805	14.8571	8016.	0.7104
20	838165.7	827852.1	13.0292	8256.	0.7057	11.9106	3744.	0.5961
21	838286.8	827897.4	36.4134	6552.	1.8689	31.7272	8016.	1.5713
22	837964.9	827946.7	1.9625	3768.	0.0952	1.6912	3744.	0.0717
23	838634.8	828252.8	7.0473	4992.	0.1139	5.1735	5808.	0.1340
24	838632.2	828307.0	6.1873	4992.	0.1047	4.8887	5208.	0.2397
25	837816.9	827663.5	31.7236	5016.	0.9810	31.3112	7632.	0.9019
26	837941.1	827779.5	48.8111	2184.	2.6728	33.6964	2208.	1.8464
27	837526.9	827379.0	136.4535	6912.	7.4263	122.7248	2184.	6.9960
28	837541.4	827394.8	147.7267	6912.	8.0818	140.6400	7584.	7.6506
29	837572.6	827417.8	188.7259	7584.	10.5370	162.2446	6912.	9.1042
30	837288.9	827055.5	13.3850	528.	0.7722	11.3574	8256.	0.5405
31	837250.2	826951.9	10.8451	8256.	0.5065	9.6409	7320.	0.4185
32	837259.5	827018.2	8.3652	528.	0.4634	6.8807	1944.	0.3464
33	837122.0	826758.6	2.0382	528.	0.1013	1.9217	6360.	0.1160
34	836960.3	826607.6	3.7266	8256.	0.1489	3.5321	7320.	0.1294
35	837256.0	826635.9	7.2621	4800.	0.2576	6.8248	4824.	0.1125
36	837002.9	826610.5	4.5884	8256.	0.1900	4.1719	7320.	0.1481
37	838451.0	828111.0	25.0525	4992.	0.8316	17.7711	5808.	0.6980
38	838402.0	827918.9	29.9314	8352.	1.3394	18.7864	6888.	0.8490
39	838436.8	827842.3	11.2433	6096.	0.4383	11.1380	2832.	0.4296
40	838073.1	827793.2	34.1744	7464.	1.6574	31.0421	5928.	1.6100
41	838002.5	827663.7	52.7657	8016.	2.8035	48.5743	96.	2.4822
42	837696.7	827389.9	189.9880	4968.	9.8565	151.3714	7080.	7.7496
43	837696.7	827389.9	189.9880	4968.	9.8565	151.3714	7080.	7.7496
44	837781.6	827402.0	40.8921	7080.	1.8542	37.9592	4968.	1.8179
45	838374.7	827824.1	15.8118	8568.	0.7815	12.2992	7992.	0.5837
46	838007.6	828041.7	1.8346	3768.	0.0893	1.5653	3744.	0.0655
47	838124.5	828228.9	1.8316	3768.	0.0892	1.7324	5160.	0.1374
48	838230.0	828063.0	32.7976	7584.	1.4844	28.1579	4632.	1.3548
49	838020.0	827871.0	41.7227	4488.	2.2599	37.7529	4464.	2.1815
50	837117.0	826709.0	6.8298	8256.	0.3012	6.2990	6456.	0.3520
51	837060.0	826644.0	5.7107	8256.	0.2459	5.2514	6456.	0.2893
52	838375.0	826598.0	2.3247	2832.	0.0255	2.3140	6096.	0.0253

DATE AT END OF RUN: 06/18/98 TIME AT END OF RUN: 14:04:34.04

ELAPSED TIME FOR THIS RUN: 0.64796E+03 SECONDS
OR 0 HOURS 10 MINUTES 47.96 SECONDS

2	0.000000000	0.00000	0.000	837764.	827536.	837680.	827426.	7.50	17.00
2	0.000000000	0.00000	0.000	837680.	827426.	837615.	827331.	7.50	17.00
2	0.000000000	0.00000	0.000	837615.	827331.	837548.	827219.	7.50	17.00
2	0.001350000	0.15744	0.000	837548.	827239.	837480.	827145.	7.50	17.00
2	0.000000000	0.00000	0.000	837480.	827145.	837422.	827065.	7.50	17.00
2	0.000000000	0.00000	0.000	837422.	827065.	837362.	826983.	7.50	17.00
2	0.000000000	0.00000	0.000	837362.	826983.	837296.	826894.	7.50	17.00
2	0.001350000	0.14022	0.000	837296.	826894.	837243.	826805.	7.50	17.00
2	0.000000000	0.00000	0.000	837243.	826805.	837210.	826706.	7.50	17.00
2	0.000000000	0.00000	0.000	837210.	826706.	837225.	826608.	7.50	17.00
2	0.001030000	0.08082	0.000	837531.	827274.	837592.	827224.	13.50	8.00
2	0.001030000	0.00669	0.000	837561.	827309.	837566.	827314.	13.50	8.00
2	0.000836000	0.09040	0.000	837566.	827314.	837630.	827401.	7.50	6.00
2	0.000836000	0.02997	0.000	837630.	827401.	837660.	827382.	7.50	6.00
2	0.000836000	0.08595	0.000	837660.	827382.	837606.	827295.	7.50	6.00

TOTAL EMISSIONS 0.76998E+00 GRAMS/SEC

SHORT DISTANCE (5,000 M) MASS CONSERVATION CORRECTION FACTORS USED

1

8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.77003E+00 GRAMS/SEC

(837231., 826661., 2.768)	(837245., 826703., 3.461)	(837261., 826748., 4.284)
(837322., 826790., 2.891)	(837288., 826830., 3.818)	(837527., 827107., 8.046)
(837566., 827152., 9.436)	(837585., 827100., 6.060)	(837637., 827158., 5.471)
(837682., 827154., 3.844)	(837646., 827255., 15.551)	(837702., 827319., 9.514)
(837707., 827196., 6.042)	(837771., 827138., 3.283)	(837816., 827497., 14.464)
(837914., 827644., 4.493)	(837975., 827492., 1.572)	(837985., 827548., 1.453)
(838033., 827569., 1.033)	(838166., 827852., 0.967)	(838287., 827897., 0.595)
(837965., 827947., 0.249)	(838635., 828253., 0.283)	(838632., 828307., 0.297)
(837817., 827664., 6.566)	(837941., 827780., 2.862)	(837527., 827379., 23.149)
(837541., 827395., 22.446)	(837573., 827418., 22.104)	(837289., 827056., 4.571)
(837250., 826952., 4.186)	(837260., 827018., 2.286)	(837122., 826759., 0.610)
(836960., 826608., 1.309)	(837256., 826636., 4.225)	(837003., 826611., 1.742)
(838451., 828111., 0.449)	(838402., 827919., 0.408)	(838437., 827842., 0.296)
(838073., 827793., 1.585)	(838003., 827664., 1.788)	(837697., 827390., 16.500)
(837697., 827390., 16.500)	(837782., 827402., 8.997)	(838375., 827824., 0.360)
(838008., 828042., 0.242)	(838125., 828229., 0.228)	(838230., 828063., 0.876)
(838020., 827871., 2.013)	(837117., 826709., 4.470)	(837060., 826644., 2.655)
(838375., 826598., 0.306)	((

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC

(837231., 826661.,)	(837245., 826703.,)	(837261., 826748.,)
(837322., 826790.,)	(837288., 826830.,)	(837527., 827107.,)
(837566., 827152.,)	(837585., 827100.,)	(837637., 827158.,)
(837682., 827154.,)	(837646., 827255.,)	(837702., 827319.,)
(837707., 827196.,)	(837771., 827138.,)	(837816., 827497.,)
(837914., 827644.,)	(837975., 827492.,)	(837985., 827548.,)
(838033., 827569.,)	(838166., 827852.,)	(838287., 827897.,)
(837965., 827947.,)	(838635., 828253.,)	(838632., 828307.,)
(837817., 827664.,)	(837941., 827780.,)	(837527., 827379.,)
(837541., 827395.,)	(837573., 827418.,)	(837289., 827056.,)
(837250., 826952.,)	(837260., 827018.,)	(837122., 826759.,)
(836960., 826608.,)	(837256., 826636.,)	(837003., 826611.,)
(838451., 828111.,)	(838402., 827919.,)	(838437., 827842.,)
(838073., 827793.,)	(838003., 827664.,)	(837697., 827390.,)
(837697., 827390.,)	(837782., 827402.,)	(838375., 827824.,)
(838008., 828042.,)	(838125., 828229.,)	(838230., 828063.,)
(838020., 827871.,)	(837117., 826709.,)	(837060., 826644.,)
(838375., 826598.,)	((

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

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TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	29	837572.6	827417.8	3982	203.0560	11.3649
2	29	837572.6	827417.8	4855	203.0543	11.3672
3	29	837572.6	827417.8	4854	203.0542	11.3674
4	29	837572.6	827417.8	4853	203.0538	11.3678
5	29	837572.6	827417.8	4851	203.0537	11.3680
6	29	837572.6	827417.8	4852	203.0534	11.3684
7	29	837572.6	827417.8	4856	203.0533	11.3686
8	29	837572.6	827417.8	4849	203.0531	11.3688
9	29	837572.6	827417.8	4848	203.0522	11.3699
10	29	837572.6	827417.8	4850	203.0521	11.3701
11	29	837572.6	827417.8	4847	203.0515	11.3708
12	29	837572.6	827417.8	4632	203.0506	11.3719
13	29	837572.6	827417.8	1067	197.8706	11.0545
14	29	837572.6	827417.8	1563	197.8675	11.0591
15	29	837572.6	827417.8	26	197.8673	11.0594
16	29	837572.6	827417.8	1562	197.8670	11.0600
17	29	837572.6	827417.8	1561	197.8668	11.0602
18	29	837572.6	827417.8	1564	197.8663	11.0608
19	29	837572.6	827417.8	1567	197.8659	11.0615
20	29	837572.6	827417.8	1560	197.8658	11.0617
21	29	837572.6	827417.8	1565	197.8655	11.0621
22	29	837572.6	827417.8	1566	197.8651	11.0627
23	29	837572.6	827417.8	1559	197.8649	11.0629
24	29	837572.6	827417.8	1568	197.8645	11.0636
25	29	837572.6	827417.8	1558	197.8639	11.0644
26	29	837572.6	827417.8	1569	197.8635	11.0651
27	29	837572.6	827417.8	8614	197.8635	11.0651
28	29	837572.6	827417.8	8669	197.8633	11.0653

29	29	837572.6	827417.8	8673	197.8633	11.0653
30	29	837572.6	827417.8	8742	197.8622	11.0669
31	29	837572.6	827417.8	8766	197.8622	11.0669
32	29	837572.6	827417.8	1611	197.8620	11.0671
33	29	837572.6	827417.8	1557	197.8619	11.0673
34	29	837572.6	827417.8	8456	197.8618	11.0675
35	29	837572.6	827417.8	1684	197.8609	11.0688
36	29	837572.6	827417.8	2213	197.8597	11.0704
37	29	837572.6	827417.8	2479	197.8596	11.0706
38	29	837572.6	827417.8	2478	197.8591	11.0712
39	29	837572.6	827417.8	2480	197.8591	11.0712
40	29	837572.6	827417.8	7539	197.8582	11.0726
41	29	837572.6	827417.8	6896	197.8571	11.0740
42	29	837572.6	827417.8	2599	197.8570	11.0742
43	29	837572.6	827417.8	6414	197.8570	11.0742
44	29	837572.6	827417.8	6893	197.8570	11.0742
45	29	837572.6	827417.8	6895	197.8570	11.0742
46	29	837572.6	827417.8	7965	197.8570	11.0742
47	29	837572.6	827417.8	6892	197.8568	11.0744
48	29	837572.6	827417.8	6894	197.8568	11.0744
49	29	837572.6	827417.8	6891	197.8567	11.0745
50	29	837572.6	827417.8	6889	197.8564	11.0749

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HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	26.5826	822.	1.2589	26.5817	790.	1.2630
2	837244.9	826703.4	29.2630	8315.	1.3960	29.2630	884.	1.3962
3	837260.9	826747.7	36.1623	8125.	1.9163	36.1623	8126.	1.9163
4	837322.3	826789.9	28.8931	5780.	1.5717	28.8139	598.	1.5350
5	837287.6	826830.0	32.7473	8415.	1.9096	32.7468	5778.	1.9255
6	837526.6	827106.9	54.7462	8315.	2.7129	54.7462	884.	2.7134
7	837566.2	827152.1	61.4312	8315.	3.1236	61.4311	884.	3.1241
8	837584.7	827099.9	41.6618	8013.	2.1134	41.6612	6551.	2.1162
9	837636.5	827157.6	53.6017	1466.	2.8071	53.1965	8257.	2.1718
10	837682.1	827153.6	36.9672	1467.	1.9033	36.7059	8216.	1.7270
11	837645.6	827255.1	164.9578	631.	8.8454	164.9540	726.	8.8564
12	837702.2	827318.7	72.2853	4776.	3.1091	72.2849	3285.	3.1096
13	837707.3	827196.1	77.3544	7135.	3.9381	76.5381	1779.	4.0842
14	837771.4	827137.9	36.2877	3995.	1.9662	36.2877	3996.	1.9663
15	837815.5	827496.7	137.1270	8257.	5.8246	135.6472	3487.	4.9946
16	837914.3	827644.4	114.8449	5952.	5.6688	114.5389	5761.	5.7928
17	837974.7	827492.1	37.2719	8635.	1.9666	37.2719	8636.	1.9668
18	837985.3	827548.0	40.0586	4941.	2.1270	40.0585	4940.	2.1274
19	838033.3	827568.8	31.1741	7052.	1.6427	31.1740	7066.	1.6433
20	838165.7	827852.1	27.5728	5954.	1.2601	27.4638	2902.	1.3645
21	838286.8	827897.4	18.3057	2902.	0.8555	18.3055	2926.	0.8569
22	837964.9	827946.7	4.2510	4411.	0.1819	4.2510	4481.	0.1821
23	838634.8	828252.8	8.7413	8690.	0.0892	8.7412	2261.	0.0895
24	838632.2	828307.0	7.4738	8690.	0.0762	7.4738	2261.	0.0765
25	837816.9	827663.5	79.9736	1316.	4.0958	79.9725	2297.	4.1013
26	837941.1	827779.5	41.6685	6130.	2.0985	40.6874	2335.	2.0374
27	837526.9	827379.0	122.0021	2112.	6.5490	122.0021	428.	6.5492
28	837541.4	827394.8	139.7997	215.	7.4340	139.7889	8620.	7.4487
29	837572.6	827417.8	203.0560	3982.	11.3649	203.0543	4855.	11.3672
30	837288.9	827055.5	40.7774	1057.	2.0519	40.7774	1056.	2.0521
31	837250.2	826951.9	41.5472	2380.	2.1043	41.5471	1412.	2.1046
32	837259.5	827018.2	22.6558	1057.	1.0282	22.6558	1056.	1.0283
33	837122.0	826758.6	6.0470	8630.	0.3165	6.0045	8581.	0.3124
34	836960.3	826607.6	15.6268	1057.	0.7225	15.6268	1056.	0.7226
35	837256.0	826635.9	44.1060	128.	2.0873	40.8630	195.	2.0031
36	837002.9	826610.5	21.1497	244.	0.9182	21.1494	124.	0.9203
37	838451.0	828111.0	12.7049	2902.	0.5580	12.7048	2926.	0.5591
38	838402.0	827918.9	12.6992	267.	0.1249	12.6990	1543.	0.1288
39	838436.8	827842.3	12.7464	269.	0.1246	12.7464	270.	0.1249
40	838073.1	827793.2	46.0225	5954.	2.3260	44.7062	2902.	2.3895
41	838002.5	827663.7	51.4064	3927.	2.7355	51.4060	3062.	2.7375
42	837696.7	827389.9	186.9851	4775.	9.1153	186.7683	656.	8.9685
43	837696.7	827389.9	186.9851	4775.	9.1153	186.7683	656.	8.9685
44	837781.6	827402.0	76.2981	3034.	4.1623	76.2980	2874.	4.1630
45	838374.7	827824.1	13.9697	267.	0.1379	13.9694	1543.	0.1421
46	838007.6	828041.7	3.7919	8730.	0.2184	3.7918	5491.	0.2207
47	838124.5	828228.9	3.7276	1794.	0.1528	3.7275	1699.	0.1534
48	838230.0	828063.0	19.3696	28.	0.1976	19.3696	1590.	0.1982
49	838020.0	827871.0	34.8998	2911.	0.4483	34.8997	2910.	0.4491
50	837117.0	826709.0	54.6107	245.	2.8195	53.7215	2285.	1.5933
51	837060.0	826644.0	41.7068	7400.	1.9084	41.4942	8237.	2.0150
52	838375.0	826598.0	7.5681	1467.	0.2966	7.0351	238.	0.0694

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TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	29	837572.6	827417.8	7584	120.9256	6.8270
2	29	837572.6	827417.8	1584	106.5315	5.9939
3	42	837696.7	827389.9	4968	106.0449	5.3968
4	43	837696.7	827389.9	4968	106.0449	5.3968
5	29	837572.6	827417.8	6912	96.4056	5.4882
6	29	837572.6	827417.8	7608	94.9372	5.3034
7	29	837572.6	827417.8	4632	94.1500	5.3458
8	42	837696.7	827389.9	7056	92.6347	4.4688
9	43	837696.7	827389.9	7056	92.6347	4.4688
10	28	837541.4	827394.8	6912	90.3779	5.0074

ELAPSED TIME FOR THIS RUN: 0.62291E+03 SECONDS
OR 0 HOURS 10 MINUTES 22.91 SECONDS

11	29	837572.6	827417.8	7104	89.1387	5.1170
12	28	837541.4	827394.8	7584	87.1057	4.8005
13	27	837526.9	827379.0	6912	85.2044	4.7004
14	29	837572.6	827417.8	4872	84.3054	4.7712
15	27	837526.9	827379.0	7584	83.2290	4.5605
16	42	837696.7	827389.9	7080	80.9517	4.1061
17	43	837696.7	827389.9	7080	80.9517	4.1061
18	29	837572.6	827417.8	4656	79.9842	4.6494
19	42	837696.7	827389.9	4992	79.8461	3.8703
20	43	837696.7	827389.9	4992	79.8461	3.8703
21	28	837541.4	827394.8	1584	79.2762	4.4669
22	27	837526.9	827379.0	1584	79.1987	4.4289
23	29	837572.6	827417.8	4848	76.9125	4.4326
24	27	837526.9	827379.0	2184	75.6743	4.3192
25	28	837541.4	827394.8	6936	75.3382	4.1680
26	28	837541.4	827394.8	7104	74.5123	4.2129
27	28	837541.4	827394.8	6600	73.8733	4.1725
28	27	837526.9	827379.0	4872	73.0619	4.0387
29	28	837541.4	827394.8	4632	72.4566	4.0379
30	28	837541.4	827394.8	2184	71.2751	4.0718
31	29	837572.6	827417.8	3192	70.7483	4.0779
32	28	837541.4	827394.8	4656	70.6754	4.0508
33	29	837572.6	827417.8	4728	69.9771	4.1764
34	28	837541.4	827394.8	7608	69.2170	3.7825
35	27	837526.9	827379.0	7104	69.1452	3.7999
36	27	837526.9	827379.0	6600	68.7104	3.8849
37	27	837526.9	827379.0	8520	67.9296	3.8954
38	29	837572.6	827417.8	6840	67.7692	3.7356
39	27	837526.9	827379.0	6936	67.3534	3.7146
40	27	837526.9	827379.0	8760	67.1800	3.7373
41	27	837526.9	827379.0	8784	67.1800	3.7373
42	28	837541.4	827394.8	4872	66.6504	3.7094
43	27	837526.9	827379.0	7560	65.8385	3.5830
44	27	837526.9	827379.0	7608	65.7927	3.5760
45	29	837572.6	827417.8	3216	65.7642	3.7743
46	29	837572.6	827417.8	7944	65.6650	4.0064
47	28	837541.4	827394.8	7560	65.3222	3.5747
48	42	837696.7	827389.9	4944	65.1657	3.3972
49	43	837696.7	827389.9	4944	65.1657	3.3972
50	42	837696.7	827389.9	288	65.1205	3.1221

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HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837231.0	826660.5	13.8992	840.	0.7273	12.1835	888.	0.6673
2	837244.9	826703.4	16.5985	840.	0.8760	15.8942	888.	0.8689
3	837260.9	826747.7	20.7277	888.	1.1270	20.5485	6552.	0.9626
4	837322.3	826789.9	11.2631	1152.	0.6019	11.1535	600.	0.6089
5	837287.6	826830.0	13.2464	840.	0.7106	12.4310	888.	0.6713
6	837526.6	827106.9	36.1421	6552.	1.7287	33.2509	888.	1.8441
7	837566.2	827152.1	44.7243	6552.	2.2069	37.8142	8016.	1.8127
8	837584.7	827099.9	29.6338	6552.	1.4361	26.6614	8016.	1.2379
9	837636.5	827157.6	21.6550	600.	1.2039	20.6453	6552.	0.9819
10	837682.1	827153.6	15.3925	600.	0.8499	14.0451	6552.	0.6576
11	837645.6	827255.1	52.9262	7080.	3.1105	51.1033	6552.	2.6509
12	837702.2	827318.7	39.9719	4968.	1.7901	36.7176	4944.	1.8138
13	837707.3	827196.1	22.5394	432.	1.1024	22.2360	7176.	1.0660
14	837771.4	827137.9	20.7322	8352.	0.8987	14.8714	8328.	0.5894
15	837815.5	827496.7	52.7272	6096.	2.0896	52.1689	2832.	2.0615
16	837914.3	827644.4	35.7991	4992.	1.3628	32.9005	5880.	1.8394
17	837974.7	827492.1	14.2647	8352.	0.4706	9.7755	4944.	0.4641
18	837985.3	827548.0	20.4326	4968.	0.7311	15.2887	7080.	0.5515
19	838033.3	827568.8	13.1968	4968.	0.4392	12.2869	7080.	0.3940
20	838165.7	827852.1	9.2229	4992.	0.1603	7.0962	5208.	0.3591
21	838286.8	827897.4	6.5562	4992.	0.1012	4.8481	5808.	0.1244
22	837964.9	827946.7	2.5444	3768.	0.1219	2.1880	3744.	0.0909
23	838634.8	828252.8	3.4016	4992.	0.0467	2.4810	5808.	0.0581
24	838632.2	828307.0	2.9855	4992.	0.0427	2.2568	5808.	0.0582
25	837816.9	827663.5	38.1551	4488.	1.9504	37.8526	5016.	1.3161
26	837941.1	827779.5	24.1241	7632.	0.5918	20.3725	5016.	0.5825
27	837526.9	827379.0	85.2044	6912.	4.7004	83.2290	7584.	4.5605
28	837541.4	827394.8	90.3779	6912.	5.0074	87.1057	7584.	4.8005
29	837572.6	827417.8	120.9256	7584.	6.8270	106.5315	1584.	5.9939
30	837288.9	827055.5	18.4153	528.	1.0711	14.5826	1944.	0.7858
31	837250.2	826951.9	17.4087	4800.	0.7598	13.1597	7944.	0.6954
32	837259.5	827018.2	10.3573	528.	0.5775	8.2069	1944.	0.4151
33	837122.0	826758.6	2.5019	7320.	0.1322	2.4037	6360.	0.1461
34	836960.3	826607.6	6.9929	528.	0.3904	6.2429	8256.	0.2699
35	837256.0	826635.9	22.2478	6552.	1.1038	20.2573	8016.	0.9835
36	837002.9	826610.5	9.6107	8256.	0.4389	8.7453	528.	0.4988
37	838451.0	828111.0	4.9309	4992.	0.0723	3.6720	5808.	0.0933
38	838402.0	827918.9	4.6601	4992.	0.0685	3.4531	5880.	0.1627
39	838436.8	827842.3	2.7824	5880.	0.1275	2.6731	1560.	0.0271
40	838073.1	827793.2	13.9047	4992.	0.2982	11.3711	5208.	0.5954
41	838002.5	827663.7	13.8175	5880.	0.7361	12.7006	4992.	0.3069
42	837696.7	827389.9	106.0449	4968.	5.3968	92.6347	7056.	4.4688
43	837696.7	827389.9	106.0449	4968.	5.3968	92.6347	7056.	4.4688
44	837781.6	827402.0	38.1443	6552.	2.0075	36.1969	8016.	1.8257
45	838374.7	827824.1	3.3680	4992.	0.0526	3.3055	5880.	0.1547
46	838007.6	828041.7	2.2688	3768.	0.1087	1.9389	3744.	0.0790
47	838124.5	828228.9	1.8624	3792.	0.1605	1.8281	5160.	0.1454
48	838230.0	828063.0	8.4763	7656.	0.1199	8.2872	7824.	0.1107
49	838020.0	827871.0	17.5468	7632.	0.3754	14.9995	7656.	0.2744
50	837117.0	826709.0	24.4189	8256.	1.2734	20.2751	7320.	1.0111
51	837060.0	826644.0	16.0237	8256.	0.7896	13.4338	7320.	0.6051
52	838375.0	826598.0	1.9654	3528.	0.0218	1.8440	8352.	0.0264

DATE AT END OF RUN: 06/18/98 TIME AT END OF RUN: 14:28:23.64

2	0.000000000	0.00000	0.000	837764.	827536.	837680.	827426.	7.50	17.00
2	0.000000000	0.00000	0.000	837680.	827426.	837615.	827331.	7.50	17.00
2	0.001350000	0.15268	0.000	837615.	827331.	837548.	827239.	7.50	17.00
2	0.000000000	0.00000	0.000	837548.	827239.	837480.	827145.	7.50	17.00
2	0.000000000	0.00000	0.000	837480.	827145.	837422.	827065.	7.50	17.00
2	0.000000000	0.00000	0.000	837422.	827065.	837362.	826983.	7.50	17.00
2	0.001350000	0.14960	0.000	837362.	826983.	837296.	826894.	7.50	17.00
2	0.000000000	0.00000	0.000	837296.	826894.	837243.	826805.	7.50	17.00
2	0.000000000	0.00000	0.000	837243.	826805.	837210.	826706.	7.50	17.00
2	0.000000000	0.00000	0.000	837210.	826706.	837225.	826608.	7.50	17.00
2	0.000000000	0.00000	0.000	837531.	827274.	837592.	827224.	13.50	8.00
2	0.000000000	0.00000	0.000	837561.	827309.	837566.	827314.	13.50	8.00
2	0.000000000	0.00000	0.000	837566.	827314.	837630.	827401.	7.50	6.00
2	0.000000000	0.00000	0.000	837630.	827401.	837660.	827382.	7.50	6.00
2	0.000000000	0.00000	0.000	837660.	827382.	837606.	827295.	7.50	6.00
1	0.000000000	0.00000	0.000	0.	0.	0.	0.	0.50	0.00

TOTAL EMISSIONS 0.47961E+00 GRAMS/SEC

LONG DISTANCE (50,000 M) MASS CONSERVATION CORRECTION FACTORS USED

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
 CONCENTRATIONS IN MICROGRAMS/M**3
 AVERAGE EMISSIONS FOR THIS PERIOD = 0.47959E-00 GRAMS/SEC

(837231., 826661., 1.391)	(837245., 826703., 1.731)	(837261., 826748., 2.224)
(837322., 826790., 2.792)	(837288., 826830., 3.888)	(837527., 827107., 3.023)
(837566., 827152., 3.601)	(837585., 827100., 2.420)	(837637., 827158., 2.248)
(837682., 827154., 1.525)	(837646., 827255., 6.333)	(837702., 827319., 2.676)
(837707., 827196., 2.457)	(837771., 827138., 1.333)	(837816., 827497., 4.763)
(837914., 827644., 3.748)	(837975., 827492., 1.432)	(837985., 827548., 1.854)
(838033., 827569., 1.955)	(838166., 827852., 1.475)	(838287., 827897., 0.497)
(837965., 827947., 0.132)	(838635., 828253., 0.232)	(838632., 828307., 0.252)
(837817., 827664., 3.169)	(837941., 827780., 5.814)	(837527., 827379., 5.744)
(837541., 827395., 5.104)	(837573., 827418., 5.323)	(837289., 827056., 2.479)
(837250., 826952., 6.546)	(837260., 827018., 1.378)	(837122., 826759., 0.363)
(836960., 826608., 0.716)	(837256., 826636., 1.869)	(837003., 826611., 0.937)
(838451., 828111., 0.429)	(838402., 827919., 0.293)	(838437., 827842., 0.259)
(838073., 827793., 36.311)	(838003., 827664., 5.143)	(837697., 827390., 6.006)
(837697., 827390., 6.006)	(837782., 827402., 3.631)	(838375., 827824., 0.347)
(838008., 828042., 0.134)	(838125., 828229., 0.144)	(838230., 828063., 1.529)
(838020., 827871., 10.119)	(837117., 826709., 2.003)	(837060., 826644., 1.346)
(838375., 826598., 0.191)	{	{

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
 DEPOSITION RATE IN MICROGRAMS/M**2/SEC

(837231., 826661.,)	(837245., 826703.,)	(837261., 826748.,)
(837322., 826790.,)	(837288., 826830.,)	(837527., 827107.,)
(837566., 827152.,)	(837585., 827100.,)	(837637., 827158.,)
(837682., 827154.,)	(837646., 827255.,)	(837702., 827319.,)
(837707., 827196.,)	(837771., 827138.,)	(837816., 827497.,)
(837914., 827644.,)	(837975., 827492.,)	(837985., 827548.,)
(838033., 827569.,)	(838166., 827852.,)	(838287., 827897.,)
(837965., 827947.,)	(838635., 828253.,)	(838632., 828307.,)
(837817., 827664.,)	(837941., 827780.,)	(837527., 827379.,)
(837541., 827395.,)	(837573., 827418.,)	(837289., 827056.,)
(837250., 826952.,)	(837260., 827018.,)	(837122., 826759.,)
(836960., 826608.,)	(837256., 826636.,)	(837003., 826611.,)
(838451., 828111.,)	(838402., 827919.,)	(838437., 827842.,)
(838073., 827793.,)	(838003., 827664.,)	(837697., 827390.,)
(837697., 827390.,)	(837782., 827402.,)	(838375., 827824.,)
(838008., 828042.,)	(838125., 828229.,)	(838230., 828063.,)
(838020., 827871.,)	(837117., 826709.,)	(837060., 826644.,)
(838375., 826598.,)	{	{

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

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TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	40	838073.1	827793.2	8331	217.6768	11.6946
2	40	838073.1	827793.2	8330	217.6767	11.6949
3	40	838073.1	827793.2	8329	217.6765	11.6952
4	40	838073.1	827793.2	8328	217.6761	11.6960
5	40	838073.1	827793.2	8332	217.6759	11.6963
6	40	838073.1	827793.2	8327	217.6755	11.6972
7	40	838073.1	827793.2	8333	217.6753	11.6975
8	40	838073.1	827793.2	8334	217.6747	11.6986
9	40	838073.1	827793.2	8326	217.6742	11.6995
10	40	838073.1	827793.2	1222	217.6738	11.7003
11	40	838073.1	827793.2	8335	217.6735	11.7009
12	40	838073.1	827793.2	1223	217.6731	11.7015
13	40	838073.1	827793.2	8325	217.6731	11.7015
14	40	838073.1	827793.2	8336	217.6724	11.7029
15	40	838073.1	827793.2	1221	217.6718	11.7040
16	40	838073.1	827793.2	8337	217.6718	11.7040
17	40	838073.1	827793.2	143	217.6682	11.6963
18	40	838073.1	827793.2	5045	217.6527	11.7367
19	40	838073.1	827793.2	8644	217.1612	11.6403
20	40	838073.1	827793.2	8643	217.1611	11.6406
21	40	838073.1	827793.2	8642	217.1604	11.6417
22	40	838073.1	827793.2	8640	217.1601	11.6423
23	40	838073.1	827793.2	8641	217.1598	11.6428
24	40	838073.1	827793.2	8639	217.1584	11.6453
25	40	838073.1	827793.2	3411	217.1514	11.6572
26	40	838073.1	827793.2	7830	217.1514	11.6572
27	40	838073.1	827793.2	7831	217.1514	11.6572

DATE AT END OF RUN: 06/18/98 TIME AT END OF RUN: 14:35:30.63
ELAPSED TIME FOR THIS RUN: 0.39849E+03 SECONDS
OR 0 HOURS 6 MINUTES 38.49 SECONDS

TOTAL EMISSIONS 0.42538E+01 GRAMS/SEC

LONG DISTANCE (50.000 M) MASS CONSERVATION CORRECTION FACTORS USED

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.42537E+01 GRAMS/SEC
(837024., 826492., 12.795) (837131., 826523., 27.705) (837172., 826510., 29.950)
(837220., 826444., 16.468) (838068., 8282003., 0.000) (838201., 828080., 10.329)
(837958., 827694., 33.607) (

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC
(837024., 826492., *****) (837131., 826523., *****) (837172., 826510., *****)
(837220., 826444., *****) (838068., 8282003., *****) (838201., 828080., *****)
(837958., 827694., *****) (

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***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	7	837957.8	827693.5	2097	482.6538	25.1382
2	7	837957.8	827693.5	2108	482.6488	25.1682
3	7	837957.8	827693.5	5923	482.6268	25.2930
4	7	837957.8	827693.5	7052	475.6540	24.8086
5	7	837957.8	827693.5	7066	475.6523	24.8178
6	7	837957.8	827693.5	7027	475.6507	24.8269
7	7	837957.8	827693.5	261	462.7443	21.8205
8	7	837957.8	827693.5	3129	462.6830	22.0827
9	7	837957.8	827693.5	5924	462.6766	22.1081
10	7	837957.8	827693.5	4941	444.2813	23.1548
11	7	837957.8	827693.5	4940	444.2805	23.1591
12	7	837957.8	827693.5	4954	444.2769	23.1788
13	7	837957.8	827693.5	7051	444.1730	24.8113
14	7	837957.8	827693.5	7067	444.1728	24.8137
15	7	837957.8	827693.5	7026	444.1716	24.8260
16	7	837957.8	827693.5	3034	438.1900	22.8949
17	7	837957.8	827693.5	2874	438.1892	22.8993
18	7	837957.8	827693.5	4372	438.1859	22.9179
19	7	837957.8	827693.5	4371	438.1852	22.9222
20	7	837957.8	827693.5	3107	434.2973	20.6711
21	7	837957.8	827693.5	3033	433.2794	20.8186
22	7	837957.8	827693.5	4939	432.7254	24.1638
23	7	837957.8	827693.5	4955	432.7239	24.1793
24	7	837957.8	827693.5	260	430.7057	22.1817
25	7	837957.8	827693.5	1890	430.6962	22.2395
26	7	837957.8	827693.5	2251	430.6837	22.3140
27	7	837957.8	827693.5	3943	430.6784	22.3449
28	7	837957.8	827693.5	4354	430.6771	22.3522
29	7	837957.8	827693.5	4353	430.6768	22.3536
30	7	837957.8	827693.5	4352	430.6766	22.3551
31	7	837957.8	827693.5	5383	430.6751	22.3637
32	7	837957.8	827693.5	5384	430.6748	22.3651
33	7	837957.8	827693.5	4140	430.6734	22.3737
34	7	837957.8	827693.5	2371	426.3704	23.7824
35	7	837957.8	827693.5	4376	426.2644	22.2508
36	7	837957.8	827693.5	381	421.5372	19.8696
37	7	837957.8	827693.5	4239	421.5098	19.9874
38	7	837957.8	827693.5	7065	421.5069	19.9994
39	7	837957.8	827693.5	7053	421.5036	20.0128
40	7	837957.8	827693.5	7028	421.5011	20.0231
41	7	837957.8	827693.5	3909	421.5004	20.0260
42	7	837957.8	827693.5	1856	416.5821	22.1967
43	7	837957.8	827693.5	8635	411.0318	21.1729
44	7	837957.8	827693.5	8636	411.0316	21.1744
45	7	837957.8	827693.5	7340	411.0260	21.2080
46	7	837957.8	827693.5	4419	411.0204	21.2409
47	7	837957.8	827693.5	4420	411.0201	21.2424
48	7	837957.8	827693.5	3971	411.0177	21.2564
49	7	837957.8	827693.5	3972	411.0167	21.2620
50	7	837957.8	827693.5	4906	411.0056	21.3243

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HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	167.0636	245.	8.7482	157.7671	190.	8.6320
2	837131.0	826523.3	303.5615	7326.	15.6037	303.5609	7325.	15.6073
3	837171.6	826510.0	372.1805	8089.	17.9078	372.1631	8001.	17.9622
4	837219.8	826444.3	269.1919	2136.	14.2475	217.8553	200.	9.0612
5	838068.3	8282003.0	0.0000	7936.	0.0000	0.0000	3135.	0.0000
6	838200.9	828079.6	98.8759	5059.	5.6007	98.2114	5339.	5.5604
7	837957.8	827693.5	482.6538	2097.	25.1382	482.6488	2108.	25.1682

