

Local Area Carbon Monoxide Modeling

L.A. Entertainment District - Weekday PM

Caline Results - Ambient CO Concentrations (ppm)

Monitoring Station:	Year:	Projected Baseline CO Concentrations*		Max Concentration in ppm			
		1-Hour	8-Hour	1-Hour	8-Hour	Ratio	
		LA - Main St.	2008	5.65	5.17	1998	8
				1997	9	7.9	0.88
				1996	10	8.4	0.84
				1995	10	8.4	0.84
				Average Persistence Factor		0.83	

*Source: ambient pollutant forecast 2.xls

	No Project	Project	1-Hour Difference	8-Hour Difference	Baseline Concentrations Difference + Ambient		Significance of Baseline Concentrations	
					1-Hour	8-Hour	1-Hour	8-Hour
Intersection Francisco & Olympic								
Receptor								
NE	0.9	2.8	1.9	1.58	7.55	6.75	NO	NO
SE	0.7	2.1	1.4	1.16	7.05	6.33	NO	NO
SW	0.7	2.1	1.4	1.16	7.05	6.33	NO	NO
NW	1.0	2.6	1.6	1.33	7.25	6.50	NO	NO
Intersection Figueroa & 9th								
Receptor								
NE	2.0	4.5	2.5	2.08	8.15	7.25	NO	NO
SE	2.9	6.8	3.9	3.24	9.55	8.41	NO	NO
SW	2.1	5.0	2.9	2.41	8.55	7.58	NO	NO
NW	2.4	5.3	2.9	2.41	8.55	7.58	NO	NO
Intersection Figueroa & 11th								
Receptor								
NE	1.8	2.7	0.9	0.75	6.55	5.92	NO	NO
SE	1.2	1.9	0.7	0.58	6.35	5.75	NO	NO
SW	1.1	1.7	0.6	0.50	6.25	5.67	NO	NO
NW	1.3	2.1	0.8	0.66	6.45	5.83	NO	NO
Intersection Figueroa & Olympic								
Receptor								
NE	1.8	3.3	1.5	1.25	7.15	6.42	NO	NO
SE	1.7	2.9	1.2	1.00	6.85	6.17	NO	NO
SW	1.3	2.5	1.2	1.00	6.85	6.17	NO	NO
NW	1.7	3.0	1.3	1.08	6.95	6.25	NO	NO
Intersection Flower & 9th								
Receptor								
NE	1.5	2.3	0.8	0.66	6.45	5.83	NO	NO
SE	1.1	1.6	0.5	0.42	6.15	5.59	NO	NO
SW	1.4	2.1	0.7	0.58	6.35	5.75	NO	NO
NW	1.1	1.8	0.7	0.58	6.35	5.75	NO	NO
Intersection Flower & Olympic								
Receptor								
NE	1.6	3.0	1.4	1.16	7.05	6.33	NO	NO
SE	1.7	3.2	1.5	1.25	7.15	6.42	NO	NO
SW	1.8	3.6	1.8	1.49	7.45	6.66	NO	NO
NW	1.8	3.0	1.2	1.00	6.85	6.17	NO	NO

L.A. Entertainment District - Saturday PM

Caline Results - Ambient CO Concentrations (ppm)

Monitoring Station:	Year:	Projected Baseline CO Concentrations*		Max Concentration in ppm			
		1-Hour	8-Hour	1-Hour	8-Hour	Ratio	
		LA - Main St.	2008	5.65	5.17	8	6.1
				1998	9	7.9	0.88
				1996	10	8.4	0.84
				1995	10	8.4	0.84

*Source: ambient pollutant forecast 2.xls

Average Persistence Factor 0.83

Intersection Receptor	No Project	Project	1-Hour Difference	8-Hour Difference	Baseline Concentrations Difference + Ambient		Significance of Baseline Concentrations	
					1-Hour	8-Hour	1-Hour	8-Hour
Francisco & Olympic								
NE	1.8	3.7	1.9	1.58	7.55	6.75	NO	NO
SE	1.6	3.1	1.5	1.25	7.15	6.42	NO	NO
SW	1.9	3.6	1.7	1.41	7.35	6.58	NO	NO
NW	1.6	4.3	2.7	2.24	8.35	7.41	NO	NO
Figueroa & 9th								
NE	1.2	2.3	1.1	0.91	6.75	6.08	NO	NO
SE	1.7	3.2	1.5	1.25	7.15	6.42	NO	NO
SW	1.4	2.5	1.1	0.91	6.75	6.08	NO	NO
NW	1.2	2.3	1.1	0.91	6.75	6.08	NO	NO
Figueroa & 11th								
NE	1.0	2.2	1.2	1.00	6.85	6.17	NO	NO
SE	0.8	1.6	0.8	0.66	6.45	5.83	NO	NO
SW	0.7	1.5	0.8	0.66	6.45	5.83	NO	NO
NW	0.8	1.8	1	0.83	6.65	6.00	NO	NO
Figueroa & Olympic								
NE	1.0	2.0	1	0.83	6.65	6.00	NO	NO
SE	0.8	1.6	0.8	0.66	6.45	5.83	NO	NO
SW	0.7	1.4	0.7	0.58	6.35	5.75	NO	NO
NW	0.9	1.8	0.9	0.75	6.55	5.92	NO	NO
Flower & 9th								
NE	0.7	1.5	0.8	0.66	6.45	5.83	NO	NO
SE	0.6	1.2	0.6	0.50	6.25	5.67	NO	NO
SW	0.7	1.4	0.7	0.58	6.35	5.75	NO	NO
NW	0.7	1.3	0.6	0.50	6.25	5.67	NO	NO
Flower & Olympic								
NE	0.9	1.8	0.9	0.75	6.55	5.92	NO	NO
SE	1.0	1.8	0.8	0.66	6.45	5.83	NO	NO
SW	1.0	2.0	1	0.83	6.65	6.00	NO	NO
NW	1.0	1.9	0.9	0.75	6.55	5.92	NO	NO
Cherry & Pico								
NE	2.1	3.7	1.6	1.33	7.25	6.50	NO	NO
SE	1.6	2.7	1.1	0.91	6.75	6.08	NO	NO
SW	1.2	2.0	0.8	0.66	6.45	5.83	NO	NO
NW	1.8	3.1	1.3	1.08	6.95	6.25	NO	NO
Georgia & 11th								
NE	1.2	3.6	2.4	1.99	8.05	7.16	NO	NO
SE	1.5	4.2	2.7	2.24	8.35	7.41	NO	NO
SW	1.2	3.1	1.9	1.58	7.55	6.75	NO	NO
NW	1.0	2.6	1.6	1.33	7.25	6.50	NO	NO

JOB: Francisco/Olympic NP
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	48	526	48	226	* AG	4	2.0	.0	10.5
B. NA	48	226	48	76	* AG	3	13.2	.0	9.9
C. ND	48	76	48	-74	* AG	28	13.2	.0	9.9
D. NE	48	-74	48	-374	* AG	28	2.0	.0	10.5
E. SF	44	-406	44	-106	* AG	25	2.0	.0	10.5
F. SA	44	-106	44	44	* AG	20	13.2	.0	9.9
G. SD	44	44	44	194	* AG	28	13.2	.0	9.9
H. SE	44	194	44	494	* AG	28	2.0	.0	10.5
I. WF	500	51	200	51	* AG	2037	2.0	.0	19.5
J. WA	200	51	50	51	* AG	2025	4.7	.0	13.5
K. WD	50	51	-100	51	* AG	1555	2.3	.0	13.5
L. WE	-100	51	-400	51	* AG	1555	2.0	.0	19.5
M. EF	-409	69	-109	69	* AG	1562	2.0	.0	19.5
N. EA	-109	69	41	69	* AG	1545	3.8	.0	13.5
O. ED	41	69	191	69	* AG	1542	2.3	.0	13.5
P. EE	191	69	491	69	* AG	1542	2.0	.0	19.5
Q. NL	48	76	48	226	* AG	1	13.2	.0	9.9
R. SL	44	44	44	-106	* AG	5	13.2	.0	9.9
S. WL	50	60	200	60	* AG	12	3.4	.0	9.9
T. EL	41	60	-109	60	* AG	17	3.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z
1. NE	57	37	1.8
2. SE	57	82	1.8
3. SW	35	82	1.8
4. NW	35	37	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE	81.	.9	.0	.0	.0	.0	.0	.0	.0	.0
2. SE	262.	.7	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	105.	.7	.0	.0	.0	.0	.0	.0	.0	.0
4. NW	81.	1.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE	.0	.7	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
2. SE	.0	.0	.0	.1	.0	.5	.0	.0	.0	.0	.0	.0
3. SW	.0	.4	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
4. NW	.0	.7	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0

JOB: Francisco/Olympic WF
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MLXH= 1000. M AMB= .0 PPM
 SIGH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	48	526	48	226	AG	440	2.7	.0	10.5
B. NA	48	226	48	76	AG	311	20.4	.0	9.9
C. ND	48	76	48	-74	AG	147	10.6	.0	9.9
D. NE	48	-74	48	-374	AG	147	2.7	.0	10.5
E. SF	44	-406	44	-106	AG	171	2.7	.0	10.5
F. SA	44	-106	44	44	AG	97	20.4	.0	9.9
G. SD	44	44	44	194	AG	350	20.4	.0	9.9
H. SE	44	194	44	494	AG	350	2.7	.0	10.5
I. WF	500	51	200	51	AG	2459	2.7	.0	19.5
J. WA	200	51	50	51	AG	2279	7.1	.0	13.5
K. WD	50	51	-100	51	AG	2304	3.4	.0	13.5
L. WE	-100	51	-400	51	AG	2304	2.7	.0	19.5
M. EF	-409	69	-109	69	AG	1779	2.7	.0	19.5
N. EA	-109	69	41	69	AG	1762	5.6	.0	13.5
O. ED	41	69	191	69	AG	2048	3.2	.0	13.5
P. EE	191	69	491	69	AG	2048	2.7	.0	19.5
Q. NL	48	76	48	226	AG	129	20.4	.0	9.9
R. SL	44	44	44	-106	AG	74	20.4	.0	9.9
S. WL	50	60	200	60	AG	180	4.7	.0	9.9
T. EL	41	60	-109	60	AG	17	4.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE	57	37	1.8
2. SE	57	82	1.8
3. SW	35	82	1.8
4. NW	35	37	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE	353.	2.8	.0	.8	.0	.0	.0	.0	.6	.0
2. SE	261.	2.1	.0	.4	.0	.0	.0	.0	.3	.0
3. SW	105.	2.1	.0	.3	.0	.0	.0	.0	.4	.0
4. NW	8.	2.6	.0	.7	.0	.0	.0	.0	1.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE	.0	.7	.0	.0	.0	.0	.2	.0	.4	.0	.0	.0
2. SE	.0	.0	.0	.2	.0	.8	.0	.0	.2	.0	.0	.0
3. SW	.0	.6	.0	.0	.0	.0	.5	.0	.1	.0	.0	.0
4. NW	.0	.0	.4	.0	.0	.3	.0	.0	.3	.0	.0	.0

