

JOB: Rocklin Commons  
 RUN: 2025 hp no D  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S Z0= 100. CM ALT= 76. (M)  
 BRG= WORST CASE VD= .0 CM/S  
 CLAS= 7 (G) VS= .0 CM/S  
 MIXH= 1000. M AMB= .0 PPM  
 SIGTH= 10. DEGREES TEMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VEH	EF	H	W
A.	Pacific NBA	9	-150	9	0	AG	880	1.8	.0	13.5
B.	Pacific NBD	9	0	9	150	AG	694	1.2	.0	10.0
C.	Pacific NBI	5	-150	0	0	AG	67	2.0	.0	13.0
D.	Pacific SBA	-9	150	-9	0	AG	537	1.6	.0	13.5
E.	Pacific SBD	-9	0	-9	-150	AG	1110	1.2	.0	11.8
F.	Pacific SBL	-5	150	0	0	AG	99	2.0	.0	10.0
G.	Rocklin EBA	-150	-9	0	-9	AG	355	1.6	.0	13.3
H.	Rocklin EBD	0	-9	150	-9	AG	839	1.2	.0	11.8
I.	Rocklin EBL	-150	0	0	0	AG	90	2.0	.0	10.0
J.	Rocklin WBA	150	9	0	9	AG	383	1.6	.0	11.8
K.	Rocklin WBD	0	9	-150	0	AG	303	1.2	.0	10.0
L.	Rocklin WBL	150	5	0	0	AG	535	2.1	.0	10.0
M.	Pacific NBA	9	-750	9	-150	AG	947	1.1	.0	13.3
N.	Pacific NBD	9	150	9	750	AG	694	1.1	.0	10.0
O.	Pacific SBA	-9	750	-9	150	AG	636	1.1	.0	13.5
P.	Pacific SBD	-9	-150	-9	-750	AG	1110	1.1	.0	11.8
Q.	Rocklin EBA	-750	-9	-150	-9	AG	445	1.1	.0	13.5
R.	Rocklin EBD	150	-9	750	-9	AG	839	1.1	.0	11.8
S.	Rocklin WBA	750	9	150	9	AG	918	1.1	.0	11.8
T.	Rocklin WBD	-150	9	-750	9	AG	303	1.1	.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1.	SE	17	-16 1.8
2.	NW	-17	15 1.8
3.	SW	-16	-17 1.8
4.	NE	15	16 1.8
5.	ES mbdik	150	-16 1.8
6.	WN mbdik	-150	15 1.8
7.	WS mbdik	-150	-17 1.8
8.	EN mbdik	150	16 1.8
9.	SE mbdik	17	-150 1.8
10.	NW mbdik	-17	150 1.8
11.	SW mbdik	-16	-150 1.8
12.	NE mbdik	15	150 1.8
13.	ES blk	600	-16 1.8
14.	WN blk	-600	15 1.8
15.	WS blk	-600	-17 1.8
16.	EN blk	600	16 1.8
17.	SE blk	17	-600 1.8
18.	NW blk	-17	600 1.8
19.	SW blk	-16	-600 1.8
20.	NE blk	15	600 1.8

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 RUN: 2025 np no D (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	350.	.4	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	172.	.3	.0	.0	.0	.0	.1	.0	.0	.0
3. SW	81.	.4	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	187.	.4	.2	.0	.0	.0	.0	.0	.0	.1
5. ES mdblK	279.	.3	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblK	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	84.	.2	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	258.	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	352.	.3	.2	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	172.	.3	.0	.0	.0	.1	.0	.0	.0	.0
11. SW mdblK	10.	.3	.0	.0	.0	.2	.0	.0	.0	.0
12. NE mdblK	186.	.3	.0	.1	.0	.0	.0	.0	.0	.0
13. ES b1K	277.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN b1K	96.	.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS b1K	85.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN b1K	263.	.3	.0	.0	.0	.0	.0	.0	.0	.0
17. SE b1K	353.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW b1K	174.	.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW b1K	7.	.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE b1K	186.	.2	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 np no D (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES b1K	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
14. WN b1K	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS b1K	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN b1K	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
17. SE b1K	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW b1K	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
19. SW b1K	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
20. NE b1K	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

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I. SITE VARIABLES  
 U= .5 M/S                    Z0= 100. CM  
 BRG= WORST CASE            VD= .0 CM/S  
 CLAS= 7 (G)                VS= .0 CM/S  
 MIXH= 1000. M              AMB= .0 PPM  
 SIGTH= 10. DEGREES        TEMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A.	Granite NBA	7	-150	7	0	* AG	49	1.9	.0	10.0
B.	Granite NBD	7	0	7	150	* AG	1081	2.0	.0	10.0
C.	Granite NBL	5	-150	0	0	* AG	23	2.0	.0	10.0
D.	Granite SBA	-9	150	-9	0	* AG	457	1.9	.0	11.8
E.	Granite SBD	-9	0	-9	-150	* AG	79	1.2	.0	10.0
F.	Granite SBL	-5	150	0	0	* AG	665	2.1	.0	10.0
G.	Granite EBA	-150	-9	0	-9	* AG	1259	1.6	.0	13.5
H.	Granite EBD	0	-9	150	-9	* AG	1932	1.2	.0	11.8
I.	Rocklin EBL	-150	-5	0	0	* AG	347	2.1	.0	10.0
J.	Rocklin MBA	150	9	0	9	* AG	1717	2.1	.0	13.5
K.	Rocklin MBD	0	9	-150	9	* AG	1462	1.3	.0	10.0
L.	Rocklin MBI	150	0	5	0	* AG	37	2.0	.0	10.0
M.	Granite NBAX	7	-750	7	-150	* AG	72	1.1	.0	10.0
N.	Granite NBDX	7	150	7	750	* AG	1081	1.1	.0	10.0
O.	Granite SBAx	-9	750	-9	150	* AG	1122	1.1	.0	11.8
P.	Granite SBDx	-9	-150	-9	-750	* AG	79	1.1	.0	10.0
Q.	Rocklin EBAx	-750	-9	-150	-9	* AG	1606	1.1	.0	13.5
R.	Rocklin EBDx	150	-9	750	-9	* AG	1932	1.1	.0	11.8
S.	Rocklin MBAX	750	9	150	9	* AG	1734	1.1	.0	13.5
T.	Rocklin MBDX	-150	9	-750	9	* AG	1462	1.1	.0	10.0

□

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III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1.	SE	14	-16
2.	NW	-16	15
3.	SW	-15	-17
4.	NE	14	17
5.	ES mbdlk	150	-16
6.	WN mbdlk	-150	15
7.	NS mbdlk	-150	-17
8.	EN mbdlk	150	17
9.	SE mbdlk	14	-150
10.	NW mbdlk	-16	150
11.	SW mbdlk	-15	-150
12.	NE mbdlk	14	150
13.	ES dlk	600	-16
14.	WN dlk	-600	15
15.	WS dlk	-600	-17
16.	EN dlk	600	17
17.	SE dlk	14	-600
18.	NW dlk	-16	600
19.	SW dlk	-15	-600
20.	NE dlk	14	600

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IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	352.	.7	.0	.2	.0	.0	.0	.0	.0	.1
2. NW	97.	.8	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	9.	.5	.0	.0	.0	.0	.0	.0	.1	.0
4. NE	257.	.7	.0	.1	.0	.0	.0	.0	.0	.0
5. ES mdbl	280.	.6	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdbl	97.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. NS mdbl	81.	.5	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdbl	282.	.7	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdbl	357.	.3	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdbl	166.	.4	.0	.0	.0	.1	.0	.1	.0	.0
11. SW mdbl	5.	.2	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdbl	192.	.5	.0	.3	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	338.	.1	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	3.	.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.3	.0	.0	.0	.0	.0	.0	.0	.0

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdbl	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdbl	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. NS mdbl	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdbl	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdbl	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdbl	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdbl	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdbl	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0