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TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
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1	7	837957.8	827693.5	4944	192.0774	9.4637
2	7	837957.8	827693.5	4968	169.2739	7.3691
3	7	837957.8	827693.5	7056	149.4133	6.6879
4	7	837957.8	827693.5	7080	146.8713	6.1260
5	2	837131.0	826523.3	8256	143.2872	7.7509
6	2	837131.0	826523.3	4800	142.6231	6.7300
7	3	837171.6	826510.0	6528	134.2280	6.6025
8	7	837957.8	827693.5	7032	132.9464	5.5971
9	2	837131.0	826523.3	4824	128.8498	5.0134
10	3	837171.6	826510.0	840	127.1178	7.0270
11	2	837131.0	826523.3	6456	122.7938	7.6950
12	3	837171.6	826510.0	8424	118.6334	4.8546
13	7	837957.8	827693.5	4392	118.4057	6.3038
14	3	837171.6	826510.0	6552	118.1574	6.0655
15	3	837171.6	826510.0	8208	117.0023	7.3970
16	3	837171.6	826510.0	7416	114.8470	6.4818
17	3	837171.6	826510.0	4800	113.7333	5.4484
18	3	837171.6	826510.0	8136	113.3107	5.1901
19	2	837131.0	826523.3	7320	111.9340	6.0837
20	7	837957.8	827693.5	8352	111.3176	3.9041
21	3	837171.6	826510.0	6672	108.0733	5.0937
22	3	837171.6	826510.0	1032	107.4149	5.9794
23	3	837171.6	826510.0	8400	107.3740	4.8253
24	7	837957.8	827693.5	5784	102.0040	4.6025
25	2	837131.0	826523.3	1176	101.9317	5.6837
26	3	837171.6	826510.0	4824	101.2711	4.1170
27	7	837957.8	827693.5	7464	100.8370	3.2596
28	7	837957.8	827693.5	5928	99.8733	4.2450
29	2	837131.0	826523.3	1008	98.5243	5.8526
30	2	837131.0	826523.3	6504	97.8937	5.8629
31	2	837131.0	826523.3	8232	96.5025	5.4087
32	2	837131.0	826523.3	1152	95.5608	5.4642
33	3	837171.6	826510.0	1056	95.1564	5.3695
34	3	837171.6	826510.0	888	94.7275	5.4582
35	4	837219.8	826444.3	6552	94.5591	4.5714
36	3	837171.6	826510.0	8232	94.2922	5.0088
37	7	837957.8	827693.5	5472	94.0328	3.3282
38	2	837131.0	826523.3	8112	93.4940	4.2347
39	2	837131.0	826523.3	8088	93.1937	5.6995
40	3	837171.6	826510.0	8088	92.8010	5.4827
41	2	837131.0	826523.3	8136	92.7992	4.0262
42	2	837131.0	826523.3	1968	92.7111	5.7220
43	3	837171.6	826510.0	3456	91.5359	4.8049
44	4	837219.8	826444.3	8016	91.2904	4.1400
45	2	837131.0	826523.3	7296	91.2519	5.7376
46	3	837171.6	826510.0	624	90.4453	4.7403
47	2	837131.0	826523.3	6528	90.1304	4.3436
48	3	837171.6	826510.0	1152	90.1304	4.9429
49	3	837171.6	826510.0	1968	89.9122	5.5183
50	3	837171.6	826510.0	336	89.4728	4.9656

HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	65.1222	8256.	3.3583	55.6569	7320.	2.8752
2	837131.0	826523.3	143.2872	8256.	7.7509	142.6231	4800.	6.7300
3	837171.6	826510.0	134.2280	6528.	6.6025	127.1178	840.	7.0270
4	837219.8	826444.3	94.5591	6552.	4.5714	91.2904	8016.	4.1400
5	838068.3	8282003.0	0.0000	7944.	0.0000	0.0000	3144.	0.0000
6	838200.9	828079.6	38.2343	2184.	1.9528	32.6040	2208.	1.7454
7	837957.8	827693.5	192.0774	4944.	9.4637	169.2739	4968.	7.3691

DATE AT END OF RUN: 07/02/99 TIME AT END OF RUN: 12:46:34.16
ELAPSED TIME FOR THIS RUN: 0.89880E+03 SECONDS
OR 0 HOURS 14 MINUTES 58.80 SECONDS

TOTAL EMISSIONS 0.23075E+01 GRAMS/SEC

LONG DISTANCE (50,000 M) MASS CONSERVATION CORRECTION FACTORS USED

1

8784 HOUR AVERAGE FOR HOUR ENDING 8784

CONCENTRATIONS IN MICROGRAMS/M**3

AVERAGE EMISSIONS FOR THIS PERIOD = 0.23077E-01 GRAMS/SEC

(837024., 826492., 1.727) (837131., 826523., 1.922) (837172., 826510., 1.933)
(837220., 826444., 1.797) (838068., 8282003., 0.000) (838201., 828080., 5.591)
(837958., 827694., 15.487) (

1

8784 HOUR AVERAGE FOR HOUR ENDING 8784

DEPOSITION RATE IN MICROGRAMS/M**2/SEC

(837024., 826492.,*) (837131., 826523.,*) (837172., 826510.,*)
(837220., 826444.,*) (838068., 8282003.,*) (838201., 828080.,*)
(837958., 827694.,*) (

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

1

TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	7	837957.8	827693.5	237	186.3770	8.4726
2	7	837957.8	827693.5	1700	186.3582	8.5519
3	7	837957.8	827693.5	5761	182.1756	7.7861
4	7	837957.8	827693.5	5952	181.2085	7.4155
5	7	837957.8	827693.5	1755	179.5946	6.9183
6	7	837957.8	827693.5	4105	179.5841	6.9491
7	7	837957.8	827693.5	267	176.9321	4.9477
8	7	837957.8	827693.5	1543	176.9182	4.9846
9	7	837957.8	827693.5	1544	176.9180	4.9852
10	7	837957.8	827693.5	1545	176.9139	4.9958
11	7	837957.8	827693.5	1364	174.8430	7.5150
12	7	837957.8	827693.5	6860	174.8361	7.5463
13	7	837957.8	827693.5	5336	174.8356	7.5485
14	7	837957.8	827693.5	6812	174.8355	7.5492
15	7	837957.8	827693.5	5409	174.8353	7.5499
16	7	837957.8	827693.5	4145	174.8348	7.5521
17	7	837957.8	827693.5	4209	174.8348	7.5521
18	7	837957.8	827693.5	5328	174.8324	7.5627
19	7	837957.8	827693.5	4965	174.8315	7.5662
20	7	837957.8	827693.5	4977	174.8309	7.5690
21	7	837957.8	827693.5	3927	173.6428	8.8860
22	7	837957.8	827693.5	3062	173.6416	8.8932
23	7	837957.8	827693.5	3284	173.2166	7.9316
24	7	837957.8	827693.5	2961	170.9894	8.5602
25	7	837957.8	827693.5	5334	170.9874	8.5721
26	7	837957.8	827693.5	5335	170.9869	8.5746
27	7	837957.8	827693.5	6859	170.9862	8.5789
28	7	837957.8	827693.5	4964	170.9832	8.5957
29	7	837957.8	827693.5	5794	170.9801	8.6131
30	7	837957.8	827693.5	269	170.8770	4.8157
31	7	837957.8	827693.5	270	170.8761	4.8181
32	7	837957.8	827693.5	240	170.8755	4.8199
33	7	837957.8	827693.5	271	170.8746	4.8223
34	7	837957.8	827693.5	264	170.8739	4.8241
35	7	837957.8	827693.5	239	170.8737	4.8247
36	7	837957.8	827693.5	266	170.8734	4.8253
37	7	837957.8	827693.5	673	170.8728	4.8271
38	7	837957.8	827693.5	672	170.8721	4.8289
39	7	837957.8	827693.5	263	170.8719	4.8295
40	7	837957.8	827693.5	8360	170.8654	4.8466
41	7	837957.8	827693.5	8359	170.8651	4.8472
42	7	837957.8	827693.5	1542	170.8634	4.8518
43	7	837957.8	827693.5	1541	170.8606	4.8587
44	7	837957.8	827693.5	1424	170.8595	4.8615
45	7	837957.8	827693.5	8720	170.8591	4.8626
46	7	837957.8	827693.5	8721	170.8577	4.8660
47	7	837957.8	827693.5	1586	170.8560	4.8704
48	7	837957.8	827693.5	20	170.8511	4.8824
49	7	837957.8	827693.5	1756	170.8488	4.8877
50	7	837957.8	827693.5	1701	170.8452	4.8961

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HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	37.4232	80.	0.3832	29.8739	8281.	0.3000
2	837131.0	826523.3	37.8896	7277.	1.6047	37.8125	7247.	1.6550
3	837171.6	826510.0	38.0380	3965.	0.4066	38.0356	7277.	1.5901
4	837219.8	826444.3	29.4877	3965.	0.3124	27.9186	3654.	0.2999
5	838068.3	8282003.0	0.0000	7936.	0.0000	0.0000	5135.	0.0000
6	838200.9	828079.6	43.3841	4483.	2.2497	41.9438	4411.	2.1488
7	837957.8	827693.5	186.3770	237.	8.4726	186.3582	1700.	8.5519

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TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK RECEPTOR X-COORDINATE Y-COORDINATE ENDING HOUR CONCENTRATION DEPOSITION

1	7	837957.8	827693.5	5880	70.4754	3.9714
2	7	837957.8	827693.5	3768	69.7211	4.0635
3	7	837957.8	827693.5	4992	67.7073	2.1968
4	7	837957.8	827693.5	3744	66.4370	3.4174
5	7	837957.8	827693.5	5208	59.8105	3.4935
6	7	837957.8	827693.5	5856	50.4730	3.4542
7	7	837957.8	827693.5	5232	50.0074	3.2232
8	7	837957.8	827693.5	5808	49.6706	2.0378
9	7	837957.8	827693.5	5328	46.5286	2.3341
10	7	837957.8	827693.5	3288	44.6303	2.4087
11	7	837957.8	827693.5	3696	44.4604	2.5628
12	7	837957.8	827693.5	4584	43.5459	2.4154
13	7	837957.8	827693.5	4392	42.4012	2.2865
14	7	837957.8	827693.5	1560	41.1927	1.2803
15	7	837957.8	827693.5	288	40.7913	1.2253
16	7	837957.8	827693.5	8256	40.3920	2.1012
17	7	837957.8	827693.5	4968	40.0441	1.6727
18	7	837957.8	827693.5	2928	39.5646	2.2098
19	7	837957.8	827693.5	4416	39.1356	2.1155
20	7	837957.8	827693.5	5472	39.0893	1.3935
21	7	837957.8	827693.5	5352	38.2154	2.2427
22	7	837957.8	827693.5	3624	37.4701	1.3239
23	7	837957.8	827693.5	1776	37.0671	1.6645
24	7	837957.8	827693.5	7056	36.1188	1.2321
25	7	837957.8	827693.5	5832	35.9807	2.7480
26	7	837957.8	827693.5	3336	35.5051	2.5197
27	7	837957.8	827693.5	6816	35.4247	1.0048
28	7	837957.8	827693.5	7320	34.8272	1.7625
29	7	837957.8	827693.5	5952	33.8991	1.7896
30	7	837957.8	827693.5	6456	33.4455	2.0753
31	7	837957.8	827693.5	5976	33.3584	1.2703
32	7	837957.8	827693.5	3048	33.1472	1.7991
33	7	837957.8	827693.5	3600	33.0169	1.5311
34	7	837957.8	827693.5	7656	32.7469	0.9272
35	7	837957.8	827693.5	7008	32.5915	1.0140
36	7	837957.8	827693.5	3672	32.5911	1.6396
37	7	837957.8	827693.5	3720	32.5781	2.1008
38	7	837957.8	827693.5	2856	32.0890	1.7519
39	7	837957.8	827693.5	3264	32.0577	2.4099
40	7	837957.8	827693.5	4224	31.4096	1.7227
41	7	837957.8	827693.5	3240	31.3678	2.1770
42	7	837957.8	827693.5	6024	30.8613	1.4196
43	7	837957.8	827693.5	7632	30.7736	1.1649
44	7	837957.8	827693.5	240	30.4801	1.1547
45	7	837957.8	827693.5	5784	29.9930	0.9394
46	7	837957.8	827693.5	6480	29.9023	1.9769
47	7	837957.8	827693.5	5184	29.6688	1.8652
48	7	837957.8	827693.5	1872	29.6328	1.7294
49	7	837957.8	827693.5	7824	29.2551	0.7274
50	7	837957.8	827693.5	528	29.2069	1.6759

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HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	12.2799	6456.	0.6949	11.9210	8256.	0.4920
2	837131.0	826523.3	14.5502	4824.	0.1994	12.3722	6456.	0.7145
3	837171.6	826510.0	14.8459	4824.	0.2034	11.4774	4800.	0.2519
4	837219.8	826444.3	10.9087	4824.	0.1528	9.2147	8208.	0.5542
5	838068.3	8282003.0	0.0000	7944.	0.0000	0.0000	5136.	0.0000
6	838200.9	828079.6	25.3643	3768.	1.3967	22.4974	4416.	0.9942
7	837957.8	827693.5	70.4754	5880.	3.9714	69.7211	3768.	4.0635

DATE AT END OF RUN: 07/02/99 TIME AT END OF RUN: 13:38:08.61
 ELAPSED TIME FOR THIS RUN: 0.87150E+03 SECONDS
 OR 0 HOURS 14 MINUTES 31.50 SECONDS

TOTAL EMISSIONS 0.25435E+01 GRAMS/SEC

LONG DISTANCE (50,000 M) MASS CONSERVATION CORRECTION FACTORS USED

1
8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.25435E+01 GRAMS/SEC
(837024., 826492., 5.212) (837131., 826523., 6.646) (837172., 826510., 6.643)
(837220., 826444., 5.334) (838068., 8282003., 0.000) (838201., 828080., 4.519)
(837958., 827694., 6.278) (

1
8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC
(837024., 826492., *****) (837131., 826523., *****) (837172., 826510., *****)
(837220., 826444., *****) (838068., 8282003., *****) (838201., 828080., *****)
(837958., 827694., *****) ()
***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	3	837171.6	826510.0	1322	107.0480	5.3023
2	3	837171.6	826510.0	6430	107.0413	5.3397
3	2	837131.0	826523.3	7326	105.3167	4.7617
4	2	837131.0	826523.3	7325	105.3164	4.7633
5	2	837131.0	826523.3	7324	105.3160	4.7649
6	2	837131.0	826523.3	7277	105.0796	5.1130
7	3	837171.6	826510.0	8206	104.9043	5.4117
8	2	837131.0	826523.3	7247	104.5211	5.1966
9	2	837131.0	826523.3	118	103.7882	5.1937
10	2	837131.0	826523.3	7276	100.7517	5.2777
11	2	837131.0	826523.3	7269	100.7495	5.3015
12	2	837131.0	826523.3	1322	94.1834	4.7604
13	2	837131.0	826523.3	6430	94.1777	4.7919
14	2	837131.0	826523.3	8206	91.9800	4.8240
15	1	837024.4	826491.6	80	91.5935	1.0270
16	2	837131.0	826523.3	8213	91.5896	4.9963
17	2	837131.0	826523.3	1135	91.5896	4.9971
18	2	837131.0	826523.3	984	91.5886	5.0120
19	3	837171.6	826510.0	6371	91.5826	5.1549
20	3	837171.6	826510.0	5673	91.5819	5.1636
21	2	837131.0	826523.3	1183	89.7134	4.9626
22	2	837131.0	826523.3	988	89.7132	4.9676
23	2	837131.0	826523.3	8253	89.7130	4.9709
24	2	837131.0	826523.3	8231	89.7126	4.9774
25	2	837131.0	826523.3	2546	89.7094	5.0346
26	2	837131.0	826523.3	6435	89.7081	5.0550
27	3	837171.6	826510.0	578	89.5975	4.9806
28	3	837171.6	826510.0	1029	89.5956	5.0165
29	3	837171.6	826510.0	8068	89.5953	5.0213
30	3	837171.6	826510.0	8072	89.5953	5.0221
31	3	837171.6	826510.0	1950	89.5947	5.0333
32	3	837171.6	826510.0	7762	89.5922	5.0775
33	3	837171.6	826510.0	3441	89.5920	5.0805
34	3	837171.6	826510.0	6457	89.5914	5.0917
35	3	837171.6	826510.0	7388	89.5908	5.1011
36	3	837171.6	826510.0	6657	89.5904	5.1083
37	2	837131.0	826523.3	8578	87.7875	4.9269
38	2	837131.0	826523.3	7225	87.7850	4.9798
39	3	837171.6	826510.0	1034	87.5684	4.9508
40	3	837171.6	826510.0	8069	87.5675	4.9695
41	3	837171.6	826510.0	1278	87.5671	4.9787
42	3	837171.6	826510.0	1969	87.5668	4.9837
43	3	837171.6	826510.0	3433	87.5648	5.0258
44	3	837171.6	826510.0	5697	87.5628	5.0659
45	3	837171.6	826510.0	5553	87.5619	5.0824
46	1	837024.4	826491.6	7326	87.4485	3.9632
47	1	837024.4	826491.6	7325	87.4482	3.9645
48	1	837024.4	826491.6	7324	87.4480	3.9658
49	1	837024.4	826491.6	7277	87.2955	4.2583
50	1	837024.4	826491.6	7247	86.8279	4.3274

HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	91.5935	80.	1.0270	87.4485	7326.	3.9632
2	837131.0	826523.3	105.3167	7326.	4.7617	105.3164	7325.	4.7633
3	837171.6	826510.0	107.0480	1322.	5.3023	107.0413	6430.	5.3397
4	837219.8	826444.3	70.7384	8204.	3.5927	70.1739	7394.	3.6422
5	838068.3	8282003.0	0.0000	7936.	0.0000	0.0000	5135.	0.0000
6	838200.9	828079.6	41.7483	38.	2.1707	41.7483	39.	2.1707
7	837957.8	827693.5	80.7508	5877.	4.4898	79.4168	4462.	4.3609

TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
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1	6	838200.9	828079.6	2184	41.7483	2.1707
2	7	837957.8	827693.5	5208	37.3652	2.0897
3	1	837024.4	826491.6	6456	37.1788	2.2381
4	3	837171.6	826510.0	8208	37.1046	2.2887
5	2	837131.0	826523.3	4824	34.9536	0.6573
6	1	837024.4	826491.6	8256	34.9265	1.6281
7	7	837957.8	827693.5	5880	34.4163	1.8578
8	2	837131.0	826523.3	4800	33.5141	1.0633
9	7	837957.8	827693.5	7656	32.4140	0.5813
10	7	837957.8	827693.5	2928	32.1603	1.4816
11	2	837131.0	826523.3	8208	32.0411	2.0195
12	2	837131.0	826523.3	6456	31.6195	1.9502
13	2	837131.0	826523.3	1008	31.2195	1.7144
14	7	837957.8	827693.5	7824	30.9146	0.5013
15	7	837957.8	827693.5	5856	30.4567	1.9719
16	7	837957.8	827693.5	4992	29.8995	0.7009
17	3	837171.6	826510.0	7416	29.7261	1.5681
18	2	837131.0	826523.3	1968	29.6454	1.7963
19	2	837131.0	826523.3	8088	29.5956	1.7021
20	7	837957.8	827693.5	7056	29.5607	0.5573
21	4	837219.8	826444.3	8208	29.4154	1.7347
22	7	837957.8	827693.5	3768	28.4398	1.6199
23	7	837957.8	827693.5	5232	28.3796	1.7654
24	1	837024.4	826491.6	7296	28.2266	1.7003
25	1	837024.4	826491.6	4824	27.9548	0.4809
26	7	837957.8	827693.5	6144	27.6102	0.5339
27	2	837131.0	826523.3	1152	27.4750	1.3893
28	2	837131.0	826523.3	8232	27.1026	1.2898
29	1	837024.4	826491.6	4800	26.8829	0.8002
30	3	837171.6	826510.0	1968	26.8604	1.6178
31	2	837131.0	826523.3	624	26.7678	1.0855
32	2	837131.0	826523.3	6504	26.5699	1.4724
33	3	837171.6	826510.0	6528	26.4367	0.8773
34	3	837171.6	826510.0	840	26.2528	1.2179
35	2	837131.0	826523.3	6528	26.1901	0.8328
36	1	837024.4	826491.6	7320	26.0420	1.1307
37	4	837219.8	826444.3	7416	25.9285	1.1217
38	3	837171.6	826510.0	8088	25.8845	1.4531
39	3	837171.6	826510.0	1008	25.5615	1.4047
40	3	837171.6	826510.0	8424	25.1788	0.4265
41	7	837957.8	827693.5	7632	25.0705	0.5940
42	3	837171.6	826510.0	6672	25.0601	0.8666
43	1	837024.4	826491.6	1008	24.8336	1.3818
44	1	837024.4	826491.6	6480	24.8063	1.5577
45	7	837957.8	827693.5	5808	24.6535	0.9675
46	7	837957.8	827693.5	3744	24.5889	1.2163
47	1	837024.4	826491.6	1968	24.3774	1.4697
48	6	838200.9	828079.6	2208	24.3751	1.2991
49	7	837957.8	827693.5	3264	24.0558	1.7310
50	2	837131.0	826523.3	840	23.9891	1.1203

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HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	37.1788	6456.	2.2381	34.9265	8256.	1.6281
2	837131.0	826523.3	34.9536	4824.	0.6573	33.5141	4800.	1.0633
3	837171.6	826510.0	37.1046	8208.	2.2887	29.7261	7416.	1.5681
4	837219.8	826444.3	29.4154	8208.	1.7347	25.9285	7416.	1.1217
5	838068.3	8282003.0	0.0000	7944.	0.0000	0.0000	5136.	0.0000
6	838200.9	828079.6	41.7483	2184.	2.1707	24.3751	2208.	1.2991
7	837957.8	827693.5	37.3652	5208.	2.0897	34.4163	5880.	1.8578
DATE AT END OF RUN: 07/02/99			TIME AT END OF RUN: 13:59:56.72					
ELAPSED TIME FOR THIS RUN:			0.87365E+03 SECONDS					
OR 0 HOURS 14 MINUTES			33.65 SECONDS					

TOTAL EMISSIONS 0.26332E+01 GRAMS/SEC

LONG DISTANCE (50,000 M) MASS CONSERVATION CORRECTION FACTORS USED

1

8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.26331E+01 GRAMS/SEC
(837024., 826492., 7.008) (837131., 826523., 10.120) (837172., 826510., 10.073)
(837220., 826444., 7.023) (838068., 8282003., 0.000) (838201., 828080., 2.032)
(837958., 827694., 8.009) (

1

8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC
(837024., 826492.,*) (837131., 826523.,*) (837172., 826510.,*)
(837220., 826444.,*) (838068., 8282003.,*) (838201., 828080.,*)
(837958., 827694.,*) (

1

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	7	837957.8	827693.5	5954	162.8946	7.9028
2	7	837957.8	827693.5	2902	159.4529	8.2494
3	7	837957.8	827693.5	2926	159.4516	8.2597
4	7	837957.8	827693.5	5877	153.9091	8.6226
5	7	837957.8	827693.5	5324	147.4693	8.4930
6	7	837957.8	827693.5	5832	147.4693	8.4942
7	7	837957.8	827693.5	2661	144.2102	8.3667
8	7	837957.8	827693.5	3596	144.2088	8.3941
9	7	837957.8	827693.5	5190	144.2084	8.4031
10	7	837957.8	827693.5	5207	144.2078	8.4145
11	2	837131.0	826523.3	1322	142.8959	7.4924
12	2	837131.0	826523.3	6430	142.8887	7.5367
13	7	837957.8	827693.5	2496	140.9661	8.2757
14	7	837957.8	827693.5	2854	140.9658	8.2840
15	7	837957.8	827693.5	5211	140.9639	8.3267
16	7	837957.8	827693.5	5949	140.9639	8.3267
17	7	837957.8	827693.5	4173	137.7607	8.2342
18	7	837957.8	827693.5	3695	137.7605	8.2396
19	2	837131.0	826523.3	8206	137.2656	7.4001
20	2	837131.0	826523.3	7326	137.0225	6.2950
21	2	837131.0	826523.3	7325	137.0221	6.2970
22	2	837131.0	826523.3	7324	137.0218	6.2990
23	2	837131.0	826523.3	7277	135.0468	6.6224
24	7	837957.8	827693.5	3718	134.6147	8.1441
25	7	837957.8	827693.5	5878	134.6147	8.1455
26	7	837957.8	827693.5	3694	134.6145	8.1510
27	7	837957.8	827693.5	5856	134.6144	8.1523
28	2	837131.0	826523.3	7247	133.9060	6.6979
29	2	837131.0	826523.3	118	132.5970	6.6674
30	7	837957.8	827693.5	5187	131.5385	8.0523
31	7	837957.8	827693.5	5950	131.5384	8.0551
32	7	837957.8	827693.5	4462	130.7212	7.2573
33	7	837957.8	827693.5	5355	130.7210	7.2593
34	7	837957.8	827693.5	5862	130.7210	7.2593
35	7	837957.8	827693.5	3240	128.5403	7.9567
36	7	837957.8	827693.5	5863	128.5401	7.9626
37	7	837957.8	827693.5	3310	128.5399	7.9683
38	7	837957.8	827693.5	5209	128.5399	7.9698
39	1	837024.4	826491.6	7400	128.1733	6.1001
40	7	837957.8	827693.5	19	128.1631	7.1453
41	7	837957.8	827693.5	7916	128.1595	7.2037
42	7	837957.8	827693.5	5953	128.1583	7.2222
43	7	837957.8	827693.5	5857	128.1579	7.2272
44	7	837957.8	827693.5	3201	128.1579	7.2282
45	7	837957.8	827693.5	3696	128.1579	7.2282
46	2	837131.0	826523.3	7276	127.8762	6.7118
47	2	837131.0	826523.3	7269	127.8736	6.7419
48	1	837024.4	826491.6	8237	126.4024	6.3262
49	1	837024.4	826491.6	6438	126.3910	6.4042
50	7	837957.8	827693.5	1364	125.7787	4.3416

1

HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	128.1733	7400.	6.1001	126.4024	8237.	6.3262
2	837131.0	826523.3	142.8959	1322.	7.4924	142.8887	6430.	7.5367
3	837171.6	826510.0	124.8974	8204.	6.7870	122.9009	7394.	6.7804
4	837219.8	826444.3	96.5079	2136.	4.9245	70.4616	577.	3.9737
5	838068.3	8282003.0	0.0000	7936.	0.0000	0.0000	5135.	0.0000
6	838200.9	828079.6	35.9105	2911.	0.3745	35.9103	2910.	0.3753
7	837957.8	827693.5	162.8946	5954.	7.9028	159.4529	2902.	8.2494

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TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
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1	7	837957.8	827693.5	5208	64.5845	3.6481
2	7	837957.8	827693.5	5880	59.6048	3.3042
3	7	837957.8	827693.5	4992	57.0680	1.3105
4	7	837957.8	827693.5	5856	52.0024	3.4069
5	7	837957.8	827693.5	2928	51.6903	2.5302
6	7	837957.8	827693.5	3768	51.2076	2.9350
7	2	837131.0	826523.3	4800	50.5402	1.8686
8	7	837957.8	827693.5	5232	50.1944	3.1153
9	3	837171.6	826510.0	8208	50.1661	3.0892
10	2	837131.0	826523.3	4824	50.0584	1.2278
11	3	837171.6	826510.0	7416	49.5213	2.4695
12	1	837024.4	826491.6	8256	48.5796	2.3857
13	1	837024.4	826491.6	6456	48.5067	2.9405
14	7	837957.8	827693.5	7656	47.6912	0.9440
15	7	837957.8	827693.5	5808	45.9986	1.7068
16	2	837131.0	826523.3	8208	45.8354	2.9019
17	7	837957.8	827693.5	7824	44.7906	0.7895
18	2	837131.0	826523.3	1008	43.7508	2.4503
19	7	837957.8	827693.5	7056	43.4023	0.8966
20	2	837131.0	826523.3	6528	42.8300	1.6409
21	7	837957.8	827693.5	3744	42.7691	2.2000
22	3	837171.6	826510.0	6552	42.2769	1.8832
23	2	837131.0	826523.3	6456	42.1363	2.6221
24	2	837131.0	826523.3	8088	41.9750	2.4396
25	2	837131.0	826523.3	1968	41.2177	2.5103
26	3	837171.6	826510.0	840	40.9197	2.0468
27	2	837131.0	826523.3	840	39.9846	2.0093
28	2	837131.0	826523.3	1152	39.9564	2.0803
29	3	837171.6	826510.0	7440	39.9284	1.2414
30	2	837131.0	826523.3	8232	39.8947	1.9832
31	3	837171.6	826510.0	6528	39.8542	1.5921
32	2	837131.0	826523.3	624	39.6851	1.7541
33	7	837957.8	827693.5	6144	39.6801	0.8505
34	7	837957.8	827693.5	3264	39.4442	2.8584
35	3	837171.6	826510.0	3456	39.0259	1.7825
36	7	837957.8	827693.5	4584	38.9261	1.9751
37	7	837957.8	827693.5	5328	38.5451	1.6551
38	3	837171.6	826510.0	888	38.3983	2.1209
39	2	837131.0	826523.3	6504	38.3555	2.1592
40	3	837171.6	826510.0	1056	37.3339	1.9612
41	1	837024.4	826491.6	7320	36.9274	1.6464
42	7	837957.8	827693.5	7632	36.5091	0.9491
43	3	837171.6	826510.0	6672	36.3911	1.3564
44	1	837024.4	826491.6	7296	36.2902	2.2260
45	3	837171.6	826510.0	1032	36.2810	1.8417
46	2	837131.0	826523.3	8424	35.8528	0.9554
47	3	837171.6	826510.0	336	35.8476	1.8200
48	7	837957.8	827693.5	3696	35.7366	2.2174
49	7	837957.8	827693.5	4416	35.6462	1.7404
50	7	837957.8	827693.5	5832	35.5601	2.7015

1

HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	48.5796	8256.	2.3857	48.5067	6456.	2.9405
2	837131.0	826523.3	50.5402	4800.	1.8686	50.0584	4824.	1.2278
3	837171.6	826510.0	50.1661	8208.	3.0892	49.5213	7416.	2.4695
4	837219.8	826444.3	34.0229	6552.	1.3557	32.8228	8208.	1.9021
5	838068.3	8282003.0	0.0000	7944.	0.0000	0.0000	5136.	0.0000
6	838200.9	828079.6	15.3604	7656.	0.1957	14.8299	7824.	0.1713
7	837957.8	827693.5	64.5845	5208.	3.6481	59.6048	5880.	3.3042

DATE AT END OF RUN: 07/02/99 TIME AT END OF RUN: 14:14:33.22
 ELAPSED TIME FOR THIS RUN: 0.87249E+03 SECONDS
 OR 0 HOURS 14 MINUTES 32.49 SECONDS

DATE AT START OF RUN: 07/02/99 TIME AT START OF RUN: 14:30:35.57

RUN TITLE:

Tai Po Road (Shatin Section) - Without Mitigation

INPUT FILE NAME: 5.DAT
OUTPUT FILE NAME: 5.LST
MET DATA READ FROM FILE NAME: SHAHKG97.BIN

CONVERGENCE OPTION 1-OFF, 2=ON 1
MET OPTION SWITCH, 1-CARDS, 2=PREPROCESSED 2
PLOT FILE OUTPUT, 1=NO, 2=YES 1
MET DATA PRINT SWITCH, 1=NO, 2=YES 1
POST-PROCESSOR OUTPUT, 1=NO, 2=YES 1
DEP. VEL./GRAV. SETTL. VEL., 1=DEFAULT, 2=USER 1
PRINT 1-HOUR AVERAGE CONCEN, 1=NO, 2=YES 3
PRINT 3-HOUR AVERAGE CONCEN, 1=NO, 2=YES 1
PRINT 8-HOUR AVERAGE CONCEN, 1=NO, 2=YES 1
PRINT 24-HOUR AVERAGE CONCEN, 1=NO, 2=YES 3
PRINT LONG-TERM AVERAGE CONCEN, 1=NO, 2=YES 2
BYPASS RAMMET CALMS RECOGNITION, 1=NO, 2=YES 2
READ HOURLY EMISSION RATES, 1=NO, 2=YES 0
NUMBER OF SOURCES PROCESSED 28
NUMBER OF RECEPTORS PROCESSED 7
NUMBER OF PARTICLE SIZE CLASSES 2
NUMBER OF HOURS OF MET DATA PROCESSED 8784
LENGTH IN MINUTES OF 1-HOUR OF MET DATA 60.
ROUGHNESS LENGTH IN CM 100.00
SCALING FACTOR FOR SOURCE AND RECEPTORS 1.0000
PARTICLE DENSITY IN G/CM**3 2.50
ANEMOMETER HEIGHT IN M 16.00

PREPROCESSED METEOROLOGICAL DATA SELECTION SWITCHES
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GENERAL PARTICLE SIZE CLASS INFORMATION

PARTICLE SIZE CLASS	CHAR. DIA. (UM)	GRAV. SETTLING VELOCITY (M/SEC)	DEPOSITION VELOCITY (M/SEC)	FRACTION IN EACH SIZE CLASS
1	30.0000000	**	**	0.8000
2	10.0000000	**	**	0.2000

** COMPUTED BY FDM

RECEPTOR COORDINATES (X,Y,Z)

(837024., 826492., 6.) (837131., 826523., 7.) (837172., 826510., 7.)
(837220., 826444., 7.) (838068., 8282003., 56.) (838201., 828080., 21.)
(837958., 827694., 10.) (

SOURCE INFORMATION

TYPE	ENTERED EMIS. RATE (G/SEC OR G/SEC/M**2)	TOTAL EMISSION RATE (G/SEC)	WIND SPEED FAC.	X1 (M)	Y1 (M)	X2 (M)	Y2 (M)	HEIGHT (M)	WIDTH (M)
2	0.002980000	0.16771	0.000	837746.	827565.	837789.	827529.	7.50	8.00
2	0.000000000	0.00000	0.000	838321.	828067.	838222.	827989.	7.50	8.00
2	0.000000000	0.00000	0.000	838544.	828219.	838504.	828134.	7.50	17.00
2	0.000000000	0.00000	0.000	838504.	828134.	838441.	828072.	7.50	17.00
2	0.000000000	0.00000	0.000	838441.	828072.	838343.	828013.	7.50	17.00
2	0.004400000	0.36102	0.000	838343.	828013.	838271.	827972.	7.50	17.00
2	0.000000000	0.00000	0.000	838271.	827972.	838175.	827917.	7.50	17.00
2	0.000000000	0.00000	0.000	838175.	827917.	838090.	827854.	7.50	17.00
2	0.000000000	0.00000	0.000	838090.	827854.	838021.	827790.	7.50	17.00
2	0.004400000	0.48709	0.000	838021.	827790.	837941.	827714.	7.50	17.00
2	0.000000000	0.00000	0.000	837941.	827714.	837881.	827654.	7.50	17.00
2	0.000000000	0.00000	0.000	837881.	827654.	837830.	827603.	7.50	17.00
2	0.000000000	0.00000	0.000	837830.	827603.	837764.	827536.	7.50	17.00
2	0.000000000	0.00000	0.000	837764.	827536.	837680.	827426.	7.50	17.00
2	0.004400000	0.50708	0.000	837680.	827426.	837615.	827331.	7.50	17.00
2	0.000000000	0.00000	0.000	837615.	827331.	837548.	827239.	7.50	17.00
2	0.000000000	0.00000	0.000	837548.	827239.	837480.	827145.	7.50	17.00
2	0.000000000	0.00000	0.000	837480.	827145.	837422.	827065.	7.50	17.00
2	0.000000000	0.00000	0.000	837422.	827065.	837362.	826983.	7.50	17.00
2	0.000000000	0.00000	0.000	837362.	826983.	837296.	826894.	7.50	17.00
2	0.000000000	0.00000	0.000	837296.	826894.	837243.	826805.	7.50	17.00
2	0.000000000	0.00000	0.000	837243.	826805.	837210.	826706.	7.50	17.00
2	0.000000000	0.00000	0.000	837210.	826706.	837225.	826608.	7.50	17.00
2	0.003400000	0.26678	0.000	837531.	827274.	837592.	827224.	13.50	8.00
2	0.003400000	0.22209	0.000	837561.	827309.	837566.	827314.	13.50	8.00
2	0.002750000	0.29736	0.000	837566.	827314.	837630.	827401.	7.50	6.00
2	0.002750000	0.09858	0.000	837630.	827401.	837660.	827382.	7.50	6.00
2	0.002750000	0.28274	0.000	837660.	827382.	837606.	827295.	7.50	6.00