JOB: Figueroa/9th NP
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	56	520	56	220	* AG	2594	2.0	.0	24.0
B. NA	56	220	56	70	* AG	2594	7.5	.0	18.0
C. ND	56	70	56	-80	* AG	2330	2.9	.0	18.0
D. NE	56	-80	56	-380	* AG	2330	2.0	.0	24.0
E. SF	0	-450	0	-150	* AG	0	2.0	.0	10.5
F. SA	0	-150	0	0	* AG	0	5.1	.0	9.9
G. SD	0	0	0	150	* AG	1991	8.4	.0	9.9
H. SE	0	150	0	450	* AG	1991	2.0	.0	10.5
I. WF	450	0	150	0	* AG	0	2.0	.0	10.5
J. WA	150	0	0	0	* AG	0	4.7	.0	9.9
K. WD	0	0	-150	0	* AG	0	2.4	.0	9.9
L. WE	-150	0	-450	0	* AG	0	2.0	.0	10.5
M. EF	-404	61	-104	61	* AG	2790	2.0	.0	24.0
N. EA	-104	61	47	61	* AG	2790	8.4	.0	18.0
O. ED	47	61	197	61	* AG	1063	2.5	.0	18.0
P. EE	197	61	497	61	* AG	1063	2.0	.0	24.0
Q. NL	0	0	0	150	* AG	0	5.1	.0	9.9
R. SL	0	0	0	-150	* AG	0	5.1	.0	9.9
S. WL	0	0	150	0	* AG	0	4.7	.0	9.9
T. EL	47	52	-104	52	* AG	0	4.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE	71	41	1.8
2. SE	71	77	1.8
3. SW	40	77	1.8
4. NW	40	41	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D	* E	* F	* G	* H
1. NE	283.	2.0	.0	.0	.3	.0	.0	.0	.3	.0
2. SE	260.	2.9	.0	.9	.0	.0	.0	.0	.3	.0
3. SW	258.	2.1	.0	.0	.0	.0	.0	.0	.4	.0
4. NW	9.	2.4	.0	1.4	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE	.0	.0	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0
2. SE	.0	.0	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0
4. NW	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0

JOB: Figueroa/9th WP
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	56	520	56	220	AG	2881	2.7	.0	24.0
B. NA	56	220	56	70	AG	2881	13.9	.0	18.0
C. ND	56	70	56	-80	AG	2601	4.4	.0	18.0
D. NE	56	-80	56	-380	AG	2601	2.7	.0	24.0
E. SF	0	-450	0	-150	AG	0	2.7	.0	10.5
F. SA	0	-150	0	0	AG	0	7.1	.0	9.9
G. SD	0	0	0	150	AG	2185	12.0	.0	9.9
H. SE	0	150	0	450	AG	2185	2.7	.0	10.5
I. WF	450	0	150	0	AG	0	2.7	.0	10.5
J. WA	150	0	0	0	AG	0	7.1	.0	9.9
K. WD	0	0	-150	0	AG	0	3.2	.0	9.9
L. WE	-150	0	-450	0	AG	0	2.7	.0	10.5
M. EF	-404	61	-104	61	AG	3023	2.7	.0	24.0
N. EA	-104	61	47	61	AG	3023	20.4	.0	18.0
O. ED	47	61	197	61	AG	1118	3.4	.0	18.0
P. EE	197	61	497	61	AG	1118	2.7	.0	24.0
Q. NL	0	0	0	150	AG	0	7.1	.0	9.9
R. SL	0	0	0	-150	AG	0	7.1	.0	9.9
S. WL	0	0	150	0	AG	0	7.1	.0	9.9
T. EL	47	52	-104	52	AG	0	7.1	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. NE	71	41	1.8
2. SE	71	77	1.8
3. SW	40	77	1.8
4. NW	40	41	1.8

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. NE	283	4.5	.0	.0	.5	.0	.0	.0	.4	.0
2. SE	260	6.8	.0	1.8	.0	.0	.0	.0	.4	.0
3. SW	258	5.0	.0	.0	.0	.0	.0	.0	.6	.0
4. NW	9	5.3	.0	2.9	.0	.0	.0	.0	.0	.0

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE	.0	.0	.0	.0	.0	3.6	.0	.0	.0	.0	.0	.0
2. SE	.0	.0	.0	.0	.0	4.5	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0
4. NW	.0	.0	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0

JOB: Figueroa/Olympic NP
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	51	530	51	230	* AG	2720	2.0	.0	24.0
B. NA	51	230	51	80	* AG	2290	7.5	.0	22.5
C. ND	51	80	51	-70	* AG	2521	3.2	.0	18.0
D. NE	51	-70	51	-370	* AG	2521	2.0	.0	24.0
E. SF	0	-450	0	-150	* AG	0	2.0	.0	10.5
F. SA	0	-150	0	0	* AG	0	5.6	.0	9.9
G. SD	0	0	0	150	* AG	363	2.7	.0	9.9
H. SE	0	150	0	450	* AG	363	2.0	.0	10.5
I. WF	512	50	212	50	* AG	1814	2.0	.0	19.5
J. WA	212	50	62	50	* AG	1624	5.1	.0	13.5
K. WD	62	50	-88	50	* AG	1887	2.6	.0	13.5
L. WE	-88	50	-388	50	* AG	1887	2.0	.0	19.5
M. EF	-415	71	-115	71	* AG	1615	2.0	.0	19.5
N. EA	-115	71	35	71	* AG	1407	5.1	.0	18.0
O. ED	35	71	185	71	* AG	1378	2.5	.0	13.5
P. EE	185	71	485	71	* AG	1378	2.0	.0	19.5
Q. NL	37	80	37	230	* AG	430	6.1	.0	9.9
R. SL	0	0	0	-150	* AG	0	5.6	.0	9.9
S. WL	62	59	212	59	* AG	190	4.4	.0	9.9
T. EL	35	59	-115	59	* AG	208	4.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z
1. NE	69	37	1.8
2. SE	69	87	1.8
3. SW	28	87	1.8
4. NW	28	37	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE	350.	1.8	.0	1.1	.0	.0	.0	.0	.0	.0
2. SE	261.	1.7	.0	.8	.0	.0	.0	.0	.0	.0
3. SW	102.	1.3	.0	.5	.0	.0	.0	.0	.0	.0
4. NW	9.	1.7	.0	.9	.0	.0	.0	.0	.0	.0

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE	.0	.0	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0
3. SW	.0	.2	.0	.0	.0	.0	.3	.0	.2	.0	.0	.0
4. NW	.0	.0	.2	.0	.0	.2	.0	.0	.2	.0	.0	.0

JOB: Figueroa/Olympic WP
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	* 51	530	51	230	* AG	2945	2.7	.0	24.0
B. NA	* 51	230	51	80	* AG	2441	12.0	.0	22.5
C. ND	* 51	80	51	-70	* AG	2798	7.7	.0	18.0
D. NE	* 51	-70	51	-370	* AG	2798	2.7	.0	24.0
E. SF	* 0	-450	0	-150	* AG	0	2.7	.0	10.5
F. SA	* 0	-150	0	0	* AG	0	8.5	.0	9.9
G. SD	* 0	0	0	150	* AG	367	3.7	.0	9.9
H. SE	* 0	150	0	450	* AG	367	2.7	.0	10.5
I. WF	* 512	50	212	50	* AG	2175	2.7	.0	19.5
J. WA	* 212	50	62	50	* AG	1985	8.5	.0	13.5
K. WD	* 62	50	-88	50	* AG	2309	4.0	.0	13.5
L. WE	* -88	50	-388	50	* AG	2309	2.7	.0	19.5
M. EF	* -415	71	-115	71	* AG	2121	2.7	.0	19.5
N. EA	* -115	71	35	71	* AG	1801	7.1	.0	18.0
O. ED	* 35	71	185	71	* AG	1767	3.4	.0	13.5
P. EE	* 185	71	485	71	* AG	1767	2.7	.0	19.5
Q. NL	* 37	230	37	80	* AG	504	12.0	.0	9.9
R. SL	* 0	-150	0	0	* AG	0	8.5	.0	9.9
S. WL	* 212	59	62	59	* AG	190	6.1	.0	9.9
T. EL	* -115	59	35	59	* AG	320	6.1	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z
1. NE	* 69	37	1.8
2. SE	* 69	87	1.8
3. SW	* 28	87	1.8
4. NW	* 28	37	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE	* 349.	* 3.3	* .0	1.8	.1	.0	.0	.0	.0	.0
2. SE	* 261.	* 2.9	* .0	1.3	.0	.0	.0	.0	.0	.0
3. SW	* 104.	* 2.5	* .0	.8	.2	.0	.0	.0	.0	.0
4. NW	* 9.	* 3.0	* .1	1.5	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	J	K	L	M	N	O	P	Q	R	S	T
1. NE	* .0	.8	.0	.0	.0	.0	.2	.0	.3	.0	.0	.0
2. SE	* .0	.0	.0	.3	.0	1.0	.0	.0	.2	.0	.0	.0
3. SW	* .0	.6	.0	.0	.0	.0	.4	.0	.4	.0	.0	.0
4. NW	* .0	.0	.4	.0	.0	.3	.0	.0	.5	.0	.0	.0