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 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALR= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (GMT)	H (M)	W (M)
A.	I-80 WB NBR *	0	-150	0	0	AG	0	1.1	.0	10.0
B.	I-80 WB NBD *	0	0	0	150	AG	0	1.1	.0	10.0
C.	I-80 WB NBL *	2	-150	0	0	AG	0	1.1	.0	10.0
D.	I-80 WB SBA *	-7	150	-7	0	AG	410	1.9	.0	10.0
E.	I-80 WB SBD *	-7	0	-7	-150	AG	1278	2.1	.0	10.0
F.	I-80 WB SBL *	-5	150	0	0	AG	111	2.0	.0	10.0
G.	Rocklin EBA *	-150	-5	0	-5	AG	1938	2.1	.0	13.5
H.	Rocklin EBD *	0	-5	150	-5	AG	1363	1.2	.0	10.0
I.	Rocklin EBL *	-150	-2	0	0	AG	0	1.1	.0	10.0
J.	Rocklin WBA *	150	7	0	7	AG	1336	1.8	.0	10.0
K.	Rocklin WBD *	0	7	-150	0	AG	1743	1.4	.0	10.0
L.	Rocklin WBL *	150	5	0	0	AG	589	2.1	.0	10.0
M.	I-80 WB NBRX *	0	-750	0	-150	AG	0	1.1	.0	10.0
N.	I-80 WB NBDX *	0	150	0	750	AG	0	1.1	.0	10.0
O.	I-80 WB SBRX *	-7	750	-7	150	AG	521	1.1	.0	10.0
P.	I-80 WB SBDX *	-7	-150	-7	-750	AG	1278	1.1	.0	10.0
Q.	Rocklin EBRX *	-750	-5	-150	-5	AG	1938	1.1	.0	13.5
R.	Rocklin EBDX *	150	-5	750	-5	AG	1363	1.1	.0	10.0
S.	Rocklin WBRX *	750	7	150	7	AG	1925	1.1	.0	10.0
T.	Rocklin WBDX *	-150	7	-750	7	AG	1743	1.1	.0	10.0

□

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 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1.	SE	7	-12 1.8
2.	NW	-14	14 1.8
3.	SW	-14	-14 1.8
4.	NE	7	14 1.8
5.	ES mdbl	150	-12 1.8
6.	WN mdbl	-150	14 1.8
7.	WS mdbl	-150	-14 1.8
8.	EN mdbl	150	14 1.8
9.	SE mdbl	7	-150 1.8
10.	NW mdbl	-14	150 1.8
11.	SW mdbl	-14	-150 1.8
12.	NE mdbl	7	150 1.8
13.	ES blk	600	-12 1.8
14.	WN blk	-600	14 1.8
15.	WS blk	-600	-14 1.8
16.	EN blk	600	14 1.8
17.	SE blk	7	-600 1.8
18.	SW blk	-14	600 1.8
19.	NW blk	-14	-600 1.8
20.	NE blk	7	600 1.8



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I. SITE VARIABLES

U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIKH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALP= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A.	I-80 EB NBR *	9	-150	9	0	AG	625	2.1	.0	13.5
B.	I-80 EB NBD *	9	0	9	150	AG	445	1.2	.0	10.0
C.	I-80 EB NBL *	5	-150	0	0	AG	559	2.1	.0	10.0
D.	I-80 EB SBA *	0	150	0	0	AG	0	1.1	.0	10.0
E.	I-80 EB SBD *	0	0	0	-150	AG	0	1.1	.0	10.0
F.	I-80 EB SBL *	-2	150	0	0	AG	0	1.1	.0	10.0
G.	Rocklin EBA *	-150	-7	0	-7	AG	1042	1.1	.0	10.0
H.	Rocklin EBD *	0	0	150	-7	AG	1666	1.4	.0	10.0
I.	Rocklin EBL *	-150	-5	0	0	AG	320	2.1	.0	10.0
J.	Rocklin WBA *	150	5	0	5	AG	1493	1.6	.0	13.5
K.	Rocklin WBD *	0	5	-150	5	AG	1928	1.2	.0	11.8
L.	Rocklin WBL *	150	2	0	0	AG	0	1.1	.0	10.0
M.	I-80 EB NBRX *	9	-750	9	-150	AG	1184	1.1	.0	13.5
N.	I-80 EB NBDX *	9	150	9	750	AG	445	1.1	.0	10.0
O.	I-80 EB SBRX *	0	750	0	150	AG	0	1.1	.0	10.0
P.	I-80 EB SBDX *	0	-150	0	-750	AG	0	1.1	.0	10.0
Q.	Rocklin EBRX *	-750	-7	-150	-7	AG	1362	1.1	.0	10.0
R.	Rocklin EBDX *	150	-7	750	-7	AG	1666	1.1	.0	10.0
S.	Rocklin EBRX *	750	5	150	5	AG	1493	1.1	.0	13.5
T.	Rocklin WBDX *	-150	5	-750	5	AG	1928	1.1	.0	11.8

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1.	SE	17	-14
2.	NW	-7	13
3.	SW	-7	-14
4.	NE	15	14
5.	ES mdblk	150	-14
6.	WN mdblk	-150	13
7.	WS mdblk	-150	-14
8.	EN mdblk	150	14
9.	SE mdblk	17	-150
10.	NW mdblk	-7	150
11.	SW mdblk	-7	-150
12.	NE mdblk	15	150
13.	ES blk	600	-14
14.	WN blk	-600	13
15.	WS blk	-600	-14
16.	EN blk	600	14
17.	SE blk	17	-600
18.	NW blk	-7	600
19.	SW blk	-7	-600
20.	NE blk	15	600

JOB: Rocklin Commons  
 RUN: 2025 NP no D (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

JOB: Rocklin Commons  
RUN: 2025 np no D  
POLLUTANT: Carbon Monoxide  
(WORST CASE ANGLE)

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	* BRG * (DEG)	* PRED * CONC * (PPM)	A	B	C	CONC/LINK (PPM)									
						D	E	F	G	H					
1. SE	* 278 *	* 6 *	.0	.0	.0	.0	.0	.0	.2	.0					
2. NW	* 171 *	* 5 *	.0	.0	.1	.0	.0	.0	.0	.0					
3. SW	* 82 *	* 6 *	.0	.0	.0	.0	.0	.0	.0	.3					
4. NE	* 261 *	* 5 *	.0	.0	.0	.0	.0	.0	.0	.0					
5. ES mbdlk	* 277 *	* 5 *	.0	.0	.0	.0	.0	.0	.0	.3					
6. WN mbdlk	* 98 *	* 5 *	.0	.0	.0	.0	.0	.0	.0	.0					
7. WS mbdlk	* 82 *	* 5 *	.0	.0	.0	.0	.0	.0	.2	.0					
8. EN mbdlk	* 262 *	* 5 *	.0	.0	.0	.0	.0	.0	.0	.0					
9. SE mbdlk	* 348 *	* 3 *	.2	.0	.0	.0	.0	.0	.0	.0					
10. NW mbdlk	* 176 *	* 2 *	.0	.0	.0	.0	.0	.0	.0	.0					
11. SW mbdlk	* 12 *	* 3 *	.0	.0	.1	.0	.0	.0	.0	.0					
12. NE mbdlk	* 185 *	* 2 *	.0	.0	.0	.0	.0	.0	.0	.0					
13. ES bdk	* 277 *	* 4 *	.0	.0	.0	.0	.0	.0	.0	.0					
14. WN bdk	* 97 *	* 5 *	.0	.0	.0	.0	.0	.0	.0	.0					
15. WS bdk	* 83 *	* 4 *	.0	.0	.0	.0	.0	.0	.0	.0					
16. EN bdk	* 263 *	* 4 *	.0	.0	.0	.0	.0	.0	.0	.0					
17. SE bdk	* 354 *	* 2 *	.0	.0	.0	.0	.0	.0	.0	.0					
18. NW bdk	* 175 *	* 0 *	.0	.0	.0	.0	.0	.0	.0	.0					
19. SW bdk	* 7 *	* 2 *	.0	.0	.0	.0	.0	.0	.0	.0					
20. NE bdk	* 185 *	* 1 *	.0	.0	.0	.0	.0	.0	.0	.0					

JOB: Rocklin Commons  
RUN: 2025 np no D  
POLLUTANT: Carbon Monoxide  
(WORST CASE ANGLE)