 TOTAL EMISSIONS 0.24905E+01 GRAMS/SEC

LONG DISTANCE (50,000 M) MASS CONSERVATION CORRECTION FACTORS USED

1
 8784 HOUR AVERAGE FOR HOUR ENDING 8784
 CONCENTRATIONS IN MICROGRAMS/M**3
 AVERAGE EMISSIONS FOR THIS PERIOD = 0.24903E+01 GRAMS/SEC
 (837024., 826492., 2.090) (837131., 826523., 2.330) (837172., 826510., 2.343)
 (837220., 826444., 2.175) (838068., 8282003., 0.000) (838201., 828080., 4.490)
 (837958., 827694., 63.221) (

1
 8784 HOUR AVERAGE FOR HOUR ENDING 8784
 DEPOSITION RATE IN MICROGRAMS/M**2/SEC
 (837024., 826492., *****) (837131., 826523., *****) (837172., 826510., *****)
 (837220., 826444., *****) (838068., 8282003., *****) (838201., 828080., *****)
 (837958., 827694., *****) (

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	7	837957.8	827693.5	822	333.0817	17.3335
2	7	837957.8	827693.5	790	333.0747	17.3760
3	7	837957.8	827693.5	789	333.0732	17.3853
4	7	837957.8	827693.5	8526	333.0702	17.4026
5	7	837957.8	827693.5	8009	333.0671	17.4209
6	7	837957.8	827693.5	6526	333.0663	17.4254
7	7	837957.8	827693.5	3082	333.0604	17.4599
8	7	837957.8	827693.5	4317	333.0530	17.5005
9	7	837957.8	827693.5	4978	333.0504	17.5150
10	7	837957.8	827693.5	8315	330.5194	17.1520
11	7	837957.8	827693.5	884	330.5190	17.1544
12	7	837957.8	827693.5	1084	330.5180	17.1603
13	7	837957.8	827693.5	8339	330.5107	17.2049
14	7	837957.8	827693.5	85	330.5076	17.2233
15	7	837957.8	827693.5	1916	330.5074	17.2245
16	7	837957.8	827693.5	8651	330.5068	17.2279
17	7	837957.8	827693.5	2386	330.5060	17.2325
18	7	837957.8	827693.5	3437	330.5055	17.2359
19	7	837957.8	827693.5	8017	330.5049	17.2393
20	7	837957.8	827693.5	7411	330.5047	17.2404
21	7	837957.8	827693.5	8016	330.5047	17.2404
22	7	837957.8	827693.5	2780	330.5024	17.2540
23	7	837957.8	827693.5	6556	330.5010	17.2618
24	7	837957.8	827693.5	3059	330.4998	17.2695
25	7	837957.8	827693.5	3074	330.4995	17.2706
26	7	837957.8	827693.5	3073	330.4990	17.2739
27	7	837957.8	827693.5	3935	330.4978	17.2805
28	7	837957.8	827693.5	4427	330.4955	17.2935
29	7	837957.8	827693.5	6428	330.4940	17.3021
30	7	837957.8	827693.5	4916	330.2428	17.3581
31	7	837957.8	827693.5	825	329.8544	15.6271
32	7	837957.8	827693.5	919	329.6589	15.5954
33	7	837957.8	827693.5	8210	329.6577	15.6006
34	7	837957.8	827693.5	274	329.6536	15.6184
35	7	837957.8	827693.5	940	329.6530	15.6210
36	7	837957.8	827693.5	8228	329.6492	15.6374
37	7	837957.8	827693.5	1888	329.6404	17.2876
38	7	837957.8	827693.5	6501	329.6363	17.3137
39	7	837957.8	827693.5	8396	329.6334	15.7045
40	7	837957.8	827693.5	6525	329.6324	17.3382
41	7	837957.8	827693.5	6536	329.6296	15.7202
42	7	837957.8	827693.5	2217	329.6273	15.7297
43	7	837957.8	827693.5	4428	329.6224	17.3989
44	7	837957.8	827693.5	7820	329.6206	15.7567
45	7	837957.8	827693.5	3923	329.6186	15.7648
46	7	837957.8	827693.5	3678	329.6180	15.7671
47	7	837957.8	827693.5	5913	329.6154	15.7774
48	7	837957.8	827693.5	816	324.4017	15.9554
49	7	837957.8	827693.5	8626	324.3897	16.0188
50	7	837957.8	827693.5	3069	324.3712	16.1128

HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	46.6867	80.	0.4772	35.0291	8281.	0.3514
2	837131.0	826523.3	47.8519	7277.	1.9954	47.7924	632.	0.4756
3	837171.6	826510.0	48.8820	3965.	0.5203	48.3385	632.	0.4812
4	837219.8	826444.3	36.8733	3654.	0.3945	36.8732	6672.	0.3957
5	838068.3	8282003.0	0.0000	7936.	0.0000	0.0000	5135.	0.0000
6	838200.9	828079.6	40.8110	1507.	2.1605	40.8096	7962.	2.1703
7	837957.8	827693.5	333.0817	822.	17.3335	333.0747	790.	17.3760

TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK RECEPTOR X-COORDINATE Y-COORDINATE ENDING HOUR CONCENTRATION DEPOSITION

1	7	837957.8	827693.5	6552	255.1544	12.9367
2	7	837957.8	827693.5	888	211.0719	11.9622
3	7	837957.8	827693.5	6528	208.7538	10.2533
4	7	837957.8	827693.5	8016	204.8872	10.0843
5	7	837957.8	827693.5	840	204.3762	11.3527
6	7	837957.8	827693.5	984	192.9170	10.5484
7	7	837957.8	827693.5	1104	173.1072	9.5505
8	7	837957.8	827693.5	960	171.9587	8.7742
9	7	837957.8	827693.5	8592	169.4733	7.8265
10	7	837957.8	827693.5	1032	166.7414	9.1522
11	7	837957.8	827693.5	864	166.5421	9.2432
12	7	837957.8	827693.5	1056	162.2009	8.9165
13	7	837957.8	827693.5	8136	161.6320	7.3956
14	7	837957.8	827693.5	336	159.2442	7.9900
15	7	837957.8	827693.5	72	157.9889	8.7548
16	7	837957.8	827693.5	3456	157.9604	7.9905
17	7	837957.8	827693.5	6504	157.5664	9.0014
18	7	837957.8	827693.5	8112	154.9081	7.5323
19	7	837957.8	827693.5	8208	153.6703	9.4798
20	7	837957.8	827693.5	1152	153.2097	8.5675
21	7	837957.8	827693.5	1920	149.9160	8.0683
22	7	837957.8	827693.5	3432	149.7796	7.1801
23	7	837957.8	827693.5	1896	149.0097	8.2092
24	7	837957.8	827693.5	1824	148.8878	8.5256
25	7	837957.8	827693.5	7416	143.7608	8.0124
26	7	837957.8	827693.5	6336	142.3571	8.2664
27	7	837957.8	827693.5	1176	141.0737	7.8444
28	7	837957.8	827693.5	8400	141.0139	6.3414
29	7	837957.8	827693.5	600	140.3068	7.9610
30	7	837957.8	827693.5	4800	139.3541	6.7012
31	7	837957.8	827693.5	816	138.9057	7.7670
32	7	837957.8	827693.5	1968	137.0072	8.2661
33	7	837957.8	827693.5	6576	134.9096	7.3487
34	7	837957.8	827693.5	8088	134.2974	7.7247
35	7	837957.8	827693.5	96	134.2281	5.8419
36	7	837957.8	827693.5	6672	133.2423	6.3009
37	7	837957.8	827693.5	8232	131.9404	6.9090
38	7	837957.8	827693.5	8544	128.8416	6.0728
39	7	837957.8	827693.5	6432	124.0882	6.9947
40	7	837957.8	827693.5	8184	124.0299	5.9241
41	7	837957.8	827693.5	4824	123.8945	5.0996
42	7	837957.8	827693.5	8640	123.6327	5.8619
43	7	837957.8	827693.5	7992	123.5544	5.9731
44	7	837957.8	827693.5	7224	122.4534	6.3455
45	7	837957.8	827693.5	8568	122.1832	6.3005
46	7	837957.8	827693.5	1008	121.6883	7.0901
47	7	837957.8	827693.5	8424	121.0429	5.0265
48	7	837957.8	827693.5	576	120.4135	7.4099
49	7	837957.8	827693.5	7824	120.2107	4.3831
50	7	837957.8	827693.5	6144	118.1964	4.8281

HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	15.0198	6456.	0.8533	14.4511	8256.	0.5984
2	837131.0	826523.3	18.5550	4824.	0.2502	15.0624	6456.	0.8762
3	837171.6	826510.0	18.7811	4824.	0.2536	14.2045	4800.	0.3056
4	837219.8	826444.3	13.1357	4824.	0.1836	11.6537	8208.	0.6974
5	838068.3	8282003.0	0.0000	7944.	0.0000	0.0000	5136.	0.0000
6	838200.9	828079.6	20.2570	7656.	0.5155	19.4104	7632.	0.3827
7	837957.8	827693.5	255.1544	6552.	12.9367	211.0719	888.	11.9622

DATE AT END OF RUN: 07/02/99 TIME AT END OF RUN: 14:45:08.33
 ELAPSED TIME FOR THIS RUN: 0.87276E+03 SECONDS
 OR 0 HOURS 14 MINUTES 32.76 SECONDS

TOTAL EMISSIONS 0.25210E-01 GRAMS/SEC

LONG DISTANCE (50,000 M) MASS CONSERVATION CORRECTION FACTORS USED

1

8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.25213E+01 GRAMS/SEC
(837024., 826492., 4.947) (837131., 826523., 6.252) (837172., 826510., 6.238)
(837220., 826444., 5.048) (838068., 8282003., 0.000) (838201., 828080., 2.047)
(837958., 827694., 8.938) (

1

8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC
(837024., 826492., *****) (837131., 826523., *****) (837172., 826510., *****)
(837220., 826444., *****) (838068., 8282003., *****) (838201., 828080., *****)
(837958., 827694., *****) (

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

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TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	7	837957.8	827693.5	5954	184.4676	9.0474
2	7	837957.8	827693.5	2902	179.1046	9.3216
3	7	837957.8	827693.5	2926	179.1032	9.3330
4	7	837957.8	827693.5	5877	174.4294	9.8021
5	7	837957.8	827693.5	5324	166.7019	9.6214
6	7	837957.8	827693.5	5832	166.7018	9.6227
7	7	837957.8	827693.5	2661	162.8478	9.4655
8	7	837957.8	827693.5	3596	162.8464	9.4964
9	7	837957.8	827693.5	5190	162.8460	9.5065
10	7	837957.8	827693.5	5207	162.8454	9.5193
11	7	837957.8	827693.5	1364	160.5904	6.2319
12	7	837957.8	827693.5	6860	160.5840	6.2649
13	7	837957.8	827693.5	5336	160.5836	6.2671
14	7	837957.8	827693.5	6812	160.5835	6.2679
15	7	837957.8	827693.5	5409	160.5833	6.2687
16	7	837957.8	827693.5	4145	160.5829	6.2709
17	7	837957.8	827693.5	4209	160.5806	6.2822
18	7	837957.8	827693.5	5328	160.5806	6.2822
19	7	837957.8	827693.5	4965	160.5798	6.2859
20	7	837957.8	827693.5	4977	160.5793	6.2888
21	7	837957.8	827693.5	3284	159.1274	6.6901
22	7	837957.8	827693.5	2496	159.0397	9.3515
23	7	837957.8	827693.5	2854	159.0393	9.3608
24	7	837957.8	827693.5	5211	159.0373	9.4089
25	7	837957.8	827693.5	5949	159.0373	9.4089
26	7	837957.8	827693.5	2324	157.0566	6.8272
27	7	837957.8	827693.5	3061	157.0528	6.8556
28	7	837957.8	827693.5	4173	155.2992	9.2947
29	7	837957.8	827693.5	3695	155.2990	9.3008
30	7	837957.8	827693.5	3718	151.6461	9.1847
31	7	837957.8	827693.5	5878	151.6460	9.1863
32	7	837957.8	827693.5	3694	151.6458	9.1925
33	7	837957.8	827693.5	5856	151.6458	9.1940
34	7	837957.8	827693.5	8690	149.3307	2.8182
35	7	837957.8	827693.5	2261	149.3298	2.8224
36	7	837957.8	827693.5	1708	149.3256	2.8409
37	7	837957.8	827693.5	3606	149.3234	2.8498
38	7	837957.8	827693.5	5260	149.3226	2.8531
39	7	837957.8	827693.5	2498	149.3225	2.8536
40	7	837957.8	827693.5	3603	149.3223	2.8547
41	7	837957.8	827693.5	6766	149.3215	2.8579
42	7	837957.8	827693.5	3006	149.3214	2.8585
43	7	837957.8	827693.5	6767	149.3214	2.8585
44	7	837957.8	827693.5	4056	149.3212	2.8590
45	7	837957.8	827693.5	4057	149.3211	2.8596
46	7	837957.8	827693.5	5957	149.3207	2.8611
47	7	837957.8	827693.5	4974	149.3203	2.8627
48	7	837957.8	827693.5	4975	149.3203	2.8627
49	7	837957.8	827693.5	5454	149.3203	2.8627
50	7	837957.8	827693.5	4302	149.3201	2.8638

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HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	91.5156	80.	1.0220	82.4795	7326.	3.6334
2	837131.0	826523.3	100.2158	7326.	4.3466	100.2155	7325.	4.3482
3	837171.6	826510.0	89.3674	1322.	4.4060	89.3618	6430.	4.4375
4	837219.8	826444.3	57.3533	8204.	2.9409	56.8602	7394.	2.9771
5	838068.3	8282003.0	0.0000	7936.	0.0000	0.0000	5135.	0.0000
6	838200.9	828079.6	35.4228	2911.	0.3696	35.4226	2910.	0.3703
7	837957.8	827693.5	184.4676	5954.	9.0474	179.1046	2902.	9.3216

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TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK RECEPTOR X-COORDINATE Y-COORDINATE ENDING HOUR CONCENTRATION DEPOSITION

1	7	837957.8	827693.5	5208	68.5968	3.9073
2	7	837957.8	827693.5	4992	67.8908	1.8093
3	7	837957.8	827693.5	5880	67.7549	3.7813
4	7	837957.8	827693.5	3768	62.3007	3.6002
5	7	837957.8	827693.5	5856	55.7443	3.6967
6	7	837957.8	827693.5	5232	54.7310	3.4230
7	7	837957.8	827693.5	5808	52.9404	2.0336
8	7	837957.8	827693.5	3744	52.4551	2.7637
9	7	837957.8	827693.5	2928	52.2654	2.6517
10	7	837957.8	827693.5	7656	46.5981	1.0314
11	7	837957.8	827693.5	5328	44.6858	2.0296
12	7	837957.8	827693.5	4584	44.1325	2.3090
13	7	837957.8	827693.5	7056	43.3264	1.0283
14	7	837957.8	827693.5	7824	42.9748	0.8348
15	7	837957.8	827693.5	3288	40.4026	2.1990
16	7	837957.8	827693.5	4416	40.1554	2.0334
17	7	837957.8	827693.5	3264	40.1409	2.9381
18	7	837957.8	827693.5	6144	39.0889	0.9333
19	7	837957.8	827693.5	5832	38.9141	2.9573
20	7	837957.8	827693.5	3696	38.6691	2.4155
21	7	837957.8	827693.5	3336	38.3628	2.6844
22	7	837957.8	827693.5	7632	36.9327	1.0655
23	7	837957.8	827693.5	4968	36.7355	1.3069
24	7	837957.8	827693.5	3720	36.1695	2.2922
25	7	837957.8	827693.5	5184	35.5005	2.1744
26	1	837024.4	826491.6	6456	35.4135	2.1222
27	2	837131.0	826523.3	4824	34.9771	0.6333
28	7	837957.8	827693.5	5352	34.3089	2.0437
29	3	837171.6	826510.0	8208	33.8661	2.0880
30	7	837957.8	827693.5	3840	33.4971	2.6514
31	1	837024.4	826491.6	8256	33.2518	1.5351
32	7	837957.8	827693.5	5976	33.0191	1.1117
33	2	837131.0	826523.3	4800	32.2698	0.9852
34	7	837957.8	827693.5	6816	31.9954	0.6582
35	7	837957.8	827693.5	6024	31.5720	1.3764
36	7	837957.8	827693.5	4464	31.3779	2.0167
37	7	837957.8	827693.5	3240	30.9185	2.2282
38	7	837957.8	827693.5	4560	30.6443	1.9093
39	2	837131.0	826523.3	6456	30.3677	1.8652
40	7	837957.8	827693.5	3672	30.1631	1.5489
41	7	837957.8	827693.5	5904	29.7161	1.7296
42	2	837131.0	826523.3	1008	29.5824	1.6092
43	2	837131.0	826523.3	8208	29.5663	1.8623
44	7	837957.8	827693.5	4392	29.4708	1.4633
45	7	837957.8	827693.5	1608	29.0978	0.4180
46	7	837957.8	827693.5	3312	29.0943	1.7091
47	2	837131.0	826523.3	1968	28.0001	1.6915
48	7	837957.8	827693.5	3624	27.9158	0.8525
49	7	837957.8	827693.5	3816	27.8626	2.4246
50	3	837171.6	826510.0	7416	27.8439	1.4716

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HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	35.4135	6456.	2.1222	33.2518	8256.	1.5351
2	837131.0	826523.3	34.9771	4824.	0.6333	32.2698	4800.	0.9852
3	837171.6	826510.0	33.8661	8208.	2.0880	27.8439	7416.	1.4716
4	837219.8	826444.3	27.6129	8208.	1.6232	22.9955	7416.	1.0519
5	838068.3	8282003.0	0.0000	7944.	0.0000	0.0000	5136.	0.0000
6	838200.9	828079.6	15.2130	7656.	0.1961	14.7238	2928.	0.5940
7	837957.8	827693.5	68.5968	5208.	3.9073	67.8908	4992.	1.8093

DATE AT END OF RUN: 07/02/99 TIME AT END OF RUN: 15:00:19.93

ELAPSED TIME FOR THIS RUN: 0.87243E+03 SECONDS

OR 0 HOURS 14 MINUTES 32.43 SECONDS

TOTAL EMISSIONS 0.15194E+01 GRAMS/SEC

LONG DISTANCE (50,000 M) MASS CONSERVATION CORRECTION FACTORS USED

1

8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.15194E-01 GRAMS/SEC
(837024., 826492., 2.653) (837131., 826523., 3.271) (837172., 826510., 3.284)
(837220., 826444., 2.745) (838068., 8282003., 0.000) (838201., 828080., 2.296)
(837958., 827694., 14.490) (

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC
(837024., 826492., *****) (837131., 826523., *****) (837172., 826510., *****)
(837220., 826444., *****) (838068., 8282003., *****) (838201., 828080., *****)
(837958., 827694., *****) (

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

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TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	7	837957.8	827693.5	7400	135.6419	6.5521
2	7	837957.8	827693.5	8237	132.7294	6.6911
3	7	837957.8	827693.5	6438	132.7175	6.7718
4	7	837957.8	827693.5	244	131.3591	6.7084
5	7	837957.8	827693.5	124	131.3578	6.7186
6	7	837957.8	827693.5	122	131.3573	6.7222
7	7	837957.8	827693.5	747	130.3497	6.0642
8	7	837957.8	827693.5	8290	130.3326	5.9843
9	7	837957.8	827693.5	8338	130.3289	5.9991
10	7	837957.8	827693.5	8108	130.3274	6.0048
11	7	837957.8	827693.5	706	130.3270	6.0064
12	7	837957.8	827693.5	7317	130.3248	6.0152
13	7	837957.8	827693.5	2889	130.3190	6.0377
14	7	837957.8	827693.5	2493	130.3187	6.0387
15	7	837957.8	827693.5	2505	130.3187	6.0387
16	7	837957.8	827693.5	2865	130.3178	6.0421
17	7	837957.8	827693.5	4134	130.3167	6.0459
18	7	837957.8	827693.5	5467	130.3164	6.0474
19	7	837957.8	827693.5	4641	130.3122	6.0623
20	7	837957.8	827693.5	6463	129.8466	6.7835
21	7	837957.8	827693.5	80	129.8062	3.5255
22	7	837957.8	827693.5	7474	128.5009	6.4149
23	7	837957.8	827693.5	6945	128.4968	6.4374
24	7	837957.8	827693.5	1155	127.5995	5.6321
25	7	837957.8	827693.5	288	127.5935	5.6597
26	7	837957.8	827693.5	7251	127.5867	5.6903
27	7	837957.8	827693.5	3430	127.5862	5.6925
28	7	837957.8	827693.5	3432	127.5859	5.6936
29	7	837957.8	827693.5	8255	127.5822	5.4661
30	7	837957.8	827693.5	8230	127.5808	5.4716
31	7	837957.8	827693.5	1198	127.5807	5.4722
32	7	837957.8	827693.5	6655	127.1484	5.2990
33	7	837957.8	827693.5	1199	126.5616	6.7012
34	7	837957.8	827693.5	1461	126.5604	6.7142
35	7	837957.8	827693.5	7296	126.5564	6.7546
36	7	837957.8	827693.5	289	126.3048	4.9723
37	7	837957.8	827693.5	2591	126.2937	5.0095
38	7	837957.8	827693.5	4640	126.2864	5.0325
39	7	837957.8	827693.5	1156	125.6672	5.7553
40	7	837957.8	827693.5	2471	125.4283	6.4757
41	7	837957.8	827693.5	2137	124.9930	4.6568
42	7	837957.8	827693.5	1641	124.9927	4.6577
43	7	837957.8	827693.5	5495	124.9803	4.6942
44	7	837957.8	827693.5	8236	124.8232	6.6475
45	7	837957.8	827693.5	7703	124.8203	6.6814
46	7	837957.8	827693.5	6437	124.8146	6.7459
47	7	837957.8	827693.5	5403	123.2698	4.2854
48	7	837957.8	827693.5	1998	121.5792	6.4108
49	7	837957.8	827693.5	2841	121.5738	6.4627
50	7	837957.8	827693.5	1761	121.2784	3.8106

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HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	50.6364	80.	0.5340	43.5980	7277.	2.0265
2	837131.0	826523.3	58.5031	7277.	2.7212	58.4665	7326.	2.4956
3	837171.6	826510.0	60.0062	1322.	2.8978	60.0023	6430.	2.9198
4	837219.8	826444.3	40.5885	8204.	2.0119	40.3288	7394.	2.0475
5	838068.3	8282003.0	0.0000	7936.	0.0000	0.0000	5135.	0.0000
6	838200.9	828079.6	29.2637	3945.	1.6229	27.7928	2274.	1.5856
7	837957.8	827693.5	135.6419	7400.	6.5521	132.7294	8237.	6.6911

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TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK RECEPTOR X-COORDINATE Y-COORDINATE ENDING HOUR CONCENTRATION DEPOSITION

1	7	837957.8	827693.5	8256	66.6634	3.5525
2	7	837957.8	827693.5	4800	59.6113	2.8140
3	7	837957.8	827693.5	6456	59.0120	3.6610
4	7	837957.8	827693.5	7320	54.8369	2.8432
5	7	837957.8	827693.5	1176	47.9627	2.6293
6	7	837957.8	827693.5	4824	45.3063	1.6762
7	7	837957.8	827693.5	6504	44.8736	2.6960
8	7	837957.8	827693.5	7296	44.0844	2.7761
9	7	837957.8	827693.5	6480	43.9327	2.8663
10	7	837957.8	827693.5	1152	42.7133	2.4612
11	7	837957.8	827693.5	8112	41.8243	1.7201
12	7	837957.8	827693.5	8232	41.6867	2.3420
13	7	837957.8	827693.5	1968	41.6107	2.5533
14	7	837957.8	827693.5	8088	41.5129	2.5515
15	7	837957.8	827693.5	1008	41.1729	2.4574
16	7	837957.8	827693.5	528	40.4575	2.3787
17	7	837957.8	827693.5	6360	39.4705	2.5522
18	7	837957.8	827693.5	1944	38.2934	2.1099
19	7	837957.8	827693.5	8136	38.2217	1.4801
20	7	837957.8	827693.5	8184	37.3270	1.7815
21	7	837957.8	827693.5	6672	33.9278	1.7622
22	7	837957.8	827693.5	624	33.4074	1.7641
23	7	837957.8	827693.5	7272	33.1686	2.0125
24	7	837957.8	827693.5	6528	32.6709	1.5902
25	7	837957.8	827693.5	3744	32.3071	1.2864
26	7	837957.8	827693.5	7344	32.1358	1.7001
27	7	837957.8	827693.5	1824	31.9298	1.8694
28	7	837957.8	827693.5	840	31.1129	1.7341
29	7	837957.8	827693.5	3432	29.9300	1.5290
30	7	837957.8	827693.5	5496	29.5529	1.1290
31	7	837957.8	827693.5	6816	29.5365	0.9371
32	7	837957.8	827693.5	3600	28.9446	1.2331
33	7	837957.8	827693.5	1056	28.9053	1.6598
34	7	837957.8	827693.5	1128	28.8833	1.7753
35	7	837957.8	827693.5	2112	28.1235	1.4171
36	7	837957.8	827693.5	7224	28.0790	1.6165
37	7	837957.8	827693.5	8400	28.0256	1.1350
38	7	837957.8	827693.5	5472	27.9431	1.0051
39	7	837957.8	827693.5	7416	27.9396	1.7789
40	7	837957.8	827693.5	1920	27.0613	1.4748
41	7	837957.8	827693.5	864	26.7579	1.5399
42	7	837957.8	827693.5	4248	26.6606	0.9317
43	7	837957.8	827693.5	7800	26.5073	1.1642
44	7	837957.8	827693.5	1464	26.4621	1.6697
45	7	837957.8	827693.5	1200	26.1414	1.3612
46	7	837957.8	827693.5	3696	25.7618	1.2831
47	7	837957.8	827693.5	3936	25.6686	1.0224
48	7	837957.8	827693.5	8040	25.3981	1.5773
49	7	837957.8	827693.5	8592	25.3733	1.2477
50	7	837957.8	827693.5	120	25.3219	1.7165

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HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	19.1023	6456.	1.1311	17.8434	8256.	0.7987
2	837131.0	826523.3	19.9067	4824.	0.3276	17.5191	4800.	0.4904
3	837171.6	826510.0	18.6866	8208.	1.1495	14.2569	1968.	0.8531
4	837219.8	826444.3	16.0289	8208.	0.9492	15.0638	7416.	0.6417
5	838068.3	8282003.0	0.0000	7944.	0.0000	0.0000	5136.	0.0000
6	838200.9	828079.6	16.3328	3768.	0.8935	14.0352	3744.	0.6708
7	837957.8	827693.5	66.6634	8256.	3.5525	59.6113	4800.	2.8140
DATE AT END OF RUN: 07/02/99			TIME AT END OF RUN: 15:16:41.56					
ELAPSED TIME FOR THIS RUN:			0.82009E+03 SECONDS					
OR 0 HOURS 13 MINUTES			40.09 SECONDS					

TOTAL EMISSIONS 0.86679E-00 GRAMS/SEC

LONG DISTANCE (50,000 M) MASS CONSERVATION CORRECTION FACTORS USED

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.86688E-00 GRAMS/SEC
(837024., 826492., 0.569) (837131., 826523., 0.631) (837172., 826510., 0.634)
(837220., 826444., 0.591) (838068., 8282003., 0.000) (838201., 828080., 2.385)
(837958., 827694., 7.114) (

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC
(837024., 826492., *****) (837131., 826523., *****) (837172., 826510., *****)
(837220., 826444., *****) (838068., 8282003., *****) (838201., 828080., *****)
(837958., 827694., *****) (

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

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TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	7	837957.8	827693.5	2097	94.7109	4.9319
2	7	837957.8	827693.5	2108	94.7100	4.9377
3	7	837957.8	827693.5	5923	94.7056	4.9622
4	7	837957.8	827693.5	7052	93.0841	4.8549
5	7	837957.8	827693.5	7066	93.0837	4.8567
6	7	837957.8	827693.5	7027	93.0834	4.8585
7	7	837957.8	827693.5	261	90.5907	4.2715
8	7	837957.8	827693.5	3129	90.5787	4.3228
9	7	837957.8	827693.5	5924	90.5774	4.3278
10	7	837957.8	827693.5	3034	87.1712	4.5474
11	7	837957.8	827693.5	2874	87.1710	4.5483
12	7	837957.8	827693.5	7051	87.1709	4.8691
13	7	837957.8	827693.5	7067	87.1709	4.8696
14	7	837957.8	827693.5	7026	87.1706	4.8720
15	7	837957.8	827693.5	4372	87.1703	4.5520
16	7	837957.8	827693.5	4371	87.1702	4.5528
17	7	837957.8	827693.5	4941	86.9280	4.5305
18	7	837957.8	827693.5	4940	86.9278	4.5313
19	7	837957.8	827693.5	4954	86.9271	4.5351
20	7	837957.8	827693.5	3107	85.6762	4.0728
21	7	837957.8	827693.5	3033	85.4770	4.1022
22	7	837957.8	827693.5	4939	84.7720	4.7337
23	7	837957.8	827693.5	4955	84.7717	4.7367
24	7	837957.8	827693.5	2371	84.3743	4.7048
25	7	837957.8	827693.5	260	84.2688	4.3399
26	7	837957.8	827693.5	1890	84.2669	4.3512
27	7	837957.8	827693.5	2251	84.2645	4.3658
28	7	837957.8	827693.5	3943	84.2635	4.3718
29	7	837957.8	827693.5	4354	84.2632	4.3733
30	7	837957.8	827693.5	4353	84.2632	4.3735
31	7	837957.8	827693.5	4352	84.2631	4.3738
32	7	837957.8	827693.5	5383	84.2628	4.3755
33	7	837957.8	827693.5	5384	84.2628	4.3758
34	7	837957.8	827693.5	4140	84.2625	4.3775
35	7	837957.8	827693.5	4376	83.3999	4.3534
36	7	837957.8	827693.5	1856	82.8818	4.4100
37	7	837957.8	827693.5	381	82.4754	3.8876
38	7	837957.8	827693.5	4239	82.4701	3.9106
39	7	837957.8	827693.5	7065	82.4695	3.9130
40	7	837957.8	827693.5	7053	82.4689	3.9156
41	7	837957.8	827693.5	7028	82.4684	3.9176
42	7	837957.8	827693.5	3909	82.4682	3.9182
43	7	837957.8	827693.5	8635	80.4193	4.1425
44	7	837957.8	827693.5	8636	80.4192	4.1428
45	7	837957.8	827693.5	7340	80.4181	4.1494
46	7	837957.8	827693.5	4419	80.4170	4.1558
47	7	837957.8	827693.5	4420	80.4170	4.1561
48	7	837957.8	827693.5	3971	80.4165	4.1589
49	7	837957.8	827693.5	3972	80.4163	4.1600
50	7	837957.8	827693.5	4906	80.4141	4.1722

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HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	12.2149	80.	0.1250	10.5182	8281.	0.1055
2	837131.0	826523.3	11.8147	80.	0.1216	11.6485	7277.	0.4878
3	837171.6	826510.0	12.0423	632.	0.1203	12.0422	625.	0.1208
4	837219.8	826444.3	9.7375	3965.	0.1031	9.2192	632.	0.0914
5	838068.3	8282003.0	0.0000	7936.	0.0000	0.0000	5135.	0.0000
6	838200.9	828079.6	23.6679	5059.	1.3391	23.1623	8370.	1.2994
7	837957.8	827693.5	94.7109	2097.	4.9319	94.7100	2108.	4.9377

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TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK RECEPTOR X-COORDINATE Y-COORDINATE ENDING HOUR CONCENTRATION DEPOSITION

1	7	837957.8	827693.5	4944	38.3895	1.8802
2	7	837957.8	827693.5	4968	34.5633	1.4874
3	7	837957.8	827693.5	7056	30.9845	1.3528
4	7	837957.8	827693.5	7080	28.8978	1.2086
5	7	837957.8	827693.5	7032	26.5166	1.1054
6	7	837957.8	827693.5	4392	24.5836	1.3080
7	7	837957.8	827693.5	8352	21.9001	0.7680
8	7	837957.8	827693.5	5784	20.7210	0.9155
9	7	837957.8	827693.5	7464	19.9425	0.6502
10	7	837957.8	827693.5	5928	19.8066	0.8463
11	7	837957.8	827693.5	5472	19.5400	0.6838
12	7	837957.8	827693.5	3744	19.1625	0.9474
13	7	837957.8	827693.5	5880	18.9714	1.0942
14	7	837957.8	827693.5	3768	18.5928	1.0730
15	7	837957.8	827693.5	3696	18.4906	1.0024
16	7	837957.8	827693.5	5952	17.8715	1.0424
17	7	837957.8	827693.5	4920	16.4425	0.7344
18	7	837957.8	827693.5	264	16.0675	0.7012
19	7	837957.8	827693.5	4368	15.6259	0.8061
20	7	837957.8	827693.5	4992	15.3623	0.5817
21	7	837957.8	827693.5	2112	15.2049	0.7802
22	7	837957.8	827693.5	5400	15.1535	0.7265
23	7	837957.8	827693.5	3048	15.1372	0.7926
24	7	837957.8	827693.5	5280	15.1140	0.6027
25	7	837957.8	827693.5	7344	15.0997	0.6453
26	7	837957.8	827693.5	5544	15.0637	0.7395
27	7	837957.8	827693.5	288	14.6496	0.4416
28	7	837957.8	827693.5	600	14.5566	0.8133
29	7	837957.8	827693.5	5208	14.5407	0.8528
30	7	837957.8	827693.5	5904	14.0150	0.6560
31	7	837957.8	827693.5	8424	13.7868	0.5801
32	7	837957.8	827693.5	3144	13.6687	0.5464
33	7	837957.8	827693.5	4152	13.6329	0.5747
34	7	837957.8	827693.5	4224	13.5881	0.7257
35	7	837957.8	827693.5	3960	13.3935	0.7373
36	7	837957.8	827693.5	1728	13.3743	0.5116
37	7	837957.8	827693.5	3288	13.2711	0.7247
38	7	837957.8	827693.5	8328	13.2655	0.5182
39	7	837957.8	827693.5	6648	13.2384	0.5954
40	7	837957.8	827693.5	4584	13.2082	0.7676
41	7	837957.8	827693.5	5856	13.0589	0.9113
42	7	837957.8	827693.5	7728	12.9195	0.6018
43	7	837957.8	827693.5	8736	12.7806	0.4234
44	7	837957.8	827693.5	1128	12.6744	0.7532
45	7	837957.8	827693.5	8376	12.5885	0.5074
46	7	837957.8	827693.5	7008	12.5518	0.3582
47	7	837957.8	827693.5	3600	12.5496	0.4935
48	7	837957.8	827693.5	672	12.4421	0.4762
49	7	837957.8	827693.5	5232	12.4326	0.8497
50	7	837957.8	827693.5	2904	12.3490	0.5828

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HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	4.0058	6456.	0.2238	3.9350	8256.	0.1594
2	837131.0	826523.3	4.5585	4824.	0.0625	4.0703	6456.	0.2317
3	837171.6	826510.0	4.7195	4824.	0.0644	3.7532	6456.	0.2148
4	837219.8	826444.3	3.6941	4824.	0.0509	2.9824	4800.	0.0621
5	838068.3	8282003.0	0.0000	7944.	0.0000	0.0000	5136.	0.0000
6	838200.9	828079.6	10.5355	2184.	0.5388	8.4632	2208.	0.4547
7	837957.8	827693.5	38.3895	4944.	1.8802	34.5633	4968.	1.4874
DATE AT END OF RUN: 07/02/99			TIME AT END OF RUN: 16:01:02.37					
ELAPSED TIME FOR THIS RUN:			0.50191E+03 SECONDS					
OR 0 HOURS 8 MINUTES			21.91 SECONDS					

TOTAL EMISSIONS 0.70449E+00 GRAMS/SEC

LONG DISTANCE (50,000 M) MASS CONSERVATION CORRECTION FACTORS USED

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.70454E+00 GRAMS/SEC
(837024., 826492., 0.526) (837131., 826523., 0.585) (837172., 826510., 0.588)
(837220., 826444., 0.547) (838068., 8282003., 0.000) (838201., 828080., 1.712)
(837958., 827694., 4.740) (