JOB: Flower/9th NP
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK	* LINK	COORDINATES (M)				* TYPE	VPH	EF (G/MI)	H (M)	W (M)
DESCRIPTION	* X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)	
A. NF	*	0	450	0	150 * AG	0	2.0	.0	10.5	
B. NA	*	0	150	0	0 * AG	0	4.4	.0	9.9	
C. ND	*	0	0	0	-150 * AG	0	2.4	.0	9.9	
D. NE	*	0	-150	0	-450 * AG	0	2.0	.0	10.5	
E. SF	*	42	-404	42	-104 * AG	2605	2.0	.0	28.5	
F. SA	*	42	-104	42	47 * AG	2380	5.1	.0	22.5	
G. SD	*	42	47	42	197 * AG	2863	2.6	.0	22.5	
H. SE	*	42	197	42	497 * AG	2863	2.0	.0	28.5	
I. WF	*	450	0	150	0 * AG	0	2.0	.0	10.5	
J. WA	*	150	0	0	0 * AG	0	5.6	.0	9.9	
K. WD	*	0	0	-150	0 * AG	0	2.5	.0	9.9	
L. WE	*	-150	0	-450	0 * AG	0	2.0	.0	10.5	
M. EF	*	-419	56	-119	56 * AG	2020	2.0	.0	24.0	
N. EA	*	-119	56	31	56 * AG	2020	6.1	.0	22.5	
O. ED	*	31	56	181	56 * AG	1762	2.7	.0	18.0	
P. EB	*	181	56	481	56 * AG	1762	2.0	.0	24.0	
Q. NL	*	0	0	0	150 * AG	0	4.4	.0	9.9	
R. SL	*	56	47	56	-104 * AG	225	4.4	.0	9.9	
S. WL	*	0	0	150	0 * AG	0	5.6	.0	9.9	
T. EL	*	0	0	-150	0 * AG	0	5.6	.0	9.9	

III. RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z
1. NE	* 65	40	1.8
2. SE	* 65	77	1.8
3. SW	* 24	77	1.8
4. NW	* 24	40	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE	* 277.	* 1.5 *	.0	.0	.0	.0	.0	.4	.0	.0
2. SE	* 259.	* 1.1 *	.0	.0	.0	.0	.0	.0	.3	.0
3. SW	* 170.	* 1.4 *	.0	.0	.0	.0	.0	.8	.0	.0
4. NW	* 9.	* 1.1 *	.0	.0	.0	.0	.0	.0	.5	.1

RECEPTOR	* I	J	K	L	M	N	O	P	Q	R	S	T
1. NE	* .0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0
2. SE	* .0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0
3. SW	* .0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0
4. NW	* .0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0

JOB: Flower/9th WP
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* LINK COORDINATES (M) *				* TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2	Y2					
A. NF	0	450	0	150	AG	0	2.7	.0	10.5
B. NA	0	150	0	0	AG	0	6.1	.0	9.9
C. ND	0	0	0	-150	AG	0	3.2	.0	9.9
D. NE	0	-150	0	-450	AG	0	2.7	.0	10.5
E. SF	42	-404	42	-104	AG	2859	2.7	.0	28.5
F. SA	42	-104	42	47	AG	2630	7.1	.0	22.5
G. SD	42	47	42	197	AG	3281	3.8	.0	22.5
H. SE	42	197	42	497	AG	3281	2.7	.0	28.5
I. WF	450	0	150	0	AG	0	2.7	.0	10.5
J. WA	150	0	0	0	AG	0	7.7	.0	9.9
K. WD	0	0	-150	0	AG	0	3.4	.0	9.9
L. WE	-150	0	-450	0	AG	0	2.7	.0	10.5
M. EF	-419	56	-119	56	AG	2230	2.7	.0	24.0
N. EA	-119	56	31	56	AG	2230	8.5	.0	22.5
O. ED	31	56	181	56	AG	1808	3.8	.0	18.0
P. EE	181	56	481	56	AG	1808	2.7	.0	24.0
Q. NL	0	0	0	150	AG	0	6.1	.0	9.9
R. SL	56	47	56	-104	AG	229	6.1	.0	9.9
S. WL	0	0	150	0	AG	0	7.7	.0	9.9
T. EL	0	0	-150	0	AG	0	7.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* COORDINATES (M) *		
	X	Y	Z
1. NE	65	40	1.8
2. SE	65	77	1.8
3. SW	24	77	1.8
4. NW	24	40	1.8

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. NE	277.	2.3	.0	.0	.0	.0	.0	.7	.0	.0
2. SE	259.	1.6	.0	.0	.0	.0	.0	.0	.5	.0
3. SW	170.	2.1	.0	.0	.0	.0	.0	1.3	.0	.0
4. NW	9.	1.8	.0	.0	.0	.0	.0	.0	.7	.2

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE	.0	.0	.0	.0	.1	1.4	.0	.0	.0	.0	.0	.0
2. SE	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0
4. NW	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0

JOB: Flower/Olympic NP
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	0	450	0	150	* AG	0	2.0	.0	10.5
B. NA	0	150	0	0	* AG	0	5.6	.0	9.9
C. ND	0	0	0	-150	* AG	0	2.5	.0	9.9
D. NE	0	-150	0	-450	* AG	0	2.0	.0	10.5
E. SF	38	-403	38	-103	* AG	2736	2.0	.0	24.0
F. SA	38	-103	38	47	* AG	2586	6.8	.0	22.5
G. SD	38	47	38	197	* AG	2671	3.8	.0	18.0
H. SE	38	197	38	497	* AG	2671	2.0	.0	24.0
I. WF	499	53	199	53	* AG	1706	2.0	.0	19.5
J. WA	199	53	49	53	* AG	1505	5.6	.0	13.5
K. WD	49	53	-101	53	* AG	1972	2.8	.0	13.5
L. WE	-101	53	-401	53	* AG	1972	2.0	.0	19.5
M. EF	-423	73	-123	73	* AG	1512	2.0	.0	19.5
N. EA	-123	73	27	73	* AG	1512	5.6	.0	13.5
O. ED	27	73	177	73	* AG	1311	2.5	.0	13.5
P. EE	177	73	477	73	* AG	1311	2.0	.0	19.5
Q. NL	0	0	0	150	* AG	0	5.6	.0	9.9
R. SL	47	47	47	-103	* AG	150	5.6	.0	9.9
S. WL	49	63	199	63	* AG	201	4.7	.0	9.9
T. EL	0	0	-150	0	* AG	0	4.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z
1. NE	56	40	1.8
2. SE	56	87	1.8
3. SW	20	87	1.8
4. NW	20	40	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DBG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE	282.	1.6	.0	.0	.0	.0	.0	.7	.0	.0
2. SE	188.	1.7	.0	.0	.0	.0	.0	1.1	.0	.0
3. SW	171.	1.8	.0	.0	.0	.0	.0	1.2	.0	.0
4. NW	81.	1.8	.0	.0	.0	.0	.0	.8	.0	.0

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE	.0	.0	.4	.0	.0	.3	.0	.0	.0	.0	.0	.0
2. SE	.0	.2	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0
3. SW	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0	.0	.0
4. NW	.0	.7	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0

JOB: Flower/Olympic WP
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	0	450	0	150	* AG	0	2.7	.0	10.5
B. NA	0	150	0	0	* AG	0	7.7	.0	9.9
C. ND	0	0	0	-150	* AG	0	3.4	.0	9.9
D. NE	0	-150	0	-450	* AG	0	2.7	.0	10.5
E. SF	38	-403	38	-103	* AG	3147	2.7	.0	24.0
F. SA	38	-103	38	47	* AG	2994	12.0	.0	22.5
G. SD	38	47	38	197	* AG	2951	5.3	.0	18.0
H. SE	38	197	38	497	* AG	2951	2.7	.0	24.0
I. WF	499	53	199	53	* AG	1846	2.7	.0	19.5
J. WA	199	53	49	53	* AG	1645	7.7	.0	13.5
K. WD	49	53	-101	53	* AG	2334	4.7	.0	13.5
L. WE	-101	53	-401	53	* AG	2334	2.7	.0	19.5
M. EF	-423	73	-123	73	* AG	1902	2.7	.0	19.5
N. EA	-123	73	27	73	* AG	1902	8.5	.0	13.5
O. ED	27	73	177	73	* AG	1610	3.4	.0	13.5
P. EE	177	73	477	73	* AG	1610	2.7	.0	19.5
Q. NL	0	0	0	150	* AG	0	7.7	.0	9.9
R. SL	47	47	47	-103	* AG	153	7.7	.0	9.9
S. WL	49	63	199	63	* AG	201	6.5	.0	9.9
T. EL	0	0	-150	0	* AG	0	6.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z
1. NE	56	40	1.8
2. SE	56	87	1.8
3. SW	20	87	1.8
4. NW	20	40	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE	282	3.0	.0	.0	.0	.0	.0	1.5	.0	.0
2. SE	189	3.2	.0	.0	.0	.0	.0	2.3	.0	.0
3. SW	171	3.6	.0	.0	.0	.0	.0	2.3	.0	.0
4. NW	81	3.0	.0	.0	.0	.0	.0	1.6	.0	.0

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE	.0	.0	.9	.0	.0	.5	.0	.0	.0	.0	.0	.0
2. SE	.0	.3	.0	.0	.0	.0	.3	.0	.0	.1	.0	.0
3. SW	.0	.0	.3	.0	.0	.8	.0	.0	.0	.0	.0	.0
4. NW	.0	1.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0

JOB: Francisco/Olympic NP Saturday
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VEH	EF (G/MI)	H (M)	W (M)
A. NF	48	526	48	226	AG	98	2.0	.0	10.5
B. NA	48	226	48	76	AG	85	13.2	.0	9.9
C. ND	48	76	48	-74	AG	702	13.2	.0	9.9
D. NE	48	-74	48	-374	AG	702	2.0	.0	10.5
E. SF	44	-406	44	-106	AG	93	2.0	.0	10.5
F. SA	44	-106	44	44	AG	65	13.2	.0	9.9
G. SD	44	44	44	194	AG	708	13.2	.0	9.9
H. SE	44	194	44	494	AG	708	2.0	.0	10.5
I. WF	500	51	200	51	AG	1443	2.0	.0	19.5
J. WA	200	51	50	51	AG	1253	3.6	.0	13.5
K. WD	50	51	-100	51	AG	966	2.2	.0	13.5
L. WE	-100	51	-400	51	AG	966	2.0	.0	19.5
M. EF	-409	69	-109	69	AG	1596	2.0	.0	19.5
N. EA	-109	69	41	69	AG	1569	3.8	.0	13.5
O. ED	41	69	191	69	AG	1007	2.2	.0	13.5
P. EE	191	69	491	69	AG	1007	2.0	.0	19.5
Q. NL	48	76	48	226	AG	13	13.2	.0	9.9
R. SL	44	44	44	-106	AG	28	13.2	.0	9.9
S. WL	50	60	200	60	AG	190	3.4	.0	9.9
T. EL	41	60	-109	60	AG	27	3.4	.0	9.9