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

RECEPTOR	* BRG * (DEG)	* PRED * CONC * (PPM)	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	* 278 *	* 6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	* 171 *	* 5 *	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	* 82 *	* 6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	* 261 *	* 5 *	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	* 277 *	* 5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	* 98 *	* 5 *	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	* 82 *	* 5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	* 262 *	* 5 *	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	* 348 *	* 3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	* 176 *	* 2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	* 12 *	* 3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	* 185 *	* 2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES bdk	* 277 *	* 4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	* 97 *	* 5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	* 83 *	* 4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bdk	* 263 *	* 4 *	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1
17. SE bdk	* 354 *	* 2 *	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
18. NW bdk	* 175 *	* 0 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW bdk	* 7 *	* 2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bdk	* 185 *	* 1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0



JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLMS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 V= 20= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A.	Domingue NBR *	9	-150	9	0	* AG	145	1.5	.0	13.5
B.	Domingue NBD *	9	0	9	150	* AG	167	1.2	.0	11.8
C.	Domingue NBI *	5	-150	0	0	* AG	39	2.0	.0	10.0
D.	Domingue SBA *	-9	150	-9	0	* AG	370	1.5	.0	13.5
E.	Domingue SHD *	-9	0	-9	-150	* AG	239	1.2	.0	11.8
F.	Domingue SHI *	-5	150	0	0	* AG	81	2.0	.0	10.0
G.	Pacific EBA *	-150	-7	0	-7	* AG	782	2.1	.0	10.0
H.	Pacific EBD *	0	-7	150	-7	* AG	899	1.8	.0	10.0
I.	Pacific EBI *	-150	-5	0	0	* AG	68	2.0	.0	10.0
J.	Pacific WBA *	150	7	0	7	* AG	552	2.1	.0	10.0
K.	Pacific WBD *	0	7	-150	7	* AG	785	2.1	.0	10.0
L.	Pacific WBI *	150	5	0	0	* AG	53	2.0	.0	10.0
M.	Domingu NBRX *	9	-750	9	-150	* AG	184	1.1	.0	13.5
N.	Domingu NBDX *	9	150	9	750	* AG	167	1.1	.0	11.8
O.	Domingu SBRX *	-9	750	-9	150	* AG	451	1.1	.0	13.5
P.	Domingu SBDX *	-9	-150	-9	-750	* AG	239	1.1	.0	11.8
Q.	Pacific EBRX *	-750	-7	-150	-7	* AG	850	1.1	.0	10.0
R.	Pacific EBDX *	150	-7	750	-7	* AG	899	1.1	.0	10.0
S.	Pacific WBRX *	750	7	150	7	* AG	605	1.1	.0	10.0
T.	Pacific WBDX *	-150	7	-750	7	* AG	785	1.1	.0	10.0

□

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z	
1.	SE	17	-14	1.8
2.	NW	-17	14	1.8
3.	SW	-16	-14	1.8
4.	NE	16	14	1.8
5.	ES meblk *	150	-14	1.8
6.	WN meblk *	-150	14	1.8
7.	NS meblk *	-150	-14	1.8
8.	EW meblk *	150	14	1.8
9.	SE meblk *	17	-150	1.8
10.	NW meblk *	-17	150	1.8
11.	SW meblk *	-16	-150	1.8
12.	NE meblk *	16	150	1.8
13.	ES blk *	600	-14	1.8
14.	WN blk *	-600	14	1.8
15.	WS blk *	-600	-14	1.8
16.	EN blk *	600	14	1.8
17.	SE blk *	17	-600	1.8
18.	NW blk *	-17	600	1.8
19.	SW blk *	-16	-600	1.8
20.	NE blk *	16	600	1.8



JOB: Rocklin Commons  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLASS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 RMB= .0 PPX  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	R (M)
A. Granite NBA	7	-150	7	0	AG	5390	2.1	.0	10.0
B. Granite NBD	7	0	7	150	AG	5519	1.5	.0	10.0
C. Granite NBL	5	-150	0	0	AG	80	2.0	.0	10.0
D. Granite SBA	-5	150	-5	0	AG	462	1.5	.0	13.5
E. Granite SBD	-5	0	-5	-150	AG	529	1.2	.0	11.8
F. Granite SBL	-2	150	0	0	AG	0	1.1	.0	10.0
G. Domingue EBA	-150	-7	0	-7	AG	136	1.9	.0	10.0
H. Domingue EBD	0	-7	150	-7	AG	0	1.1	.0	10.0
I. Domingue EBL	-150	0	0	0	AG	129	2.0	.0	10.0
J. Domingue EBA	150	0	0	0	AG	0	1.1	.0	10.0
K. Domingue WBA	0	0	-150	0	AG	149	1.2	.0	10.0
L. Domingue WBL	150	2	0	0	AG	0	1.1	.0	10.0
M. Granite NBA	7	-750	7	-150	AG	5470	1.1	.0	10.0
N. Granite NBD	7	150	7	750	AG	5519	1.1	.0	10.0
O. Granite SBA	-5	750	-5	150	AG	462	1.1	.0	13.5
P. Granite SBD	-5	150	-5	-750	AG	529	1.1	.0	11.8
Q. Domingue EBA	-750	-7	-150	-7	AG	265	1.1	.0	10.0
R. Domingue EBD	150	-7	750	-7	AG	0	1.1	.0	10.0
S. Domingue EBL	750	0	150	0	AG	0	1.1	.0	10.0
T. Domingue WBA	-150	0	-750	0	AG	149	1.1	.0	10.0

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JOB: Rocklin Commons  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. SE	14	-14	1.8
2. NW	-14	7	1.8
3. SW	-13	-14	1.8
4. NE	14	7	1.8
5. ES mbdlk	150	-14	1.8
6. WN mbdlk	-150	7	1.8
7. RS mbdlk	-150	-14	1.8
8. EN mbdlk	150	7	1.8
9. SE mbdlk	-14	-150	1.8
10. NW mbdlk	14	150	1.8
11. SW mbdlk	-13	-150	1.8
12. NE mbdlk	14	150	1.8
13. ES dlk	600	-14	1.8
14. WN dlk	-600	7	1.8
15. WS dlk	-600	-14	1.8
16. EN dlk	600	7	1.8
17. SE dlk	14	-600	1.8
18. NW dlk	-14	600	1.8
19. SW dlk	-13	-600	1.8
20. NE dlk	14	600	1.8



JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES  
 U= .5 M/S Z0= 100. CM ALT= 76. (M)  
 BRG= WORST CASE VD= .0 CM/S  
 CLAS= 7 (G) VS= .0 CM/S  
 MIXH= 1000. M AMB= .0 PPM  
 SIGTH= 10. DEGREES TEMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MT)	H (M)	W (M)
A.	Sierra C NBA	9	-150	9	0	* AG	1451	1.9	.0	13.5
B.	Sierra C NBD	9	0	9	150	* AG	1529	1.3	.0	10.0
C.	Sierra C NBL	5	-150	0	0	* AG	202	2.1	.0	10.0
D.	Sierra C SBA	-9	150	-9	0	* AG	954	1.6	.0	13.5
E.	Sierra C SBD	-9	0	-9	-150	* AG	1380	1.2	.0	10.0
F.	Sierra C SBL	-5	150	0	0	* AG	29	2.0	.0	10.0
G.	Taylor R EBA	-150	-7	0	-7	* AG	647	2.1	.0	10.0
H.	Taylor R EBD	0	-7	150	-7	* AG	683	2.1	.0	10.0
I.	Taylor R EBL	-150	-5	0	0	* AG	302	2.1	.0	10.0
J.	Taylor R MBA	150	7	0	7	* AG	324	2.1	.0	10.0
K.	Taylor R MBD	0	7	-150	7	* AG	629	2.1	.0	10.0
L.	Taylor R MBL	150	5	0	0	* AG	312	2.1	.0	10.0
M.	Sierra NBDX	9	-750	9	-150	* AG	1653	1.1	.0	13.5
N.	Sierra NBDX	9	150	9	750	* AG	1529	1.1	.0	10.0
O.	Sierra SBDX	-9	750	-9	150	* AG	983	1.1	.0	13.5
P.	Sierra SBDX	-9	-150	-9	-750	* AG	1380	1.1	.0	10.0
Q.	Taylor EBDX	-750	-7	-150	-7	* AG	949	1.1	.0	10.0
R.	Taylor EBDX	150	-7	750	-7	* AG	683	1.1	.0	10.0
S.	Taylor EBDX	750	7	150	7	* AG	636	1.1	.0	10.0
T.	Taylor WBDX	-150	7	-750	7	* AG	629	1.1	.0	10.0