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC
(837024., 826492., *****) (837131., 826523., *****) (837172., 826510., *****)
(837220., 826444., *****) (838068., 8282003., *****) (838201., 828080., *****)
(837958., 827694., *****) (

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

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TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	7	837957.8	827693.5	237	57.0991	2.5964
2	7	837957.8	827693.5	1700	57.0934	2.6207
3	7	837957.8	827693.5	5761	55.8516	2.3876
4	7	837957.8	827693.5	5952	55.5544	2.2740
5	7	837957.8	827693.5	1755	55.0588	2.1215
6	7	837957.8	827693.5	4105	55.0556	2.1309
7	7	837957.8	827693.5	267	54.2306	1.5171
8	7	837957.8	827693.5	1543	54.2264	1.5284
9	7	837957.8	827693.5	1544	54.2263	1.5286
10	7	837957.8	827693.5	1545	54.2250	1.5319
11	7	837957.8	827693.5	1364	53.4708	2.2998
12	7	837957.8	827693.5	6860	53.4686	2.3093
13	7	837957.8	827693.5	5336	53.4685	2.3100
14	7	837957.8	827693.5	6812	53.4685	2.3102
15	7	837957.8	827693.5	5409	53.4684	2.3104
16	7	837957.8	827693.5	4145	53.4682	2.3111
17	7	837957.8	827693.5	4209	53.4682	2.3111
18	7	837957.8	827693.5	5328	53.4675	2.3143
19	7	837957.8	827693.5	4965	53.4673	2.3154
20	7	837957.8	827693.5	4977	53.4671	2.3163
21	7	837957.8	827693.5	3927	53.1731	2.7216
22	7	837957.8	827693.5	3062	53.1727	2.7238
23	7	837957.8	827693.5	3284	52.9736	2.4270
24	7	837957.8	827693.5	269	52.3816	1.4767
25	7	837957.8	827693.5	270	52.3814	1.4775
26	7	837957.8	827693.5	240	52.3812	1.4780
27	7	837957.8	827693.5	271	52.3809	1.4788
28	7	837957.8	827693.5	264	52.3807	1.4793
29	7	837957.8	827693.5	239	52.3806	1.4795
30	7	837957.8	827693.5	266	52.3805	1.4797
31	7	837957.8	827693.5	673	52.3803	1.4802
32	7	837957.8	827693.5	672	52.3801	1.4808
33	7	837957.8	827693.5	263	52.3801	1.4810
34	7	837957.8	827693.5	8360	52.3781	1.4862
35	7	837957.8	827693.5	8359	52.3780	1.4864
36	7	837957.8	827693.5	1542	52.3774	1.4878
37	7	837957.8	827693.5	1541	52.3766	1.4899
38	7	837957.8	827693.5	1424	52.3763	1.4908
39	7	837957.8	827693.5	8720	52.3761	1.4911
40	7	837957.8	827693.5	8721	52.3757	1.4922
41	7	837957.8	827693.5	1586	52.3752	1.4935
42	7	837957.8	827693.5	20	52.3737	1.4972
43	7	837957.8	827693.5	1756	52.3730	1.4988
44	7	837957.8	827693.5	1701	52.3719	1.5014
45	7	837957.8	827693.5	3555	52.3708	1.5039
46	7	837957.8	827693.5	3604	52.3707	1.5042
47	7	837957.8	827693.5	3605	52.3707	1.5042
48	7	837957.8	827693.5	6006	52.3699	1.5058
49	7	837957.8	827693.5	7006	52.3698	1.5061
50	7	837957.8	827693.5	5455	52.3694	1.5070

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HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	11.3978	80.	0.1167	9.1093	8281.	0.0915
2	837131.0	826523.3	11.5203	7277.	0.4875	11.4969	7247.	0.5029
3	837171.6	826510.0	11.5784	3965.	0.1238	11.5692	7277.	0.4832
4	837219.8	826444.3	8.9893	3965.	0.0952	8.4868	3654.	0.0912
5	838068.3	8282003.0	0.0000	7936.	0.0000	0.0000	5135.	0.0000
6	838200.9	828079.6	13.2990	4483.	0.6897	12.8512	4411.	0.6585
7	837957.8	827693.5	57.0991	237.	2.5964	57.0934	1700.	2.6207

1

TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
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1	7	837957.8	827693.5	5880	21.5372	1.2137
2	7	837957.8	827693.5	3768	21.3179	1.2425
3	7	837957.8	827693.5	4992	20.6957	0.6722
4	7	837957.8	827693.5	3744	20.3218	1.0453
5	7	837957.8	827693.5	5208	18.2587	1.0666
6	7	837957.8	827693.5	5856	15.4109	1.0549
7	7	837957.8	827693.5	5232	15.2720	0.9845
8	7	837957.8	827693.5	5808	15.1761	0.6228
9	7	837957.8	827693.5	5328	14.2216	0.7138
10	7	837957.8	827693.5	3288	13.6440	0.7363
11	7	837957.8	827693.5	3696	13.5901	0.7831
12	7	837957.8	827693.5	4584	13.3039	0.7382
13	7	837957.8	827693.5	4392	12.9732	0.6998
14	7	837957.8	827693.5	1560	12.6271	0.3926
15	7	837957.8	827693.5	288	12.5054	0.3758
16	7	837957.8	827693.5	8256	12.3930	0.6447
17	7	837957.8	827693.5	4968	12.2457	0.5119
18	7	837957.8	827693.5	2928	12.0640	0.6743
19	7	837957.8	827693.5	5472	11.9746	0.4269
20	7	837957.8	827693.5	4416	11.9548	0.6465
21	7	837957.8	827693.5	5352	11.6821	0.6855
22	7	837957.8	827693.5	3624	11.4661	0.4053
23	7	837957.8	827693.5	1776	11.3465	0.5093
24	7	837957.8	827693.5	7056	11.0171	0.3767
25	7	837957.8	827693.5	5832	10.9891	0.8393
26	7	837957.8	827693.5	3336	10.8430	0.7695
27	7	837957.8	827693.5	6816	10.8238	0.3075
28	7	837957.8	827693.5	7320	10.6856	0.5408
29	7	837957.8	827693.5	5952	10.3717	0.5476
30	7	837957.8	827693.5	6456	10.2617	0.6367
31	7	837957.8	827693.5	5976	10.1954	0.3885
32	7	837957.8	827693.5	3048	10.1402	0.5502
33	7	837957.8	827693.5	3600	10.0967	0.4683
34	7	837957.8	827693.5	7008	9.9919	0.3108
35	7	837957.8	827693.5	7656	9.9759	0.2830
36	7	837957.8	827693.5	3672	9.9628	0.5012
37	7	837957.8	827693.5	3720	9.9473	0.6415
38	7	837957.8	827693.5	2856	9.8216	0.5359
39	7	837957.8	827693.5	3264	9.7788	0.7353
40	7	837957.8	827693.5	4224	9.6094	0.5271
41	7	837957.8	827693.5	3240	9.5841	0.6651
42	7	837957.8	827693.5	6024	9.4260	0.4338
43	7	837957.8	827693.5	7632	9.3877	0.3560
44	7	837957.8	827693.5	240	9.3444	0.3541
45	7	837957.8	827693.5	5784	9.1827	0.2879
46	7	837957.8	827693.5	6480	9.1746	0.6066
47	7	837957.8	827693.5	1872	9.0724	0.5295
48	7	837957.8	827693.5	5184	9.0547	0.5693
49	7	837957.8	827693.5	528	8.9612	0.5142
50	7	837957.8	827693.5	7824	8.9088	0.2220

HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	3.7386	6456.	0.2115	3.6301	8256.	0.1497
2	837131.0	826523.3	4.4282	4824.	0.0607	3.7675	6456.	0.2175
3	837171.6	826510.0	4.5201	4824.	0.0619	3.4936	4800.	0.0766
4	837219.8	826444.3	3.3264	4824.	0.0466	2.8027	8208.	0.1686
5	838068.3	8282003.0	0.0000	7944.	0.0000	0.0000	5136.	0.0000
6	838200.9	828079.6	7.7661	3768.	0.4277	6.8901	4416.	0.3046
7	837957.8	827693.5	21.5372	5880.	1.2137	21.3179	3768.	1.2425

DATE AT END OF RUN: 07/02/99 TIME AT END OF RUN: 16:09:28.67
 ELAPSED TIME FOR THIS RUN: 0.479888E-03 SECONDS
 OR 0 HOURS 7 MINUTES 59.88 SECONDS

TOTAL EMISSIONS 0.77688E+00 GRAMS/SEC

LONG DISTANCE (50,000 M) MASS CONSERVATION CORRECTION FACTORS USED

1
8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.77694E+00 GRAMS/SEC
(837024., 826492., 1.595) (837131., 826523., 2.035) (837172., 826510., 2.034)
(837220., 826444., 1.632) (838068., 8282003., 0.000) (838201., 828080., 1.383)
(837958., 827694., 1.915) (

1
8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC
(837024., 826492., *****) (837131., 826523., *****) (837172., 826510., *****)
(837220., 826444., *****) (838068., 8282003., *****) (838201., 828080., *****)
(837958., 827694., *****) (

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	3	837171.6	826510.0	1322	32.8018	1.6249
2	3	837171.6	826510.0	6430	32.7997	1.6364
3	2	837131.0	826523.3	7326	32.2089	1.4566
4	2	837131.0	826523.3	7325	32.2088	1.4571
5	2	837131.0	826523.3	7324	32.2087	1.4576
6	3	837171.6	826510.0	8206	32.1444	1.6584
7	2	837131.0	826523.3	7277	32.1354	1.5639
8	2	837131.0	826523.3	7247	31.9643	1.5895
9	2	837131.0	826523.3	118	31.7399	1.5886
10	2	837131.0	826523.3	7276	30.8105	1.6142
11	2	837131.0	826523.3	7269	30.8099	1.6214
12	2	837131.0	826523.3	1322	28.8772	1.4597
13	2	837131.0	826523.3	6430	28.8754	1.4693
14	2	837131.0	826523.3	8206	28.2013	1.4791
15	3	837171.6	826510.0	6371	28.0483	1.5789
16	3	837171.6	826510.0	5673	28.0482	1.5815
17	2	837131.0	826523.3	8213	28.0254	1.5290
18	2	837131.0	826523.3	1135	28.0254	1.5292
19	2	837131.0	826523.3	984	28.0251	1.5338
20	1	837024.4	826491.6	80	28.0182	0.3142
21	2	837131.0	826523.3	1183	27.4509	1.5186
22	2	837131.0	826523.3	988	27.4509	1.5201
23	2	837131.0	826523.3	8253	27.4508	1.5211
24	2	837131.0	826523.3	8231	27.4507	1.5231
25	2	837131.0	826523.3	2546	27.4497	1.5406
26	2	837131.0	826523.3	6435	27.4493	1.5469
27	3	837171.6	826510.0	578	27.4401	1.5255
28	3	837171.6	826510.0	1029	27.4395	1.5364
29	3	837171.6	826510.0	8068	27.4394	1.5379
30	3	837171.6	826510.0	8072	27.4394	1.5382
31	3	837171.6	826510.0	1950	27.4392	1.5416
32	3	837171.6	826510.0	7762	27.4385	1.5551
33	3	837171.6	826510.0	3441	27.4384	1.5561
34	3	837171.6	826510.0	6457	27.4382	1.5595
35	3	837171.6	826510.0	7388	27.4381	1.5624
36	3	837171.6	826510.0	6657	27.4379	1.5646
37	2	837131.0	826523.3	8578	26.8613	1.5076
38	2	837131.0	826523.3	7225	26.8605	1.5238
39	3	837171.6	826510.0	1034	26.8184	1.5163
40	3	837171.6	826510.0	8069	26.8181	1.5220
41	3	837171.6	826510.0	1278	26.8180	1.5249
42	3	837171.6	826510.0	1969	26.8179	1.5264
43	3	837171.6	826510.0	3433	26.8173	1.5393
44	3	837171.6	826510.0	5697	26.8167	1.5516
45	3	837171.6	826510.0	5553	26.8164	1.5566
46	1	837024.4	826491.6	7326	26.7668	1.2134
47	1	837024.4	826491.6	7325	26.7667	1.2138
48	1	837024.4	826491.6	7324	26.7666	1.2142
49	1	837024.4	826491.6	7277	26.7192	1.3036
50	1	837024.4	826491.6	7247	26.5758	1.3247

HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	28.0182	80.	0.3142	26.7668	7326.	1.2134
2	837131.0	826523.3	32.2089	7326.	1.4566	32.2088	7325.	1.4571
3	837171.6	826510.0	32.8018	1322.	1.6249	32.7997	6430.	1.6364
4	837219.8	826444.3	21.6972	8204.	1.1020	21.5241	7394.	1.1172
5	838068.3	8282003.0	0.0000	7936.	0.0000	0.0000	5135.	0.0000
6	838200.9	828079.6	12.8092	38.	0.6660	12.8092	39.	0.6660
7	837957.8	827693.5	24.5611	5877.	1.3655	24.1738	4462.	1.3272

TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK RECEPTOR X-COORDINATE Y-COORDINATE ENDING HOUR CONCENTRATION DEPOSITION

1	6	838200.9	828079.6	2184	12.8091	0.6660
2	1	837024.4	826491.6	6456	11.3780	0.6850
3	7	837957.8	827693.5	5208	11.3721	0.6359
4	3	837171.6	826510.0	8208	11.3642	0.7010
5	1	837024.4	826491.6	8256	10.6887	0.4983
6	2	837131.0	826523.3	4824	10.6883	0.2012
7	7	837957.8	827693.5	5880	10.4737	0.5652
8	2	837131.0	826523.3	4800	10.2541	0.3255
9	7	837957.8	827693.5	7656	9.8738	0.1769
10	2	837131.0	826523.3	8208	9.8148	0.6186
11	7	837957.8	827693.5	2928	9.7923	0.4509
12	2	837131.0	826523.3	6456	9.6729	0.5967
13	2	837131.0	826523.3	1008	9.5552	0.5248
14	7	837957.8	827693.5	7824	9.4179	0.1526
15	7	837957.8	827693.5	5856	9.2695	0.6001
16	3	837171.6	826510.0	7416	9.1057	0.4802
17	7	837957.8	827693.5	4992	9.0956	0.2132
18	2	837131.0	826523.3	1968	9.0741	0.5498
19	2	837131.0	826523.3	8088	9.0598	0.5211
20	7	837957.8	827693.5	7056	9.0049	0.1696
21	4	837219.8	826444.3	8208	9.0006	0.5308
22	7	837957.8	827693.5	3768	8.6520	0.4928
23	1	837024.4	826491.6	7296	8.6385	0.5204
24	7	837957.8	827693.5	5232	8.6362	0.5372
25	1	837024.4	826491.6	4824	8.5533	0.1472
26	7	837957.8	827693.5	6144	8.4118	0.1625
27	2	837131.0	826523.3	1152	8.4093	0.4252
28	2	837131.0	826523.3	8232	8.2966	0.3948
29	1	837024.4	826491.6	4800	8.2271	0.2450
30	3	837171.6	826510.0	1968	8.2198	0.4951
31	2	837131.0	826523.3	624	8.1916	0.3323
32	2	837131.0	826523.3	6504	8.1320	0.4507
33	3	837171.6	826510.0	6528	8.0935	0.2687
34	3	837171.6	826510.0	840	8.0408	0.3731
35	2	837131.0	826523.3	6528	8.0199	0.2551
36	1	837024.4	826491.6	7320	7.9694	0.3461
37	4	837219.8	826444.3	7416	7.9397	0.3432
38	3	837171.6	826510.0	8088	7.9209	0.4447
39	3	837171.6	826510.0	1008	7.8192	0.4298
40	3	837171.6	826510.0	8424	7.7129	0.1307
41	3	837171.6	826510.0	6672	7.6730	0.2654
42	7	837957.8	827693.5	7632	7.6379	0.1808
43	1	837024.4	826491.6	1008	7.6004	0.4229
44	1	837024.4	826491.6	6480	7.5918	0.4767
45	7	837957.8	827693.5	5808	7.5004	0.2944
46	7	837957.8	827693.5	3744	7.4821	0.3699
47	6	838200.9	828079.6	2208	7.4768	0.3985
48	1	837024.4	826491.6	1968	7.4607	0.4498
49	2	837131.0	826523.3	840	7.3483	0.3432
50	7	837957.8	827693.5	3264	7.3237	0.5270

1

HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	11.3780	6456.	0.6850	10.6887	8256.	0.4983
2	837131.0	826523.3	10.6883	4824.	0.2012	10.2541	4800.	0.3255
3	837171.6	826510.0	11.3642	8208.	0.7010	9.1057	7416.	0.4802
4	837219.8	826444.3	9.0006	8208.	0.5308	7.9397	7416.	0.3432
5	838068.3	8282003.0	0.0000	7944.	0.0000	0.0000	5136.	0.0000
6	838200.9	828079.6	12.8091	2184.	0.6660	7.4768	2208.	0.3985
7	837957.8	827693.5	11.3721	5208.	0.6359	10.4737	5880.	0.5652

DATE AT END OF RUN: 07/02/99 TIME AT END OF RUN: 16:21:01.45
 ELAPSED TIME FOR THIS RUN: 0.48120E+03 SECONDS
 OR 0 HOURS 8 MINUTES 1.20 SECONDS

TOTAL EMISSIONS 0.80443E+00 GRAMS/SEC

LONG DISTANCE (50,000 M) MASS CONSERVATION CORRECTION FACTORS USED

1
8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.80435E+00 GRAMS/SEC
(837024., 826492., 2.146) (837131., 826523., 3.101) (837172., 826510., 3.086)
(837220., 826444., 2.151) (838068., 8282003., 0.000) (838201., 828080., 0.621)
(837958., 827694., 2.446) (

1
8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC
(837024., 826492.,*) (837131., 826523.,*) (837172., 826510.,*)
(837220., 826444.,*) (838068., 8282003.,*) (838201., 828080.,*)
(837958., 827694.,*) (

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	7	837957.8	827693.5	5954	49.7617	2.4142
2	7	837957.8	827693.5	2902	48.7107	2.5201
3	7	837957.8	827693.5	2926	48.7103	2.5232
4	7	837957.8	827693.5	5877	47.0074	2.6335
5	7	837957.8	827693.5	5324	45.0407	2.5939
6	7	837957.8	827693.5	5832	45.0407	2.5943
7	7	837957.8	827693.5	2661	44.0453	2.5553
8	7	837957.8	827693.5	3596	44.0449	2.5637
9	7	837957.8	827693.5	5190	44.0448	2.5665
10	7	837957.8	827693.5	5207	44.0446	2.5700
11	2	837131.0	826523.3	1322	43.8230	2.2979
12	2	837131.0	826523.3	6430	43.8208	2.3115
13	7	837957.8	827693.5	2496	43.0546	2.5276
14	7	837957.8	827693.5	2854	43.0545	2.5301
15	7	837957.8	827693.5	5211	43.0539	2.5431
16	7	837957.8	827693.5	5949	43.0539	2.5431
17	2	837131.0	826523.3	8206	42.0957	2.2695
18	7	837957.8	827693.5	4173	42.0756	2.5149
19	7	837957.8	827693.5	3695	42.0755	2.5165
20	2	837131.0	826523.3	7326	41.9368	1.9271
21	2	837131.0	826523.3	7325	41.9367	1.9277
22	2	837131.0	826523.3	7324	41.9366	1.9283
23	2	837131.0	826523.3	7277	41.3299	2.0271
24	7	837957.8	827693.5	3718	41.1148	2.4874
25	7	837957.8	827693.5	5878	41.1148	2.4878
26	7	837957.8	827693.5	3694	41.1147	2.4895
27	7	837957.8	827693.5	5856	41.1147	2.4899
28	2	837131.0	826523.3	7247	40.9802	2.0501
29	2	837131.0	826523.3	118	40.5790	2.0407
30	7	837957.8	827693.5	5187	40.1753	2.4593
31	7	837957.8	827693.5	5950	40.1753	2.4602
32	7	837957.8	827693.5	4462	39.9149	2.2158
33	7	837957.8	827693.5	5355	39.9149	2.2164
34	7	837957.8	827693.5	5862	39.9149	2.2164
35	1	837024.4	826491.6	7400	39.2631	1.8690
36	7	837957.8	827693.5	3240	39.2596	2.4302
37	7	837957.8	827693.5	5863	39.2595	2.4320
38	7	837957.8	827693.5	3310	39.2595	2.4337
39	7	837957.8	827693.5	5209	39.2595	2.4342
40	7	837957.8	827693.5	19	39.1341	2.1817
41	7	837957.8	827693.5	7916	39.1330	2.1995
42	2	837131.0	826523.3	7276	39.1328	2.0542
43	7	837957.8	827693.5	5953	39.1326	2.2051
44	7	837957.8	827693.5	5857	39.1325	2.2067
45	7	837957.8	827693.5	3201	39.1325	2.2070
46	7	837957.8	827693.5	3696	39.1325	2.2070
47	2	837131.0	826523.3	7269	39.1320	2.0634
48	1	837024.4	826491.6	8237	38.7192	1.9381
49	1	837024.4	826491.6	6438	38.7157	1.9620
50	7	837957.8	827693.5	1364	38.4169	1.3261

HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	39.2631	7400.	1.8690	38.7192	8237.	1.9381
2	837131.0	826523.3	43.8230	1322.	2.2979	43.8208	6430.	2.3115
3	837171.6	826510.0	38.3200	8204.	2.0823	37.7074	7394.	2.0803
4	837219.8	826444.3	29.6103	2136.	1.5109	21.6176	577.	1.2191
5	838068.3	8282003.0	0.0000	7936.	0.0000	0.0000	5135.	0.0000
6	838200.9	828079.6	10.9656	2911.	0.1144	10.9656	2910.	0.1146
7	837957.8	827693.5	49.7617	5954.	2.4142	48.7107	2902.	2.5201

TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
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1	7	837957.8	827693.5	5208	19.7234	1.1141
2	7	837957.8	827693.5	5880	18.2019	1.0090
3	7	837957.8	827693.5	4992	17.4314	0.4002
4	7	837957.8	827693.5	5856	15.8801	1.0404
5	7	837957.8	827693.5	2928	15.7844	0.7726
6	7	837957.8	827693.5	3768	15.6376	0.8963
7	2	837131.0	826523.3	4800	15.4780	0.5726
8	3	837171.6	826510.0	8208	15.3717	0.9466
9	7	837957.8	827693.5	5232	15.3293	0.9514
10	2	837131.0	826523.3	4824	15.3227	0.3762
11	3	837171.6	826510.0	7416	15.1793	0.7567
12	1	837024.4	826491.6	8256	14.8777	0.7308
13	1	837024.4	826491.6	6456	14.8536	0.9005
14	7	837957.8	827693.5	7656	14.5611	0.2882
15	7	837957.8	827693.5	5808	14.0494	0.5212
16	2	837131.0	826523.3	8208	14.0472	0.8893
17	7	837957.8	827693.5	7824	13.6754	0.2410
18	2	837131.0	826523.3	1008	13.4000	0.7506
19	7	837957.8	827693.5	7056	13.2518	0.2737
20	2	837131.0	826523.3	6528	13.1253	0.5031
21	7	837957.8	827693.5	3744	13.0601	0.6718
22	3	837171.6	826510.0	6552	12.9625	0.5775
23	2	837131.0	826523.3	6456	12.8997	0.8028
24	2	837131.0	826523.3	8088	12.8581	0.7473
25	2	837131.0	826523.3	1968	12.6247	0.7689
26	3	837171.6	826510.0	840	12.5409	0.6274
27	2	837131.0	826523.3	840	12.2560	0.6160
28	3	837171.6	826510.0	7440	12.2489	0.3808
29	2	837131.0	826523.3	1152	12.2389	0.6372
30	2	837131.0	826523.3	8232	12.2215	0.6075
31	3	837171.6	826510.0	6528	12.2103	0.4881
32	2	837131.0	826523.3	624	12.1549	0.5374
33	7	837957.8	827693.5	6144	12.1151	0.2597
34	7	837957.8	827693.5	3264	12.0451	0.8729
35	3	837171.6	826510.0	3456	11.9676	0.5466
36	7	837957.8	827693.5	4584	11.8865	0.6031
37	7	837957.8	827693.5	5328	11.7721	0.5054
38	3	837171.6	826510.0	888	11.7721	0.6502
39	2	837131.0	826523.3	6504	11.7480	0.6614
40	3	837171.6	826510.0	1056	11.4429	0.6011
41	1	837024.4	826491.6	7320	11.3093	0.5043
42	3	837171.6	826510.0	6672	11.1495	0.4156
43	7	837957.8	827693.5	7632	11.1475	0.2898
44	3	837171.6	826510.0	1032	11.1205	0.5646
45	1	837024.4	826491.6	7296	11.1125	0.6817
46	2	837131.0	826523.3	8424	10.9933	0.2930
47	3	837171.6	826510.0	336	10.9886	0.5579
48	7	837957.8	827693.5	3696	10.9134	0.6772
49	7	837957.8	827693.5	4416	10.8842	0.5314
50	7	837957.8	827693.5	5832	10.8600	0.8250

HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	14.8777	8256.	0.7308	14.8536	6456.	0.9005
2	837131.0	826523.3	15.4780	4800.	0.5726	15.3227	4824.	0.3762
3	837171.6	826510.0	15.3717	8208.	0.9466	15.1793	7416.	0.7567
4	837219.8	826444.3	10.4269	6552.	0.4156	10.0461	8208.	0.5821
5	838068.3	8282003.0	0.0000	7944.	0.0000	0.0000	5136.	0.0000
6	838200.9	828079.6	4.6901	7656.	0.0597	4.5282	7824.	0.0523
7	837957.8	827693.5	19.7234	5208.	1.1141	18.2019	5880.	1.0090

DATE AT END OF RUN: 07/02/99 TIME AT END OF RUN: 16:37:24.29
 ELAPSED TIME FOR THIS RUN: 0.484398+03 SECONDS
 OR 0 HOURS 8 MINUTES 4.39 SECONDS

TOTAL EMISSIONS 0.76062E+00 GRAMS/SEC

LONG DISTANCE (50,000 M) MASS CONSERVATION CORRECTION FACTORS USED

1
8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.76070E+00 GRAMS/SEC
(837024., 826492., 0.637) (837131., 826523., 0.710) (837172., 826510., 0.714)
(837220., 826444., 0.663) (838068., 8282003., 0.000) (838201., 828080., 1.375)
(837958., 827694., 19.386) (

1
8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC
(837024., 826492.,*) (837131., 826523.,*) (837172., 826510.,*)
(837220., 826444.,*) (838068., 8282003.,*) (838201., 828080.,*)
(837958., 827694.,*) (

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	7	837957.8	827693.5	822	102.1955	5.3182
2	7	837957.8	827693.5	790	102.1934	5.3313
3	7	837957.8	827693.5	789	102.1929	5.3341
4	7	837957.8	827693.5	8526	102.1920	5.3394
5	7	837957.8	827693.5	8009	102.1910	5.3450
6	7	837957.8	827693.5	6526	102.1908	5.3464
7	7	837957.8	827693.5	3082	102.1890	5.3570
8	7	837957.8	827693.5	4317	102.1867	5.3695
9	7	837957.8	827693.5	4978	102.1859	5.3739
10	7	837957.8	827693.5	8315	101.4094	5.2625
11	7	837957.8	827693.5	884	101.4092	5.2633
12	7	837957.8	827693.5	1084	101.4089	5.2651
13	7	837957.8	827693.5	8339	101.4067	5.2788
14	7	837957.8	827693.5	85	101.4057	5.2844
15	7	837957.8	827693.5	1916	101.4057	5.2848
16	7	837957.8	827693.5	8651	101.4055	5.2858
17	7	837957.8	827693.5	2386	101.4053	5.2872
18	7	837957.8	827693.5	3437	101.4051	5.2883
19	7	837957.8	827693.5	8017	101.4049	5.2893
20	7	837957.8	827693.5	7411	101.4048	5.2897
21	7	837957.8	827693.5	8016	101.4048	5.2897
22	7	837957.8	827693.5	2780	101.4041	5.2938
23	7	837957.8	827693.5	6556	101.4037	5.2962
24	7	837957.8	827693.5	3059	101.4033	5.2986
25	7	837957.8	827693.5	3074	101.4033	5.2989
26	7	837957.8	827693.5	3073	101.4031	5.3000
27	7	837957.8	827693.5	3935	101.4027	5.3020
28	7	837957.8	827693.5	4427	101.4020	5.3060
29	7	837957.8	827693.5	6428	101.4016	5.3086
30	7	837957.8	827693.5	4916	101.3245	5.3258
31	7	837957.8	827693.5	825	101.2053	4.7947
32	7	837957.8	827693.5	919	101.1453	4.7850
33	7	837957.8	827693.5	8210	101.1450	4.7865
34	7	837957.8	827693.5	274	101.1437	4.7920
35	7	837957.8	827693.5	940	101.1435	4.7928
36	7	837957.8	827693.5	8228	101.1423	4.7978
37	7	837957.8	827693.5	1888	101.1396	5.3042
38	7	837957.8	827693.5	6501	101.1384	5.3122
39	7	837957.8	827693.5	8396	101.1375	4.8184
40	7	837957.8	827693.5	6525	101.1372	5.3197
41	7	837957.8	827693.5	6536	101.1364	4.8232
42	7	837957.8	827693.5	2217	101.1356	4.8262
43	7	837957.8	827693.5	4428	101.1342	5.3383
44	7	837957.8	827693.5	7820	101.1336	4.8345
45	7	837957.8	827693.5	3923	101.1330	4.8369
46	7	837957.8	827693.5	1678	101.1328	4.8376
47	7	837957.8	827693.5	5913	101.1320	4.8408
48	7	837957.8	827693.5	816	99.5323	4.8954
49	7	837957.8	827693.5	8626	99.5286	4.9149
50	7	837957.8	827693.5	3069	99.5230	4.9437

HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	14.2400	80.	0.1455	10.6910	8281.	0.1073
2	837131.0	826523.3	14.5770	7277.	0.6074	14.5714	632.	0.1450
3	837171.6	826510.0	14.9055	3965.	0.1586	14.7426	632.	0.1467
4	837219.8	826444.3	11.2343	3654.	0.1202	11.2343	6672.	0.1206
5	838068.3	8282003.0	0.0000	7936.	0.0000	0.0000	5135.	0.0000
6	838200.9	828079.6	12.5216	1507.	0.6629	12.5211	7962.	0.6659
7	837957.8	827693.5	102.1955	822.	5.3182	102.1934	790.	5.3313

TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
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1	7	837957.8	827693.5	6552	78.2860	3.9692
2	7	837957.8	827693.5	888	64.7607	3.6702
3	7	837957.8	827693.5	6528	64.0494	3.1459
4	7	837957.8	827693.5	8016	62.8631	3.0941
5	7	837957.8	827693.5	840	62.7063	3.4832
6	7	837957.8	827693.5	984	59.1904	3.2364
7	7	837957.8	827693.5	1104	53.1124	2.9303
8	7	837957.8	827693.5	960	52.7601	2.6921
9	7	837957.8	827693.5	8592	51.9975	2.4013
10	7	837957.8	827693.5	1032	51.1593	2.8081
11	7	837957.8	827693.5	864	51.0982	2.8360
12	7	837957.8	827693.5	1056	49.7662	2.7357
13	7	837957.8	827693.5	8136	49.5916	2.2691
14	7	837957.8	827693.5	336	48.8590	2.4515
15	7	837957.8	827693.5	72	48.4739	2.6861
16	7	837957.8	827693.5	3456	48.4651	2.4516
17	7	837957.8	827693.5	6504	48.3442	2.7618
18	7	837957.8	827693.5	8112	47.5286	2.3110
19	7	837957.8	827693.5	8208	47.1488	2.9086
20	7	837957.8	827693.5	1152	47.0075	2.6287
21	7	837957.8	827693.5	1920	45.9970	2.4755
22	7	837957.8	827693.5	3432	45.9551	2.2030
23	7	837957.8	827693.5	1896	45.7189	2.5187
24	7	837957.8	827693.5	1824	45.6815	2.6158
25	7	837957.8	827693.5	7416	44.1084	2.4583
26	7	837957.8	827693.5	6336	43.6778	2.5363
27	7	837957.8	827693.5	1176	43.2840	2.4068
28	7	837957.8	827693.5	8400	43.2656	1.9457
29	7	837957.8	827693.5	600	43.0487	2.4426
30	7	837957.8	827693.5	4800	42.7542	2.0559
31	7	837957.8	827693.5	816	42.6188	2.3830
32	7	837957.8	827693.5	1968	42.0363	2.5362
33	7	837957.8	827693.5	6576	41.3927	2.2547
34	7	837957.8	827693.5	8088	41.2049	2.3701
35	7	837957.8	827693.5	96	41.1836	1.7924
36	7	837957.8	827693.5	6672	40.8812	1.9332
37	7	837957.8	827693.5	8232	40.4817	2.1198
38	7	837957.8	827693.5	8544	39.5310	1.8632
39	7	837957.8	827693.5	6432	38.0725	2.1461
40	7	837957.8	827693.5	8184	38.0546	1.8176
41	7	837957.8	827693.5	4824	38.0131	1.5647
42	7	837957.8	827693.5	8640	37.9328	1.7985
43	7	837957.8	827693.5	7992	37.9087	1.8327
44	7	837957.8	827693.5	7224	37.5709	1.9469
45	7	837957.8	827693.5	8568	37.4880	1.9331
46	7	837957.8	827693.5	1008	37.3362	2.1754
47	7	837957.8	827693.5	8424	37.1375	1.5422
48	7	837957.8	827693.5	576	36.9450	2.2735
49	7	837957.8	827693.5	7824	36.8156	1.3436
50	7	837957.8	827693.5	6144	36.2053	1.4801

1

HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	4.5792	6456.	0.2601	4.4064	8256.	0.1824
2	837131.0	826523.3	5.6569	4824.	0.0762	4.5929	6456.	0.2671
3	837171.6	826510.0	5.7275	4824.	0.0773	4.3303	4800.	0.0931
4	837219.8	826444.3	4.0097	4824.	0.0560	3.5510	8208.	0.2125
5	838068.3	8282003.0	0.0000	7944.	0.0000	0.0000	5136.	0.0000
6	838200.9	828079.6	6.1925	7656.	0.1579	5.9343	7632.	0.1171
7	837957.8	827693.5	78.2860	6552.	3.9692	64.7607	888.	3.6702

DATE AT END OF RUN: 07/02/99 TIME AT END OF RUN: 16:45:58.66
ELAPSED TIME FOR THIS RUN: 0.48049E+03 SECONDS
OR 0 HOURS 8 MINUTES 0.49 SECONDS

TOTAL EMISSIONS 0.76998E+00 GRAMS/SEC

LONG DISTANCE (50,000 M) MASS CONSERVATION CORRECTION FACTORS USED

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
CONCENTRATIONS IN MICROGRAMS/M**3
AVERAGE EMISSIONS FOR THIS PERIOD = 0.77003E+00 GRAMS/SEC
(837024., 826492., 1.514) (837131., 826523., 1.914) (837172., 826510., 1.909)
(837220., 826444., 1.545) (838068., 8282003., 0.000) (838201., 828080., 0.625)
(837958., 827694., 2.731) (

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
DEPOSITION RATE IN MICROGRAMS/M**2/SEC
(837024., 826492., *****) (837131., 826523., *****) (837172., 826510., *****)
(837220., 826444., *****) (838068., 8282003., *****) (838201., 828080., *****)
(837958., 827694., *****) (