JOB: Francisco/Olympic NP
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE	57	37	1.8
2. SE	57	82	1.8
3. SW	35	82	1.8
4. NW	35	37	1.8

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. NE	342	1.8	.0	.0	.8	.0	.0	.0	.7	.0
2. SE	188	1.6	.0	.0	1.1	.0	.0	.1	.0	.0
3. SW	161	1.9	.0	.0	.7	.0	.0	.0	.8	.0
4. NW	8	1.6	.0	.2	.0	.0	.0	.0	1.1	.0

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
4. NW	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0

JOB: Francisco/Olympic WP Saturday
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	48	526	48	226	AG	445	3.0	.0	10.5
B. NA	48	226	48	76	AG	330	23.4	.0	9.9
C. ND	48	76	48	-74	AG	226	6.7	.0	9.9
D. NE	48	-74	48	-374	AG	226	3.0	.0	10.5
E. SF	44	-406	44	-106	AG	270	3.0	.0	10.5
F. SA	44	-106	44	44	AG	189	18.7	.0	9.9
G. SD	44	44	44	194	AG	984	23.4	.0	9.9
H. SE	44	194	44	494	AG	984	3.0	.0	10.5
I. WF	500	51	200	51	AG	1881	3.0	.0	19.5
J. WA	200	51	50	51	AG	1623	5.9	.0	13.5
K. WD	50	51	-100	51	AG	1606	3.5	.0	13.5
L. WE	-100	51	-400	51	AG	1606	3.0	.0	19.5
M. EF	-409	69	-109	69	AG	1624	3.0	.0	19.5
N. EA	-109	69	41	69	AG	1597	5.9	.0	13.5
O. ED	41	69	191	69	AG	1404	3.5	.0	13.5
P. EE	191	69	491	69	AG	1404	3.0	.0	19.5
Q. NL	48	76	48	226	AG	115	18.7	.0	9.9
R. SL	44	44	44	-106	AG	81	18.7	.0	9.9
S. WL	50	60	200	60	AG	258	5.5	.0	9.9
T. EL	41	60	-109	60	AG	27	5.2	.0	9.9

JOB: Francisco/Olympic WP
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE	57	37	1.8
2. SE	57	82	1.8
3. SW	35	82	1.8
4. NW	35	37	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRRD (PPM)	* CONC (PPM)	CONC/LINK (PPM)							
				A	B	C	D	E	F	G	H
1. NE	352	3.7	.0	.9	.0	.0	.0	.0	.0	1.8	.0
2. SE	349	3.1	.0	1.0	.0	.0	.0	.0	.0	1.8	.0
3. SW	10.	3.6	.0	.8	.0	.0	.0	.0	.0	2.5	.0
4. NW	8.	4.3	.0	.8	.0	.0	.0	.0	.0	2.7	.0

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE	.0	.5	.0	.0	.0	.0	.1	.0	.3	.0	.0	.0
2. SE	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
4. NW	.0	.0	.3	.0	.0	.2	.0	.0	.3	.0	.0	.0

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

JOB: Figueroa/9th NP Saturday
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	56	520	56	220	* AG	1269	2.0	.0	24.0
B. NA	56	220	56	70	* AG	1269	6.8	.0	18.0
C. ND	56	70	56	-80	* AG	1156	2.7	.0	18.0
D. NE	56	-80	56	-380	* AG	1156	2.0	.0	24.0
E. SF	0	-450	0	-150	* AG	0	2.0	.0	10.5
F. SA	0	-150	0	0	* AG	0	6.8	.0	9.9
G. SD	0	0	0	150	* AG	1697	13.2	.0	9.9
H. SE	0	150	0	450	* AG	1697	2.0	.0	10.5
I. WF	450	0	150	0	* AG	0	2.0	.0	10.5
J. WA	150	0	0	0	* AG	0	3.8	.0	9.9
K. WD	0	0	-150	0	* AG	0	2.3	.0	9.9
L. WE	-150	0	-450	0	* AG	0	2.0	.0	10.5
M. EF	-404	61	-104	61	* AG	2282	2.0	.0	24.0
N. EA	-104	61	47	61	* AG	2282	4.7	.0	18.0
O. ED	47	61	197	61	* AG	698	2.3	.0	18.0
P. EE	197	61	497	61	* AG	698	2.0	.0	24.0
Q. NL	0	0	0	150	* AG	0	6.8	.0	9.9
R. SL	0	0	0	-150	* AG	0	6.8	.0	9.9
S. WL	0	0	150	0	* AG	0	3.8	.0	9.9
T. EL	47	52	-104	52	* AG	0	3.8	.0	9.9

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

JOB: Figueroa/9th NP
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z
1. NE	71	41	1.8
2. SE	71	77	1.8
3. SW	40	77	1.8
4. NW	40	41	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE	281.	1.2	.0	.0	.1	.0	.0	.0	.4	.0
2. SE	260.	1.7	.0	.4	.0	.0	.0	.0	.4	.0
3. SW	259.	1.4	.0	.0	.0	.0	.0	.0	.5	.0
4. NW	283.	1.2	.0	.0	.0	.0	.0	.0	.5	.0

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0
2. SE	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0
4. NW	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0

JOB: Figueroa/9th WP Saturday
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	56	520	56	220	AG	1529	3.0	.0	24.0
B. NA	56	220	56	70	AG	1529	11.9	.0	18.0
C. ND	56	70	56	-80	AG	1404	4.3	.0	18.0
D. NE	56	-80	56	-380	AG	1404	3.0	.0	24.0
E. SF	0	-450	0	-150	AG	0	3.0	.0	10.5
F. SA	0	-150	0	0	AG	0	9.5	.0	9.9
G. SD	0	0	0	150	AG	1885	23.4	.0	9.9
H. SE	0	150	0	450	AG	1885	3.0	.0	10.5
I. WF	450	0	150	0	AG	0	3.0	.0	10.5
J. WA	150	0	0	0	AG	0	6.3	.0	9.9
K. WD	0	0	-150	0	AG	0	3.5	.0	9.9
L. WE	-150	0	-450	0	AG	0	3.0	.0	10.5
M. EF	-404	61	-104	61	AG	2470	3.0	.0	24.0
N. EA	-104	61	47	61	AG	2470	7.9	.0	18.0
O. ED	47	61	197	61	AG	710	3.5	.0	18.0
P. EE	197	61	497	61	AG	710	3.0	.0	24.0
Q. NL	0	0	0	150	AG	0	9.5	.0	9.9
R. SL	0	0	0	-150	AG	0	9.5	.0	9.9
S. WL	0	0	150	0	AG	0	6.3	.0	9.9
T. EL	47	52	-104	52	AG	0	6.3	.0	9.9

JOB: Figueroa/9th WP
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE	71	41	1.8
2. SE	71	77	1.8
3. SW	40	77	1.8
4. NW	40	41	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D	* E	* F	* G	* H
1. NE	282.	2.3	.0	.0	.3	.0	.0	.0	.8	.0
2. SE	260.	3.2	.0	.9	.0	.0	.0	.0	.8	.0
3. SW	259.	2.5	.0	.0	.0	.0	.0	1.0	.0	.0
4. NW	9.	2.3	.0	1.5	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0
2. SE	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0
4. NW	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0

JOB: Figueroa/Olympic NP Saturday
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGH= 5. DEGREES TEMP= 25.5 DBGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* TYPE	VPH	EP (G/MI)	H (M)	W (M)
A. NF	51	530	51	230	* AG	1489	2.0	.0	24.0
B. NA	51	230	51	80	* AG	1209	6.1	.0	22.5
C. ND	51	80	51	-70	* AG	1435	2.8	.0	18.0
D. NE	51	-70	51	-370	* AG	1435	2.0	.0	24.0
E. SF	0	-450	0	-150	* AG	0	2.0	.0	10.5
F. SA	0	-150	0	0	* AG	0	6.1	.0	9.9
G. SD	0	0	0	150	* AG	267	2.7	.0	9.9
H. SE	0	150	0	450	* AG	267	2.0	.0	10.5
I. WF	512	50	212	50	* AG	1449	1.6	.0	19.5
J. WA	212	50	62	50	* AG	1364	4.1	.0	13.5
K. WD	62	50	-88	50	* AG	1483	1.9	.0	13.5
L. WE	-88	50	-388	50	* AG	1483	1.6	.0	19.5
M. EF	-415	71	-115	71	* AG	984	1.6	.0	19.5
N. EA	-115	71	35	71	* AG	772	3.6	.0	18.0
O. ED	35	71	185	71	* AG	737	1.9	.0	13.5
P. EE	185	71	485	71	* AG	737	1.6	.0	19.5
Q. NL	37	80	37	230	* AG	280	6.8	.0	9.9
R. SL	0	0	0	-150	* AG	0	6.1	.0	9.9
S. WL	62	59	212	59	* AG	85	3.6	.0	9.9
T. EL	35	59	-115	59	* AG	212	3.6	.0	9.9

JOB: Figueroa/Olympic NP
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z
1. NE	69	37	1.8
2. SE	69	87	1.8
3. SW	28	87	1.8
4. NW	28	37	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE	350.	1.0	.0	.5	.0	.0	.0	.0	.0	.0
2. SE	261.	.8	.0	.3	.0	.0	.0	.0	.0	.0
3. SW	103.	.7	.0	.2	.0	.0	.0	.0	.0	.0
4. NW	8.	.9	.0	.4	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	J	K	L	M	N	O	P	Q	R	S	T
1. NE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE	.0	.0	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0
3. SW	.0	.2	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0
4. NW	.0	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0