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JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1.	SE	17	-14
2.	NW	-17	14
3.	SW	-15	-14
4.	NE	15	14
5.	ES mbdlk	150	-14
6.	WN mbdlk	-150	14
7.	WS mbdlk	-150	-14
8.	EN mbdlk	150	14
9.	SE mbdlk	17	-150
10.	NW mbdlk	-17	150
11.	SW mbdlk	-15	-150
12.	NE mbdlk	15	150
13.	ES dlk	600	-14
14.	WN dlk	-600	14
15.	WS dlk	-600	-14
16.	EN dlk	600	14
17.	SE dlk	17	-600
18.	NW dlk	-17	600
19.	SW dlk	-15	-600
20.	NE dlk	15	600

JOB: Rocklin Commons  
 RUN: 2025 np no D (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	HRG (DEG)	PRED CONC (PPM)	A	B	C	D	E	F	G	H	CONC/LINK (PPM)
1. SE	279.	.6	.2	.0	.0	.0	.0	.0	.1	.0	.0
2. NW	169.	.5	.0	.0	.0	.0	.2	.0	.0	.0	.0
3. SW	81.	.5	.0	.0	.0	.0	.1	.0	.0	.2	.0
4. NE	187.	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblK	277.	.4	.0	.0	.0	.0	.0	.0	.0	.2	.0
6. WN mdblK	98.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	82.	.4	.0	.0	.0	.0	.0	.0	.2	.0	.0
8. EN mdblK	282.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	391.	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	172.	.4	.0	.0	.0	.2	.0	.0	.0	.0	.0
11. SW mdblK	9.	.5	.0	.0	.0	.0	.2	.0	.0	.0	.0
12. NE mdblK	187.	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0
13. ES dlK	276.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlK	96.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlK	84.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlK	264.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlK	353.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dlK	173.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW dlK	7.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dlK	187.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 np no D (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES dlK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlK	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0
18. NW dlK	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
19. SW dlK	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
20. NE dlK	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES

U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VRH	EF	H	W
A.	Sierra C NBA	7	-150	7	0	AG	1352	1.6	.0	17.0
B.	Sierra C NBD	7	0	7	150	AG	1393	1.2	.0	15.3
C.	Sierra C NBI	2	-150	0	0	AG	0	1.1	.0	10.0
D.	Sierra C SBA	-11	150	-11	0	AG	1017	1.5	.0	17.0
E.	Sierra C SBD	-11	0	-11	-150	AG	1236	1.2	.0	15.3
F.	Sierra C SBI	-5	150	0	0	AG	314	2.1	.0	10.0
G.	Brace Rd EBA	-150	-2	0	-2	AG	87	1.9	.0	10.0
H.	Brace Rd EBD	0	0	-2	150	AG	559	2.0	.0	10.0
I.	Brace Rd EBI	-150	-2	0	0	AG	0	1.1	.0	10.0
J.	Brace Rd MBA	150	5	0	5	AG	286	1.9	.0	10.0
K.	Brace Rd MBD	0	5	-150	0	AG	0	1.1	.0	10.0
L.	Brace Rd MBI	150	5	0	0	AG	132	2.0	.0	10.0
M.	Sierra NBA	7	-750	7	-150	AG	1352	1.1	.0	15.0
N.	Sierra NBD	7	150	7	750	AG	1393	1.1	.0	15.3
O.	Sierra SBA	-11	750	-11	150	AG	1331	1.1	.0	17.0
P.	Sierra SBD	-11	-150	-11	-750	AG	1236	1.1	.0	15.3
Q.	Brace R EBA	-750	-2	-150	-2	AG	87	1.1	.0	10.0
R.	Brace R EBD	150	-2	750	-2	AG	559	1.1	.0	10.0
S.	Brace R EBI	750	5	150	5	AG	418	1.1	.0	10.0
T.	Brace R MBD	-150	5	-750	5	AG	0	1.1	.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1.	SE	17	-8
2.	NW	-21	12
3.	SW	-20	-8
4.	NE	16	12
5.	ES mdbl	150	-8
6.	WN mdbl	-150	12
7.	WS mdbl	-150	-8
8.	EN mdbl	150	12
9.	SE mdbl	17	-150
10.	NW mdbl	-21	150
11.	SW mdbl	-20	-150
12.	NE mdbl	16	150
13.	ES blk	600	-8
14.	WN blk	-600	12
15.	WS blk	-600	-8
16.	EN blk	600	12
17.	SE blk	17	-600
18.	NW blk	-21	600
19.	SW blk	-20	-600
20.	NE blk	16	600

JOB: Rocklin Commons  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

JOB: Rocklin Commons  
 RUN: 2025 np no D (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRD CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	390.	.5	.0	.2	.0	.0	.0	.0	.0	.0
2. NW	97.	.4	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	83.	.4	.0	.0	.0	.0	.0	.0	.0	.1
4. NE	188.	.5	.2	.0	.0	.0	.0	.0	.0	.2
5. ES mdblk	280.	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	93.	.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	87.	.2	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	359.	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	.4	.2	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	171.	.4	.0	.0	.0	.2	.0	.0	.0	.0
11. SW mdblk	8.	.4	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mdblk	188.	.4	.0	.2	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	92.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	87.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.3	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 np no D (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0



JOB: Rocklin Commons  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 V0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VBH	EF (G/MT)	H (M)	W (M)
A.	Sierra C NBA	11	-150	11	0	* AG	1132	1.5	.0	17.0
B.	Sierra C NBD	11	0	11	150	* AG	1364	1.2	.0	15.3
C.	Sierra C NBL	5	-150	0	0	* AG	212	2.1	.0	10.0
D.	Sierra C SPA	-11	150	-11	0	* AG	1178	1.5	.0	17.0
E.	Sierra C SBL	-11	0	-11	-150	* AG	1541	1.2	.0	15.3
F.	Sierra C SBA	-5	150	0	0	* AG	173	2.0	.0	10.0
G.	Granite EBA	-150	-9	0	-9	* AG	445	2.1	.0	13.5
H.	Granite EBD	0	-9	150	-9	* AG	274	1.3	.0	10.0
I.	Granite EBL	-150	-5	0	0	* AG	264	2.1	.0	10.0
J.	Granite WBA	150	7	0	7	* AG	57	1.9	.0	10.0
K.	Granite WBD	0	7	-150	7	* AG	393	1.4	.0	10.0
L.	Granite WBL	150	5	0	0	* AG	111	2.0	.0	10.0
M.	Sierra NBL	11	-750	11	-150	* AG	1344	1.1	.0	17.0
N.	Sierra NBD	11	150	11	750	* AG	1364	1.1	.0	15.3
O.	Sierra NBL	-11	750	-11	150	* AG	1351	1.1	.0	17.0
P.	Sierra SBL	-11	-150	-11	-750	* AG	1541	1.1	.0	15.3
Q.	Granite EBA	-750	-9	-150	-9	* AG	709	1.1	.0	13.5
R.	Granite EBD	150	-9	-750	-9	* AG	274	1.1	.0	10.0
S.	Granite EBL	750	-7	150	-7	* AG	168	1.1	.0	10.0
T.	Granite WBL	-150	7	-750	7	* AG	393	1.1	.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z	
1.	SE	21	-15	1.8
2.	NW	-21	14	1.8
3.	SW	-20	-17	1.8
4.	NE	20	14	1.8
5.	ES mdbl	150	-15	1.8
6.	WN mdbl	-150	14	1.8
7.	WS mdbl	-150	-17	1.8
8.	EN mdbl	150	14	1.8
9.	SE mdbl	21	-150	1.8
10.	NW mdbl	-21	150	1.8
11.	SW mdbl	-20	-150	1.8
12.	NE mdbl	20	150	1.8
13.	ES dlk	600	-15	1.8
14.	WN dlk	-600	14	1.8
15.	WS dlk	-600	-17	1.8
16.	EN dlk	600	14	1.8
17.	SE dlk	21	-600	1.8
18.	NW dlk	-21	600	1.8
19.	SW dlk	-20	-600	1.8
20.	NE dlk	20	600	1.8