***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

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TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	7	837957.8	827693.5	5954	56.3808	2.7653
2	7	837957.8	827693.5	2902	54.7402	2.8490
3	7	837957.8	827693.5	2926	54.7398	2.8525
4	7	837957.8	827693.5	5877	53.3034	2.9954
5	7	837957.8	827693.5	5324	50.9416	2.9401
6	7	837957.8	827693.5	5832	50.9415	2.9406
7	7	837957.8	827693.5	2661	49.7637	2.8925
8	7	837957.8	827693.5	3596	49.7633	2.9019
9	7	837957.8	827693.5	5190	49.7631	2.9050
10	7	837957.8	827693.5	5207	49.7629	2.9089
11	7	837957.8	827693.5	1364	49.0978	1.9061
12	7	837957.8	827693.5	6860	49.0959	1.9161
13	7	837957.8	827693.5	5336	49.0957	1.9168
14	7	837957.8	827693.5	6812	49.0957	1.9171
15	7	837957.8	827693.5	5409	49.0956	1.9173
16	7	837957.8	827693.5	4145	49.0955	1.9180
17	7	837957.8	827693.5	4209	49.0955	1.9180
18	7	837957.8	827693.5	5328	49.0948	1.9214
19	7	837957.8	827693.5	4965	49.0946	1.9226
20	7	837957.8	827693.5	4977	49.0944	1.9235
21	7	837957.8	827693.5	3284	48.6508	2.0460
22	7	837957.8	827693.5	2496	48.5999	2.8576
23	7	837957.8	827693.5	2854	48.5997	2.8605
24	7	837957.8	827693.5	5211	48.5991	2.8752
25	7	837957.8	827693.5	5949	48.5991	2.8752
26	7	837957.8	827693.5	2324	48.0180	2.0879
27	7	837957.8	827693.5	3061	48.0168	2.0966
28	7	837957.8	827693.5	4173	47.4567	2.8403
29	7	837957.8	827693.5	3695	47.4567	2.8421
30	7	837957.8	827693.5	3718	46.3403	2.8067
31	7	837957.8	827693.5	5878	46.3403	2.8071
32	7	837957.8	827693.5	3694	46.3402	2.8090
33	7	837957.8	827693.5	5856	46.3402	2.8095
34	7	837957.8	827693.5	8690	45.6502	0.8623
35	7	837957.8	827693.5	2261	45.6500	0.8635
36	7	837957.8	827693.5	1708	45.6487	0.8692
37	7	837957.8	827693.5	3606	45.6480	0.8719
38	7	837957.8	827693.5	5260	45.6478	0.8729
39	7	837957.8	827693.5	2498	45.6477	0.8731
40	7	837957.8	827693.5	3603	45.6477	0.8734
41	7	837957.8	827693.5	6766	45.6474	0.8744
42	7	837957.8	827693.5	3006	45.6474	0.8746
43	7	837957.8	827693.5	6767	45.6474	0.8746
44	7	837957.8	827693.5	4056	45.6473	0.8747
45	7	837957.8	827693.5	4057	45.6473	0.8749
46	7	837957.8	827693.5	5957	45.6472	0.8754
47	7	837957.8	827693.5	4974	45.6471	0.8759
48	7	837957.8	827693.5	4975	45.6471	0.8759
49	7	837957.8	827693.5	5454	45.6471	0.8759
50	7	837957.8	827693.5	4302	45.6470	0.8762

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HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	27.9943	80.	0.3127	25.2422	7326.	1.1122
2	837131.0	826523.3	30.6438	7326.	1.3293	30.6438	7325.	1.3298
3	837171.6	826510.0	27.3771	1322.	1.3499	27.3754	6430.	1.3596
4	837219.8	826444.3	17.5905	8204.	0.9020	17.4392	7394.	0.9131
5	838068.3	8282003.0	0.0000	7936.	0.0000	0.0000	5135.	0.0000
6	838200.9	828079.6	10.8160	2911.	0.1128	10.8159	2910.	0.1131
7	837957.8	827693.5	56.3808	5954.	2.7653	54.7402	2902.	2.8490

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TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
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1	7	837957.8	827693.5	5208	20.9545	1.1936
2	7	837957.8	827693.5	4992	20.7521	0.5533
3	7	837957.8	827693.5	5880	20.7025	1.1554
4	7	837957.8	827693.5	3768	19.0411	1.1004
5	7	837957.8	827693.5	5856	17.0282	1.1293
6	7	837957.8	827693.5	5232	16.7213	1.0458
7	7	837957.8	827693.5	5808	16.1793	0.6215
8	7	837957.8	827693.5	3744	16.0319	0.8447
9	7	837957.8	827693.5	2928	15.9609	0.8099
10	7	837957.8	827693.5	7656	14.2257	0.3150
11	7	837957.8	827693.5	5328	13.6562	0.6204
12	7	837957.8	827693.5	4584	13.4839	0.7055
13	7	837957.8	827693.5	7056	13.2285	0.3141
14	7	837957.8	827693.5	7824	13.1183	0.2549
15	7	837957.8	827693.5	3288	12.3468	0.6720
16	7	837957.8	827693.5	4416	12.2677	0.6213
17	7	837957.8	827693.5	3264	12.2589	0.8973
18	7	837957.8	827693.5	6144	11.9337	0.2851
19	7	837957.8	827693.5	5832	11.8891	0.9035
20	7	837957.8	827693.5	3696	11.8132	0.7379
21	7	837957.8	827693.5	3336	11.7198	0.8201
22	7	837957.8	827693.5	7632	11.2774	0.3255
23	7	837957.8	827693.5	4968	11.2305	0.3997
24	7	837957.8	827693.5	3720	11.0492	0.7002
25	7	837957.8	827693.5	5184	10.8440	0.6642
26	1	837024.4	826491.6	6456	10.8364	0.6494
27	2	837131.0	826523.3	4824	10.6955	0.1938
28	7	837957.8	827693.5	5352	10.4835	0.6244
29	3	837171.6	826510.0	8208	10.3705	0.6394
30	7	837957.8	827693.5	3840	10.2329	0.8099
31	1	837024.4	826491.6	8256	10.1748	0.4698
32	7	837957.8	827693.5	5976	10.0913	0.3398
33	2	837131.0	826523.3	4800	9.8723	0.3016
34	7	837957.8	827693.5	6816	9.7717	0.2012
35	7	837957.8	827693.5	6024	9.6440	0.4205
36	7	837957.8	827693.5	4464	9.5831	0.6159
37	7	837957.8	827693.5	3240	9.4463	0.6808
38	7	837957.8	827693.5	4560	9.3599	0.5832
39	2	837131.0	826523.3	6456	9.2889	0.5706
40	7	837957.8	827693.5	3672	9.2179	0.4734
41	7	837957.8	827693.5	5904	9.0764	0.5283
42	2	837131.0	826523.3	8208	9.0555	0.5704
43	2	837131.0	826523.3	1008	9.0529	0.4925
44	7	837957.8	827693.5	4392	9.0059	0.4472
45	7	837957.8	827693.5	3312	8.8870	0.5221
46	7	837957.8	827693.5	1608	8.8833	0.1277
47	2	837131.0	826523.3	1968	8.5693	0.5177
48	7	837957.8	827693.5	3624	8.5347	0.2607
49	3	837171.6	826510.0	7416	8.5283	0.4505
50	7	837957.8	827693.5	3816	8.5105	0.7406

HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	10.8364	6456.	0.6494	10.1748	8256.	0.4698
2	837131.0	826523.3	10.6955	4824.	0.1938	9.8723	4800.	0.3016
3	837171.6	826510.0	10.3705	8208.	0.6394	8.5283	7416.	0.4505
4	837219.8	826444.3	8.4476	8208.	0.4965	7.0398	7416.	0.3218
5	838068.3	8282003.0	0.0000	7944.	0.0000	0.0000	5136.	0.0000
6	838200.9	828079.6	4.6449	7656.	0.0599	4.4957	2928.	0.1814
7	837957.8	827693.5	20.9545	5208.	1.1936	20.7521	4992.	0.5533

DATE AT END OF RUN: 07/02/99 TIME AT END OF RUN: 16:55:22.75
ELAPSED TIME FOR THIS RUN: 0.47846E+03 SECONDS
OR 0 HOURS 7 MINUTES 58.46 SECONDS

1 0.00000000 0.00000 0.000 0. 0. 0. 0. 0. 0.50 0.00

TOTAL EMISSIONS 0.47961E+00 GRAMS/SEC

LONG DISTANCE (50,000 M) MASS CONSERVATION CORRECTION FACTORS USED

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
 CONCENTRATIONS IN MICROGRAMS/M**3
 AVERAGE EMISSIONS FOR THIS PERIOD = 0.47959E+00 GRAMS/SEC
 (837024., 826492., 0.830) (837131., 826523., 1.022) (837172., 826510., 1.026)
 (837220., 826444., 0.859) (838068., 8282003., 0.000) (838201., 828080., 0.714)
 (837958., 827694., 4.477) {

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8784 HOUR AVERAGE FOR HOUR ENDING 8784
 DEPOSITION RATE IN MICROGRAMS/M**2/SEC
 (837024., 826492.,*) (837131., 826523.,*) (837172., 826510.,*)
 (837220., 826444.,*) (838068., 8282003.,*) (838201., 828080.,*)
 (837958., 827694.,*) {
 ***** NOTE: FOR RECEPTORS WITH Z UNEQUAL 0, DEPOSITION IS SET TO 999999.999

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TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	7	837957.8	827693.5	7400	41.6174	2.0103
2	7	837957.8	827693.5	8237	40.7238	2.0529
3	7	837957.8	827693.5	6438	40.7201	2.0777
4	7	837957.8	827693.5	244	40.3034	2.0583
5	7	837957.8	827693.5	124	40.3030	2.0614
6	7	837957.8	827693.5	122	40.3028	2.0625
7	7	837957.8	827693.5	747	39.9937	1.8606
8	7	837957.8	827693.5	8290	39.9884	1.8361
9	7	837957.8	827693.5	8338	39.9873	1.8406
10	7	837957.8	827693.5	8108	39.9868	1.8424
11	7	837957.8	827693.5	706	39.9867	1.8429
12	7	837957.8	827693.5	7317	39.9860	1.8456
13	7	837957.8	827693.5	2889	39.9842	1.8525
14	7	837957.8	827693.5	2493	39.9841	1.8528
15	7	837957.8	827693.5	2505	39.9841	1.8528
16	7	837957.8	827693.5	2865	39.9839	1.8538
17	7	837957.8	827693.5	4134	39.9836	1.8550
18	7	837957.8	827693.5	5467	39.9834	1.8554
19	7	837957.8	827693.5	4641	39.9822	1.8600
20	7	837957.8	827693.5	6463	39.8393	2.0813
21	7	837957.8	827693.5	80	39.8269	1.0817
22	7	837957.8	827693.5	7474	39.4264	1.9682
23	7	837957.8	827693.5	6945	39.4251	1.9751
24	7	837957.8	827693.5	1155	39.1499	1.7280
25	7	837957.8	827693.5	288	39.1480	1.7365
26	7	837957.8	827693.5	7251	39.1459	1.7459
27	7	837957.8	827693.5	3430	39.1458	1.7466
28	7	837957.8	827693.5	3432	39.1457	1.7469
29	7	837957.8	827693.5	8255	39.1445	1.6771
30	7	837957.8	827693.5	8230	39.1441	1.6788
31	7	837957.8	827693.5	1198	39.1441	1.6790
32	7	837957.8	827693.5	6655	39.0114	1.6258
33	7	837957.8	827693.5	1199	38.8314	2.0560
34	7	837957.8	827693.5	1461	38.8310	2.0600
35	7	837957.8	827693.5	7296	38.8298	2.0724
36	7	837957.8	827693.5	289	38.7526	1.5256
37	7	837957.8	827693.5	2591	38.7492	1.5370
38	7	837957.8	827693.5	4640	38.7470	1.5441
39	7	837957.8	827693.5	1156	38.5570	1.7658
40	7	837957.8	827693.5	2471	38.4837	1.9869
41	7	837957.8	827693.5	2137	38.3501	1.4288
42	7	837957.8	827693.5	1641	38.3500	1.4291
43	7	837957.8	827693.5	5495	38.3462	1.4403
44	7	837957.8	827693.5	8236	38.2980	2.0396
45	7	837957.8	827693.5	7703	38.2971	2.0500
46	7	837957.8	827693.5	6437	38.2954	2.0698
47	7	837957.8	827693.5	5403	37.8214	1.3149
48	7	837957.8	827693.5	1998	37.3027	1.9669
49	7	837957.8	827693.5	2841	37.3011	1.9829
50	7	837957.8	827693.5	1761	37.2104	1.1691

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HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	15.9057	80.	0.1676	13.6135	7277.	0.6312
2	837131.0	826523.3	18.3571	7277.	0.8516	18.3407	7326.	0.7801
3	837171.6	826510.0	18.5747	1322.	0.8956	18.5734	6430.	0.9024
4	837219.8	826444.3	12.4786	8204.	0.6183	12.3989	7394.	0.6293
5	838068.3	8282003.0	0.0000	7936.	0.0000	0.0000	5135.	0.0000
6	838200.9	828079.6	9.0768	3945.	0.5032	8.6208	2274.	0.4917
7	837957.8	827693.5	41.6174	7400.	2.0103	40.7238	8237.	2.0529

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TOP 50 TABLE FOR 24 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	7	837957.8	827693.5	8256	20.4535	1.0900
2	7	837957.8	827693.5	4800	18.2926	0.8636
3	7	837957.8	827693.5	6456	18.1060	1.1233
4	7	837957.8	827693.5	7320	16.8249	0.8723
5	7	837957.8	827693.5	1176	14.7158	0.8067
6	7	837957.8	827693.5	4824	13.9008	0.5143
7	7	837957.8	827693.5	6504	13.7680	0.8272
8	7	837957.8	827693.5	7296	13.5259	0.8518
9	7	837957.8	827693.5	6480	13.4793	0.8794
10	7	837957.8	827693.5	1152	13.1052	0.7552
11	7	837957.8	827693.5	8112	12.8325	0.5278
12	7	837957.8	827693.5	8232	12.7902	0.7186
13	7	837957.8	827693.5	1968	12.7669	0.7834
14	7	837957.8	827693.5	8088	12.7369	0.7828
15	7	837957.8	827693.5	1008	12.6326	0.7540
16	7	837957.8	827693.5	528	12.4131	0.7298
17	7	837957.8	827693.5	6360	12.1103	0.7831
18	7	837957.8	827693.5	1944	11.7491	0.6474
19	7	837957.8	827693.5	8136	11.7271	0.4541
20	7	837957.8	827693.5	8184	11.4526	0.5466
21	7	837957.8	827693.5	6672	10.4097	0.5407
22	7	837957.8	827693.5	624	10.2500	0.5412
23	7	837957.8	827693.5	7272	10.1767	0.6175
24	7	837957.8	827693.5	3744	10.0363	0.4005
25	7	837957.8	827693.5	6528	10.0240	0.4879
26	7	837957.8	827693.5	7344	9.8598	0.5216
27	7	837957.8	827693.5	1824	9.7966	0.5736
28	7	837957.8	827693.5	840	9.5460	0.5320
29	7	837957.8	827693.5	6816	9.2152	0.2892
30	7	837957.8	827693.5	3432	9.1831	0.4691
31	7	837957.8	827693.5	5496	9.1007	0.3474
32	7	837957.8	827693.5	3600	8.9821	0.3818
33	7	837957.8	827693.5	1056	8.8687	0.5093
34	7	837957.8	827693.5	1128	8.8619	0.5447
35	7	837957.8	827693.5	2112	8.6314	0.4349
36	7	837957.8	827693.5	7224	8.6152	0.4960
37	7	837957.8	827693.5	5472	8.6037	0.3094
38	7	837957.8	827693.5	8400	8.5988	0.3482
39	7	837957.8	827693.5	7416	8.5724	0.5458
40	7	837957.8	827693.5	1920	8.3029	0.4525
41	7	837957.8	827693.5	7800	8.2662	0.3591
42	7	837957.8	827693.5	864	8.2098	0.4725
43	7	837957.8	827693.5	4248	8.2039	0.2866
44	7	837957.8	827693.5	1464	8.1190	0.5123
45	7	837957.8	827693.5	3696	8.0366	0.4016
46	7	837957.8	827693.5	1200	8.0207	0.4176
47	7	837957.8	827693.5	3936	7.8790	0.3138
48	7	837957.8	827693.5	8040	7.7926	0.4840
49	7	837957.8	827693.5	8592	7.7850	0.3828
50	7	837957.8	827693.5	120	7.7692	0.5267

HIGHEST AND SECOND HIGHEST VALUES FOR 24 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	837024.4	826491.6	5.9799	6456.	0.3539	5.5871	8256.	0.2497
2	837131.0	826523.3	6.2648	4824.	0.1026	5.4899	4800.	0.1528
3	837171.6	826510.0	5.8195	8208.	0.3580	4.4644	1968.	0.2671
4	837219.8	826444.3	5.0214	8208.	0.2973	4.6885	7416.	0.2009
5	838068.3	8282003.0	0.0000	7944.	0.0000	0.0000	5136.	0.0000
6	838200.9	828079.6	5.0561	3768.	0.2764	4.3419	3744.	0.2072
7	837957.8	827693.5	20.4535	8256.	1.0900	18.2926	4800.	0.8636

DATE AT END OF RUN: 07/02/99 TIME AT END OF RUN: 17:02:56.93
 ELAPSED TIME FOR THIS RUN: 0.42024E+03 SECONDS
 OR 0 HOURS 7 MINUTES 0.24 SECONDS

C-3 TRAFFIC EMISSION FACTORS

Investigation Assignment for Widening and Reconstruction of Tai Po Road (Sha Tin Section)

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT TPR1			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	2469	0.041	1.321	13.568
	TAXI	2468	0.239	0.779	0.910
PUBLIC TRANS.	COACH	184	0.557	7.029	8.322
	BUS	608	0.894	8.678	9.017
GOODS VEHICLES	LGV	1074	0.361	1.803	1.122
	MGV	1161	0.565	4.594	8.410
	HGV	1741	0.565	7.061	8.410
TOTAL		9705	0.347	3.227	7.045
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.5579178	5.1931811	11.3375151

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT TPR2			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	2204	0.041	1.321	13.568
	TAXI	2202	0.239	0.779	0.910
PUBLIC TRANS.	COACH	165	0.557	7.029	8.322
	BUS	292	0.894	8.678	9.017
GOODS VEHICLES	LGV	1017	0.361	1.803	1.122
	MGV	1170	0.565	4.594	8.410
	HGV	1756	0.565	7.061	8.410
TOTAL		8806	0.340	3.172	7.002
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.5464254	5.1040664	11.2691798

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT TPR3			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	2532	0.041	1.321	13.568
	TAXI	2531	0.239	0.779	0.910
PUBLIC TRANS.	COACH	375	0.557	7.029	8.322
	BUS	486	0.894	8.678	9.017
GOODS VEHICLES	LGV	1098	0.361	1.803	1.122
	MGV	1151	0.565	4.594	8.410
	HGV	1726	0.565	7.061	8.410
TOTAL		9899	0.341	3.195	7.030
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.5485279	5.1414043	11.3133774

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT TPR4			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	2526	0.041	1.321	13.568
	TAXI	2526	0.239	0.779	0.910
PUBLIC TRANS.	COACH	429	0.557	7.029	8.322
	BUS	159	0.894	8.678	9.017
GOODS VEHICLES	LGV	988	0.361	1.803	1.122
	MGV	440	0.565	4.594	8.410
	HGV	661	0.565	7.061	8.410
TOTAL		7729	0.267	2.351	6.721
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.430418	3.7833687	10.8157151

Investigation Assignment for Widening and Reconstruction of Tai Po Road (Sha Tin Section)

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT TPRS1			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	825	0.041	1.321	13.568
	TAXI	824	0.239	0.779	0.910
PUBLIC TRANS.	COACH	53	0.557	7.029	8.322
	BUS	247	0.894	8.678	9.017
GOODS VEHICLES	LGV	381	0.361	1.803	1.122
	MGV	355	0.565	4.594	8.410
	HGV	532	0.565	7.061	8.410
TOTAL		3217	0.348	3.209	6.994
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.5601929	5.1637124	11.2553528

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT TPRS2			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	474	0.041	1.321	13.568
	TAXI	473	0.239	0.779	0.910
PUBLIC TRANS.	COACH	40	0.557	7.029	8.322
	BUS	107	0.894	8.678	9.017
GOODS VEHICLES	LGV	182	0.361	1.803	1.122
	MGV	148	0.565	4.594	8.410
	HGV	222	0.565	7.061	8.410
TOTAL		1646	0.319	2.904	6.972
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.5134766	4.6734882	11.2197353

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT TPRS3			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	121	0.041	1.321	13.568
	TAXI	120	0.239	0.779	0.910
PUBLIC TRANS.	COACH	14	0.557	7.029	8.322
	BUS	0	0.894	8.678	9.017
GOODS VEHICLES	LGV	39	0.361	1.803	1.122
	MGV	33	0.565	4.594	8.410
	HGV	48	0.565	7.061	8.410
TOTAL		375	0.270	2.434	6.913
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.4346653	3.9163955	11.1255409

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT TPRIN1			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	123	0.041	1.321	13.568
	TAXI	122	0.239	0.779	0.910
PUBLIC TRANS.	COACH	5	0.557	7.029	8.322
	BUS	135	0.894	8.678	9.017
GOODS VEHICLES	LGV	47	0.361	1.803	1.122
	MGV	25	0.565	4.594	8.410
	HGV	38	0.565	7.061	8.410
TOTAL		495	0.425	3.903	7.316
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.6835271	6.2816718	11.7737655

Investigation Assignment for Widening and Reconstruction of Tai Po Road (Sha Tin Section)

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT TPRIN2			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	119	0.041	1.321	13.568
	TAXI	118	0.239	0.779	0.910
PUBLIC TRANS.	COACH	10	0.557	7.029	8.322
	BUS	35	0.894	8.678	9.017
GOODS VEHICLES	LGV	39	0.361	1.803	1.122
	MGV	20	0.565	4.594	8.410
	HGV	30	0.565	7.061	8.410
TOTAL		371	0.303	2.688	6.968
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.4870119	4.3255779	11.2135705

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT TPRIN3			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	257	0.041	1.321	13.568
	TAXI	257	0.239	0.779	0.910
PUBLIC TRANS.	COACH	73	0.557	7.029	8.322
	BUS	57	0.894	8.678	9.017
GOODS VEHICLES	LGV	108	0.361	1.803	1.122
	MGV	30	0.565	4.594	8.410
	HGV	45	0.565	7.061	8.410
TOTAL		827	0.296	2.657	6.765
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.4766586	4.2768389	10.8864391

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT TPRIN4			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	138	0.041	1.321	13.568
	TAXI	137	0.239	0.779	0.910
PUBLIC TRANS.	COACH	74	0.557	7.029	8.322
	BUS	74	0.894	8.678	9.017
GOODS VEHICLES	LGV	38	0.361	1.803	1.122
	MGV	14	0.565	4.594	8.410
	HGV	21	0.565	7.061	8.410
TOTAL		496	0.361	3.493	7.293
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.5816622	5.6211963	11.7363129

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT TPRINT			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	763	0.041	1.321	13.568
	TAXI	762	0.239	0.779	0.910
PUBLIC TRANS.	COACH	119	0.557	7.029	8.322
	BUS	353	0.894	8.678	9.017
GOODS VEHICLES	LGV	177	0.361	1.803	1.122
	MGV	52	0.565	4.594	8.410
	HGV	78	0.565	7.061	8.410
TOTAL		2304	0.318	2.869	7.166
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.5117312	4.6171518	11.5329675

Investigation Assignment for Widening and Reconstruction of Tai Po Road (Sha Tin Section)

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT SMTR			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	1662	0.041	1.321	13.568
	TAXI	1662	0.239	0.779	0.910
PUBLIC TRANS.	COACH	131	0.557	7.029	8.322
	BUS	367	0.894	8.678	9.017
GOODS VEHICLES	LGV	701	0.361	1.803	1.122
	MGV	813	0.565	4.594	8.410
	HGV	1220	0.565	7.061	8.410
TOTAL		6556	0.346	3.235	7.069
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.556774	5.2063385	11.3768538

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT TPR-TW			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	444	0.041	1.321	13.568
	TAXI	444	0.239	0.779	0.910
PUBLIC TRANS.	COACH	88	0.557	7.029	8.322
	BUS	169	0.894	8.678	9.017
GOODS VEHICLES	LGV	140	0.361	1.803	1.122
	MGV	54	0.565	4.594	8.410
	HGV	81	0.565	7.061	8.410
TOTAL		1420	0.318	2.880	7.026
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.5114063	4.6353401	11.3072171

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT STCS			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	812	0.041	1.321	13.568
	TAXI	812	0.239	0.779	0.910
PUBLIC TRANS.	COACH	275	0.557	7.029	8.322
	BUS	421	0.894	8.678	9.017
GOODS VEHICLES	LGV	203	0.361	1.803	1.122
	MGV	57	0.565	4.594	8.410
	HGV	86	0.565	7.061	8.410
TOTAL		2665	0.342	3.200	7.231
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.5501292	5.1491413	11.6375656

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT LRTR			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	568	0.041	1.321	13.568
	TAXI	568	0.239	0.779	0.910
PUBLIC TRANS.	COACH	113	0.557	7.029	8.322
	BUS	215	0.894	8.678	9.017
GOODS VEHICLES	LGV	180	0.361	1.803	1.122
	MGV	68	0.565	4.594	8.410
	HGV	103	0.565	7.061	8.410
TOTAL		1815	0.317	2.874	7.021
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.5105452	4.6259303	11.2987826

Investigation Assignment for Widening and Reconstruction of Tai Po Road (Sha Tin Section)

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT YWR			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	418	0.041	1.321	13.568
	TAXI	418	0.239	0.779	0.910
PUBLIC TRANS.	COACH	66	0.557	7.029	8.322
	BUS	323	0.894	8.678	9.017
GOODS VEHICLES	LGV	135	0.361	1.803	1.122
	MGV	43	0.565	4.594	8.410
	HGV	64	0.565	7.061	8.410
TOTAL		1467	0.376	3.434	7.202
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.6052922	5.5263674	11.5900274

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT FTR			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	1409	0.041	1.321	13.568
	TAXI	1409	0.239	0.779	0.910
PUBLIC TRANS.	COACH	119	0.557	7.029	8.322
	BUS	350	0.894	8.678	9.017
GOODS VEHICLES	LGV	513	0.361	1.803	1.122
	MGV	307	0.565	4.594	8.410
	HGV	461	0.565	7.061	8.410
TOTAL		4568	0.305	2.720	6.913
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.4907015	4.3767579	11.1259984

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT STR			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	1386	0.041	1.321	13.568
	TAXI	1385	0.239	0.779	0.910
PUBLIC TRANS.	COACH	239	0.557	7.029	8.322
	BUS	88	0.894	8.678	9.017
GOODS VEHICLES	LGV	540	0.361	1.803	1.122
	MGV	243	0.565	4.594	8.410
	HGV	365	0.565	7.061	8.410
TOTAL		4246	0.268	2.360	6.728
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.4313687	3.7980906	10.8277342

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT STRCR(1)			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	623	0.041	1.321	13.568
	TAXI	622	0.239	0.779	0.910
PUBLIC TRANS.	COACH	140	0.557	7.029	8.322
	BUS	357	0.894	8.678	9.017
GOODS VEHICLES	LGV	132	0.361	1.803	1.122
	MGV	74	0.565	4.594	8.410
	HGV	111	0.565	7.061	8.410
TOTAL		2059	0.351	3.279	7.337
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.5655116	5.2769623	11.8078609

Investigation Assignment for Widening and Reconstruction of Tai Po Road (Sha Tin Section)

YEAR 2021 TRAFFIC EMISSION FACTORS

		ROAD SEGMENT STRCR(2)			
		VEH. NO.	PM (g/Km)	NOx(g/Km)	CO (g/Km)
PRIVATE VEHICLES	CAR	958	0.041	1.321	13.568
	TAXI	957	0.239	0.779	0.910
PUBLIC TRANS.	COACH	216	0.557	7.029	8.322
	BUS	548	0.894	8.678	9.017
GOODS VEHICLES	LGV	203	0.361	1.803	1.122
	MGV	164	0.565	4.594	8.410
	HGV	171	0.565	7.061	8.410
TOTAL		3217	0.355	3.299	7.353
			PM (g/mi)	NOx(g/mi)	CO (g/mi)
TOTAL			0.5706919	5.3086367	11.832727

C-4 OPERATIONAL MODELLING RESULTS

IBM-PC VERSION (1.91)
 (C) COPYRIGHT 1987, TRINITY CONSULTANTS, INC.
 SERIAL NUMBER 0000
 SOLD TO TRINITY CONSULTANTS
 RUN BEGAN ON 08-13-99 AT 15:38:37

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: CO, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: CO (WORST CASE ANGLE)
 POLLUTANT: CARBON MONOXIDE

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 4 (D) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)				TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. 01					AG	9705	9.5	24.0	
B. 01					AG	9705	7.0	24.0	
C. 02					AG	8806	10.0	24.0	
D. 03					AG	9899	10.0	24.0	
E. 03					AG	9899	10.0	24.0	
F. 04					AG	7729	10.0	22.0	
G. 04					AG	7729	8.0	22.0	
H. 04					AG	7729	2.0	22.0	
I. 04					BG	7729	2.0	22.0	
J. 04					AG	3217	1.0	15.0	
K. S1					AG	3217	1.0	15.0	
L. S1					AG	1646	6.0	12.0	
M. S2					AG	1646	10.0	12.0	
N. S2					AG	375	3.0	12.0	
O. S3					AG	495	3.0	14.0	
P. I1					AG	371	3.0	14.0	
Q. I2					AG	827	8.0	14.0	
R. I3					AG	496	3.0	12.0	
S. I4					AG	2304	7.0	26.0	
T. MT									

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: CO, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: CO (WORST CASE ANGLE)
 POLLUTANT: CARBON MONOXIDE

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. 1-1	837231	826661	10.5
2. 1-4	837245	826703	10.5
3. 2-3	837261	826748	10.5
4. 3-4	837322	826790	10.5
5. 4-1	837290	826830	10.5
6. 5-2	837527	827107	10.5
7. 5-4	837566	827152	10.5
8. 6-2	837585	827100	10.5
9. 7-2	837637	827158	10.5
10. 7-3	837682	827154	10.5
11. 16-1	837646	827255	4.3
12. 16-2	837702	827319	4.3
13. 17-1	837707	827196	4.3
14. 17-2	837771	827138	4.3
15. 22-1	837816	827497	4.3
16. 26-1	837914	827644	2.5
17. 27-1	837975	827492	4.3
18. 27-2	837958	827440	4.3
19. 29-1	837985	827548	4.3
20. 29-2	838033	827569	4.3

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL

JUNE 1989 VERSION
PAGE 3

JOB: CO, TAI PO ROAD YEAR-2021 (TPR ONLY)
RUN: CO (WORST CASE ANGLE)
POLLUTANT: CARBON MONOXIDE

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED * CONC (PPM)	CONC/LINK (PPM)								
			A	B	C	D	E	F	G	H	
1. 1-1	*	19.	123.6	47.9	46.3	17.1	1.7	4.1	.2	.2	.5
2. 1-4	*	20.	136.2	47.2	56.9	19.6	1.9	4.6	.3	.2	.6
3. 2-3	*	20.	151.1	46.0	72.3	20.3	1.8	4.4	.2	.2	.5
4. 3-4	*	21.	116.2	.1	57.4	38.3	3.0	6.8	.4	.3	.8
5. 4-1	*	24.	202.1	20.7	****	32.9	2.9	7.1	.4	.4	.9
6. 5-2	*	20.	138.5	.0	.0	91.2	9.1	11.3	.4	.3	.5
7. 5-4	*	19.	132.3	.0	.0	78.8	12.5	13.1	.3	.2	.4
8. 6-2	*	14.	98.8	.0	.0	53.6	11.3	10.2	.2	.1	.2
9. 7-2	*	4.	99.3	.0	.0	56.6	7.9	2.6	.0	.0	.0
10. 7-3	*	328.	93.0	.0	.0	45.7	.0	.0	.0	.0	.0
11. 16-1	*	236.	151.4	5.2	36.0	65.8	.0	.0	.0	.0	.0
12. 16-2	*	235.	127.6	4.8	24.3	70.6	.0	.0	.0	.0	.0
13. 17-1	*	295.	109.3	.0	.0	47.4	.0	.0	.0	.0	.0
14. 17-2	*	305.	68.1	.0	.0	36.1	.0	.0	.0	.0	.0
15. 22-1	*	233.	132.3	3.0	9.0	99.1	1.7	.0	.0	.0	.0
16. 26-1	*	237.	189.4	1.0	2.5	27.1	38.1	****	.0	.0	.0
17. 27-1	*	242.	67.8	2.1	7.6	44.9	.3	.0	.0	.0	.0
18. 27-2	*	244.	64.9	2.1	9.0	40.3	.0	.0	.0	.0	.0
19. 29-1	*	239.	72.7	2.3	7.1	48.0	3.1	.0	.0	.0	.0
20. 29-2	*	242.	66.1	1.6	5.2	42.8	6.0	.3	.0	.0	.0

1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: CO, TAI PO ROAD YEAR-2021 (TPR ONLY)
RUN: CO (WORST CASE ANGLE)
POLLUTANT: CARBON MONOXIDE

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)												
	I	J	K	L	M	N	O	P	Q	R	S	T	
1. 1-1	.1	.1	.0	.9	.1	.0	.0	.6	.6	.3	.3	2.2	
2. 1-4	.1	.1	.0	.0	.1	.0	.1	.7	.7	.3	.4	2.5	
3. 2-3	.1	.1	.0	.0	.1	.0	.0	.7	.8	.3	.4	2.6	
4. 3-4	.1	.1	.0	.0	.2	.1	.1	1.7	1.3	.6	.6	4.5	
5. 4-1	.1	.1	.0	.0	.2	.1	.1	1.3	1.2	.5	.6	4.1	
6. 5-2	.1	.1	.0	.0	.1	.0	.1	5.1	.4	3.1	2.3	14.4	
7. 5-4	.0	.0	.0	.0	.1	.0	.1	2.0	.0	5.1	2.5	17.0	
8. 6-2	.0	.0	.0	.0	.1	.0	.0	.5	.0	4.3	1.9	16.4	
9. 7-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	2.3	23.8	
10. 7-3	.0	.0	.0	.0	.0	.0	.0	.1	.1	1.4	1.0	44.6	
11. 16-1	.0	.0	.1	.2	.0	.0	.0	9.9	2.4	.0	.0	31.9	
12. 16-2	.0	.0	.1	.2	.0	.0	.0	4.7	2.6	1.3	.0	19.0	
13. 17-1	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.1	.0	59.7	
14. 17-2	.0	.0	.0	.0	.0	.0	.0	.6	.5	.7	.3	29.9	
15. 22-1	.0	.0	.2	.2	.0	.0	.0	.9	1.1	5.4	2.7	9.0	
16. 26-1	.0	.0	.0	.1	.0	.0	.0	.1	.2	.7	1.3	2.7	
17. 27-1	.0	.0	.1	.1	.0	.0	.0	1.0	.9	2.6	.8	7.6	
18. 27-2	.0	.0	.1	.1	.0	.0	.0	1.3	1.0	2.0	.4	8.6	
19. 29-1	.0	.0	.1	.1	.0	.0	.0	.8	.8	2.6	1.2	6.6	
20. 29-2	.0	.0	.1	.1	.0	.0	.0	.6	.6	2.2	1.3	5.5	

1

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: CO, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: CO (WORST CASE ANGLE)
 POLLUTANT: CARBON MONOXIDE

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 4 (D) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)				TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. 01	AG	9705	.....	9.5	24.0
B. 01	AG	9705	.....	7.0	24.0
C. 02	AG	8806	.....	10.0	24.0
D. 03	AG	9899	.....	10.0	24.0
E. 03	AG	9899	.....	10.0	24.0
F. 04	AG	7729	.....	10.0	22.0
G. 04	AG	7729	.....	10.0	22.0
H. 04	AG	7729	.....	8.0	22.0
I. 04	AG	7729	.....	2.0	22.0
J. 04	BG	7729	.....	2.0	22.0
K. S1	AG	3217	.....	1.0	15.0
L. S1	AG	3217	.....	1.0	15.0
M. S2	AG	1646	.....	6.0	12.0
N. S2	AG	1646	.....	10.0	12.0
O. S3	AG	375	.....	3.0	12.0
P. I1	AG	495	.....	3.0	14.0
Q. I2	AG	371	.....	3.0	14.0
R. I3	AG	827	.....	8.0	14.0
S. I4	AG	496	.....	3.0	12.0
T. NT	AG	2304	.....	7.0	26.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: CO, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: CO (WORST CASE ANGLE)
 POLLUTANT: CARBON MONOXIDE

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. 36-4	838166	827852	4.3
2. 39-1	838287	827897	4.3
3. 46-1	837965	827947	54.1
4. 53-5	837817	827664	6.3
5. 53-7	837941	827780	2.1
6. 53-5	837620	827439	.5
7. 53-7	837719	827548	1.4
8. 57-1	837122	826759	39.2
9. 59	837256	826636	2.5
10. 60	837003	826611	6.1
11. 51-1	838451	828106	2.7
12. 45-2	838437	827842	1.9
13. 35-1	838073	827793	2.1
14. 19-1	837697	827390	2.5
15. 19-2	837685	827376	2.5
16. 47-1	838008	828042	51.1
17. 50	838125	828229	44.7
18. PR-1	838230	828063	2.5
19. PR-2	838020	827871	2.5
20. PR-3	837117	826709	2.5