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

JOB: Figueroa/Olympic WP Saturday
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	51	530	51	230	AG	1679	3.0	.0	24.0
B. NA	51	230	51	80	AG	1348	11.9	.0	22.5
C. ND	51	80	51	-70	AG	1674	4.7	.0	18.0
D. NE	51	-70	51	-370	AG	1674	3.0	.0	24.0
E. SF	0	-450	0	-150	AG	0	3.0	.0	10.5
F. SA	0	-150	0	0	AG	0	10.6	.0	9.9
G. SD	0	0	0	150	AG	250	4.3	.0	9.9
H. SE	0	150	0	450	AG	250	3.0	.0	10.5
I. WF	512	50	212	50	AG	1839	2.4	.0	19.5
J. WA	212	50	62	50	AG	1754	6.3	.0	13.5
K. WD	62	50	-88	50	AG	1921	2.9	.0	13.5
L. WE	-88	50	-388	50	AG	1921	2.4	.0	19.5
M. EF	-415	71	-115	71	AG	1381	2.4	.0	19.5
N. EA	-115	71	35	71	AG	1077	5.2	.0	18.0
O. ED	35	71	185	71	AG	1054	2.8	.0	13.5
P. EE	185	71	485	71	AG	1054	2.4	.0	19.5
Q. NL	37	230	37	80	AG	331	11.9	.0	9.9
R. SL	0	-150	0	0	AG	0	10.6	.0	9.9
S. WL	212	59	62	59	AG	85	4.9	.0	9.9
T. EL	-115	59	35	59	AG	304	5.2	.0	9.9

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

JOB: Figueroa/Olympic WP
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE	69	37	1.8
2. SE	69	87	1.8
3. SW	28	87	1.8
4. NW	28	37	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	B	C	D	E	F	G	H
1. NE	350	2.0	.0	1.1	.0	.0	.0	.0	.0	.0
2. SE	261	1.6	.0	.7	.0	.0	.0	.0	.0	.0
3. SW	103	1.4	.0	.5	.0	.0	.0	.0	.0	.0
4. NW	8	1.8	.1	.8	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	J	K	L	M	N	O	P	Q	R	S	T
1. NE	.0	.5	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
2. SE	.0	.0	.0	.2	.0	.5	.0	.0	.1	.0	.0	.0
3. SW	.0	.3	.0	.0	.0	.0	.2	.0	.2	.0	.0	.0
4. NW	.0	.0	.3	.0	.0	.1	.0	.0	.4	.0	.0	.0

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

JOB: Flower/9th NP Saturday
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	0	450	0	150	* AG	0	2.0	.0	10.5
B. NA	0	150	0	0	* AG	0	6.8	.0	9.9
C. ND	0	0	0	-150	* AG	0	2.7	.0	9.9
D. NE	0	-150	0	-450	* AG	0	2.0	.0	10.5
E. SF	42	-404	42	-104	* AG	760	2.0	.0	28.5
F. SA	42	-104	42	47	* AG	704	6.8	.0	22.5
G. SD	42	47	42	197	* AG	1606	2.9	.0	22.5
H. SE	42	197	42	497	* AG	1606	2.0	.0	28.5
I. WF	450	0	150	0	* AG	0	2.0	.0	10.5
J. WA	150	0	0	0	* AG	0	3.6	.0	9.9
K. WD	0	0	-150	0	* AG	0	2.2	.0	9.9
L. WE	-150	0	-450	0	* AG	0	2.0	.0	10.5
M. EF	-419	56	-119	56	* AG	1703	2.0	.0	24.0
N. EA	-119	56	31	56	* AG	1703	3.6	.0	22.5
O. ED	31	56	181	56	* AG	857	2.2	.0	18.0
P. EE	181	56	481	56	* AG	857	2.0	.0	24.0
Q. NL	0	0	0	150	* AG	0	6.8	.0	9.9
R. SL	56	47	56	-104	* AG	56	6.8	.0	9.9
S. WL	0	0	150	0	* AG	0	3.6	.0	9.9
T. EL	0	0	-150	0	* AG	0	3.6	.0	9.9

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

JOB: Flower/9th NP
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE	65	40	1.8
2. SE	65	77	1.8
3. SW	24	77	1.8
4. NW	24	40	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE	277.	.7	.0	.0	.0	.0	.0	.2	.0	.0
2. SE	260.	.6	.0	.0	.0	.0	.0	.0	.2	.0
3. SW	170.	.7	.0	.0	.0	.0	.0	.4	.0	.0
4. NW	9.	.7	.0	.0	.0	.0	.0	.0	.3	.0

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0
2. SE	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NW	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0

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

JOB: Flower/9th WP Saturday
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	0	450	0	150	AG	0	3.0	.0	10.5
B. NA	0	150	0	0	AG	0	9.5	.0	9.9
C. ND	0	0	0	-150	AG	0	3.9	.0	9.9
D. NE	0	-150	0	-450	AG	0	3.0	.0	10.5
E. SF	42	-404	42	-104	AG	1186	3.0	.0	28.5
F. SA	42	-104	42	47	AG	1082	9.5	.0	22.5
G. SD	42	47	42	197	AG	2063	4.3	.0	22.5
H. SE	42	197	42	497	AG	2063	3.0	.0	28.5
I. WF	450	0	150	0	AG	0	3.0	.0	10.5
J. WA	150	0	0	0	AG	0	6.3	.0	9.9
K. WD	0	0	-150	0	AG	0	3.5	.0	9.9
L. WE	-150	0	-450	0	AG	0	3.0	.0	10.5
M. EF	-419	56	-119	56	AG	1901	3.0	.0	24.0
N. EA	-119	56	31	56	AG	1901	6.7	.0	22.5
O. ED	31	56	181	56	AG	1024	3.5	.0	18.0
P. EE	181	56	481	56	AG	1024	3.0	.0	24.0
Q. NL	0	0	0	150	AG	0	9.5	.0	9.9
R. SL	56	47	56	-104	AG	104	9.5	.0	9.9
S. WL	0	0	150	0	AG	0	6.3	.0	9.9
T. EL	0	0	-150	0	AG	0	6.3	.0	9.9

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

JOB: Flower/9th WP
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE	65	40	1.8
2. SE	65	77	1.8
3. SW	24	77	1.8
4. NW	24	40	1.8

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. NE	277.	1.5	.0	.0	.0	.0	.0	.4	.0	.0
2. SE	259.	1.2	.0	.0	.0	.0	.0	.0	.3	.0
3. SW	170.	1.4	.0	.0	.0	.0	.0	.8	.0	.0
4. NW	9.	1.3	.0	.0	.0	.0	.0	.0	.6	.1

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE	.0	.0	.0	.0	.1	.9	.0	.0	.0	.0	.0	.0
2. SE	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0
4. NW	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0

JOB: Flower/Olympic WP Saturday
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	* 0	450	0	150	* AG	0	3.0	.0	10.5
B. NA	* 0	150	0	0	* AG	0	7.9	.0	9.9
C. ND	* 0	0	0	-150	* AG	0	3.7	.0	9.9
D. NE	* 0	-150	0	-450	* AG	0	3.0	.0	10.5
E. SF	* 38	-403	38	-103	* AG	2166	3.0	.0	24.0
F. SA	* 38	-103	38	47	* AG	2126	8.6	.0	22.5
G. SD	* 38	47	38	197	* AG	1707	3.9	.0	18.0
H. SE	* 38	197	38	497	* AG	1707	3.0	.0	24.0
I. WF	* 499	53	199	53	* AG	1195	3.0	.0	19.5
J. WA	* 199	53	49	53	* AG	1083	8.6	.0	13.5
K. WD	* 49	53	-101	53	* AG	1890	4.1	.0	13.5
L. WE	* -101	53	-401	53	* AG	1890	3.0	.0	19.5
M. EF	* -423	73	-123	73	* AG	1059	3.0	.0	19.5
N. EA	* -123	73	27	73	* AG	1059	8.6	.0	13.5
O. ED	* 27	73	177	73	* AG	823	3.7	.0	13.5
P. EE	* 177	73	477	73	* AG	823	3.0	.0	19.5
Q. NL	* 0	0	0	150	* AG	0	7.9	.0	9.9
R. SL	* 47	47	47	-103	* AG	40	7.9	.0	9.9
S. WL	* 49	63	199	63	* AG	112	7.9	.0	9.9
T. EL	* 0	0	-150	0	* AG	0	7.9	.0	9.9

JOB: Flower/Olympic WP
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z
1. NE	* 56	40	1.8
2. SE	* 56	87	1.8
3. SW	* 20	87	1.8
4. NW	* 20	40	1.8

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. NE	* 282.	* 1.8	* .0	.0	.0	.0	.0	.0	.8	.0	.0
2. SE	* 188.	* 1.8	* .0	.0	.0	.0	.0	.1	1.2	.0	.0
3. SW	* 171.	* 2.0	* .0	.0	.0	.0	.0	.0	1.2	.0	.0
4. NW	* 81.	* 1.9	* .0	.0	.0	.0	.0	.0	.8	.0	.0

RECEPTOR	CONC/LINK (PPM)											
	* I	J	K	L	M	N	O	P	Q	R	S	T
1. NE	* .0	.0	.6	.0	.0	.3	.0	.0	.0	.0	.0	.0
2. SE	* .0	.2	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW	* .0	.0	.2	.0	.0	.4	.0	.0	.0	.0	.0	.0
4. NW	* .0	.8	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0

JOB: Cherry & Pico NP
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= .0 (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	59	518	59	218	* AG	2010	2.0	.0	15.0
B. NA	59	218	59	68	* AG	1028	4.7	.0	13.5
C. ND	59	68	59	-83	* AG	1247	2.6	.0	9.9
D. NE	59	-83	59	-383	* AG	1247	2.0	.0	15.0
E. SF	38	-414	38	-114	* AG	545	2.0	.0	10.5
F. SA	38	-114	38	36	* AG	249	4.4	.0	9.9
G. SD	38	36	38	186	* AG	0	2.3	.0	9.9
H. SE	38	186	38	486	* AG	0	2.0	.0	10.5
I. WF	515	42	215	42	* AG	1118	2.0	.0	15.0
J. WA	215	42	65	42	* AG	1118	6.8	.0	13.5
K. WD	65	42	-85	42	* AG	1989	11.1	.0	9.9
L. WE	-85	42	-385	42	* AG	1989	2.0	.0	15.0
M. EF	-417	61	-117	61	* AG	828	2.0	.0	19.5
N. EA	-117	61	33	61	* AG	614	5.6	.0	13.5
O. ED	33	61	183	61	* AG	1265	2.7	.0	13.5
P. EE	183	61	483	61	* AG	1265	2.0	.0	19.5
Q. NL	52	68	52	218	* AG	982	5.1	.0	9.9
R. SL	47	36	47	-114	* AG	296	4.4	.0	9.9
S. WL	0	0	150	0	* AG	0	5.6	.0	9.9
T. EL	33	51	-117	51	* AG	214	5.6	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. NE	72	29	1.8
2. SE	72	74	1.8
3. SW	26	74	1.8
4. NW	26	29	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE	280	2.1	.0	.0	.1	.0	.0	.0	.0	.0
2. SE	255	1.6	.0	.2	.0	.0	.0	.0	.0	.0
3. SW	171	1.2	.0	.0	.0	.1	.0	.1	.0	.0
4. NW	283	1.8	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE	.0	.0	1.6	.0	.0	.1	.0	.0	.0	.0	.0	.0
2. SE	.0	.0	.8	.0	.0	.2	.0	.0	.2	.0	.0	.0
3. SW	.0	.0	.6	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NW	.0	.0	1.5	.0	.0	.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL

JUNE 1989 VERSION

PAGE 1

JOB: Cherry & Pico WP Saturday
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGTH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* TYPE	VPH	BF (G/MI)	H (M)	W (M)
A. NF	* 59	518	59	218	* AG	2221	3.0	.0	15.0
B. NA	* 59	218	59	68	* AG	1239	7.3	.0	13.5
C. ND	* 59	68	59	-83	* AG	1525	4.7	.0	9.9
D. NE	* 59	-83	59	-383	* AG	1525	3.0	.0	15.0
E. SF	* 38	-414	38	-114	* AG	566	3.0	.0	10.5
F. SA	* 38	-114	38	36	* AG	270	6.7	.0	9.9
G. SD	* 38	36	38	186	* AG	0	3.5	.0	9.9
H. SE	* 38	186	38	486	* AG	0	3.0	.0	10.5
I. WF	* 515	42	215	42	* AG	1142	3.0	.0	15.0
J. WA	* 215	42	65	42	* AG	1142	10.6	.0	13.5
K. WD	* 65	42	-85	42	* AG	2034	18.7	.0	9.9
L. WE	* -85	42	-385	42	* AG	2034	3.0	.0	15.0
M. EF	* -417	61	-117	61	* AG	947	3.0	.0	19.5
N. EA	* -117	61	33	61	* AG	680	8.6	.0	13.5
O. ED	* 33	61	183	61	* AG	1317	4.1	.0	13.5
P. EE	* 183	61	483	61	* AG	1317	3.0	.0	19.5
Q. NL	* 52	68	52	218	* AG	982	7.9	.0	9.9
R. SL	* 47	36	47	-114	* AG	296	6.7	.0	9.9
S. WL	* 0	0	150	0	* AG	0	8.6	.0	9.9
T. EL	* 33	51	-117	51	* AG	267	9.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z
1. NE	* 72	29	1.8
2. SE	* 72	74	1.8
3. SW	* 26	74	1.8
4. NW	* 26	29	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* CONC (PPM)	* A	B	C	D	E	F	G	H
1. NE	* 280.	* 3.7	* .0	.0	.3	.0	.0	.0	.0	.0
2. SE	* 255.	* 2.7	* .0	.5	.0	.0	.0	.0	.0	.0
3. SW	* 171.	* 2.0	* .0	.0	.0	.2	.0	.2	.0	.0
4. NW	* 283.	* 3.1	* .0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	J	K	L	M	N	O	P	Q	R	S	T
1. NE	* .0	.0	2.7	.0	.0	.2	.0	.0	.0	.0	.0	.2
2. SE	* .0	.0	1.3	.0	.0	.4	.1	.0	.2	.0	.0	.2
3. SW	* .0	.0	1.0	.0	.0	.3	.0	.0	.0	.1	.0	.0
4. NW	* .0	.0	2.6	.0	.0	.2	.0	.0	.0	.0	.0	.2

JOB: Georgia & 11th WP Saturday
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= .0 PPM
 SIGH= 5. DEGREES TEMP= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	48	518	48	218	AG	80	3.0	.0	15.0
B. NA	48	218	48	68	AG	67	23.4	.0	9.9
C. ND	48	68	48	-82	AG	1324	23.4	.0	9.9
D. NE	48	-82	48	-382	AG	1324	3.0	.0	15.0
E. SF	39	-413	39	-113	AG	435	3.0	.0	15.0
F. SA	39	-113	39	37	AG	323	23.4	.0	9.9
G. SD	39	37	39	187	AG	328	7.3	.0	9.9
H. SE	39	187	39	487	AG	328	3.0	.0	15.0
I. WF	502	44	202	44	AG	1604	3.0	.0	19.5
J. WA	202	44	52	44	AG	1488	5.9	.0	13.5
K. WD	52	44	-98	44	AG	805	3.3	.0	13.5
L. WE	-98	44	-398	44	AG	805	3.0	.0	19.5
M. EF	-416	62	-116	62	AG	1067	3.0	.0	15.0
N. EA	-116	62	34	62	AG	721	5.2	.0	13.5
O. ED	34	62	184	62	AG	729	3.3	.0	9.9
P. EE	184	62	484	62	AG	729	3.0	.0	15.0
Q. NL	46	68	46	218	AG	13	23.4	.0	9.9
R. SL	41	37	41	-113	AG	112	23.4	.0	9.9
S. WL	52	53	202	53	AG	116	5.2	.0	9.9
T. EL	34	53	-116	53	AG	346	5.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. NE	59	30	1.8
2. SE	59	75	1.8
3. SW	27	75	1.8
4. NW	27	30	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE	192.	3.6	.0	.0	2.8	.0	.0	.5	.0	.0
2. SE	189.	4.2	.0	.0	2.9	.0	.0	.6	.0	.0
3. SW	169.	3.1	.0	.0	1.7	.0	.0	.7	.0	.0
4. NW	82.	2.6	.0	.0	1.1	.0	.0	.4	.0	.0

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
2. SE	.0	.2	.0	.0	.0	.0	.1	.0	.3	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0
4. NW	.0	.7	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0

EMFAC7F1.1 RATES AS OF 1/25/94

TIME RATE ADJUSTMENT BAGS 1 & 3 LAENT.PMNP

YEAR: 2008	DEWPOINT: 10	% COLD STARTS	5.0	% LDA	69.0	% LDT	19.4	% MDT	6.4
INSPECTION & MAINTENANCE: YES		% HOT STARTS	3.0	% UBD	0.0	% HDG	1.2	% HDD	3.6
SEASON: WINTER		% HOT STAB	92.0			% MCY	0.4		

TABLE 1: ESTIMATED TRAVEL FRACTIONS

	LIGHT DUTY AUTOS			LIGHT DUTY TRUCKS			MED DUTY TRUCKS			URBAN BUS	HEAVY DUTY TRUCKS			MCY
	NCAT	CAT	DIESEL	NCAT	CAT	DIESEL	NCAT	CAT	DIESEL	NCAT	CAT	DIESEL	ALL	
% VMT	0.08	99.86	0.06	0.00	99.95	0.05	0.00	100.00	100.00	12.63	87.37	100.00	100.00	
% TRIP	0.08	99.86	0.06	0.00	99.95	0.05	0.00	100.00	100.00	12.63	87.37	100.00	100.00	
% VEH	0.18	99.68	0.14	0.00	99.89	0.11	0.00	100.00	100.00	15.59	84.41	100.00	100.00	

1ENV028F1.1

EMFAC7F1.1 RATES AS OF 1/25/94

TIME RATE ADJUSTMENT BAGS 1 & 3 LAENT.PMNP

YEAR: 2008	DEWPOINT: 10	% COLD STARTS	5.0	% LDA	69.0	% LDT	19.4	% MDT	6.4
INSPECTION & MAINTENANCE: YES		% HOT STARTS	3.0	% UBD	0.0	% HDG	1.2	% HDD	3.6
SEASON: WINTER		% HOT STAB	92.0			% MCY	0.4		