JOB: Rocklin Commons  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

JOB: Rocklin Commons  
 RUN: 2025 np no D (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	277.	.4	.0	.0	.0	.0	.0	.0	.1	.0
2. NW	170.	.4	.0	.0	.0	.0	.2	.0	.0	.0
3. SW	8.	.5	.0	.0	.0	.2	.0	.0	.0	.0
4. NE	188.	.4	.2	.0	.0	.0	.0	.0	.0	.0
5. ES mdblK	275.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	101.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	80.	.3	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblK	264.	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	351.	.4	.2	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	172.	.4	.0	.0	.0	.2	.0	.0	.0	.0
11. SW mdblK	8.	.4	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mdblK	188.	.4	.0	.2	.0	.0	.0	.0	.0	.0
13. ES b1K	275.	.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN b1K	97.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS b1K	84.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN b1K	265.	.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE b1K	353.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW b1K	173.	.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW b1K	7.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE b1K	187.	.3	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 np no D (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES b1K	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN b1K	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS b1K	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
16. EN b1K	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE b1K	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW b1K	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
19. SW b1K	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
20. NE b1K	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLASS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A.	Sierra C NBA *	11	-150	11	0	* AG	1371	1.6	.0	17.0
B.	Sierra C NBD *	11	0	11	150	* AG	1266	1.2	.0	13.5
C.	Sierra C NBL *	5	-150	0	0	* AG	0	1.1	.0	10.0
D.	Sierra C SBA *	-7	150	-7	0	* AG	1532	1.7	.0	17.0
E.	Sierra C SBD *	-7	0	-7	-150	* AG	2052	1.2	.0	13.5
F.	Sierra C SBL *	-2	150	0	0	* AG	0	1.1	.0	10.0
G.	I-80 WB EBA *	-150	-5	0	-5	* AG	0	1.1	.0	10.0
H.	I-80 WB EBL *	0	-5	150	-5	* AG	393	1.2	.0	10.0
I.	I-80 WB EBA *	-150	-5	0	0	* AG	0	1.1	.0	10.0
J.	I-80 WB WBA *	150	12	0	12	* AG	288	1.9	.0	13.5
K.	I-80 WB WBD *	0	12	-150	12	* AG	0	1.1	.0	11.8
L.	I-80 WB WBL *	150	9	0	0	* AG	520	2.1	.0	10.0
M.	Sierra NBAX *	11	-750	11	-150	* AG	1371	1.1	.0	17.0
N.	Sierra NBAX *	11	150	11	750	* AG	1266	1.1	.0	13.5
O.	Sierra SBAX *	-7	750	-7	150	* AG	1532	1.1	.0	17.0
P.	Sierra SBDX *	-7	-150	-7	-750	* AG	2052	1.1	.0	13.5
Q.	I-80 WB EBAX *	-750	-5	-150	-5	* AG	0	1.1	.0	10.0
R.	I-80 WB EBAX *	150	-5	750	-5	* AG	393	1.1	.0	10.0
S.	I-80 WB WBAX *	750	12	150	12	* AG	808	1.1	.0	13.5
T.	I-80 WB WBDX *	-150	12	-750	12	* AG	0	1.1	.0	11.8

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. SE	21	-12	1.8
2. NW	-17	20	1.8
3. SW	-15	-12	1.8
4. NE	19	21	1.8
5. ES mdblK *	150	-12	1.8
6. WN mdblK *	-150	20	1.8
7. WS mdblK *	-150	-12	1.8
8. EN mdblK *	150	21	1.8
9. SE mdblK *	21	-150	1.8
10. NW mdblK *	-17	150	1.8
11. SW mdblK *	-15	-150	1.8
12. NE mdblK *	19	150	1.8
13. ES dlK *	600	-12	1.8
14. WN dlK *	-600	20	1.8
15. WS dlK *	-600	-12	1.8
16. EN dlK *	600	21	1.8
17. SE dlK *	21	-600	1.8
18. NW dlK *	-17	600	1.8
19. SW dlK *	-15	-600	1.8
20. NE dlK *	19	600	1.8

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	350.	.4	.0	.1	.0	.0	.0	.0	.0	.0
2. NW	171.	.4	.0	.0	.0	.2	.0	.0	.0	.0
3. SW	172.	.4	.0	.0	.0	.3	.0	.0	.0	.0
4. NE	188.	.5	.2	.0	.0	.0	.0	.0	.0	.0
5. ES mdblK	284.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	94.	.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	87.	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	255.	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	352.	.4	.2	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	172.	.5	.0	.0	.0	.3	.0	.0	.0	.0
11. SW mdblK	9.	.5	.0	.0	.0	.0	.3	.0	.0	.0
12. NE mdblK	187.	.4	.0	.2	.0	.0	.0	.0	.0	.0
13. ES dLk	277.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dLk	92.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dLk	89.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dLk	263.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dLk	353.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dLk	173.	.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW dLk	7.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dLk	187.	.3	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES dLk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dLk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dLk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dLk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dLk	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW dLk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
19. SW dLk	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0
20. NE dLk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 RP no D  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES

U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 20= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MT)	H (M)	W (M)
A.	Sierra C NBR	9	-150	9	0	AG	1708	1.6	.0	20.5
B.	Sierra C NBD	9	0	9	150	AG	1947	1.2	.0	17.0
C.	Sierra C NBL	2	-150	0	0	AG	0	1.1	.0	10.0
D.	Sierra C SBA	-12	150	-12	0	AG	1610	2.1	.0	13.5
E.	Sierra C SBD	-12	0	-12	0	AG	1513	1.3	.0	10.0
F.	Sierra C SBL	-9	150	0	0	AG	213	2.0	.0	10.0
G.	I-90 EB EBA	-150	-12	0	-12	AG	263	1.9	.0	13.5
H.	I-90 EB EBD	0	-12	150	-12	AG	657	1.3	.0	10.0
I.	I-90 EB EBL	-150	-9	0	0	AG	155	2.0	.0	10.0
J.	I-90 EB WBA	150	0	7	7	AG	323	1.9	.0	10.0
K.	I-90 EB WBD	0	7	-150	0	AG	385	1.2	.0	10.0
L.	I-90 EB WBL	150	5	0	0	AG	230	2.1	.0	10.0
M.	Sierra NBR	9	-750	9	-150	AG	1708	1.1	.0	20.5
N.	Sierra NBD	9	150	9	750	AG	1947	1.1	.0	17.0
O.	Sierra SBR	-12	150	-12	150	AG	1823	1.1	.0	13.5
P.	Sierra SBD	-12	-150	-12	-150	AG	1513	1.1	.0	10.0
Q.	I-80 EB EBR	-750	-12	-150	-12	AG	418	1.1	.0	13.5
R.	I-80 EB EBD	150	-12	150	-12	AG	657	1.1	.0	10.0
S.	I-80 EB EBL	750	7	150	7	AG	553	1.1	.0	10.0
T.	I-80 EB WBR	-150	7	-750	7	AG	385	1.1	.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z	
1.	SE	21	-19	1.8
2.	NW	-21	14	1.8
3.	SW	-19	-21	1.8
4.	NE	19	14	1.8
5.	ES mdbl	150	-19	1.8
6.	WN mdbl	-150	14	1.8
7.	WS mdbl	-150	-21	1.8
8.	EN mdbl	150	14	1.8
9.	SE mdbl	21	-150	1.8
10.	NW mdbl	-21	150	1.8
11.	SW mdbl	-19	-150	1.8
12.	NE mdbl	19	150	1.8
13.	ES blk	600	-19	1.8
14.	WN blk	-600	14	1.8
15.	WS blk	-21	-600	1.8
16.	EN blk	600	14	1.8
17.	SE blk	21	-600	1.8
18.	NW blk	-21	600	1.8
19.	SW blk	-19	-600	1.8
20.	NE blk	19	600	1.8