JOB: CO, TAI PO ROAD YEAR-2021 (TPR ONLY)
RUN: CO (WORST CASE ANGLE)
POLLUTANT: CARBON MONOXIDE

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. 36-4	241.	141.5	.6	1.4	7.6	5.7	****	.2	.0	.0
2. 39-1	273.	98.8	.0	.0	.0	.0	8.3	19.7	36.5	9.1
3. 46-1	207.	53.0	2.5	5.2	18.0	7.9	14.9	.0	.0	.0
4. 53-5	206.	186.2	3.7	9.1	56.3	56.0	47.0	.0	.0	.0
5. 53-7	209.	188.8	3.2	6.7	26.2	15.5	****	.0	.0	.0
6. 53-5	56.	172.6	.0	.0	18.4	66.7	70.9	2.3	2.1	6.6
7. 53-7	59.	195.2	.0	.0	.0	2.0	****	3.0	2.6	8.3
8. 57-1	45.	90.8	11.6	34.1	22.9	2.6	8.5	.7	.6	2.4
9. 59	17.	97.1	21.4	45.5	19.1	1.7	3.9	.2	.2	.4
10. 60	46.	92.4	31.8	25.6	15.5	1.9	6.7	.6	.5	2.0
11. 51-1	224.	281.8	2.1	3.8	9.5	3.0	20.3	3.0	4.0	83.8
12. 45-2	254.	51.9	.1	.5	4.5	3.7	41.2	.7	.0	.0
13. 35-1	239.	190.4	.7	1.7	9.9	9.0	****	.0	.0	.0
14. 19-1	229.	207.6	5.4	18.1	****	.0	.0	.0	.0	.0
15. 19-2	229.	214.6	5.5	19.3	****	.0	.0	.0	.0	.0
16. 47-1	205.	50.5	2.1	4.4	14.4	6.6	19.1	.0	.0	.0
17. 50	203.	47.5	1.5	3.1	9.0	3.8	26.9	.4	.0	.0
18. PR-1	214.	134.9	2.2	4.2	11.2	4.0	57.9	18.0	18.8	5.3
19. PR-2	210.	163.2	2.8	5.7	19.0	9.1	****	.0	.0	.0
20. PR-3	45.	153.8	70.0	40.9	20.6	2.4	8.1	.7	.6	2.4

1

JOB: CO, TAI PO ROAD YEAR-2021 (TPR ONLY)
RUN: CO (WORST CASE ANGLE)
POLLUTANT: CARBON MONOXIDE

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)													
	I	J	K	L	M	N	O	P	Q	R	S	T		
1. 36-4	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.9		
2. 39-1	.0	.0	.0	.0	22.8	.0	2.3	.0	.0	.0	.0	.0		
3. 46-1	.0	.0	.4	.3	.0	.0	.4	.2	.7	.4	2.3			
4. 53-5	.0	.0	.6	.5	.0	.0	.0	1.2	.6	2.9	1.5	7.0		
5. 53-7	.0	.0	.5	.4	.0	.0	.0	.7	.4	1.5	.6	4.5		
6. 53-5	1.3	1.2	.0	.0	1.6	.8	.4	.0	.0	.0	.3	.0		
7. 53-7	1.7	1.5	.0	.0	2.3	1.0	.5	.0	.0	.0	.0	.0		
8. 57-1	.5	.5	.0	.0	.5	.2	.1	.9	.5	.6	.3	3.2		
9. 59	.1	.1	.0	.0	.1	.0	.0	.8	.7	.3	.3	2.4		
10. 60	.4	.4	.0	1.4	.4	.2	.1	.8	.4	.5	.3	2.7		
11. 51-1	****	28.7	.3	.2	5.1	6.0	.6	.3	.2	.4	.3	1.7		
12. 45-2	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	.2	.5		
13. 35-1	.0	.0	.0	.1	.0	.0	.0	.1	.1	.3	.4	1.2		
14. 19-1	.0	.0	.3	.3	.0	.0	.0	2.1	2.6	16.5	.4	15.7		
15. 19-2	.0	.0	.3	.4	.0	.0	.0	2.3	2.9	17.1	.2	16.9		
16. 47-1	.0	.0	.3	.2	.0	.0	.0	.3	.2	.6	.3	2.0		
17. 50	.0	.0	.2	.2	.0	.0	.0	.2	.1	.4	.2	1.4		
18. PR-1	.0	.0	.3	.3	5.1	.0	4.1	.3	.2	.5	.3	2.1		
19. PR-2	.0	.0	.5	.3	.0	.0	.0	.5	.3	1.0	.5	3.5		
20. PR-3	.5	.5	.0	.1	.5	.2	.2	1.1	.6	.7	.3	3.6		

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: CO, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: CO (WORST CASE ANGLE)
 POLLUTANT: CARBON MONOXIDE

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 4 (D) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)				TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. 01	AG	9705	.....	9.5	24.0
B. 01	AG	9705	.....	7.0	24.0
C. 02	AG	8806	.....	10.0	24.0
D. 03	AG	9899	.....	10.0	24.0
E. 03	AG	9899	.....	10.0	24.0
F. 04	AG	7729	.....	10.0	22.0
G. 04	AG	7729	.....	10.0	22.0
H. 04	AG	7729	.....	8.0	22.0
I. 04	AG	7729	.....	2.0	22.0
J. 04	AG	7729	.....	2.0	22.0
K. S1	AG	3217	.....	1.0	15.0
L. S1	AG	3217	.....	1.0	15.0
M. S2	AG	1646	.....	6.0	12.0
N. S2	AG	1646	.....	10.0	12.0
O. S3	AG	375	.....	3.0	12.0
P. 11	AG	495	.....	3.0	14.0
Q. 12	AG	371	.....	3.0	14.0
R. 13	AG	827	.....	8.0	14.0
S. 14	AG	496	.....	3.0	12.0
T. NT	AG	2304	.....	7.0	26.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: CO, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: CO (WORST CASE ANGLE)
 POLLUTANT: CARBON MONOXIDE

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. PR-4	837060	826644	2.5
2. 56-4	837260	827018	16.3
3. 58	836960	826608	10.5
4. 31	838003	827664	1.9
5. 21-1	837782	827402	2.5
6. 40	838375	827824	1.9
7. PR-5	836986	826598	2.5
8. 52-1	838635	828253	6.3
9. 52-2	838632	828307	6.3
10. 54-1	837527	827379	.5
11. 54-2	837541	827395	.5
12. 54-3	837573	827418	.5
13. 56-1	837289	827056	7.3
14. 56-2	837250	826952	7.3
15. 45-1	838402	827919	1.9

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. PR-4	43.	114.7	42.4	31.3	18.7	2.4	7.9	.6	.6	2.3
2. 56-4	53.	106.2	.0	9.3	62.0	4.2	10.8	.8	.7	2.6
3. 58	48.	81.3	24.8	24.1	14.9	1.8	6.2	.5	.5	1.9
4. 31	245.	104.7	.3	.8	14.2	23.5	63.4	.0	.0	.0
5. 21-1	237.	111.3	2.8	11.7	74.5	.0	.0	.0	.0	.0
6. 40	252.	56.4	.2	.6	5.7	4.9	43.7	.1	.0	.0
7. PR-5	46.	87.9	29.2	24.4	15.2	1.9	6.6	.6	.5	2.0

8.	52-1 *	230.	99.3 *	1.5	2.9	7.7	2.6	18.2	3.1	3.7	25.7
9.	52-2 *	226.	86.0 *	1.6	2.9	7.2	2.3	16.5	2.8	3.4	24.1
10.	54-1 *	190.	127.4 *	2.5	22.5	64.5	.0	.0	.0	.0	.0
11.	54-2 *	192.	126.2 *	3.3	22.2	66.0	.0	.0	.0	.0	.0
12.	54-3 *	58.	134.1 *	.0	.0	18.3	43.9	57.4	1.9	1.7	5.5
13.	56-1 *	53.	115.1 *	.0	2.8	71.7	5.1	12.3	.9	.8	2.9
14.	56-2 *	52.	142.0 *	.0	62.2	50.0	2.9	8.6	.7	.7	2.4
15.	45-1 *	282.	83.1 *	.0	.0	.0	.0	.5	1.8	7.6	50.4

1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 3

JOB: CO. TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: CO (WORST CASE ANGLE)
 POLLUTANT: CARBON MONOXIDE

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. PR-4 *	.5	.4	.0	1.2	.4	.2	.1	.9	.5	.6	.3	3.3
2. 56-4 *	.6	.6	.0	.0	.6	.3	.2	2.1	2.0	1.6	.6	7.3
3. 58 *	.4	.4	.0	.7	.4	.2	.1	.7	.4	.5	.2	2.5
4. 31 *	.0	.0	.0	.0	.0	.0	.0	.1	.4	.7	1.2	
5. 21-1 *	.0	.0	.1	.1	.0	.0	.0	1.9	1.8	5.3	.3	12.7
6. 40 *	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.6	
7. PR-5 *	.4	.4	.1	1.3	.4	.2	.1	.7	.4	.5	.3	2.7
8. 52-1 *	10.9	14.3	.2	.2	3.1	2.2	1.0	.2	.1	.3	.2	1.2
9. 52-2 *	8.1	9.0	.2	.2	2.9	1.9	1.0	.2	.1	.3	.2	1.2
10. 54-1 *	.0	.0	.5	.3	.0	.0	.0	3.3	4.3	.0	.0	29.7
11. 54-2 *	.0	.0	.6	.4	.0	.0	.0	3.3	4.0	.0	.0	26.4
12. 54-3 *	1.2	1.0	.0	.0	1.4	.7	.4	.0	.0	.0	.8	.0
13. 56-1 *	.6	.6	.0	.0	.6	.3	.2	2.0	2.7	2.0	.9	8.7
14. 56-2 *	.6	.5	.0	.0	.5	.3	.2	2.9	1.5	1.2	.4	6.5
15. 45-1 *	.0	.0	.0	.0	6.1	14.1	2.6	.0	.0	.0	.0	.0

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RUN ENDED ON 08-13-99 AT 15:38:51

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: CO, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: CO (WORST CASE ANGLE)
 POLLUTANT: CARBON MONOXIDE

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 4 (D) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)				TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. 01	AG	9705	.....	9.5	24.0
B. 01	AG	9705	.....	7.0	24.0
C. 02	AG	8806	.....	10.0	24.0
D. 03	AG	9899	.....	10.0	24.0
E. 03	AG	9899	.....	10.0	24.0
F. 04	AG	7729	.....	10.0	22.0
G. 04	AG	7729	.....	10.0	22.0
H. 04	AG	7729	.....	8.0	22.0
I. 04	AG	7729	.....	2.0	22.0
J. 04	BG	7729	.....	2.0	22.0
K. S1	AG	3217	.....	1.0	15.0
L. S1	AG	3217	.....	1.0	15.0
M. S2	AG	1646	.....	6.0	12.0
N. S2	AG	1646	.....	10.0	12.0
O. S3	AG	375	.....	3.0	12.0
P. I1	AG	495	.....	3.0	14.0
Q. I2	AG	371	.....	3.0	14.0
R. I3	AG	827	.....	8.0	14.0
S. I4	AG	496	.....	3.0	12.0
T. NT	AG	2304	.....	7.0	26.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: CO, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: CO (WORST CASE ANGLE)
 POLLUTANT: CARBON MONOXIDE

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. S1	837024	826492	1.0
2. S2	837131	826523	1.9
3. S3	837172	826510	1.9
4. S4	837220	826444	1.9
5. N1	838068	828204	51.0
6. N2	838201	828080	16.2
7. J2	837958	827694	5.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. S1	35.	85.3	24.4	20.7	15.0	2.1	7.2	.6	.6	1.9
2. S2	27.	111.8	29.5	26.2	17.0	2.3	7.1	.5	.5	1.4
3. S3	21.	109.4	26.9	28.3	16.0	1.9	5.2	.3	.3	.8
4. S4	12.	72.0	21.7	24.7	10.7	1.0	2.4	.1	.1	.2
5. N1	201.	42.5	1.4	3.1	9.5	4.2	21.5	.0	.0	.0
6. N2	212.	105.9	2.1	4.1	11.2	4.2	60.1	11.9	5.5	.3
7. J2	237.	215.4	1.0	2.3	18.4	22.8	.....	.0	.0	.0

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. S1	.4	.3	2.6	4.5	.4	.2	.1	.7	.4	.5	.3	2.6

2. S2 *	.3	.2	12.8	8.7	.3	.1	.1	.8	.5	.5	.3	2.7
3. S3 *	.1	.1	18.6	6.4	.2	.1	.1	.7	.5	.4	.3	2.3
4. S4 *	.0	.0	5.9	2.4	.1	.0	.0	.4	.4	.2	.2	1.4
5. W1 *	.0	.0	.2	.2	.0	.0	.0	.2	.1	.4	.2	1.4
6. W2 *	.0	.0	.3	.3	1.7	.0	.9	.3	.2	.5	.3	2.0
7. 32 *	.0	.0	.1	.1	.0	.0	.0	.1	.2	.5	.9	2.0

1

RUN ENDED ON 08-13-99 AT 15:38:53

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: CO, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: CO (WORST CASE ANGLE)
 POLLUTANT: CARBON MONOXIDE

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 4 (D) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)				TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. SM	AG	6556	.....	10.0	24.0
B. SM	AG	6556	.....	10.0	24.0
C. SM	AG	6556	.....	6.2	24.0
D. TW	AG	1420	.....	5.0	24.0
E. CS	AG	2665	.....	.5	18.0
F. LR	AG	1815	.....	.8	24.0
G. YW	AG	1467	.....	.2	20.0
H. YW	AG	1467	.....	.2	20.0
I. YW	AG	1467	.....	.2	20.0
J. FT	AG	4568	.....	2.0	20.0
K. FT	AG	4568	.....	4.0	20.0
L. FT	AG	4568	.....	7.0	20.0
M. FT	AG	4568	.....	5.0	20.0
N. FT	AG	4568	.....	2.0	20.0
O. FT	AG	4568	.....	1.0	20.0
P. ST	AG	4246	.....	2.0	20.0
Q. ST	AG	4246	.....	5.0	20.0
R. ST	AG	4246	.....	9.0	20.0
S. C1	AG	2059	.....	3.0	26.0
T. C2	AG	3217	.....	1.0	26.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: CO, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: CO (WORST CASE ANGLE)
 POLLUTANT: CARBON MONOXIDE

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. 1-1	837231	826661	10.5
2. 1-4	837245	826703	10.5
3. 2-3	837261	826748	10.5
4. 3-4	837322	826790	10.5
5. 4-1	837290	826830	10.5
6. 5-2	837527	827107	10.5
7. 5-4	837566	827152	10.5
8. 6-2	837585	827100	10.5
9. 7-2	837637	827158	10.5
10. 7-3	837682	827154	10.5
11. 16-1	837646	827255	4.3
12. 16-2	837702	827319	4.3
13. 17-1	837707	827196	4.3
14. 17-2	837771	827138	4.3
15. 22-1	837816	827497	4.3
16. 26-1	837914	827644	2.5
17. 27-1	837975	827492	4.3
18. 27-2	837958	827440	4.3
19. 29-1	837985	827548	4.3
20. 29-2	838033	827569	4.3

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL

JOB: CO, TAI PO ROAD YEAR-2021 (OTHER ROADS)
RUN: CO (WORST CASE ANGLE)
POLLUTANT: CARBON MONOXIDE

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. 1-1	250.	107.5	38.3	49.8	8.0	11.4	.0	.0	.0	.0
2. 1-4	243.	121.6	33.1	40.7	37.7	10.1	.0	.0	.0	.0
3. 2-3	237.	134.7	29.6	27.9	67.7	9.4	.0	.0	.0	.0
4. 3-4	237.	94.4	23.1	18.3	44.7	8.3	.0	.0	.0	.0
5. 4-1	225.	97.0	20.7	18.8	48.3	9.1	.0	.0	.0	.0
6. 5-2	211.	60.8	2.7	3.1	4.5	3.3	44.5	2.7	.0	.0
7. 5-4	214.	57.4	4.0	3.9	5.3	3.5	38.7	2.0	.0	.0
8. 6-2	227.	85.5	8.4	5.1	8.4	4.1	59.1	.5	.0	.0
9. 7-2	225.	54.9	6.9	4.2	6.5	3.7	32.7	.8	.0	.0
10. 7-3	121.	66.5	.0	.0	.0	.0	.0	.0	3.8	.1
11. 16-1	139.	63.8	.0	.0	.0	.0	.0	.0	2.7	.1
12. 16-2	152.	34.7	.0	.0	.0	.0	.0	.0	4.1	.5
13. 17-1	143.	88.8	.0	.0	.0	.0	.0	.0	2.8	.0
14. 17-2	144.	105.2	.0	.0	.0	.0	.0	.0	6.9	.0
15. 22-1	171.	21.6	.0	.0	.0	.0	.0	.0	2.5	4.2
16. 26-1	53.	23.0	.0	.0	.0	.0	.0	.0	.0	.0
17. 27-1	65.	27.9	.0	.0	.0	.0	.0	.0	.0	6.6
18. 27-2	61.	29.1	.0	.0	.0	.0	.0	.0	.0	8.9
19. 29-1	69.	26.7	.0	.0	.0	.0	.0	.0	.0	3.8
20. 29-2	70.	28.9	.0	.0	.0	.0	.0	.0	.0	4.1

1

JOB: CO, TAI PO ROAD YEAR-2021 (OTHER ROADS)
RUN: CO (WORST CASE ANGLE)
POLLUTANT: CARBON MONOXIDE

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)												
	I	J	K	L	M	N	O	P	Q	R	S	T	
1. 1-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 1-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 2-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. 3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. 4-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. 5-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 5-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. 6-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. 7-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. 7-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	28.5	34.1	.0	.0
11. 16-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	37.3	23.7	.0	.0
12. 16-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	22.0	.0	.0
13. 17-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	52.9	33.1	.0	.0
14. 17-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	27.3	71.0	.0	.0
15. 22-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	13.5	.0	.0
16. 26-1	.0	.1	3.0	5.0	4.7	.0	.0	2.8	6.6	.7	.0	.0	.0
17. 27-1	4.9	.0	.0	.0	2.9	5.9	2.6	.0	.7	4.4	.0	.0	.0
18. 27-2	4.2	.0	.0	.0	3.0	5.2	2.4	.0	1.0	4.3	.0	.0	.0
19. 29-1	5.5	.0	.0	.0	3.4	6.3	2.4	.0	.5	4.7	.0	.0	.0
20. 29-2	6.7	.0	.0	.0	3.1	7.2	2.6	.0	.3	4.9	.0	.0	.0

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: CO, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: CO (WORST CASE ANGLE)
 POLLUTANT: CARBON MONOXIDE

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 4 (D) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. SM					AG	6556	10.0	24.0	
B. SM					AG	6556	10.0	24.0	
C. SM					AG	6556	6.2	24.0	
D. TW					AG	1420	5.0	24.0	
E. CS					AG	2665	.5	18.0	
F. LR					AG	1815	.8	24.0	
G. YW					AG	1467	.2	20.0	
H. YW					AG	1467	.2	20.0	
I. YW					AG	1467	.2	20.0	
J. FT					AG	4568	2.0	20.0	
K. FT					AG	4568	4.0	20.0	
L. FT					AG	4568	7.0	20.0	
M. FT					AG	4568	5.0	20.0	
N. FT					AG	4568	2.0	20.0	
O. FT					AG	4568	1.0	20.0	
P. ST					AG	4246	2.0	20.0	
Q. ST					AG	4246	5.0	20.0	
R. ST					AG	4246	9.0	20.0	
S. C1					AG	2059	3.0	26.0	
T. C2					AG	3217	1.0	26.0	

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: CO, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: CO (WORST CASE ANGLE)
 POLLUTANT: CARBON MONOXIDE

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. 36-4	838166	827852	4.3
2. 39-1	838287	827897	4.3
3. 46-1	837965	827947	54.1
4. 53-5	837817	827664	6.3
5. 53-7	837941	827780	2.1
6. 53-5	837620	827439	.5
7. 53-7	837719	827548	1.4
8. 57-1	837122	826759	39.2
9. 59	837256	826636	2.5
10. 60	837003	826611	6.1
11. 51-1	838451	828106	2.7
12. 45-2	838437	827842	1.9
13. 35-1	838073	827793	2.1
14. 19-1	837697	827390	2.5
15. 19-2	837685	827376	2.5
16. 47-1	838008	828042	51.1
17. 50	838125	828229	44.7
18. PR-1	838230	828063	2.5
19. PR-2	838020	827871	2.5
20. PR-3	837117	826709	2.5

JOB: CO, TAI PO ROAD YEAR-2021 (OTHER ROADS)
RUN: CO (WORST CASE ANGLE)
POLLUTANT: CARBON MONOXIDE

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. 36-4	45.	39.9	.0	.0	.0	.0	.0	.0	.0	.0
2. 39-1	37.	66.3	.0	.0	.0	.0	.0	.0	.0	.0
3. 46-1	100.	14.2	.0	.0	.0	.0	.0	.0	.0	.0
4. 53-5	59.	20.5	.0	.0	.0	.0	.0	.0	.0	.0
5. 53-7	58.	24.5	.0	.0	.0	.0	.0	.0	.0	.0
6. 53-5	151.	25.2	.0	.0	.0	.0	.0	.0	2.3	.7
7. 53-7	164.	19.1	.0	.0	.0	.0	.0	.0	2.2	2.0
8. 57-1	219.	27.1	21.8	1.5	.0	3.8	.0	.0	.0	.0
9. 59	254.	93.2	37.2	31.1	1.0	24.0	.0	.0	.0	.0
10. 60	224.	110.5	93.1	.0	.0	17.4	.0	.0	.0	.0
11. 51-1	36.	75.0	.0	.0	.0	.0	.0	.0	.0	.0
12. 45-2	179.	124.9	.0	.0	.0	.0	.0	.0	.0	.0
13. 35-1	50.	31.3	.0	.0	.0	.0	.0	.0	3.4	1.0
14. 19-1	156.	27.8	.0	.0	.0	.0	.0	.0	3.3	.8
15. 19-2	154.	29.3	.0	.0	.0	.0	.0	.0	.0	.0
16. 47-1	111.	16.8	.0	.0	.0	.0	.0	.0	.0	.0
17. 50	137.	26.2	.0	.0	.0	.0	.0	.0	.0	.0
18. PR-1	126.	64.3	.0	.0	.0	.0	.0	.0	.0	.0
19. PR-2	61.	28.6	.0	.0	.0	.0	.0	.0	.0	.0
20. PR-3	145.	94.2	.0	9.8	61.4	8.4	.0	14.7	.0	.0

1

JOB: CO, TAI PO ROAD YEAR-2021 (OTHER ROADS)
RUN: CO (WORST CASE ANGLE)
POLLUTANT: CARBON MONOXIDE

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)												
	I	J	K	L	M	N	O	P	Q	R	S	T	
1. 36-4	.0	.0	9.1	14.4	.9	.0	.0	8.3	7.2	.0	.0	.0	.0
2. 39-1	.0	.0	2.2	37.8	4.8	.0	.0	11.2	10.2	.0	.0	.0	.0
3. 46-1	.2	.0	.0	.7	6.4	1.2	.4	.0	1.0	4.3	.0	.0	.0
4. 53-5	.0	.1	3.2	4.2	3.9	.0	.0	2.3	5.7	1.0	.0	.0	.0
5. 53-7	.0	.1	5.7	6.3	1.8	.0	.0	3.9	6.6	.1	.0	.0	.0
6. 53-5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	13.9	.0
7. 53-7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	11.8	.0
8. 57-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. 59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. 60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. 51-1	.0	.0	.0	.0	.0	.0	.0	45.1	29.9	.0	.0	.0	.0
12. 45-2	13.2	.0	.0	.0	85.7	25.5	.5	.0	.0	.0	.0	.0	.0
13. 35-1	.0	.0	6.3	9.7	2.1	.0	.0	5.5	7.6	.0	.0	.0	.0
14. 19-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	17.4	.0
15. 19-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	17.8	.0
16. 47-1	.1	.0	.0	1.7	7.1	1.3	.7	.0	1.0	4.8	.0	.0	.0
17. 50	.4	.0	2.5	5.7	7.7	2.4	2.0	.0	1.2	4.4	.0	.0	.0
18. PR-1	.1	.0	.1	29.6	17.8	1.4	.9	.0	2.1	12.3	.0	.0	.0
19. PR-2	.0	.0	8.0	7.4	.7	.0	.0	4.8	7.7	.0	.0	.0	.0
20. PR-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: CO, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: CO (WORST CASE ANGLE)
 POLLUTANT: CARBON MONOXIDE

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 4 (D) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)				TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. SM					AG	6556		10.0	24.0
B. SM					AG	6556		10.0	24.0
C. SM					AG	6556		6.2	24.0
D. TW					AG	1420		5.0	24.0
E. CS					AG	2665		.5	18.0
F. LR					AG	1815		.8	24.0
G. YW					AG	1467		.2	20.0
H. YW					AG	1467		.2	20.0
I. YW					AG	1467		.2	20.0
J. FT					AG	4568		2.0	20.0
K. FT					AG	4568		4.0	20.0
L. FT					AG	4568		7.0	20.0
M. FT					AG	4568		5.0	20.0
N. FT					AG	4568		2.0	20.0
O. FT					AG	4568		1.0	20.0
P. ST					AG	4246		2.0	20.0
Q. ST					AG	4246		5.0	20.0
R. ST					AG	4246		9.0	20.0
S. C1					AG	2059		3.0	26.0
T. C2					AG	3217		1.0	26.0

1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: CO, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: CO (WORST CASE ANGLE)
 POLLUTANT: CARBON MONOXIDE

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. PR-4	837060	826644	2.5
2. 56-4	837260	827018	16.3
3. 58	836960	826608	10.5
4. 31	838003	827664	1.9
5. 21-1	837782	827402	2.5
6. 40	838375	827824	1.9
7. PR-5	836986	826598	2.5
8. 52-1	838635	828253	6.3
9. 52-2	838632	828307	6.3
10. 54-1	837527	827379	.5
11. 54-2	837541	827395	.5
12. 54-3	837573	827418	.5
13. 56-1	837289	827056	7.3
14. 56-2	837250	826952	7.3
15. 45-1	838402	827919	1.9

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. PR-4	222.	104.1	86.0	.9	.0	17.2	.0	.0	.0	.0
2. 56-4	200.	39.3	6.1	11.7	15.6	5.4	.0	.5	.0	.0
3. 58	215.	83.9	70.3	.0	.0	13.6	.0	.0	.0	.0
4. 31	50.	26.1	.0	.0	.0	.0	.0	.0	.0	.0
5. 21-1	165.	26.4	.0	.0	.0	.0	.0	.0	3.8	3.3
6. 40	358.	107.8	.0	.0	.0	.0	.0	.0	.0	.0
7. PR-5	225.	120.7	.0	.0	19.3	.0	.0	.0	.0	.0

8.	52-1 *	211.	58.7 *	.7	.4	.4	.4	.8	.3	.3	5.0
9.	52-2 *	236.	66.6 *	.8	.3	.4	.3	.6	.1	.0	.1
10.	54-1 *	136.	28.0 *	.0	.0	.0	.0	.0	.0	2.1	.6
11.	54-2 *	139.	27.1 *	.0	.0	.0	.0	.0	.0	2.1	.6
12.	54-3 *	145.	26.5 *	.0	.0	.0	.0	.0	.0	2.0	.6
13.	56-1 *	203.	38.3 *	7.9	10.9	13.4	5.6	.0	.4	.0	.0
14.	56-2 *	201.	51.3 *	5.6	14.7	23.9	6.6	.0	.5	.0	.0
15.	45-1 *	176.	118.1 *	.0	.0	.0	.0	.0	.0	.0	.2

1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 3

JOB: CO, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: CO (WORST CASE ANGLE)
 POLLUTANT: CARBON MONOXIDE

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. PR-4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 56-4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 58 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. 31 *	.0	.0	2.4	5.8	6.2	.0	.0	3.1	8.0	.5	.0	.0
5. 21-1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	17.5
6. 40 *	.0	6.0	18.1	20.4	62.6	.0	.0	.5	.2	.0	.0	.0
7. PR-5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. 52-1 *	2.3	.0	.0	1.6	12.0	1.6	.1	.0	27.8	2.0	.7	2.4
9. 52-2 *	.0	.0	13.7	3.2	.2	.0	.0	41.8	4.8	.0	.2	.1
10. 54-1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.5	13.8
11. 54-2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.9	13.6
12. 54-3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.3	13.6
13. 56-1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. 56-2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. 45-1 *	9.8	.0	.0	.0	99.7	7.8	.6	.0	.0	.0	.0	.0

1

RUN ENDED ON 08-13-99 AT 12:05:57

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 RUN BEGAN ON 08-13-99 AT 12:05:57

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: CO, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: CO (WORST CASE ANGLE)
 POLLUTANT: CARBON MONOXIDE

I. SITE VARIABLES

U= 1.0 M/S 20= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 4 (D) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 FPM
 SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. SM					AG	6556	*****	10.0	24.0
B. SM					AG	6556	*****	10.0	24.0
C. SM					AG	6556	*****	6.2	24.0
D. TW					AG	1420	*****	5.0	24.0
E. CS					AG	2665	*****	.5	18.0
F. LR					AG	1815	*****	.8	24.0
G. YW					AG	1467	*****	.2	20.0
H. YW					AG	1467	*****	.2	20.0
I. YW					AG	1467	*****	.2	20.0
J. FT					AG	4568	*****	2.0	20.0
K. FT					AG	4568	*****	4.0	20.0
L. FT					AG	4568	*****	7.0	20.0
M. FT					AG	4568	*****	5.0	20.0
N. FT					AG	4568	*****	2.0	20.0
O. FT					AG	4568	*****	1.0	20.0
P. ST					AG	4246	*****	2.0	20.0
Q. ST					AG	4246	*****	5.0	20.0
R. ST					AG	4246	*****	9.0	20.0
S. C1					AG	2059	*****	3.0	26.0
T. C2					AG	3217	*****	1.0	26.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: CO, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: CO (WORST CASE ANGLE)
 POLLUTANT: CARBON MONOXIDE

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. S1	837024	826492	1.0
2. S2	837131	826523	1.9
3. S3	837172	826510	1.9
4. S4	837220	826444	1.9
5. N1	838068	828204	51.0
6. N2	838201	828080	16.2
7. 32	837958	827694	5.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM)																			
			A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1. S1	32.	118.6	4.6	51.9	24.6	27.0	5.0	.0	.0	.5												
2. S2	281.	94.7	63.5	1.0	.0	30.2	.0	.0	.0	.0												
3. S3	283.	75.7	50.3	2.9	.0	22.5	.0	.0	.0	.0												
4. S4	30.	54.6	.0	.0	.0	.0	7.4	37.4	.2	1.5												
5. N1	131.	21.0	.0	.0	.0	.0	.0	.0	.0	.0												
6. N2	129.	48.9	.0	.0	.0	.0	.0	.0	.0	.0												
7. 32	52.	24.6	.0	.0	.0	.0	.0	.0	.0	.0												

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. S1	.1	.6	.9	.4	.6	.2	.1	.5	.7	.3	.5	.0

2. S2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. S3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. S4 *	.2	.6	1.1	.5	.9	.3	.2	.6	.9	.4	1.8	.6	.0
5. N1 *	.3	.0	.9	4.0	7.1	2.1	1.7	.0	.9	4.0	.0	.0	.0
6. N2 *	.3	.0	.2	15.2	19.1	2.7	1.8	.0	1.0	8.6	.0	.0	.0
7. J2 *	.0	.1	4.1	6.2	3.6	.0	.0	3.5	6.8	.3	.0	.0	.0

1

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: NOX, TAI PO ROAD YEAR-2021 (TPR ONLY)
RUN: NOX (WORST CASE ANGLE)
POLLUTANT: NOX GASES

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CH/S
CLAS= 4 (D) VS= .0 CH/S
MIXH= 1000. M AMB= .0 PPM
SICHT= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)				TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. 01	AG	9705	519.3	9.5	24.0
B. 01	AG	9705	519.3	7.0	24.0
C. 02	AG	8806	510.4	10.0	24.0
D. 03	AG	9899	514.1	10.0	24.0
E. 03	AG	9899	514.1	10.0	24.0
F. 04	AG	7729	378.3	10.0	22.0
G. 04	AG	7729	378.3	10.0	22.0
H. 04	AG	7729	378.3	8.0	22.0
I. 04	AG	7729	378.3	2.0	22.0
J. 04	BG	7729	378.3	2.0	22.0
K. S1	AG	3217	516.4	1.0	15.0
L. S1	AG	3217	516.4	1.0	15.0
M. S2	AG	1646	467.4	6.0	12.0
N. S2	AG	1646	467.4	10.0	12.0
O. S3	AG	375	391.6	3.0	12.0
P. I1	AG	495	628.2	3.0	14.0
Q. I2	AG	371	432.6	3.0	14.0
R. I3	AG	827	427.7	8.0	14.0
S. I4	AG	496	562.1	3.0	12.0
T. NT	AG	2304	461.7	7.0	26.0

1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: NOX, TAI PO ROAD YEAR-2021 (TPR ONLY)
RUN: NOX (WORST CASE ANGLE)
POLLUTANT: NOX GASES

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. 1-1	837231	826661	10.5
2. 1-4	837245	826703	10.5
3. 2-3	837261	826748	10.5
4. 3-4	837322	826790	10.5
5. 4-1	837290	826830	10.5
6. 5-2	837527	827107	10.5
7. 5-4	837566	827152	10.5
8. 6-2	837585	827100	10.5
9. 7-2	837637	827158	10.5
10. 7-3	837682	827154	10.5
11. 16-1	837646	827255	4.3
12. 16-2	837702	827319	4.3
13. 17-1	837707	827196	4.3
14. 17-2	837771	827138	4.3
15. 22-1	837816	827497	4.3
16. 26-1	837914	827644	2.5
17. 27-1	837975	827492	4.3
18. 27-2	837958	827440	4.3
19. 29-1	837985	827548	4.3
20. 29-2	838033	827569	4.3

1

JOB: NOX, TAI PO ROAD YEAR-2021 (TPR ONLY)
RUN: NOX (WORST CASE ANGLE)
POLLUTANT: NOX GASES

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. 1-1	19.	52.5	20.5	19.9	7.2	.7	1.8	.1	.1	.2
2. 1-4	18.	57.8	24.1	23.6	6.4	.6	1.4	.1	.1	.1
3. 2-3	20.	64.2	19.7	30.9	8.6	.8	1.9	.1	.1	.2
4. 3-4	21.	49.1	.0	24.5	16.2	1.3	2.9	.1	.1	.3
5. 4-1	24.	85.7	8.8	55.0	13.9	1.2	3.0	.1	.1	.3
6. 5-2	20.	58.0	.0	.0	38.6	3.9	4.8	.1	.1	.2
7. 5-4	19.	54.9	.0	.0	33.3	5.3	5.6	.1	.1	.1
8. 6-2	14.	40.8	.0	.0	22.7	4.8	4.3	.1	.0	.1
9. 7-2	9.	40.6	.0	.0	20.0	6.0	3.4	.0	.0	.0
10. 7-3	328.	37.1	.0	.0	19.3	.0	.0	.0	.0	.0
11. 16-1	235.	63.2	2.6	16.5	26.5	.0	.0	.0	.0	.0
12. 16-2	235.	53.3	2.0	10.4	29.8	.0	.0	.0	.0	.0
13. 17-1	295.	43.3	.0	.0	20.1	.0	.0	.0	.0	.0
14. 17-2	305.	27.3	.0	.0	15.3	.0	.0	.0	.0	.0
15. 22-1	233.	55.3	1.3	3.9	41.9	.7	.0	.0	.0	.0
16. 26-1	238.	80.2	.3	.8	9.9	15.7	51.6	.0	.0	.0
17. 27-1	242.	28.2	.9	3.2	19.0	.1	.0	.0	.0	.0
18. 27-2	244.	27.0	.9	3.8	17.0	.0	.0	.0	.0	.0
19. 29-1	239.	30.4	1.0	3.1	20.3	1.3	.0	.0	.0	.0
20. 29-2	242.	27.6	.7	2.2	18.1	2.5	.1	.0	.0	.0

1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: NOX, TAI PO ROAD YEAR-2021 (TPR ONLY)
RUN: NOX (WORST CASE ANGLE)
POLLUTANT: NOX GASES