TABLE 2: COMPOSITE EMISSION FACTORS

POLLUTANT NAME: CARBON MONOXIDE

IN GRAMS PER MILE

SPEED MPH	TEMPERATURE IN DEGREES FAHRENHEIT											
	30	35	40	45	50	55	60	65	70	75	80	85
IDLE*	1.01	0.98	0.93	0.89	0.85	0.81	0.77	0.74	0.71	0.69	0.69	0.70
3	20.30	19.52	18.69	17.82	16.96	16.13	15.37	14.71	14.19	13.84	13.82	14.06
4	16.79	16.17	15.52	14.84	14.17	13.53	12.95	12.45	12.06	11.80	11.83	12.05
5	14.34	13.83	13.28	12.73	12.18	11.66	11.19	10.79	10.47	10.27	10.31	10.51
6	12.50	12.06	11.60	11.13	10.66	10.22	9.83	9.49	9.23	9.06	9.11	9.29
7	11.05	10.68	10.27	9.86	9.46	9.08	8.74	8.45	8.23	8.09	8.13	8.29
8	9.89	9.56	9.20	8.84	8.49	8.15	7.85	7.60	7.40	7.28	7.32	7.47
9	8.94	8.64	8.32	8.00	7.68	7.38	7.11	6.89	6.71	6.61	6.65	6.78
10	8.14	7.87	7.58	7.29	7.00	6.73	6.49	6.29	6.13	6.04	6.07	6.20
11	7.47	7.22	6.96	6.69	6.43	6.18	5.96	5.78	5.64	5.55	5.58	5.70
12	6.89	6.66	6.42	6.18	5.94	5.71	5.51	5.34	5.21	5.13	5.16	5.27
13	6.40	6.19	5.96	5.74	5.51	5.30	5.12	4.96	4.84	4.77	4.80	4.90
14	5.97	5.77	5.56	5.35	5.14	4.95	4.78	4.63	4.52	4.45	4.48	4.57
15	5.59	5.40	5.21	5.01	4.82	4.64	4.48	4.34	4.23	4.17	4.20	4.29
16	5.26	5.08	4.90	4.71	4.53	4.36	4.21	4.08	3.99	3.93	3.95	4.03
17	4.96	4.80	4.63	4.45	4.28	4.12	3.98	3.86	3.76	3.71	3.73	3.81
18	4.70	4.54	4.38	4.22	4.05	3.90	3.77	3.65	3.57	3.51	3.54	3.61
19	4.47	4.32	4.16	4.01	3.85	3.71	3.58	3.47	3.39	3.34	3.36	3.43
20	4.25	4.11	3.97	3.82	3.67	3.53	3.41	3.31	3.23	3.18	3.21	3.27
21	4.06	3.93	3.79	3.65	3.51	3.38	3.26	3.16	3.09	3.04	3.06	3.13
22	3.89	3.76	3.63	3.49	3.36	3.23	3.12	3.03	2.96	2.91	2.93	3.00
23	3.73	3.61	3.48	3.35	3.22	3.10	3.00	2.91	2.84	2.80	2.82	2.88
24	3.59	3.47	3.35	3.22	3.10	2.98	2.88	2.79	2.73	2.69	2.71	2.77
25	3.46	3.34	3.22	3.10	2.98	2.87	2.78	2.69	2.63	2.59	2.61	2.67
26	3.31	3.20	3.09	2.97	2.85	2.75	2.65	2.57	2.51	2.47	2.49	2.54
27	3.22	3.12	3.01	2.89	2.78	2.68	2.59	2.51	2.46	2.42	2.44	2.49
28	3.12	3.02	2.91	2.80	2.70	2.60	2.51	2.43	2.38	2.35	2.36	2.41
29	3.02	2.92	2.82	2.72	2.61	2.52	2.43	2.36	2.31	2.28	2.29	2.34
30	2.94	2.84	2.74	2.64	2.54	2.44	2.36	2.29	2.24	2.21	2.23	2.27
31	2.85	2.76	2.66	2.56	2.47	2.38	2.30	2.23	2.18	2.15	2.17	2.21
32	2.78	2.69	2.59	2.49	2.40	2.31	2.24	2.17	2.12	2.09	2.11	2.15
33	2.71	2.62	2.52	2.43	2.34	2.25	2.18	2.12	2.07	2.04	2.06	2.10
34	2.64	2.55	2.46	2.37	2.28	2.20	2.13	2.07	2.02	1.99	2.01	2.05
35	2.58	2.49	2.41	2.32	2.23	2.15	2.08	2.02	1.98	1.95	1.97	2.01
36	2.52	2.44	2.35	2.27	2.18	2.11	2.04	1.98	1.94	1.91	1.93	1.97
37	2.47	2.39	2.31	2.22	2.14	2.06	2.00	1.94	1.90	1.87	1.89	1.93
38	2.42	2.34	2.26	2.18	2.10	2.03	1.96	1.90	1.86	1.84	1.86	1.90
39	2.38	2.30	2.22	2.14	2.06	1.99	1.93	1.87	1.83	1.81	1.83	1.87
40	2.34	2.27	2.19	2.11	2.03	1.96	1.90	1.85	1.81	1.79	1.80	1.84
41	2.31	2.23	2.16	2.08	2.00	1.93	1.87	1.82	1.79	1.76	1.78	1.82
42	2.28	2.21	2.13	2.05	1.98	1.91	1.85	1.80	1.77	1.75	1.76	1.80
43	2.25	2.18	2.11	2.03	1.96	1.89	1.84	1.79	1.75	1.73	1.75	1.79
44	2.23	2.16	2.09	2.02	1.95	1.88	1.82	1.78	1.74	1.72	1.74	1.78
45	2.22	2.15	2.08	2.01	1.94	1.87	1.81	1.77	1.73	1.72	1.73	1.77
46	2.21	2.14	2.07	2.00	1.93	1.87	1.81	1.77	1.73	1.71	1.73	1.77
47	2.21	2.14	2.07	2.00	1.93	1.87	1.81	1.77	1.74	1.72	1.74	1.78
48	2.21	2.14	2.07	2.00	1.94	1.88	1.82	1.78	1.74	1.73	1.75	1.79
49	2.22	2.16	2.09	2.02	1.95	1.89	1.83	1.79	1.76	1.74	1.76	1.80
50	2.24	2.18	2.10	2.04	1.97	1.91	1.85	1.81	1.78	1.77	1.79	1.83
51	2.27	2.20	2.13	2.06	2.00	1.94	1.88	1.84	1.81	1.80	1.82	1.86
52	2.31	2.24	2.17	2.10	2.03	1.97	1.92	1.88	1.85	1.84	1.86	1.90
53	2.36	2.29	2.22	2.15	2.08	2.02	1.97	1.93	1.90	1.89	1.91	1.95

EMFAC7F1.1 RATES AS OF 1/25/94

TIME RATE ADJUSTMENT BAGS 1 & 3

LA Entertainment weekday pm

YEAR: 2008	DEWPOINT: 10	% COLD STARTS	17.0	% LDA	69.0	% LDT	19.4	% MDT	6.4
INSPECTION & MAINTENANCE: YES		% HOT STARTS	3.0	% UBD	0.0	% HDG	1.2	% HDD	3.6
SEASON: WINTER		% HOT STAB	80.0			% MCY	0.4		

TABLE 1: ESTIMATED TRAVEL FRACTIONS

	LIGHT DUTY AUTOS			LIGHT DUTY TRUCKS			MED DUTY TRUCKS URBAN BUS			HEAVY DUTY TRUCKS			MCY ALL
	NCAT	CAT	DIESEL	NCAT	CAT	DIESEL	NCAT	CAT	DIESEL	NCAT	CAT	DIESEL	
% VMT	0.08	99.86	0.06	0.00	99.95	0.05	0.00	100.00	100.00	12.63	87.37	100.00	100.00
% TRIP	0.08	99.86	0.06	0.00	99.95	0.05	0.00	100.00	100.00	12.63	87.37	100.00	100.00
% VEH	0.18	99.68	0.14	0.00	99.89	0.11	0.00	100.00	100.00	15.59	84.41	100.00	100.00

EMFAC7F1.1 RATES AS OF 1/25/94

TIME RATE ADJUSTMENT BAGS 1 & 3

LA Entertainment weekday pm

YEAR: 2008	DEWPOINT: 10	% COLD STARTS	17.0	% LDA	69.0	% LDT	19.4	% MDT	6.4
INSPECTION & MAINTENANCE: YES		% HOT STARTS	3.0	% UBD	0.0	% HDG	1.2	% HDD	3.6
SEASON: WINTER		% HOT STAB	80.0			% MCY	0.4		

TABLE 2: COMPOSITE EMISSION FACTORS

POLLUTANT NAME: CARBON MONOXIDE

IN GRAMS PER MILE

SPEED MPH	TEMPERATURE IN DEGREES FAHRENHEIT											
	30	35	40	45	50	55	60	65	70	75	80	85
IDLE*	1.84	1.75	1.65	1.53	1.41	1.30	1.18	1.08	1.00	0.93	0.89	0.88
3	36.86	35.02	32.91	30.63	28.27	25.93	23.69	21.65	19.91	18.55	17.82	17.67
4	29.21	27.80	26.19	24.45	22.66	20.88	19.19	17.66	16.35	15.34	14.82	14.75
5	24.28	23.13	21.82	20.42	18.97	17.54	16.18	14.95	13.91	13.10	12.71	12.67
6	20.78	19.81	18.71	17.53	16.32	15.12	13.99	12.96	12.09	11.42	11.10	11.09
7	18.16	17.32	16.37	15.36	14.31	13.28	12.30	11.42	10.68	10.11	9.84	9.84
8	16.11	15.37	14.54	13.65	12.73	11.83	10.97	10.20	9.55	9.05	8.82	8.82
9	14.46	13.81	13.06	12.27	11.45	10.65	9.89	9.20	8.62	8.18	7.98	7.98
10	13.11	12.52	11.85	11.13	10.40	9.67	8.99	8.37	7.85	7.45	7.27	7.28
11	11.99	11.45	10.84	10.19	9.52	8.86	8.23	7.67	7.20	6.83	6.67	6.68
12	11.04	10.54	9.98	9.38	8.77	8.16	7.59	7.07	6.64	6.31	6.16	6.17
13	10.22	9.76	9.25	8.69	8.13	7.57	7.04	6.56	6.16	5.85	5.72	5.73
14	9.52	9.09	8.61	8.10	7.57	7.05	6.56	6.12	5.74	5.46	5.33	5.34
15	8.90	8.50	8.06	7.58	7.08	6.60	6.14	5.73	5.38	5.11	5.00	5.01
16	8.36	7.99	7.57	7.12	6.66	6.20	5.77	5.38	5.06	4.81	4.70	4.71
17	7.89	7.53	7.14	6.71	6.28	5.85	5.44	5.08	4.77	4.54	4.44	4.45
18	7.46	7.13	6.75	6.35	5.94	5.54	5.15	4.81	4.52	4.30	4.20	4.21
19	7.08	6.77	6.41	6.03	5.64	5.26	4.89	4.57	4.29	4.08	3.99	4.00
20	6.74	6.44	6.10	5.74	5.37	5.00	4.66	4.35	4.09	3.89	3.80	3.81
21	6.43	6.14	5.82	5.48	5.12	4.78	4.45	4.15	3.90	3.72	3.63	3.64
22	6.15	5.88	5.57	5.24	4.90	4.57	4.26	3.97	3.74	3.56	3.48	3.49
23	5.89	5.63	5.34	5.02	4.70	4.38	4.08	3.81	3.58	3.41	3.34	3.35
24	5.66	5.41	5.12	4.82	4.51	4.21	3.92	3.66	3.44	3.28	3.21	3.22
25	5.45	5.20	4.93	4.64	4.34	4.05	3.77	3.53	3.32	3.16	3.09	3.10
26	5.25	5.02	4.75	4.47	4.18	3.90	3.63	3.38	3.18	3.03	2.96	2.96
27	5.06	4.84	4.59	4.32	4.04	3.77	3.51	3.28	3.09	2.95	2.88	2.89
28	4.90	4.68	4.43	4.17	3.91	3.65	3.40	3.18	2.99	2.85	2.79	2.80
29	4.74	4.53	4.29	4.04	3.78	3.53	3.29	3.08	2.90	2.76	2.71	2.71
30	4.59	4.39	4.16	3.92	3.67	3.42	3.19	2.99	2.81	2.68	2.63	2.63
31	4.46	4.26	4.04	3.80	3.56	3.32	3.10	2.90	2.73	2.61	2.55	2.56
32	4.33	4.14	3.92	3.69	3.46	3.23	3.02	2.82	2.66	2.54	2.48	2.49
33	4.21	4.03	3.82	3.60	3.37	3.15	2.94	2.75	2.59	2.47	2.42	2.43
34	4.10	3.92	3.72	3.50	3.28	3.07	2.86	2.68	2.53	2.41	2.36	2.37
35	4.00	3.82	3.63	3.42	3.20	2.99	2.79	2.62	2.47	2.36	2.31	2.32
36	3.90	3.73	3.54	3.33	3.13	2.92	2.73	2.56	2.41	2.30	2.26	2.27
37	3.81	3.65	3.46	3.26	3.06	2.86	2.67	2.50	2.36	2.26	2.21	2.22
38	3.73	3.57	3.39	3.19	2.99	2.80	2.62	2.45	2.32	2.21	2.17	2.18
39	3.65	3.49	3.32	3.13	2.93	2.75	2.57	2.41	2.27	2.17	2.13	2.14
40	3.58	3.43	3.25	3.07	2.88	2.70	2.52	2.37	2.24	2.14	2.10	2.11
41	3.52	3.37	3.20	3.02	2.83	2.65	2.48	2.33	2.20	2.11	2.07	2.08
42	3.46	3.31	3.15	2.97	2.79	2.61	2.45	2.30	2.17	2.08	2.05	2.06
43	3.41	3.26	3.10	2.93	2.75	2.58	2.42	2.27	2.15	2.06	2.03	2.04
44	3.36	3.22	3.06	2.89	2.72	2.55	2.39	2.25	2.13	2.04	2.01	2.02
45	3.32	3.18	3.03	2.86	2.69	2.52	2.37	2.23	2.12	2.03	2.00	2.01
46	3.29	3.15	3.00	2.84	2.67	2.51	2.35	2.22	2.11	2.02	1.99	2.01
47	3.27	3.13	2.98	2.82	2.65	2.49	2.34	2.21	2.10	2.02	1.99	2.01
48	3.25	3.11	2.96	2.81	2.64	2.49	2.34	2.21	2.10	2.02	2.00	2.01
49	3.24	3.11	2.96	2.80	2.64	2.49	2.34	2.22	2.11	2.03	2.01	2.02
50	3.24	3.10	2.96	2.80	2.65	2.50	2.35	2.23	2.13	2.05	2.03	2.04