JOB: Rocklin Commons  
 RUN: 2025 RP no D  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

JOB: Rocklin Commons  
 RUN: 2025 np no D (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	349.	.5	.0	.2	.0	.0	.0	.0	.0	.0
2. NW	9.	.6	.0	.0	.0	.4	.0	.0	.0	.0
3. SW	7.	.6	.0	.0	.0	.3	.0	.0	.0	.0
4. NE	187.	.5	.3	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	279.	.3	.0	.0	.0	.0	.0	.0	.1	.0
6. WN mdblk	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	82.	.2	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	262.	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	.5	.3	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	171.	.6	.0	.0	.0	.4	.0	.0	.0	.0
11. SW mdblk	7.	.5	.0	.0	.0	.3	.0	.0	.0	.0
12. NE mdblk	189.	.5	.0	.3	.0	.0	.0	.0	.0	.0
13. ES bldk	277.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bldk	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bldk	84.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bldk	264.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bldk	353.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW bldk	173.	.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW bldk	7.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bldk	187.	.4	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 np no D (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES bldk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bldk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bldk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bldk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bldk	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW bldk	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
19. SW bldk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
20. NE bldk	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES

U= .5 M/S 20= 100. CM  
 BRG= WORST CASE VD= .0 CM/S ALT= 76. (M)  
 CLAS= 7 (G) VS= .0 CM/S  
 MIXH= 1000. M AMB= .0 PPM  
 SIGMH= 10. DEGREES TEMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MT)	H (M)	W (M)
A. Sierra C NBA	7	-150	7	0	* AG	1627	1.6	.0	17.0
B. Sierra C NBD	7	0	7	150	* AG	1615	1.2	.0	15.3
C. Sierra C NBL	2	-150	0	0	* AG	0	1.1	.0	10.0
D. Sierra C SBA	-9	150	-9	0	* AG	1249	1.6	.0	13.5
E. Sierra C SBD	-9	0	-9	-150	* AG	1710	1.2	.0	13.5
F. Sierra C SBL	-5	150	0	0	* AG	253	2.1	.0	10.0
G. Domingue EBA	-150	0	0	0	* AG	0	1.1	.0	10.0
H. Domingue EBD	0	0	150	0	* AG	378	1.4	.0	10.0
I. Domingue EBL	-150	-2	0	0	* AG	0	1.1	.0	10.0
J. Domingue MBA	150	11	0	11	* AG	113	1.9	.0	10.0
K. Domingue MBL	0	11	-150	0	* AG	0	1.1	.0	10.0
L. Domingue WBL	150	9	0	0	* AG	461	2.1	.0	10.0
M. Sierra NMAX	7	-750	7	-150	* AG	1627	1.1	.0	17.0
N. Sierra NBDX	7	150	7	750	* AG	1615	1.1	.0	15.3
O. Sierra SBAX	-9	750	-9	150	* AG	1502	1.1	.0	13.5
P. Sierra SBDX	-9	-150	-9	-750	* AG	1710	1.1	.0	13.5
Q. Domingue EBAX	-750	0	-150	0	* AG	0	1.1	.0	10.0
R. Domingue EBDX	150	0	750	0	* AG	378	1.1	.0	10.0
S. Domingue MBAX	750	11	150	11	* AG	574	1.1	.0	10.0
T. Domingue WBDX	-150	11	-750	11	* AG	0	1.1	.0	10.0

□

JOB: Rocklin Commons  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

III. RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	COORDINATES (M)
1. SE	17	-7	1.8	
2. NW	-17	17	1.8	
3. SW	-17	-7	1.8	
4. NE	16	17	1.8	
5. ES meblk	150	-7	1.8	
6. WN meblk	-150	17	1.8	
7. WS meblk	-150	-7	1.8	
8. EN meblk	150	17	1.8	
9. SE meblk	17	-150	1.8	
10. NW meblk	-17	150	1.8	
11. SW meblk	-17	-150	1.8	
12. NE meblk	16	150	1.8	
13. ES blk	600	-7	1.8	
14. WS blk	-600	17	1.8	
15. WN blk	-600	-7	1.8	
16. EN blk	600	17	1.8	
17. SE blk	17	-600	1.8	
18. NW blk	-17	600	1.8	
19. SW blk	-17	-600	1.8	
20. NE blk	16	600	1.8	

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PREDCONC (PPM)	A	B	C	D	E	F	G	H
1. SE	350.	.5	.0	.2	.0	.0	.0	.0	.0	.0
2. NW	172.	.4	.0	.0	.0	.0	.2	.0	.0	.0
3. SW	83.	.4	.0	.0	.0	.0	.1	.0	.0	.0
4. NE	188.	.5	.2	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	291.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	93.	.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	87.	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	257.	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	352.	.5	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	172.	.5	.0	.0	.0	.3	.0	.0	.0	.0
11. SW mbdlk	8.	.5	.0	.0	.0	.2	.0	.0	.0	.0
12. NE mbdlk	187.	.4	.0	.2	.0	.0	.0	.0	.0	.0
13. ES bdk	276.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	91.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	89.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bdk	264.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	353.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW bdk	173.	.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW bdk	7.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bdk	187.	.4	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 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. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW bdk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
19. SW bdk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.0	.0	.0
20. NE bdk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0



JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLASS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 20= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 ANB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A.	Sierra C NBA	14	-150	14	0	AG	1352	1.6	.0	17.0
B.	Sierra C NBD	14	0	14	150	AG	1659	1.2	.0	13.5
C.	Sierra C NBL	9	-150	0	0	AG	337	2.0	.0	10.0
D.	Sierra C SBA	-14	150	-14	0	AG	1411	1.6	.0	17.0
E.	Sierra C SBD	-14	0	-14	-150	AG	1769	1.2	.0	13.5
F.	Sierra C SBL	-9	150	0	0	AG	287	2.0	.0	10.0
G.	Sierra EBA	-150	-12	0	-12	AG	1002	2.1	.0	13.5
H.	Sierra EBD	0	-12	150	-12	AG	939	1.8	.0	10.0
I.	Sierra EBL	-150	-9	0	0	AG	351	2.0	.0	10.0
J.	Sierra EBL	150	12	0	12	AG	376	1.9	.0	13.5
K.	Sierra EBD	0	12	-150	12	AG	817	1.3	.0	11.8
L.	Sierra EBL	150	9	0	0	AG	66	2.0	.0	10.0
M.	Sierra NBDX	14	-750	14	-150	AG	1689	1.1	.0	17.0
N.	Sierra NBDX	14	150	14	750	AG	1659	1.1	.0	13.5
O.	Sierra SBAX	-14	750	-14	150	AG	1698	1.1	.0	17.0
P.	Sierra SBDX	-14	-150	-14	-750	AG	1769	1.1	.0	13.5
Q.	Sierra SBAX	-750	-12	-150	-12	AG	1353	1.1	.0	13.5
R.	Sierra EBDX	150	-12	750	-12	AG	939	1.1	.0	10.0
S.	Sierra SBAX	750	12	150	12	AG	444	1.1	.0	13.5
T.	Sierra EBDX	-150	12	-750	12	AG	817	1.1	.0	11.8

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. SE	24	-19	1.8
2. NW	-24	20	1.8
3. SW	-22	-21	1.8
4. NE	22	21	1.8
5. ES mbdlk	150	-19	1.8
6. WN mbdlk	-150	20	1.8
7. NS mbdlk	-150	-21	1.8
8. EN mbdlk	150	21	1.8
9. SE mbdlk	24	-150	1.8
10. NW mbdlk	-24	150	1.8
11. SW mbdlk	-22	-150	1.8
12. NE mbdlk	22	150	1.8
13. ES dlk	600	-19	1.8
14. WN dlk	-600	20	1.8
15. WS dlk	-600	-21	1.8
16. EN dlk	600	21	1.8
17. SE dlk	24	-600	1.8
18. NW dlk	-24	600	1.8
19. SW dlk	-22	-600	1.8
20. NE dlk	22	600	1.8