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)												
	I	J	K	L	M	N	O	P	Q	R	S	T	
1. 1-1	.0	.0	.0	.4	.0	.0	.0	.3	.2	.1	.1	.8	
2. 1-4	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.7	
3. 2-3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.1	.2	1.0	
4. 3-4	.0	.0	.0	.0	.1	.0	.0	.8	.5	.2	.3	1.7	
5. 4-1	.0	.0	.0	.0	.1	.0	.0	.6	.4	.2	.3	1.5	
6. 5-2	.0	.0	.0	.0	.1	.0	.0	2.6	.2	1.1	1.0	5.4	
7. 5-4	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.9	1.1	6.3	
8. 6-2	.0	.0	.0	.0	.0	.0	.0	.2	.0	1.6	.8	6.1	
9. 7-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	.8	8.4	
10. 7-3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.5	.5	16.7	
11. 16-1	.0	.0	.1	.1	.0	.0	.0	4.9	.8	.0	.0	11.9	
12. 16-2	.0	.0	.1	.1	.0	.0	.0	2.3	.9	.5	.0	7.1	
13. 17-1	.0	.0	.0	.0	.0	.0	.0	.5	.4	.0	.0	22.3	
14. 17-2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.1	11.2	
15. 22-1	.0	.0	.1	.1	.0	.0	.0	.4	.4	2.0	1.2	3.4	
16. 26-1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.5	.9	
17. 27-1	.0	.0	.0	.1	.0	.0	.0	.5	.3	.9	.4	2.8	
18. 27-2	.0	.0	.0	.0	.0	.0	.0	.7	.4	.7	.2	3.2	
19. 29-1	.0	.0	.0	.1	.0	.0	.0	.4	.3	.9	.5	2.4	
20. 29-2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.8	.6	2.0	

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RUN ENDED ON 06-13-99 AT 15:38:59

IBM-PC VERSION (1.91)
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 SERIAL NUMBER 0000
 SOLD TO TRINITY CONSULTANTS
 RUN BEGAN ON 08-13-99 AT 15:38:59

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: NOX, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: NOX (WORST CASE ANGLE)
 POLLUTANT: NOX GASES

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 4 (D) VS= .0 CM/S
 MIXH= 1000. M AMB= 0 PPM
 SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)				TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. 01	AG	9705	519.3	9.5	24.0
B. 01	AG	9705	519.3	7.0	24.0
C. 02	AG	8806	510.4	10.0	24.0
D. 03	AG	9899	514.1	10.0	24.0
E. 03	AG	9899	514.1	10.0	24.0
F. 04	AG	7729	378.3	10.0	22.0
G. 04	AG	7729	378.3	10.0	22.0
H. 04	AG	7729	378.3	8.0	22.0
I. 04	AG	7729	378.3	2.0	22.0
J. 04	BG	7729	378.3	2.0	22.0
K. S1	AG	3217	516.4	1.0	15.0
L. S1	AG	3217	516.4	1.0	15.0
M. S2	AG	1646	467.4	6.0	12.0
N. S2	AG	1646	467.4	10.0	12.0
O. S3	AG	375	391.6	3.0	12.0
P. I1	AG	495	628.2	3.0	14.0
O. I2	AG	371	432.6	3.0	14.0
R. I3	AG	827	427.7	8.0	14.0
S. I4	AG	496	562.1	3.0	12.0
T. NT	AG	2304	461.7	7.0	26.0

1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: NOX, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: NOX (WORST CASE ANGLE)
 POLLUTANT: NOX GASES

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. 36-4	838166	827852	4.3
2. 39-1	838287	827897	4.3
3. 46-1	837965	827947	54.1
4. 53-5	837817	827664	6.3
5. 53-7	837941	827780	2.1
6. 53-5	837620	827439	.5
7. 53-7	837719	827548	1.4
8. 57-1	837122	826759	39.2
9. 59	837256	826636	2.5
10. 60	837003	826611	6.1
11. 51-1	838451	828106	2.7
12. 45-2	838437	827842	1.9
13. 35-1	838073	827793	2.1
14. 19-1	837697	827390	2.5
15. 19-2	837685	827376	2.5
16. 47-1	838008	828042	51.1
17. 50	838125	828229	44.7
18. PR-1	838230	828063	2.5
19. PR-2	838020	827871	2.5
20. PR-3	837117	826709	2.5

1

JOB: NOX, TAI PO ROAD YEAR-2021 (TPR ONLY)
RUN: NOX (WORST CASE ANGLE)
POLLUTANT: NOX GASES

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. 36-4	241.	60.0	.2	.6	3.2	2.4	52.7	.1	.0	.0
2. 39-1	244.	39.7	.2	.5	2.8	1.9	30.8	1.7	.2	.0
3. 46-1	207.	22.4	1.1	2.2	7.6	3.3	6.3	.0	.0	.0
4. 53-5	206.	78.5	1.6	3.9	23.8	23.7	19.9	.0	.0	.0
5. 53-7	209.	79.8	1.3	2.9	11.1	6.6	54.5	.0	.0	.0
6. 53-5	197.	68.8	1.4	5.3	48.7	.0	.0	.0	.0	.0
7. 53-7	60.	81.0	.0	.0	.0	1.1	73.6	.9	.8	2.5
8. 57-1	45.	38.0	5.0	14.6	9.7	1.1	3.6	.2	.2	.8
9. 59	15.	41.2	11.8	19.5	6.4	.5	1.2	.0	.0	.1
10. 60	46.	38.8	13.6	11.0	6.6	.8	2.8	.2	.2	.7
11. 51-1	225.	97.0	.9	1.6	4.2	1.4	9.6	1.1	1.4	28.3
12. 45-2	254.	21.9	.1	.2	1.9	1.6	17.5	.2	.0	.0
13. 35-1	239.	80.7	.3	.7	4.2	3.8	70.8	.0	.0	.0
14. 19-1	229.	86.2	2.3	7.7	61.8	.0	.0	.0	.0	.0
15. 19-2	229.	89.0	2.4	8.2	63.4	.0	.0	.0	.0	.0
16. 47-1	205.	21.3	.9	1.9	6.1	2.8	8.1	.0	.0	.0
17. 50	203.	20.0	.6	1.3	3.8	1.6	11.4	.1	.0	.0
18. PR-1	215.	52.6	1.0	1.9	5.1	1.9	25.4	5.7	5.6	1.4
19. PR-2	210.	69.0	1.2	2.4	8.1	3.8	50.9	.0	.0	.0
20. PR-3	45.	64.9	29.9	17.5	8.7	1.0	3.4	.2	.2	.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: NOX, TAI PO ROAD YEAR-2021 (TPR ONLY)
RUN: NOX (WORST CASE ANGLE)
POLLUTANT: NOX GASES

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)													
	I	J	K	L	M	N	O	P	Q	R	S	T		
1. 36-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3		
2. 39-1	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.1	.1	.8		
3. 46-1	.0	.0	.2	.1	.0	.0	.0	.2	.1	.2	.2	.8		
4. 53-5	.0	.0	.3	.2	.0	.0	.0	.6	.2	1.1	.7	2.6		
5. 53-7	.0	.0	.2	.2	.0	.0	.0	.4	.1	.5	.3	1.7		
6. 53-5	.0	.0	.3	.2	.0	.0	.0	1.7	.7	.2	3.9	6.6		
7. 53-7	.5	.4	.0	.0	.8	.4	.1	.0	.0	.0	.0	.0		
8. 57-1	.2	.1	.0	.0	.2	.1	.0	.5	.2	.2	.1	1.2		
9. 59	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.1	.7		
10. 60	.1	.1	.0	.6	.2	.1	.0	.4	.2	.2	.1	1.0		
11. 51-1	34.2	8.2	.1	.1	2.1	2.3	.2	.1	.1	.2	.1	.7		
12. 45-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2		
13. 35-1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.4		
14. 19-1	.0	.0	.1	.1	.0	.0	.0	1.0	.9	6.0	.2	5.9		
15. 19-2	.0	.0	.1	.2	.0	.0	.0	1.1	1.0	6.3	.1	6.3		
16. 47-1	.0	.0	.1	.1	.0	.0	.0	.2	.1	.2	.1	.7		
17. 50	.0	.0	.1	.1	.0	.0	.0	.1	.0	.1	.1	.5		
18. PR-1	.0	.0	.1	.1	1.8	.0	1.2	.2	.1	.2	.1	.8		
19. PR-2	.0	.0	.2	.1	.0	.0	.0	.3	.1	.4	.2	1.3		
20. PR-3	.2	.1	.0	.0	.2	.1	.0	.6	.2	.2	.1	1.4		

1

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: NOX, TAI PO ROAD YEAR-2021 (TPR ONLY)
RUN: NOX (WORST CASE ANGLE)
POLLUTANT: NOX GASES

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 4 (D) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)				TYPE	VPM	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. 01	AG	9705	519.3	9.5	24.0
B. 01	AG	9705	519.3	7.0	24.0
C. 02	AG	8806	510.4	10.0	24.0
D. 03	AG	9899	514.1	10.0	24.0
E. 03	AG	9899	514.1	10.0	24.0
F. 04	AG	7729	378.3	10.0	22.0
G. 04	AG	7729	378.3	10.0	22.0
H. 04	AG	7729	378.3	8.0	22.0
I. 04	AG	7729	378.3	2.0	22.0
J. 04	AG	7729	378.3	2.0	22.0
K. S1	BG	7729	378.3	2.0	22.0
L. S1	AG	3217	516.4	1.0	15.0
M. S2	AG	3217	516.4	1.0	15.0
N. S2	AG	1646	467.4	6.0	12.0
O. S3	AG	1646	467.4	10.0	12.0
P. I1	AG	375	391.6	3.0	12.0
Q. I2	AG	495	628.2	3.0	14.0
R. I3	AG	371	432.6	3.0	14.0
S. I4	AG	827	427.7	8.0	14.0
T. NT	AG	496	562.1	3.0	12.0
					AG	2304	461.7	7.0	26.0

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: NOX, TAI PO ROAD YEAR-2021 (TPR ONLY)
RUN: NOX (WORST CASE ANGLE)
POLLUTANT: NOX GASES

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. PR-4	837060	826644	2.5
2. S6-4	837260	827018	16.3
3. S8	836960	826608	10.5
4. 31	838003	827664	1.9
5. 21-1	837782	827402	2.5
6. 40	838375	827824	1.9
7. PR-5	836986	826598	2.5
8. S2-1	838635	828253	6.3
9. S2-2	838632	828307	6.3
10. S4-1	837527	827379	.5
11. S4-2	837541	827395	.5
12. S4-3	837573	827418	.5
13. S6-1	837289	827056	7.3
14. S6-2	837250	826952	7.3
15. 45-1	838402	827919	1.9

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. PR-4	43.	48.3	18.1	13.4	7.9	1.0	3.4	.2	.2	.7
2. S6-4	53.	44.0	.0	4.0	26.2	1.8	4.6	.3	.2	.9
3. S8	48.	34.1	10.6	10.3	6.3	.8	2.6	.2	.2	.6
4. 31	248.	44.3	.0	.1	3.7	8.4	31.5	.0	.0	.0
5. 21-1	236.	46.2	1.4	5.7	30.6	.0	.0	.0	.0	.0
6. 40	252.	23.9	.1	.3	2.4	2.1	18.5	.0	.0	.0
7. PR-5	46.	36.9	12.5	10.4	6.4	.8	2.8	.2	.2	.6

8.	52-1 *	230.	36.1 *	.7	1.2	3.2	1.1	7.7	1.0	1.2	8.4
9.	52-2 *	226.	31.5 *	.7	1.2	3.0	1.0	7.0	.9	1.1	7.9
10.	54-1 *	190.	52.5 *	1.1	9.6	27.2	.0	.0	.0	.0	.0
11.	54-2 *	195.	52.2 *	2.3	12.6	24.5	.0	.0	.0	.0	.0
12.	54-3 *	197.	54.7 *	2.3	10.4	30.5	.0	.0	.0	.0	.0
13.	56-1 *	53.	47.6 *	.0	1.2	30.3	2.2	5.2	.3	.3	.9
14.	56-2 *	53.	59.6 *	.0	28.7	19.9	1.1	3.3	.2	.2	.7
15.	45-1 *	249.	29.4 *	.1	.3	1.9	1.3	21.4	1.7	.8	.2

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 3

JOB: NOX, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: NOX (WORST CASE ANGLE)
 POLLUTANT: NOX GASES

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)												
	I	J	K	L	M	N	O	P	Q	R	S	T	
1. PR-4 *	.2	.1	.0	.5	.2	.1	.0	.5	.2	.2	.1	1.2	
2. 56-4 *	.2	.2	.0	.0	.2	.1	1.1	.7	.6	.3	2.7		
3. 58 *	.1	.1	.0	.3	.1	.1	.0	.3	.1	.2	1.0		
4. 31 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3		
5. 21-1 *	.0	.0	.1	.1	.0	.0	1.0	.7	1.9	.1	4.7		
6. 40 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2		
7. PR-5 *	.1	.1	.0	.6	.2	.1	.0	.4	.2	.2	1.1	1.0	
8. 52-1 *	3.6	4.7	.1	.1	1.2	.9	.3	.1	.0	.1	.1	.5	
9. 52-2 *	2.7	2.9	.1	.1	1.1	.8	.3	.1	.0	.1	.1	.5	
10. 54-1 *	.0	.0	.2	.1	.0	.0	1.6	1.5	.0	.0	11.1		
11. 54-2 *	.0	.0	.4	.2	.0	.0	1.4	1.4	.0	.0	9.4		
12. 54-3 *	.0	.0	.4	.2	.0	.0	1.6	1.2	.0	.2	7.9		
13. 56-1 *	.2	.2	.0	.0	.2	.1	1.0	1.0	.7	.4	3.3		
14. 56-2 *	.2	.2	.0	.0	.2	.1	1.4	.5	.4	.1	2.4		
15. 45-1 *	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.1	.1	.2	

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: NOX, TAI PO ROAD YEAR-2021 (TPR ONLY)
RUN: NOX (WORST CASE ANGLE)
POLLUTANT: NOX GASES

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 4 (D) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)				TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. 01	AG	9705	519.3	9.5	24.0
B. 01	AG	9705	519.3	7.0	24.0
C. 02	AG	8806	510.4	10.0	24.0
D. 03	AG	9899	514.1	10.0	24.0
E. 03	AG	9899	514.1	10.0	24.0
F. 04	AG	7729	378.3	10.0	22.0
G. 04	AG	7729	378.3	10.0	22.0
H. 04	AG	7729	378.3	8.0	22.0
I. 04	AG	7729	378.3	2.0	22.0
J. 04	BG	7729	378.3	2.0	22.0
K. S1	AG	3217	516.4	1.0	15.0
L. S1	AG	3217	516.4	1.0	15.0
M. S2	AG	1646	467.4	6.0	12.0
N. S2	AG	1646	467.4	10.0	12.0
O. S3	AG	375	391.6	3.0	12.0
P. I1	AG	495	628.2	3.0	14.0
Q. I2	AG	371	432.6	3.0	14.0
R. I3	AG	827	427.7	8.0	14.0
S. I4	AG	496	562.1	3.0	12.0
T. NT	AG	2304	461.7	7.0	26.0

1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: NOX, TAI PO ROAD YEAR-2021 (TPR ONLY)
RUN: NOX (WORST CASE ANGLE)
POLLUTANT: NOX GASES

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. S1	837024	826492	1.0
2. S2	837131	826523	1.9
3. S3	837172	826510	1.9
4. S4	837220	826444	1.9
5. N1	838068	828204	51.0
6. N2	838201	828080	16.2
7. J2	837958	827694	5.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. S1	35.	35.8	10.5	8.8	6.3	.9	3.1	.2	.2	.6
2. S2	27.	47.3	12.6	11.2	7.2	1.0	3.0	.2	.1	.4
3. S3	20.	46.4	12.4	12.0	6.4	.7	2.0	.1	.1	.2
4. S4	11.	30.6	10.0	10.3	4.0	.4	.9	.0	.0	.1
5. N1	201.	17.9	.6	1.3	4.0	1.8	9.1	.0	.0	.0
6. N2	213.	43.0	.9	1.8	5.0	1.9	25.7	3.5	1.5	.1
7. J2	237.	91.2	.4	1.0	7.8	9.7	70.9	.0	.0	.0

RECEPTOR	CONC/LINK (PPM)													
	I	J	K	L	M	N	O	P	Q	R	S	T		
1. S1	.1	.1	1.1	1.9	.1	.1	.0	.3	.2	.2	.1	1.0		

2. S2 *	.1	.1	5.5	3.7	.1	.0	.0	.4	.2	.2	.2	1.0
3. S3 *	.0	.0	8.0	2.9	.1	.0	.0	.3	.2	.1	.1	.8
4. S4 *	.0	.0	2.8	1.2	.0	.0	.0	.2	.1	.1	.1	.5
5. N1 *	.0	.0	.1	.1	.0	.0	.0	.1	.0	.1	.1	.5
6. N2 *	.0	.0	.1	.1	.6	.0	.3	.2	.1	.2	.1	.8
7. J2 *	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.4	.7

1

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: NOX, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: NOX (WORST CASE ANGLE)
 POLLUTANT: NOX GASES

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 4 (D) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)				TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. SM	AG	6556	520.6	10.0	24.0
B. SM	AG	6556	520.6	10.0	24.0
C. SM	AG	6556	520.6	6.2	24.0
D. TW	AG	1420	463.5	5.0	24.0
E. CS	AG	2665	514.9	.5	18.0
F. LR	AG	1815	462.6	.8	24.0
G. YW	AG	1467	552.6	.2	20.0
H. YW	AG	1467	552.6	.2	20.0
I. YW	AG	1467	552.6	.2	20.0
J. FT	AG	4568	437.7	2.0	20.0
K. FT	AG	4568	437.7	4.0	20.0
L. FT	AG	4568	437.7	7.0	20.0
M. FT	AG	4568	437.7	5.0	20.0
N. FT	AG	4568	437.7	2.0	20.0
O. FT	AG	4568	437.7	1.0	20.0
P. ST	AG	4246	379.8	2.0	20.0
Q. ST	AG	4246	379.8	5.0	20.0
R. ST	AG	4246	379.8	9.0	20.0
S. C1	AG	2059	527.7	3.0	26.0
T. C2	AG	3217	530.9	1.0	26.0

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: NOX, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: NOX (WORST CASE ANGLE)
 POLLUTANT: NOX GASES

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. 1-1	837231	826661	10.5
2. 1-4	837245	826703	10.5
3. 2-3	837261	826748	10.5
4. 3-4	837322	826790	10.5
5. 4-1	837290	826830	10.5
6. 5-2	837527	827107	10.5
7. 5-4	837566	827152	10.5
8. 6-2	837585	827100	10.5
9. 7-2	837637	827158	10.5
10. 7-3	837682	827154	10.5
11. 16-1	837646	827255	4.3
12. 16-2	837702	827319	4.3
13. 17-1	837707	827196	4.3
14. 17-2	837771	827138	4.3
15. 22-1	837816	827497	4.3
16. 26-1	837914	827644	2.5
17. 27-1	837975	827492	4.3
18. 27-2	837958	827440	4.3
19. 29-1	837985	827548	4.3
20. 29-2	838033	827569	4.3

1

JOB: NOX, TAI PO ROAD YEAR-2021 (OTHER ROADS)
RUN: NOX (WORST CASE ANGLE)
POLLUTANT: NOX GASES

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. 1-1	251.	45.4	15.9	21.8	3.8	3.9	.0	.0	.0	.0
2. 1-4	244.	51.5	13.9	17.1	17.0	3.5	.0	.0	.0	.0
3. 2-3	237.	57.1	12.7	11.9	28.9	3.6	.0	.0	.0	.0
4. 3-4	237.	40.0	9.9	7.8	19.1	3.2	.0	.0	.0	.0
5. 4-1	225.	41.0	8.9	8.0	20.6	3.5	.0	.0	.0	.0
6. 5-2	213.	25.1	1.6	1.8	2.5	1.4	17.0	.9	.0	.0
7. 5-4	214.	23.7	1.7	1.7	2.3	1.3	16.0	.8	.0	.0
8. 6-2	227.	35.5	3.6	2.2	3.6	1.6	24.4	.2	.0	.0
9. 7-2	225.	22.8	3.0	1.8	2.8	1.4	13.5	.3	.0	.0
10. 7-3	121.	27.9	.0	.0	.0	.0	.0	.0	1.7	.0
11. 16-1	139.	26.7	.0	.0	.0	.0	.0	.0	1.2	.0
12. 16-2	152.	14.6	.0	.0	.0	.0	.0	.0	1.8	.2
13. 17-1	143.	37.2	.0	.0	.0	.0	.0	.0	1.3	.0
14. 17-2	144.	44.2	.0	.0	.0	.0	.0	.0	3.1	.0
15. 22-1	171.	9.2	.0	.0	.0	.0	.0	.0	1.1	1.9
16. 26-1	80.	8.4	.0	.0	.0	.0	.0	.0	.0	.5
17. 27-1	66.	11.0	.0	.0	.0	.0	.0	.0	.0	3.2
18. 27-2	185.	11.8	.0	.0	.0	.0	.0	.0	.5	5.7
19. 29-1	71.	10.4	.0	.0	.0	.0	.0	.0	.0	2.1
20. 29-2	73.	11.3	.0	.0	.0	.0	.0	.0	.0	2.4

1

JOB: NOX, TAI PO ROAD YEAR-2021 (OTHER ROADS)
RUN: NOX (WORST CASE ANGLE)
POLLUTANT: NOX GASES

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)												
	I	J	K	L	M	N	O	P	Q	R	S	T	
1. 1-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 1-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 2-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. 3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. 4-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. 5-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 5-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. 6-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. 7-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. 7-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.9	14.3	.0
11. 16-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.6	9.9
12. 16-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	9.2
13. 17-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22.1	13.9
14. 17-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.4	29.7
15. 22-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.7
16. 26-1	1.9	.0	.0	.0	1.5	2.1	.9	.0	.1	1.3	.0	.0	.0
17. 27-1	2.1	.0	.0	.0	.9	2.1	1.1	.0	.2	1.3	.0	.0	.0
18. 27-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.6	.0
19. 29-1	2.5	.0	.0	.0	.9	2.3	1.1	.0	.1	1.3	.0	.0	.0
20. 29-2	2.9	.0	.0	.0	.7	2.6	1.4	.0	.0	1.2	.0	.0	.0

1

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: NOX, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: NOX (WORST CASE ANGLE)
 POLLUTANT: NOX GASES

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 4 (D) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)				TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. SM	AG	6556	520.6	10.0	24.0
B. SM	AG	6556	520.6	10.0	24.0
C. SM	AG	6556	520.6	6.2	24.0
D. TW	AG	1420	463.5	5.0	24.0
E. CS	AG	2665	514.9	.5	18.0
F. LR	AG	1815	462.6	.8	24.0
G. YW	AG	1467	552.6	.2	20.0
H. YW	AG	1467	552.6	.2	20.0
I. YW	AG	1467	552.6	.2	20.0
J. FT	AG	4568	437.7	2.0	20.0
K. FT	AG	4568	437.7	4.0	20.0
L. FT	AG	4568	437.7	7.0	20.0
M. FT	AG	4568	437.7	5.0	20.0
N. FT	AG	4568	437.7	2.0	20.0
O. FT	AG	4568	437.7	1.0	20.0
P. ST	AG	4246	379.8	2.0	20.0
Q. ST	AG	4246	379.8	5.0	20.0
R. ST	AG	4246	379.8	9.0	20.0
S. C1	AG	2059	527.7	3.0	26.0
T. C2	AG	3217	530.9	1.0	26.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: NOX, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: NOX (WORST CASE ANGLE)
 POLLUTANT: NOX GASES

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. 36-4	838166	827852	4.3
2. 39-1	838287	827897	4.3
3. 46-1	837965	827947	54.1
4. 53-5	837817	827664	6.3
5. 53-7	837941	827780	2.1
6. 53-5	837620	827439	.5
7. 53-7	837719	827548	1.4
8. 57-1	837122	826759	39.2
9. 59	837256	826636	2.5
10. 60	837003	826611	6.1
11. 51-1	838451	828106	2.7
12. 45-2	838437	827842	1.9
13. 35-1	838073	827793	2.1
14. 19-1	837697	827390	2.5
15. 19-2	837685	827376	2.5
16. 47-1	838008	828042	51.1
17. 50	838125	828229	44.7
18. PR-1	838230	828063	2.5
19. PR-2	838020	827871	2.5
20. PR-3	837117	826709	2.5

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL

JOB: NOX, TAI PO ROAD YEAR-2021 (OTHER ROADS)
RUN: NOX (WORST CASE ANGLE)
POLLUTANT: NOX GASES

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG * (DEG)	* PRED * * CONC * (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. 36-4	45.	14.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 39-1	36.	23.5	.0	.0	.0	.0	.0	.0	.0	.0
3. 46-1	102.	5.0	.0	.0	.0	.0	.0	.0	.0	.0
4. 53-5	82.	7.2	.0	.0	.0	.0	.0	.0	.0	.4
5. 53-7	57.	8.6	.0	.0	.0	.0	.0	.0	.0	.0
6. 53-5	151.	10.6	.0	.0	.0	.0	.0	.0	1.0	.3
7. 53-7	164.	8.1	.0	.0	.0	.0	.0	.0	1.0	.9
8. 57-1	219.	11.4	9.3	.6	.0	1.4	.0	.0	.0	.0
9. 59	254.	38.7	15.9	13.3	.4	9.2	.0	.0	.0	.0
10. 60	224.	46.4	39.8	.0	.0	6.7	.0	.0	.0	.0
11. 51-1	36.	24.5	.0	.0	.0	.0	.0	.0	.0	.0
12. 45-2	184.	47.0	.0	.0	.0	.0	.0	.0	.0	.0
13. 35-1	49.	11.0	.0	.0	.0	.0	.0	.0	.0	.0
14. 19-1	156.	11.7	.0	.0	.0	.0	.0	.0	1.5	.5
15. 19-2	154.	12.4	.0	.0	.0	.0	.0	.0	1.5	.4
16. 47-1	116.	6.0	.0	.0	.0	.0	.0	.0	.0	.0
17. 50	139.	9.5	.0	.0	.0	.0	.0	.0	.0	.0
18. PR-1	126.	23.0	.0	.0	.0	.0	.0	.0	.0	.0
19. PR-2	61.	10.0	.0	.0	.0	.0	.0	.0	.0	.0
20. PR-3	145.	39.2	.0	4.2	26.2	3.2	.0	5.6	.0	.0

1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: NOX, TAI PO ROAD YEAR-2021 (OTHER ROADS)
RUN: NOX (WORST CASE ANGLE)
POLLUTANT: NOX GASES

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)												
	I	J	K	L	M	N	O	P	Q	R	S	T	
1. 36-4	.0	.0	3.3	5.3	.3	.0	.0	2.7	2.4	.0	.0	.0	
2. 39-1	.0	.0	1.0	14.1	1.6	.0	.0	3.7	3.1	.0	.0	.0	
3. 46-1	.1	.0	.0	.2	2.3	.6	.2	.0	.2	1.4	.0	.0	
4. 53-5	1.4	.0	.0	.0	1.7	1.5	.8	.0	.2	1.2	.0	.0	
5. 53-7	.0	.0	2.3	2.2	.5	.0	.0	1.4	2.0	.0	.0	.0	
6. 53-5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	5.8	
7. 53-7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.9	
8. 57-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9. 59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10. 60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11. 51-1	.0	.0	.0	.0	.0	.0	.0	14.8	9.8	.0	.0	.0	
12. 45-2	7.3	.0	.0	.0	33.9	5.7	.0	.0	.0	.0	.0	.1	
13. 35-1	.0	.0	2.6	3.4	.6	.0	.0	1.9	2.3	.0	.0	.0	
14. 19-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.3	
15. 19-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	7.5	
16. 47-1	.2	.0	.0	.3	2.7	1.0	.6	.0	.1	1.2	.0	.0	
17. 50	.2	.0	.7	2.0	3.1	1.1	.9	.0	.3	1.2	.0	.0	
18. PR-1	.0	.0	.0	10.9	6.5	.5	.3	.0	.7	4.0	.0	.0	
19. PR-2	.0	.0	3.0	2.7	.3	.0	.0	1.6	2.5	.0	.0	.0	
20. PR-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: NOX, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: NOX (WORST CASE ANGLE)
 POLLUTANT: NOX GASES

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 4 (D) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)				TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. SM	AG	6556	520.6	10.0	24.0
B. SM	AG	6556	520.6	10.0	24.0
C. SM	AG	6556	520.6	6.2	24.0
D. TW	AG	1420	463.5	5.0	24.0
E. CS	AG	2665	514.9	.5	18.0
F. LR	AG	1815	462.6	.8	24.0
G. YW	AG	1467	552.6	.2	20.0
H. YW	AG	1467	552.6	.2	20.0
I. YW	AG	1467	552.6	.2	20.0
J. FT	AG	4568	437.7	2.0	20.0
K. FT	AG	4568	437.7	4.0	20.0
L. FT	AG	4568	437.7	7.0	20.0
M. FT	AG	4568	437.7	5.0	20.0
N. FT	AG	4568	437.7	2.0	20.0
O. FT	AG	4568	437.7	1.0	20.0
P. ST	AG	4246	379.8	2.0	20.0
Q. ST	AG	4246	379.8	5.0	20.0
R. ST	AG	4246	379.8	9.0	20.0
S. C1	AG	2059	527.7	3.0	26.0
T. C2	AG	3217	530.9	1.0	26.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: NOX, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: NOX (WORST CASE ANGLE)
 POLLUTANT: NOX GASES

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. PR-4	837060	826644	2.5
2. 56-4	837260	827018	16.3
3. 58	836960	826608	10.5
4. 31	838003	827664	1.9
5. 21-1	837782	827402	2.5
6. 40	838375	827824	1.9
7. PR-5	836986	826598	2.5
8. 52-1	838635	828253	6.3
9. 52-2	838632	828307	6.3
10. 54-1	837527	827379	.5
11. 54-2	837541	827395	.5
12. 54-3	837573	827418	.5
13. 56-1	837289	827056	7.3
14. 56-2	837250	826952	7.3
15. 45-1	838402	827919	1.9

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED		CONC/LINK (PPM)								
		CONC	ANGLE	A	B	C	D	E	F	G	H	
1. PR-4	222.	43.7	36.7	.4	.0	6.6	.0	.0	.0	.0	.0	.0
2. 56-4	200.	16.5	2.6	5.0	6.6	2.1	.0	.2	.0	.0	.0	.0
3. 58	215.	35.2	30.0	.0	.0	5.2	.0	.0	.0	.0	.0	.0
4. 31	83.	9.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
5. 21-1	165.	11.2	.0	.0	.0	.0	.0	.0	.0	1.7	1.5	.0
6. 40	358.	39.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. PR-5	225.	50.7	43.3	.0	.0	7.4	.0	.0	.0	.0	.0	.0

8. 52-1 *	211.	* 21.3	* .3	.2	.2	.1	.3	.1	.1	2.2
9. 52-2 *	228.	* 22.7	* .5	.2	.3	.2	.4	.1	.0	.3
10. 54-1 *	136.	* 11.8	* .0	.0	.0	.0	.0	.0	.9	.3
11. 54-2 *	139.	* 11.4	* .0	.0	.0	.0	.0	.0	.9	.3
12. 54-3 *	145.	* 11.2	* .0	.0	.0	.0	.0	.0	.9	.2
13. 56-1 *	203.	* 16.1	* 3.4	4.7	5.7	2.2	.0	.2	.0	.0
14. 56-2 *	201.	* 21.6	* 2.4	6.3	10.2	2.5	.0	.2	.0	.0
15. 45-1 *	176.	* 44.1	* .0	.0	.0	.0	.0	.0	.0	.1

1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 3

JOB: NOX, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: NOX (WORST CASE ANGLE)
 POLLUTANT: NOX GASES

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)												
	I	J	K	L	M	N	O	P	Q	R	S	T	
1. PR-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 56-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. 31	2.7	.0	.0	.0	1.1	2.7	1.3	.0	.0	1.1	.0	.0	.0
5. 21-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	7.3	.0
6. 40	.0	2.2	6.7	7.5	23.0	.0	.0	.2	.1	.0	.0	.0	.0
7. PR-5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. 52-1	1.0	.0	.0	.6	4.4	.6	.0	.0	9.1	.6	.3	1.0	.0
9. 52-2	.0	.0	2.9	2.5	.6	.0	.0	10.2	3.9	.0	.2	.2	.0
10. 54-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.8	.0
11. 54-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.7	.0
12. 54-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.7	.0
13. 56-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. 56-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. 45-1	4.4	.0	.0	.0	36.6	2.9	.2	.0	.0	.0	.0	.0	.0

1

RUN ENDED ON 08-13-99 AT 12:08:22

2. S2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. S3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. S4 *	.1	.2	.4	.2	.3	.1	.1	.2	.3	.1	.8	.2		
5. N1 *	.1	.0	.3	1.5	2.6	.8	.6	.0	.3	1.3	.0	.0		
6. N2 *	.2	.0	.0	4.9	7.8	1.3	.9	.0	.2	2.4	.0	.0		
7. J2 *	.0	.0	1.5	2.3	1.3	.0	.0	1.2	2.2	.1	.0	.0		

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: PM, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: PM (WORST CASE ANGLE)
 POLLUTANT: PM PARTICULATES
 (NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= 1.9 CM/S
 CLAS= 4 (D) VS= 1.9 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)				TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. 01	AG	9705	.6	9.5	24.0
B. 01	AG	9705	.6	7.0	24.0
C. 02	AG	8806	.5	10.0	24.0
D. 03	AG	9899	.5	10.0	24.0
E. 03	AG	9899	.5	10.0	24.0
F. 04	AG	7729	.4	10.0	22.0
G. 04	AG	7729	.4	10.0	22.0
H. 04	AG	7729	.4	8.0	22.0
I. 04	AG	7729	.4	2.0	22.0
J. 04	BG	7729	.4	2.0	22.0
K. S1	AG	3217	.6	1.0	15.0
L. S1	AG	3217	.6	1.0	15.0
M. S2	AG	1646	.5	6.0	12.0
N. S2	AG	1646	.5	10.0	12.0
O. S3	AG	375	.4	3.0	12.0
P. I1	AG	495	.7	3.0	14.0
Q. I2	AG	371	.5	3.0	14.0
R. I3	AG	827	.5	8.0	14.0
S. I4	AG	496	.6	3.0	12.0
T. NT	AG	2304	.5	7.0	26.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: PM, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: PM (WORST CASE ANGLE)
 POLLUTANT: PM PARTICULATES
 (NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. 1-1	837231	826661	10.5
2. 1-4	837245	826703	10.5
3. 2-3	837261	826748	10.5
4. 3-4	837322	826790	10.5
5. 4-1	837290	826830	10.5
6. 5-2	837527	827107	10.5
7. 5-4	837566	827152	10.5
8. 6-2	837585	827100	10.5
9. 7-2	837637	827158	10.5
10. 7-3	837682	827154	10.5
11. 16-1	837646	827255	4.3
12. 16-2	837702	827319	4.3
13. 17-1	837707	827196	4.3
14. 17-2	837771	827138	4.3
15. 22-1	837816	827497	4.3
16. 26-1	837914	827644	2.5
17. 27-1	837975	827492	4.3
18. 27-2	837958	827440	4.3
19. 29-1	837985	827548	4.3
20. 29-2	838033	827569	4.3

JOB: PM, TAI PO ROAD YEAR-2021 (TPR ONLY)
RUN: PM (WORST CASE ANGLE)
POLLUTANT: PM PARTICULATES
(NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG * (DEG)	* PRED * * CONC * (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. 1-1	16.	60.1	30.7	20.4	5.3	.5	1.1	.0	.0	.1
2. 1-4	17.	67.3	31.9	26.0	6.1	.5	1.2	.1	.0	.1
3. 2-3	19.	74.7	26.7	35.3	8.3	.7	1.6	.1	.1	.1
4. 3-4	21.	55.1	.0	28.5	18.1	1.3	2.9	.1	.1	.2
5. 4-1	22.	101.2	14.7	67.1	12.8	1.0	2.4	.1	.1	.2
6. 5-2	19.	67.8	.0	.0	47.3	3.8	4.4	.1	.1	.1
7. 5-4	19.	64.5	.0	.0	39.7	6.0	6.0	.1	.1	.2
8. 6-2	14.	47.0	.0	.0	26.4	5.3	4.6	.1	.0	.1
9. 7-2	4.	48.1	.0	.0	28.2	3.8	1.2	.0	.0	.0
10. 7-3	328.	44.9	.0	.0	23.2	.0	.0	.0	.0	.0
11. 16-1	238.	77.7	1.7	14.7	37.4	.0	.0	.0	.0	.0
12. 16-2	235.	62.9	2.2	11.6	35.8	.0	.0	.0	.0	.0
13. 17-1	294.	54.6	.0	.0	24.6	.0	.0	.0	.0	.0
14. 17-2	305.	32.4	.0	.0	18.0	.0	.0	.0	.0	.0
15. 22-1	233.	64.8	1.3	4.1	49.8	1.0	.0	.0	.0	.0
16. 26-1	30.	99.5	.0	.0	.0	.0	92.8	2.7	1.5	1.4
17. 27-1	243.	31.1	.8	3.0	21.8	.2	.0	.0	.0	.0
18. 27-2	246.	29.8	.7	3.1	20.3	.0	.0	.0	.0	.0
19. 29-1	240.	33.6	.8	2.8	23.0	2.0	.0	.0	.0	.0
20. 29-2	243.	30.3	.6	2.0	20.0	3.5	.2	.0	.0	.0