EMFAC7F1.1 RATES AS OF 1/25/94

TIME RATE ADJUSTMENT BAGS 1 & 3 LA Entertainment District, Saturday WP

YEAR: 2008	DEWPOINT: .10	% COLD STARTS	22.0	% LDA	69.0	% LDT	19.4	% MDT	6.4
INSPECTION & MAINTENANCE: YES		% HOT STARTS	3.0	% UBD	0.0	% HDG	1.2	% HDD	3.6
SEASON: WINTER		% HOT STAB	75.0			% MCY	0.4		

TABLE 1: ESTIMATED TRAVEL FRACTIONS

	LIGHT DUTY AUTOS			LIGHT DUTY TRUCKS			MED DUTY TRUCKS URBAN BUS			HEAVY DUTY TRUCKS			MCY ALL
	NCAT	CAT	DIESEL	NCAT	CAT	DIESEL	NCAT	CAT	DIESEL	NCAT	CAT	DIESEL	
% VMT	0.08	99.86	0.06	0.00	99.95	0.05	0.00	100.00	100.00	12.63	87.37	100.00	100.00
% TRIP	0.08	99.86	0.06	0.00	99.95	0.05	0.00	100.00	100.00	12.63	87.37	100.00	100.00
% VEH	0.18	99.68	0.14	0.00	99.89	0.11	0.00	100.00	100.00	15.59	84.41	100.00	100.00

EMFAC7F1.1 RATES AS OF 1/25/94

TIME RATE ADJUSTMENT BAGS 1 & 3 LA Entertainment District, Saturday WP

YEAR: 2008	DEWPOINT: 10	% COLD STARTS	22.0	% LDA	69.0	% LDT	19.4	% MDT	6.4
INSPECTION & MAINTENANCE: YES		% HOT STARTS	3.0	% UBD	0.0	% HDG	1.2	% HDD	3.6
SEASON: WINTER		% HOT STAB	75.0			% MCY	0.4		

TABLE 2: COMPOSITE EMISSION FACTORS

POLLUTANT NAME: CARBON MONOXIDE

IN GRAMS PER MILE

SPEED MPH	TEMPERATURE IN DEGREES FAHRENHEIT											
	30	35	40	45	50	55	60	65	70	75	80	85
IDLE*	2.19	2.07	1.94	1.80	1.65	1.50	1.36	1.23	1.11	1.03	0.97	0.96
3	43.77	41.48	38.84	35.97	32.99	30.01	27.15	24.54	22.29	20.52	19.48	19.17
4	34.39	32.64	30.63	28.45	26.19	23.94	21.79	19.82	18.14	16.82	16.07	15.88
5	28.42	27.00	25.38	23.62	21.80	19.99	18.26	16.68	15.33	14.28	13.70	13.58
6	24.23	23.04	21.68	20.20	18.68	17.16	15.72	14.40	13.28	12.41	11.93	11.84
7	21.11	20.09	18.91	17.64	16.33	15.03	13.79	12.66	11.70	10.95	10.55	10.48
8	18.70	17.79	16.76	15.65	14.50	13.36	12.27	11.28	10.44	9.79	9.44	9.39
9	16.76	15.96	15.04	14.05	13.02	12.01	11.04	10.16	9.41	8.83	8.53	8.49
10	15.18	14.46	13.63	12.74	11.81	10.90	10.03	9.24	8.56	8.04	7.77	7.73
11	13.87	13.21	12.45	11.64	10.80	9.97	9.18	8.46	7.85	7.37	7.13	7.09
12	12.76	12.15	11.46	10.72	9.95	9.18	8.46	7.80	7.23	6.80	6.58	6.55
13	11.81	11.25	10.61	9.92	9.21	8.51	7.84	7.23	6.71	6.31	6.10	6.08
14	11.00	10.47	9.88	9.24	8.58	7.92	7.30	6.74	6.25	5.88	5.69	5.67
15	10.28	9.80	9.24	8.64	8.03	7.41	6.83	6.30	5.85	5.51	5.33	5.31
16	9.66	9.20	8.68	8.12	7.54	6.97	6.42	5.93	5.50	5.18	5.01	4.99
17	9.10	8.67	8.18	7.65	7.11	6.57	6.06	5.59	5.19	4.89	4.73	4.71
18	8.61	8.20	7.74	7.24	6.73	6.22	5.73	5.29	4.92	4.63	4.48	4.46
19	8.17	7.78	7.35	6.87	6.38	5.90	5.44	5.02	4.67	4.39	4.26	4.24
20	7.77	7.41	6.99	6.54	6.08	5.62	5.18	4.78	4.45	4.19	4.05	4.04
21	7.42	7.07	6.67	6.24	5.80	5.36	4.94	4.56	4.24	4.00	3.87	3.86
22	7.09	6.76	6.38	5.97	5.54	5.13	4.73	4.37	4.06	3.82	3.71	3.69
23	6.79	6.47	6.11	5.72	5.31	4.91	4.53	4.19	3.89	3.67	3.55	3.54
24	6.52	6.22	5.87	5.49	5.10	4.72	4.35	4.02	3.74	3.53	3.42	3.41
25	6.27	5.98	5.64	5.28	4.91	4.54	4.19	3.87	3.60	3.40	3.29	3.28
26	6.06	5.78	5.45	5.10	4.73	4.37	4.03	3.72	3.46	3.26	3.15	3.14
27	5.83	5.56	5.25	4.91	4.57	4.22	3.90	3.61	3.36	3.16	3.07	3.06
28	5.64	5.37	5.07	4.75	4.41	4.08	3.77	3.49	3.25	3.06	2.97	2.96
29	5.45	5.20	4.91	4.59	4.27	3.95	3.65	3.38	3.14	2.97	2.88	2.87
30	5.28	5.03	4.75	4.45	4.14	3.83	3.54	3.28	3.05	2.88	2.79	2.78
31	5.12	4.88	4.61	4.32	4.02	3.72	3.44	3.18	2.96	2.80	2.71	2.71
32	4.98	4.74	4.48	4.20	3.90	3.61	3.34	3.09	2.88	2.72	2.64	2.63
33	4.84	4.61	4.36	4.08	3.80	3.52	3.25	3.01	2.81	2.65	2.57	2.57
34	4.71	4.49	4.24	3.97	3.70	3.43	3.17	2.93	2.74	2.58	2.51	2.50
35	4.59	4.38	4.13	3.87	3.61	3.34	3.09	2.86	2.67	2.52	2.45	2.45
36	4.48	4.27	4.03	3.78	3.52	3.26	3.02	2.80	2.61	2.47	2.40	2.39
37	4.37	4.17	3.94	3.69	3.44	3.19	2.95	2.74	2.56	2.42	2.35	2.34
38	4.28	4.08	3.85	3.61	3.37	3.12	2.89	2.68	2.50	2.37	2.30	2.30
39	4.18	3.99	3.77	3.54	3.30	3.06	2.83	2.63	2.46	2.33	2.26	2.26
40	4.10	3.91	3.70	3.47	3.23	3.00	2.78	2.58	2.42	2.29	2.23	2.22
41	4.02	3.84	3.63	3.41	3.18	2.95	2.74	2.54	2.38	2.25	2.19	2.19
42	3.95	3.77	3.57	3.35	3.13	2.90	2.69	2.50	2.34	2.22	2.16	2.16
43	3.89	3.71	3.51	3.30	3.08	2.86	2.66	2.47	2.32	2.20	2.14	2.14
44	3.83	3.66	3.46	3.25	3.04	2.83	2.63	2.45	2.29	2.18	2.12	2.12
45	3.79	3.61	3.42	3.22	3.00	2.80	2.60	2.42	2.27	2.16	2.11	2.11
46	3.74	3.57	3.39	3.18	2.98	2.77	2.58	2.41	2.26	2.15	2.10	2.10
47	3.71	3.54	3.36	3.16	2.95	2.75	2.57	2.40	2.25	2.15	2.10	2.10
48	3.68	3.52	3.33	3.14	2.94	2.74	2.56	2.39	2.25	2.15	2.10	2.11
49	3.66	3.50	3.32	3.13	2.93	2.74	2.56	2.39	2.26	2.15	2.11	2.12
50	3.65	3.49	3.31	3.12	2.93	2.74	2.56	2.40	2.27	2.17	2.13	2.13