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide



JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGMH= 10. DEGREES  
 20= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VRH	EF (G/MT)	H (M)	M (M)
A. Horsesho NBA	7	-150	7	0	* AG	647	1.7	.0	10.0
B. Horsesho NBD	7	0	7	150	* AG	1220	1.3	.0	10.0
C. Horsesho NBL	5	-150	0	0	* AG	8	2.0	.0	10.0
D. Horsesho SBA	-7	150	-7	0	* AG	499	1.7	.0	10.0
E. Horsesho SBL	-7	0	-7	-150	* AG	585	1.2	.0	10.0
F. Horsesho SBL	-5	150	0	0	* AG	465	2.1	.0	10.0
G. Taylor R EBA	-150	-4	0	-4	* AG	20	1.6	.0	10.0
H. Taylor R EBD	0	-4	150	-4	* AG	586	1.2	.0	10.0
I. Taylor R EBL	-150	-2	0	0	* AG	17	2.0	.0	10.0
J. Taylor R WBA	150	5	0	5	* AG	678	1.7	.0	11.8
K. Taylor R WBD	0	5	-150	0	* AG	30	1.2	.0	10.0
L. Taylor R WBL	150	2	0	0	* AG	87	2.0	.0	10.0
M. Horsesh NBDX	7	-750	7	-150	* AG	655	1.1	.0	10.0
N. Horsesh NBDX	7	150	7	750	* AG	1220	1.1	.0	10.0
O. Horsesh SBDX	-7	750	-7	150	* AG	964	1.1	.0	10.0
P. Horsesh SBDX	-7	-150	-7	-750	* AG	585	1.1	.0	10.0
Q. Taylor EBDX	-750	-4	-150	-4	* AG	37	1.1	.0	10.0
R. Taylor EBDX	150	-4	750	-4	* AG	586	1.1	.0	10.0
S. Taylor WBDX	750	5	150	5	* AG	765	1.1	.0	11.8
T. Taylor WBDX	-150	5	-750	5	* AG	30	1.1	.0	10.0

□

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	COORDINATES (M)	2
1. SE	14	-10	1.8	
2. NW	-14	12	1.8	
3. SW	-14	-10	1.8	
4. NE	14	13	1.8	
5. ES mdblK	150	-10	1.8	
6. WN mdblK	-150	12	1.8	
7. WS mdblK	-150	-10	1.8	
8. EN mdblK	150	13	1.8	
9. SE mdblK	14	-150	1.8	
10. NW mdblK	-14	150	1.8	
11. SW mdblK	-14	-150	1.8	
12. NE mdblK	14	150	1.8	
13. ES DLK	600	-10	1.8	
14. WN DLK	-600	12	1.8	
15. WS DLK	-600	-10	1.8	
16. EN DLK	600	13	1.8	
17. SE DLK	14	-600	1.8	
18. NW DLK	-14	600	1.8	
19. SW DLK	-14	-600	1.8	
20. NE DLK	14	600	1.8	

JOB: Rocklin Commons  
 RUN: 2025 np no D (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PRD	CONC	A	B	C	D	E	F	G	H
1. SE	351.	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0
2. NW	96.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	8.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	351.	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0
5. ES mdblK	282.	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0
6. WN mdblK	92.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	87.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	260.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	355.	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	169.	.4	.0	.0	.0	.0	.1	.0	.1	.0	.0
11. SW mdblK	7.	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0
12. NE mdblK	188.	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0
13. ES bLk	277.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bLk	91.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bLk	87.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bLk	264.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bLk	354.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW bLk	173.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW bLk	6.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bLk	187.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 np no D (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	BRG (DEG)	PRD	CONC	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	351.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	96.	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	8.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	351.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblK	282.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	92.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	87.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	260.	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	355.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	169.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblK	7.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblK	188.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES bLk	277.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bLk	91.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bLk	87.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bLk	264.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bLk	354.	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
18. NW bLk	173.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
19. SW bLk	6.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
20. NE bLk	187.	.3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 76. (M)  
 BRG= WORST CASE VD= .0 CM/S  
 CLAS= 7 (G) VS= .0 CM/S  
 MIXH= 1000. M RMB= .0 PPM  
 SIGTH= 10. DEGREES TEMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MT)	H (M)	W (M)
A. Horsesho NBA	9	-150	9	0	AG	688	1.7	.0	13.5
B. Horsesho NBD	9	0	9	150	AG	636	1.2	.0	11.8
C. Horsesho NBL	5	-150	0	0	AG	163	2.0	.0	10.0
D. Horsesho SBA	-7	150	-7	0	AG	675	2.0	.0	10.0
E. Horsesho SBD	-7	0	-7	-150	AG	534	1.2	.0	10.0
F. Horsesho SBL	-5	150	0	0	AG	30	2.0	.0	11.8
G. I-80 WB EBA	-150	-5	0	-5	AG	173	1.6	.0	11.8
H. I-80 WB EBD	0	-5	150	-5	AG	271	1.1	.0	10.0
I. I-80 WB EBL	-150	-2	0	0	AG	92	2.0	.0	10.0
J. I-80 WB MBA	150	7	0	7	AG	102	1.6	.0	10.0
K. I-80 WB MBD	0	7	-150	7	AG	643	1.1	.0	10.0
L. I-80 WB MBL	150	0	5	0	AG	161	2.0	.0	10.0
M. Horsesh NBAX	9	-750	9	-150	AG	851	1.1	.0	13.5
N. Horsesh NBDX	9	150	9	750	AG	636	1.1	.0	11.8
O. Horsesh SBAX	-7	750	-7	150	AG	705	1.1	.0	10.0
P. Horsesh SBDX	-7	-150	-7	-750	AG	534	1.1	.0	10.0
Q. I-80 WB EBA	-750	-5	-150	-5	AG	265	1.1	.0	11.8
R. I-80 WB EBD	150	-5	750	-5	AG	271	1.1	.0	10.0
S. I-80 WB EBL	750	7	150	7	AG	263	1.1	.0	10.0
T. I-80 WB MBD	-150	7	-750	7	AG	643	1.1	.0	10.0

□

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. SE	17	-12	1.8
2. NW	-14	14	1.8
3. SW	-14	-13	1.8
4. NE	16	14	1.8
5. ES mbdlk	150	-12	1.8
6. EN mbdlk	-150	14	1.8
7. WS mbdlk	-150	-13	1.8
8. EW mbdlk	150	14	1.8
9. SE mbdlk	17	-150	1.8
10. NW mbdlk	-14	150	1.8
11. SW mbdlk	-14	-150	1.8
12. NE mbdlk	16	150	1.8
13. ES dlk	600	-12	1.8
14. WS dlk	-600	14	1.8
15. WS dlk	-600	-13	1.8
16. EN dlk	600	14	1.8
17. SE dlk	17	-600	1.8
18. NW dlk	-14	600	1.8
19. SW dlk	-14	-600	1.8
20. NE dlk	16	600	1.8