1

JOB: PM, TAI PO ROAD YEAR-2021 (TPR ONLY)
RUN: PM (WORST CASE ANGLE)
POLLUTANT: PM PARTICULATES
(NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. 1-1	.0	.0	.0	.8	.0	.0	.0	.2	.2	.1	.1	.6
2. 1-4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.7
3. 2-3	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1	.9
4. 3-4	.0	.0	.0	.0	.1	.0	.0	.9	.5	.2	.3	1.8
5. 4-1	.0	.0	.0	.0	.1	.0	.0	.5	.4	.1	.2	1.3
6. 5-2	.0	.0	.0	.0	.0	.0	.0	3.0	.2	1.2	1.1	6.4
7. 5-4	.0	.0	.0	.0	.0	.0	.0	1.1	.0	2.3	1.2	7.8
8. 6-2	.0	.0	.0	.0	.0	.0	.0	.3	.0	1.9	.9	7.4
9. 7-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	1.1	11.2
10. 7-3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.6	.5	20.5
11. 16-1	.0	.0	.0	.0	.0	.0	.0	5.7	1.1	.0	.0	17.0
12. 16-2	.0	.0	.1	.1	.0	.0	.0	2.6	1.0	.6	.0	8.9
13. 17-1	.0	.0	.0	.0	.0	.0	.0	.6	.5	.0	.0	28.9
14. 17-2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.1	13.5
15. 22-1	.0	.0	.1	.1	.0	.0	.0	.5	.4	2.4	1.3	3.8
16. 26-1	.1	.1	.0	.0	.7	.0	.3	.0	.0	.0	.0	.0
17. 27-1	.0	.0	.0	.0	.0	.0	.0	.4	.3	1.1	.4	3.0
18. 27-2	.0	.0	.0	.0	.0	.0	.0	.6	.4	1.0	.2	3.5
19. 29-1	.0	.0	.0	.0	.0	.0	.0	.3	.3	1.1	.6	2.6
20. 29-2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.9	.6	2.1

1

RUN ENDED ON 08-13-99 AT 15:39:33

IBM-PC VERSION (1.91)
 (C) COPYRIGHT 1987, TRINITY CONSULTANTS, INC.
 SERIAL NUMBER 0000
 SOLD TO TRINITY CONSULTANTS
 RUN BEGAN ON 08-13-99 AT 15:39:33

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: PM, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: PM (WORST CASE ANGLE)
 POLLUTANT: PM PARTICULATES
 (NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= 1.9 CM/S
 CLAS= 4 (D) VS= 1.9 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)				TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. 01	AG	9705	.6	9.5	24.0
B. 01	AG	9705	.6	7.0	24.0
C. 02	AG	8806	.5	10.0	24.0
D. 03	AG	9899	.5	10.0	24.0
E. 03	AG	9899	.5	10.0	24.0
F. 04	AG	7729	.4	10.0	22.0
G. 04	AG	7729	.4	10.0	22.0
H. 04	AG	7729	.4	8.0	22.0
I. 04	AG	7729	.4	2.0	22.0
J. 04	AG	7729	.4	2.0	22.0
K. S1	AG	3217	.6	1.0	15.0
L. S1	AG	3217	.6	1.0	15.0
M. S2	AG	1646	.5	6.0	12.0
N. S2	AG	1646	.5	10.0	12.0
O. S3	AG	375	.4	3.0	12.0
P. I1	AG	495	.7	3.0	14.0
Q. I2	AG	371	.5	3.0	14.0
R. I3	AG	827	.5	8.0	14.0
S. I4	AG	496	.6	3.0	12.0
T. NT	AG	2304	.5	7.0	26.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: PM, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: PM (WORST CASE ANGLE)
 POLLUTANT: PM PARTICULATES
 (NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. 36-4	838166	827852	4.3
2. 39-1	838287	827897	4.3
3. 46-1	837965	827947	54.1
4. 53-5	837817	827664	6.3
5. 53-7	837941	827780	2.1
6. 53-5	837620	827439	.5
7. 53-7	837719	827548	1.4
8. 57-1	837122	826759	39.2
9. 59	837256	826636	2.5
10. 60	837003	826611	6.1
11. 51-1	838451	828106	2.7
12. 45-2	838437	827842	1.9
13. 35-1	838073	827793	2.1
14. 19-1	837697	827390	2.5
15. 19-2	837685	827376	2.5
16. 47-1	838008	828042	51.1
17. 50	838125	828229	44.7
18. PR-1	838230	828063	2.5
19. PR-2	838020	827871	2.5
20. PR-3	837117	826709	2.5

JOB: PM, TAI PO ROAD YEAR-2021 (TPR ONLY)
RUN: PM (WORST CASE ANGLE)
POLLUTANT: PM PARTICULATES
(NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. 36-4	242.	70.9	.2	.5	2.9	2.4	64.3	.1	.0	.0
2. 39-1	247.	45.5	.1	.3	1.7	1.4	35.6	3.5	.7	.0
3. 46-1	207.	23.0	1.0	2.2	8.0	3.5	6.6	.0	.0	.0
4. 53-5	205.	93.6	1.6	3.8	26.1	29.0	27.4	.0	.0	.0
5. 53-7	209.	95.5	1.4	3.0	12.4	7.6	67.6	.0	.0	.0
6. 53-5	57.	86.5	.0	.0	11.5	35.9	33.2	.8	.7	2.3
7. 53-7	61.	99.7	.0	.0	.0	1.8	91.3	.9	.8	2.6
8. 57-1	45.	40.5	5.5	16.0	10.4	1.1	3.6	.2	.2	.8
9. 59	14.	46.6	16.0	21.8	6.0	.5	1.0	.0	.0	.1
10. 60	46.	42.5	15.7	12.1	7.0	.8	2.9	.2	.2	.6
11. 51-1	225.	119.2	.8	1.6	4.3	1.4	10.6	1.4	1.8	36.5
12. 45-2	256.	23.8	.0	.1	1.4	1.3	20.1	.5	.1	.0
13. 35-1	241.	99.1	.2	.5	3.2	3.3	91.3	.0	.0	.0
14. 19-1	230.	106.5	2.2	7.6	78.8	.0	.0	.0	.0	.0
15. 19-2	230.	110.5	2.2	8.1	81.1	.0	.0	.0	.0	.0
16. 47-1	205.	21.7	.9	1.8	6.3	2.9	8.4	.0	.0	.0
17. 50	203.	20.3	.6	1.3	3.8	1.6	11.8	.2	.0	.0
18. PR-1	215.	60.8	.9	1.9	5.3	2.0	29.0	7.3	7.3	1.9
19. PR-2	210.	81.0	1.2	2.5	8.8	4.4	61.5	.0	.0	.0
20. PR-3	46.	74.8	38.1	19.3	8.9	1.0	3.3	.2	.2	.7

1

JOB: PM, TAI PO ROAD YEAR-2021 (TPR ONLY)
RUN: PM (WORST CASE ANGLE)
POLLUTANT: PM PARTICULATES
(NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)												
	I	J	K	L	M	N	O	P	Q	R	S	T	
1. 36-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	
2. 39-1	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.1	.2	
3. 46-1	.0	.0	.1	.1	.0	.0	.0	.2	.1	.2	.1	.8	
4. 53-5	.0	.0	.2	.2	.0	.0	.5	.2	1.2	.6	2.7		
5. 53-7	.0	.0	.2	.2	.0	.0	.3	.1	.6	.3	1.8		
6. 53-5	.4	.4	.0	.6	.3	.1	.0	.0	.0	.2	.0		
7. 53-7	.5	.5	.0	.8	.4	.1	.0	.0	.0	.0	.0		
8. 57-1	.2	.1	.0	.2	.1	.0	.4	.2	.2	.1	1.2		
9. 59	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.6		
10. 60	.1	.1	.0	.7	.1	.1	.0	.4	.2	.2	.1	1.0	
11. 51-1	43.2	10.8	.1	.1	2.4	2.8	.3	.1	.1	.2	.1	.6	
12. 45-2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	
13. 35-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	
14. 19-1	.0	.0	.1	.1	.0	.0	1.0	1.0	8.3	.3	7.2		
15. 19-2	.0	.0	.1	.1	.0	.0	1.1	1.2	8.7	.1	7.8		
16. 47-1	.0	.0	.1	.1	.0	.0	.0	.1	.1	.2	.1	.7	
17. 50	.0	.0	.1	.1	.0	.0	.1	.0	.1	.1	.5		
18. PR-1	.0	.0	.1	.1	2.1	.0	1.5	.2	.1	.2	.1	.8	
19. PR-2	.0	.0	.2	.1	.0	.0	.3	.1	.4	.2	1.3		
20. PR-3	.2	.1	.0	.0	.2	.1	.0	.5	.2	.2	.1	1.3	

1

RUN ENDED ON 08-13-99 AT 15:39:39

IBM-PC VERSION (1.91)
 (C) COPYRIGHT 1987, TRINITY CONSULTANTS, INC.
 SERIAL NUMBER 0000
 SOLD TO TRINITY CONSULTANTS
 RUN BEGAN ON 08-13-99 AT 15:39:39

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: PM, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: PM (WORST CASE ANGLE)
 POLLUTANT: PM PARTICULATES
 (NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= 1.9 CM/S
 CLAS= 4 (D) VS= 1.9 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. 01	AG	9705	.6	9.5	24.0
B. 01	AG	9705	.6	7.0	24.0
C. 02	AG	8806	.5	10.0	24.0
D. 03	AG	9899	.5	10.0	24.0
E. 03	AG	9899	.5	10.0	24.0
F. 04	AG	7729	.4	10.0	22.0
G. 04	AG	7729	.4	10.0	22.0
H. 04	AG	7729	.4	8.0	22.0
I. 04	AG	7729	.4	2.0	22.0
J. 04	AG	7729	.4	2.0	22.0
K. S1	AG	3217	.6	1.0	15.0
L. S1	AG	3217	.6	1.0	15.0
M. S2	AG	1646	.5	6.0	12.0
N. S2	AG	1646	.5	10.0	12.0
O. S3	AG	375	.4	3.0	12.0
P. 11	AG	495	.7	3.0	14.0
Q. 12	AG	371	.5	3.0	14.0
R. 13	AG	827	.5	8.0	14.0
S. 14	AG	496	.6	3.0	12.0
T. NT	AG	2304	.5	7.0	26.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: PM, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: PM (WORST CASE ANGLE)
 POLLUTANT: PM PARTICULATES
 (NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. PR-4	837060	826644	2.5
2. 56-4	837260	827018	16.3
3. 58	836960	826608	10.5
4. 31	838003	827664	1.9
5. 21-1	837782	827402	2.5
6. 40	838375	827824	1.9
7. PR-5	836986	826598	2.5
8. 52-1	838635	828253	6.3
9. 52-2	838632	828307	6.3
10. 54-1	837527	827379	.5
11. 54-2	837541	827395	.5
12. 54-3	837573	827418	.5
13. 56-1	837289	827056	7.3
14. 56-2	837250	826952	7.3
15. 45-1	838402	827919	1.9

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. PR-4	43.	53.9	21.4	15.0	8.6	1.0	3.4	.2	.2	.7
2. 56-4	53.	49.0	.0	4.6	29.7	1.9	4.8	.3	.3	.9
3. 58	48.	36.9	12.1	11.3	6.7	.8	2.6	.2	.2	.6
4. 31	255.	53.5	.0	.0	.8	4.8	47.8	.0	.0	.0
5. 21-1	237.	53.9	1.3	5.4	37.2	.0	.0	.0	.0	.0
6. 40	254.	26.2	.0	.2	1.8	1.7	22.1	.1	.0	.0
7. PR-5	46.	40.3	14.4	11.5	6.8	.8	2.8	.2	.2	.6

8. 52-1 *	230. *	40.2 *	.6	1.2	3.2	1.1	8.2	1.2	1.4	10.0
9. 52-2 *	226. *	34.7 *	.6	1.2	3.0	1.0	7.4	1.1	1.3	9.3
10. 54-1 *	183. *	64.4 *	.1	3.9	39.1	.0	.0	.0	.0	.0
11. 54-2 *	190. *	62.9 *	.9	8.3	36.3	.0	.0	.0	.0	.0
12. 54-3 *	59. *	65.4 *	.0	.0	11.1	22.9	26.2	.6	.6	1.9
13. 56-1 *	53. *	53.8 *	.0	1.5	35.1	2.3	5.6	.3	.3	1.0
14. 56-2 *	53. *	68.4 *	.0	34.1	22.7	1.2	3.4	.2	.2	.8
15. 45-1 *	282. *	36.1 *	.0	.0	.0	.0	.2	.7	3.1	21.0

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 3

JOB: PM, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: PM (WORST CASE ANGLE)
 POLLUTANT: PM PARTICULATES
 (NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. PR-4 *	.1	.1	.0	.6	.2	.1	.0	.5	.2	.2	.1	1.2
2. 56-4 *	.2	.2	.0	.0	.2	.1	.1	1.1	.8	.6	.3	2.9
3. 58 *	.1	.1	.0	.3	.1	.1	.0	.3	.1	.2	.1	.9
4. 31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. 21-1 *	.0	.0	.0	.1	.0	.0	.0	1.0	.7	2.5	.1	5.6
6. 40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
7. PR-5 *	.1	.1	.0	.6	.1	.1	.0	.4	.2	.2	.1	1.0
8. 52-1 *	4.2	5.6	.1	.1	1.3	1.0	.3	.1	.0	.1	.1	.4
9. 52-2 *	3.1	3.5	.1	.1	1.2	.8	.3	.1	.0	.1	.1	.4
10. 54-1 *	.0	.0	.0	.0	.0	.0	.0	2.2	1.8	.0	.0	17.1
11. 54-2 *	.0	.0	.2	.1	.0	.0	.0	1.9	1.7	.0	.0	13.5
12. 54-3 *	.4	.3	.0	.0	.5	.3	.1	.0	.0	.0	.5	.0
13. 56-1 *	.2	.2	.0	.0	.2	.1	.1	1.1	1.1	.8	.4	3.6
14. 56-2 *	.2	.2	.0	.0	.2	.1	.0	1.5	.6	.4	.1	2.6
15. 45-1 *	.0	.0	.0	.0	2.9	7.2	.9	.0	.0	.0	.0	.0

1

RUN ENDED ON 08-13-99 AT 15:39:42

IBM-PC VERSION (1.91)
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 SERIAL NUMBER 0000
 SOLD TO TRINITY CONSULTANTS
 RUN BEGAN ON 08-13-99 AT 15:39:42

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: PM, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: PM (WORST CASE ANGLE)
 POLLUTANT: PM PARTICULATES
 (NOTE: OUTPUT IN MICRO-GRAMS/METER--3. IGNORE PPM LABEL)

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= 1.9 CM/S
 CLAS= 4 (D) VS= 1.9 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. 01	AG	9705	.6	9.5	24.0
B. 01	AG	9705	.6	7.0	24.0
C. 02	AG	8806	.5	10.0	24.0
D. 03	AG	9899	.5	10.0	24.0
E. 03	AG	9899	.5	10.0	24.0
F. 04	AG	7729	.4	10.0	22.0
G. 04	AG	7729	.4	10.0	22.0
H. 04	AG	7729	.4	8.0	22.0
I. 04	AG	7729	.4	2.0	22.0
J. 04	AG	7729	.4	2.0	22.0
K. S1	AG	3217	.6	1.0	15.0
L. S1	AG	3217	.6	1.0	15.0
M. S2	AG	1646	.5	6.0	12.0
N. S2	AG	1646	.5	10.0	12.0
O. S3	AG	375	.4	3.0	12.0
P. I1	AG	495	.7	3.0	14.0
Q. I2	AG	371	.5	3.0	14.0
R. I3	AG	827	.5	8.0	14.0
S. I4	AG	496	.6	3.0	12.0
T. NT	AG	2304	.5	7.0	26.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: PM, TAI PO ROAD YEAR-2021 (TPR ONLY)
 RUN: PM (WORST CASE ANGLE)
 POLLUTANT: PM PARTICULATES
 (NOTE: OUTPUT IN MICRO-GRAMS/METER--3. IGNORE PPM LABEL)

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. S1	837024	826492	1.0
2. S2	837131	826523	1.9
3. S3	837172	826510	1.9
4. S4	837220	826444	1.9
5. N1	838068	828204	51.0
6. N2	838201	828080	16.2
7. J2	837958	827694	5.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. S1	35.	38.8	12.0	9.7	6.7	.9	3.0	.2	.2	.6
2. S2	26.	52.2	15.4	12.6	7.5	.9	2.8	.2	.1	.4
3. S3	20.	51.4	14.4	13.2	6.7	.7	1.9	.1	.1	.2
4. S4	11.	33.4	11.4	11.1	4.2	.4	.8	.0	.0	.1
5. N1	202.	17.9	.6	1.3	4.3	1.9	8.8	.0	.0	.0
6. N2	212.	48.0	.9	1.7	5.0	1.9	28.7	4.8	2.2	.1
7. J2	238.	113.5	.3	.8	7.5	10.6	92.9	.0	.0	.0

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. S1	.1	.1	1.2	2.1	.1	.1	.0	.3	.2	.2	.1	.9

2. S2 *	.1	.1	5.9	4.3	.1	.0	.0	.3	.2	.2	.1	1.0
3. S3 *	.0	.0	9.1	3.3	.1	.0	.0	.3	.2	.1	.1	.8
4. S4 *	.0	.0	3.2	1.3	.0	.0	.0	.2	.1	.1	.1	.5
5. N1 *	.0	.0	.1	.1	.0	.0	.0	.1	.0	.1	.1	.5
6. N2 *	.0	.0	.1	.1	.8	.0	.3	.1	.1	.2	.1	.7
7. 32 *	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.7	

1

RUN ENDED ON 08-13-99 AT 15:39:44

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 RUN BEGAN ON 08-13-99 AT 12:06:52

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: PM, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: PM (WORST CASE ANGLE)
 POLLUTANT: PM PARTICULATES
 (NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= 1.9 CM/S
 CLAS= 4 (D) VS= 1.9 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)				TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. SM	AG	6556	.6	10.0	24.0
B. SM	AG	6556	.6	10.0	24.0
C. SM	AG	6556	.6	6.2	24.0
D. TW	AG	1420	.5	5.0	24.0
E. CS	AG	2665	.6	.5	18.0
F. LR	AG	1815	.5	.8	24.0
G. YW	AG	1467	.6	.2	20.0
H. YW	AG	1467	.6	.2	20.0
I. YW	AG	1467	.6	.2	20.0
J. FT	AG	4568	.5	2.0	20.0
K. FT	AG	4568	.5	4.0	20.0
L. FT	AG	4568	.5	7.0	20.0
M. FT	AG	4568	.5	5.0	20.0
N. FT	AG	4568	.5	2.0	20.0
O. FT	AG	4568	.5	1.0	20.0
P. ST	AG	4246	.4	2.0	20.0
Q. ST	AG	4246	.4	5.0	20.0
R. ST	AG	4246	.4	9.0	20.0
S. C1	AG	2059	.6	3.0	26.0
T. C2	AG	3217	.6	1.0	26.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: PM, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: PM (WORST CASE ANGLE)
 POLLUTANT: PM PARTICULATES
 (NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. 1-1	837231	826661	10.5
2. 1-4	837245	826703	10.5
3. 2-3	837261	826748	10.5
4. 3-4	837322	826790	10.5
5. 4-1	837290	826830	10.5
6. 5-2	837527	827107	10.5
7. 5-4	837566	827152	10.5
8. 6-2	837585	827100	10.5
9. 7-2	837637	827158	10.5
10. 7-3	837682	827154	10.5
11. 16-1	837646	827255	4.3
12. 16-2	837702	827319	4.3
13. 17-1	837707	827196	4.3
14. 17-2	837771	827138	4.3
15. 22-1	837816	827497	4.3
16. 26-1	837914	827644	2.5
17. 27-1	837975	827492	4.3
18. 27-2	837958	827440	4.3
19. 29-1	837985	827548	4.3
20. 29-2	838033	827569	4.3

JOB: PM, TAI PO ROAD YEAR-2021 (OTHER ROADS)
RUN: PM (WORST CASE ANGLE)
POLLUTANT: PM PARTICULATES
(NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	* PRED * CONC (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. 1-1	251.	54.1	18.5	26.6	4.6	4.4	.0	.0	.0	.0
2. 1-4	244.	60.9	16.1	20.7	20.3	3.9	.0	.0	.0	.0
3. 2-3	238.	67.1	14.3	13.6	35.7	3.6	.0	.0	.0	.0
4. 3-4	237.	45.8	11.1	9.1	22.3	3.4	.0	.0	.0	.0
5. 4-1	224.	47.2	9.3	9.6	24.5	3.8	.0	.0	.0	.0
6. 5-2	213.	27.0	1.6	1.9	2.7	1.4	18.5	.8	.0	.0
7. 5-4	214.	25.4	1.8	1.8	2.5	1.3	17.3	.7	.0	.0
8. 6-2	227.	38.4	3.7	2.4	3.9	1.5	26.7	.2	.0	.0
9. 7-2	225.	24.2	3.0	1.9	3.0	1.4	14.6	.3	.0	.0
10. 7-3	121.	30.3	.0	.0	.0	.0	.0	1.8	.0	.0
11. 16-1	139.	29.4	.0	.0	.0	.0	.0	.0	1.3	.0
12. 16-2	153.	15.4	.0	.0	.0	.0	.0	.0	1.8	.2
13. 17-1	144.	42.2	.0	.0	.0	.0	.0	.0	1.2	.0
14. 17-2	144.	50.0	.0	.0	.0	.0	.0	.0	3.5	.0
15. 22-1	171.	9.2	.0	.0	.0	.0	.0	.0	1.1	1.9
16. 26-1	77.	8.9	.0	.0	.0	.0	.0	.0	.0	.3
17. 27-1	66.	11.6	.0	.0	.0	.0	.0	.0	.0	3.3
18. 27-2	62.	12.2	.0	.0	.0	.0	.0	.0	.0	4.4
19. 29-1	71.	11.0	.0	.0	.0	.0	.0	.0	.0	2.2
20. 29-2	71.	12.1	.0	.0	.0	.0	.0	.0	.0	2.1

1

JOB: PM, TAI PO ROAD YEAR-2021 (OTHER ROADS)
RUN: PM (WORST CASE ANGLE)
POLLUTANT: PM PARTICULATES
(NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)													
	I	J	K	L	M	N	O	P	Q	R	S	T		
1. 1-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2. 1-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3. 2-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4. 3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5. 4-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6. 5-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7. 5-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8. 6-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9. 7-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10. 7-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.2	15.2	.0	
11. 16-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.6	10.4	
12. 16-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	9.2	
13. 17-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26.8	14.1	.0	
14. 17-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.8	32.7	
15. 22-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.6	
16. 26-1	1.6	.0	.0	.0	2.3	2.0	.6	.0	.3	1.8	.0	.0	.0	
17. 27-1	2.2	.0	.0	.0	1.0	2.3	1.1	.0	.2	1.5	.0	.0	.0	
18. 27-2	1.8	.0	.0	.0	1.0	2.0	1.1	.0	.3	1.5	.0	.0	.0	
19. 29-1	2.5	.0	.0	.0	1.0	2.5	1.2	.0	.1	1.5	.0	.0	.0	
20. 29-2	3.0	.0	.0	.0	1.1	2.9	1.2	.0	.1	1.7	.0	.0	.0	

1

RUN ENDED ON 08-13-99 AT 12:06:58

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 SERIAL NUMBER 0000
 SOLD TO TRINITY CONSULTANTS
 RUN BEGAN ON 08-13-99 AT 12:06:58

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: PM, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: PM (WORST CASE ANGLE)
 POLLUTANT: PM PARTICULATES
 (NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= 1.9 CM/S
 CLAS= 4 (D) VS= 1.9 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)				TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. SM	AG	6556	.6	10.0	24.0
B. SM	AG	6556	.6	10.0	24.0
C. SM	AG	6556	.6	6.2	24.0
D. TW	AG	1420	.5	5.0	24.0
E. CS	AG	2665	.6	.5	18.0
F. LR	AG	1815	.5	.8	24.0
G. YW	AG	1467	.6	.2	20.0
H. YW	AG	1467	.6	.2	20.0
I. YW	AG	1467	.6	.2	20.0
J. FT	AG	4568	.5	2.0	20.0
K. FT	AG	4568	.5	4.0	20.0
L. FT	AG	4568	.5	7.0	20.0
M. FT	AG	4568	.5	5.0	20.0
N. FT	AG	4568	.5	2.0	20.0
O. FT	AG	4568	.5	1.0	20.0
P. ST	AG	4246	.4	2.0	20.0
Q. ST	AG	4246	.4	5.0	20.0
R. ST	AG	4246	.4	9.0	20.0
S. C1	AG	2059	.6	3.0	26.0
T. C2	AG	3217	.6	1.0	26.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: PM, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: PM (WORST CASE ANGLE)
 POLLUTANT: PM PARTICULATES
 (NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. 36-4	838166	827852	4.3
2. 39-1	838287	827897	4.3
3. 46-1	837965	827947	54.1
4. 53-5	837817	827664	6.3
5. 53-7	837941	827780	2.1
6. 53-5	837620	827439	.5
7. 53-7	837719	827548	1.4
8. 57-1	837122	826759	39.2
9. 59	837256	826636	2.5
10. 60	837003	826611	6.1
11. 51-1	838451	828106	2.7
12. 45-2	838437	827842	1.9
13. 35-1	838073	827793	2.1
14. 19-1	837697	827390	2.5
15. 19-2	837685	827376	2.5
16. 47-1	838008	828042	51.1
17. 50	838125	828229	44.7
18. PR-1	838230	828063	2.5
19. PR-2	838020	827871	2.5
20. PR-3	837117	826709	2.5

JOB: PM, TAI PO ROAD YEAR-2021 (OTHER ROADS)
RUN: PM (WORST CASE ANGLE)
POLLUTANT: PM PARTICULATES
(NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. 36-4	45.	16.3	.0	.0	.0	.0	.0	.0	.0	.0
2. 39-1	36.	29.2	.0	.0	.0	.0	.0	.0	.0	.0
3. 46-1	101.	5.1	.0	.0	.0	.0	.0	.0	.0	.0
4. 53-5	59.	7.7	.0	.0	.0	.0	.0	.0	.0	.0
5. 53-7	58.	9.5	.0	.0	.0	.0	.0	.0	.0	.0
6. 53-5	151.	10.8	.0	.0	.0	.0	.0	.0	1.0	.3
7. 53-7	164.	8.0	.0	.0	.0	.0	.0	.0	1.0	.9
8. 57-1	219.	12.1	10.0	.7	.0	1.4	.0	.0	.0	.0
9. 59	256.	46.0	18.0	18.4	.7	9.0	.0	.0	.0	.0
10. 60	222.	58.5	50.5	.0	.0	8.0	.0	.0	.0	.0
11. 51-1	36.	30.7	.0	.0	.0	.0	.0	.0	.0	.0
12. 45-2	185.	60.8	.0	.0	.0	.0	.0	.0	.0	.0
13. 35-1	50.	12.4	.0	.0	.0	.0	.0	.0	.0	.0
14. 19-1	156.	12.1	.0	.0	.0	.0	.0	.0	1.6	.5
15. 19-2	154.	12.8	.0	.0	.0	.0	.0	.0	1.5	.4
16. 47-1	115.	6.1	.0	.0	.0	.0	.0	.0	.0	.0
17. 50	139.	10.2	.0	.0	.0	.0	.0	.0	.0	.0
18. PR-1	126.	28.2	.0	.0	.0	.0	.0	.0	.0	.0
19. PR-2	61.	11.3	.0	.0	.0	.0	.0	.0	.0	.0
20. PR-3	145.	49.0	.0	5.6	33.5	3.8	.0	6.1	.0	.0

1

JOB: PM, TAI PO ROAD YEAR-2021 (OTHER ROADS)
RUN: PM (WORST CASE ANGLE)
POLLUTANT: PM PARTICULATES
(NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)												
	I	J	K	L	M	N	O	P	Q	R	S	T	
1. 36-4	.0	.0	3.8	6.4	.4	.0	.0	3.0	2.7	.0	.0	.0	
2. 39-1	.0	.0	1.2	18.1	2.0	.0	.0	4.2	3.6	.0	.0	.0	
3. 46-1	.1	.0	.0	2	2.4	.5	.2	.0	.3	1.5	.0	.0	
4. 53-5	.0	.1	1.2	1.7	1.6	.0	.0	.8	2.0	.4	.0	.0	
5. 53-7	.0	.0	2.3	2.7	.8	.0	.0	1.3	2.4	.0	.0	.0	
6. 53-5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.8	
7. 53-7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.8	
8. 57-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9. 59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10. 60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11. 51-1	.0	.0	.0	.0	.0	.0	.0	17.9	12.8	.0	.0	.0	
12. 45-2	8.4	.0	.0	.0	46.1	6.2	.0	.0	.0	.0	.0	.1	
13. 35-1	.0	.0	2.6	4.2	.9	.0	.0	2.0	2.8	.0	.0	.0	
14. 19-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	7.4	
15. 19-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.6	
16. 47-1	.1	.0	.0	.3	2.8	.9	.5	.0	.1	1.3	.0	.0	
17. 50	.2	.0	.7	2.2	3.4	1.1	.9	.0	.3	1.3	.0	.0	
18. PR-1	.0	.0	.1	13.7	7.8	.6	.4	.0	.8	4.8	.0	.0	
19. PR-2	.0	.0	3.3	3.2	.3	.0	.0	1.7	2.8	.0	.0	.0	
20. PR-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: PM, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: PM (WORST CASE ANGLE)
 POLLUTANT: PM PARTICULATES
 (NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= 1.9 CM/S
 CLAS= 4 (D) VS= 1.9 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)				TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. SM	AG	6556	.6	10.0	24.0
B. SM	AG	6556	.6	10.0	24.0
C. SM	AG	6556	.6	6.2	24.0
D. TW	AG	1420	.5	5.0	24.0
E. CS	AG	2665	.6	.5	18.0
F. LR	AG	1815	.5	.8	24.0
G. YW	AG	1467	.6	.2	20.0
H. YW	AG	1467	.6	.2	20.0
I. YW	AG	1467	.6	.2	20.0
J. FT	AG	4568	.5	2.0	20.0
K. FT	AG	4568	.5	4.0	20.0
L. FT	AG	4568	.5	7.0	20.0
M. FT	AG	4568	.5	5.0	20.0
N. FT	AG	4568	.5	2.0	20.0
O. FT	AG	4568	.5	1.0	20.0
P. ST	AG	4246	.4	2.0	20.0
Q. ST	AG	4246	.4	5.0	20.0
R. ST	AG	4246	.4	9.0	20.0
S. C1	AG	2059	.6	3.0	26.0
T. C2	AG	3217	.6	1.0	26.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: PM, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: PM (WORST CASE ANGLE)
 POLLUTANT: PM PARTICULATES
 (NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. PR-4	837060	826644	2.5
2. 56-4	837260	827018	16.3
3. 58	836960	826608	10.5
4. 31	838003	827664	1.9
5. 21-1	837782	827402	2.5
6. 40	838375	827824	1.9
7. PR-5	836986	826598	2.5
8. 52-1	838635	828253	6.3
9. 52-2	838632	828307	6.3
10. 54-1	837527	827379	.5
11. 54-2	837541	827395	.5
12. 54-3	837573	827418	.5
13. 56-1	837289	827056	7.3
14. 56-2	837250	826952	7.3
15. 45-1	838402	827919	1.9

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. PR-4	222.	54.4	46.2	.5	.0	7.7	.0	.0	.0	.0
2. 56-4	200.	18.1	2.8	5.5	7.4	2.1	.0	.2	.0	.0
3. 58	215.	43.5	37.5	.0	.0	6.0	.0	.0	.0	.0
4. 31	80.	10.3	.0	.0	.0	.0	.0	.0	.0	.3
5. 21-1	165.	11.5	.0	.0	.0	.0	.0	.0	1.7	1.5
6. 40	358.	49.4	.0	.0	.0	.0	.0	.0	.0	.0
7. PR-5	225.	65.0	56.2	.0	.0	8.9	.0	.0	.0	.0

8.	52-1 *	213.	23.3 *	.3	.2	.2	.1	.3	.1	.1	2.0
9.	52-2 *	237.	26.6 *	.3	.1	.1	.1	.2	.0	.0	.0
10.	54-1 *	136.	12.2 *	.0	.0	.0	.0	.0	.0	.9	.3
11.	54-2 *	139.	11.8 *	.0	.0	.0	.0	.0	.0	.9	.3
12.	54-3 *	145.	11.5 *	.0	.0	.0	.0	.0	.0	.9	.3
13.	56-1 *	203.	17.5 *	3.6	5.1	6.4	2.2	.0	.2	.0	.0
14.	56-2 *	201.	24.3 *	2.6	7.1	11.7	2.6	.0	.2	.0	.0
15.	45-1 *	177.	56.1 *	.0	.0	.0	.0	.0	.0	.0	.1

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 3

JOB: PM, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: PM (WORST CASE ANGLE)
 POLLUTANT: PM PARTICULATES
 (NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. PR-4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. 56-4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. 58 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. 31 *	2.4	.0	.0	1.9	2.8	.9	.0	.1	1.8	.0	.0	.0
5. 21-1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.4	.0
6. 40 *	.0	2.5	7.8	9.4	29.5	.0	.0	.2	.1	.0	.0	.0
7. PR-5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. 52-1 *	.8	.0	.0	1.0	4.9	.4	.0	.0	11.1	.5	.3	.8
9. 52-2 *	.0	.0	5.9	1.2	.1	.0	.0	16.9	1.6	.0	.1	.0
10. 54-1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	5.9
11. 54-2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.8
12. 54-3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	5.7
13. 56-1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. 56-2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. 45-1 *	4.8	.0	.0	.0	48.1	2.9	.2	.0	.0	.0	.0	.0

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: PM, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: PM (WORST CASE ANGLE)
 POLLUTANT: PM PARTICULATES
 (NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= 1.9 CM/S
 CLAS= 4 (D) VS= 1.9 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 18. DEGREES TEMP= 25.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)				TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. SM	AG	6556	.6	10.0	24.0
B. SM	AG	6556	.6	10.0	24.0
C. SM	AG	6556	.6	6.2	24.0
D. TW	AG	1420	.5	5.0	24.0
E. CS	AG	2665	.6	.5	18.0
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I. YW	AG	1467	.6	.2	20.0
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M. FT	AG	4568	.5	5.0	20.0
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R. ST	AG	4246	.4	9.0	20.0
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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: PM, TAI PO ROAD YEAR-2021 (OTHER ROADS)
 RUN: PM (WORST CASE ANGLE)
 POLLUTANT: PM PARTICULATES
 (NOTE: OUTPUT IN MICRO-GRAMS/METER**3. IGNORE PPM LABEL)

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. S1	837024	826492	1.0
2. S2	837131	826523	1.9
3. S3	837172	826510	1.9
4. S4	837220	826444	1.9
5. N1	838068	828204	51.0
6. N2	838201	828080	16.2
7. 32	837958	827694	5.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM)																					
			A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T		
1. S1	31.	59.6	3.0	28.2	11.7	13.2	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. S2	281.	48.0	33.1	.5	.0	14.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. S3	287.	37.8	24.5	3.1	.0	10.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. S4	295.	24.0	16.9	1.5	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. N1	133.	7.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. N2	129.	20.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. 32	53.	9.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	CONC/LINK (PPM)															
	I	J	K	L	M	N	O	P	Q	R	S	T				
1. S1	.0	.2	.3	.1	.2	.1	.0	.1	.2	.1	.2	.0				

2. S2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. S3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. S4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. N1 *	.2	.0	.2	1.4	3.0	1.0	.8	.0	.2	1.2	.0	.0
6. N2 *	.1	.0	.1	6.7	8.1	1.1	.8	.0	.4	3.3	.0	.0
7. 32 *	.0	.0	1.4	2.5	1.7	.0	.0	1.1	2.5	.1	.0	.0

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