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PREDCONC (PPM)	A	B	C	D	E	F	G	H
1. SE	350.	.2	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	170.	.3	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	7.	.3	.0	.0	.0	.2	.0	.0	.0	.0
4. NE	187.	.3	.1	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	276.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	98.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	82.	.2	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	264.	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	352.	.3	.2	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	173.	.3	.0	.0	.0	.2	.0	.0	.0	.0
11. SW mbdlk	7.	.2	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	187.	.2	.0	.1	.0	.0	.0	.0	.0	.0
13. ES dlk	276.	.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlk	83.	.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlk	264.	.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	354.	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	174.	.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW dlk	6.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dlk	186.	.2	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	BRG (DEG)	PREDCONC (PPM)	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	350.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	170.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	7.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	187.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	276.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	98.	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	82.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	264.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	352.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	173.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	7.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	187.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES dlk	276.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlk	83.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlk	264.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	354.	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	174.	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
19. SW dlk	6.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dlk	186.	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 V= 20= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MT)	H (M)	W (M)
A. Horsesho NBA	4	-150	4	0	AG	626	1.8	.0	10.0
B. Horsesho NBD	4	0	4	150	AG	879	1.4	.0	10.0
C. Horsesho NBL	2	-150	0	0	AG	0	1.1	.0	10.0
D. Horsesho SBA	-4	150	-4	0	AG	349	1.5	.0	10.0
E. Horsesho SBL	-4	0	-4	-150	AG	460	1.2	.0	10.0
F. Horsesho EBA	-2	150	0	0	AG	120	2.0	.0	10.0
G. I-80 EB EBA	0	0	0	0	AG	0	1.1	.0	10.0
H. I-80 EB EBD	0	150	0	0	AG	228	1.2	.0	10.0
I. I-80 EB EBL	-150	0	-2	0	AG	0	1.1	.0	10.0
J. I-80 EB WBA	150	5	0	5	AG	361	2.1	.0	10.0
K. I-80 EB WBD	0	5	-150	5	AG	0	1.1	.0	10.0
L. I-80 EB WBL	150	5	0	0	AG	111	2.0	.0	10.0
M. Horsesh NBAX	4	-750	4	-150	AG	626	1.1	.0	10.0
N. Horsesh NBDX	4	150	4	750	AG	879	1.1	.0	10.0
O. Horsesh SBAX	-4	750	-4	150	AG	469	1.1	.0	10.0
P. Horsesh SBDX	-4	-150	-4	-750	AG	460	1.1	.0	10.0
Q. I-80 EB EBAX	-750	0	-150	0	AG	228	1.1	.0	10.0
R. I-80 EB EBDX	150	0	750	0	AG	472	1.1	.0	10.0
S. I-80 EB WBAX	750	5	150	5	AG	0	1.1	.0	10.0
T. I-80 EB WBDX	-150	5	-750	5	AG	0	1.1	.0	10.0

□

JOB: Rocklin Commons  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. SE	10	-7	1.8
2. NW	-10	12	1.8
3. SW	-10	-7	1.8
4. NE	10	12	1.8
5. ES meblk	150	-7	1.8
6. WN meblk	-150	12	1.8
7. RS meblk	-150	-7	1.8
8. EN meblk	150	12	1.8
9. SE meblk	10	-150	1.8
10. NW meblk	-10	150	1.8
11. SW meblk	-10	-150	1.8
12. NE meblk	10	150	1.8
13. ES dlk	600	-7	1.8
14. WN dlk	-600	12	1.8
15. WS dlk	-600	-7	1.8
16. EN dlk	600	12	1.8
17. SE dlk	10	-600	1.8
18. NW dlk	-10	600	1.8
19. SW dlk	-10	-600	1.8
20. NE dlk	10	600	1.8

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	353.	.3	.0	.2	.0	.0	.0	.0	.0	.0
2. NW	96.	.3	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	83.	.3	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	187.	.3	.1	.0	.0	.0	.0	.0	.0	.0
5. ES mdblK	282.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	92.	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	88.	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	260.	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	354.	.3	.2	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	172.	.3	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblK	7.	.2	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblK	187.	.3	.0	.2	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	90.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	89.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.2	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	353.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	96.	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	83.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	187.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblK	282.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	92.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	88.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	260.	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	354.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	172.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblK	7.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblK	187.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	89.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.2	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0



JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S                    Z0= 100. CM                    ALT= 76. (M)  
 BRG= WORST CASE            VD= .0 CM/S  
 CLAS= 7 (G)                VS= .0 CM/S  
 MIXH= 1000. M              AMB= .0 PPM  
 SIGTH= 10. DEGREES        TEMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Barton R NBA	4	-150	4	0	* AG	121	1.9	.0	10.0
B. Barton R NBD	4	0	4	150	* AG	0	1.1	.0	10.0
C. Barton R NBI	2	-150	0	0	* AG	136	2.0	.0	10.0
D. Barton R SBA	0	150	0	0	* AG	0	1.1	.0	10.0
E. Barton R SBD	0	0	-150	0	* AG	421	1.3	.0	10.0
F. Barton R SBL	-2	150	0	0	* AG	0	1.1	.0	10.0
G. Brace Rd EBA	-150	-4	0	-4	* AG	566	1.5	.0	10.0
H. Brace Rd EBD	0	-4	150	-4	* AG	469	1.2	.0	10.0
I. Brace Rd EBI	-150	-2	0	0	* AG	0	1.1	.0	10.0
J. Brace Rd MBA	150	4	0	4	* AG	214	1.5	.0	10.0
K. Brace Rd MBL	0	4	-150	0	* AG	350	1.2	.0	10.0
L. Brace Rd MBT	150	2	0	0	* AG	203	2.1	.0	10.0
M. Barton NBAX	4	-750	0	0	* AG	257	1.1	.0	10.0
N. Barton NBDX	4	150	4	750	* AG	0	1.1	.0	10.0
O. Barton SBAX	0	750	0	150	* AG	0	1.1	.0	10.0
P. Barton SBDX	0	-150	0	-750	* AG	421	1.1	.0	10.0
Q. Brace R EBA	-750	-4	-150	-4	* AG	566	1.1	.0	10.0
R. Brace R EBD	150	-4	750	-4	* AG	469	1.1	.0	10.0
S. Brace R EBI	750	4	150	4	* AG	417	1.1	.0	10.0
T. Brace R MBDX	-150	4	-750	4	* AG	350	1.1	.0	10.0

□

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. SE	10	-10	1.8
2. NW	-7	10	1.8
3. SW	-7	-10	1.8
4. NE	10	10	1.8
5. ES mbdlk	150	-10	1.8
6. WN mbdlk	-150	10	1.8
7. RS mbdlk	-150	-10	1.8
8. EN mbdlk	150	10	1.8
9. SE mbdlk	10	-150	1.8
10. NW mbdlk	-7	150	1.8
11. SW mbdlk	-7	-150	1.8
12. NE mbdlk	10	150	1.8
13. ES dlk	600	-10	1.8
14. WN dlk	-600	10	1.8
15. WS dlk	-600	-10	1.8
16. EN dlk	600	10	1.8
17. SE dlk	10	-600	1.8
18. NW dlk	-7	600	1.8
19. SW dlk	-7	-600	1.8
20. NE dlk	10	600	1.8



JOB: Rocklin Commons  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES

U= .5 M/S  
 BRG= WORST CASE  
 CLASS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 YD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALR= 76. (M)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* TYPE	VFH	EF (G/MT)	H (M)	W (M)
A. Barton R NBA	4	-150	4	0	* AG	104	1.5	.0	10.0
B. Barton R NBD	4	0	4	150	* AG	311	1.2	.0	10.0
C. Barton R NBL	2	-150	0	0	* AG	251	2.1	.0	10.0
D. Barton R SBA	-4	150	-4	0	* AG	252	1.5	.0	10.0
E. Barton R SBL	-4	0	-4	-150	* AG	665	1.2	.0	10.0
F. Barton R SBD	-2	150	0	0	* AG	0	1.1	.0	10.0
G. Rocklin EBA	-150	-5	0	-5	* AG	584	2.1	.0	10.0
H. Rocklin EBD	0	-5	0	-5	* AG	0	1.1	.0	10.0
I. Rocklin EBL	-150	0	0	0	* AG	207	2.1	.0	10.0
J. Rocklin WBA	150	0	0	0	* AG	0	1.1	.0	10.0
K. Rocklin WBL	0	0	-150	0	* AG	422	1.8	.0	10.0
L. Rocklin WBL	150	0	0	0	* AG	0	1.1	.0	10.0
M. Barton NBA	4	-750	4	-150	* AG	355	1.1	.0	10.0
N. Barton NBD	4	150	4	750	* AG	311	1.1	.0	10.0
O. Barton NBL	-4	750	-4	150	* AG	252	1.1	.0	10.0
P. Barton SBA	-4	-150	-4	-750	* AG	665	1.1	.0	10.0
Q. Rocklin EBA	-750	-5	-150	-5	* AG	791	1.1	.0	10.0
R. Rocklin EBD	150	-5	750	-5	* AG	0	1.1	.0	10.0
S. Rocklin EBL	750	0	150	0	* AG	0	1.1	.0	10.0
T. Rocklin WBA	-150	0	-750	0	* AG	422	1.1	.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	COORDINATES (M)
1. SE	10	-12	1.8	
2. NW	-10	7	1.8	
3. SW	-10	-12	1.8	
4. NE	10	7	1.8	
5. ES mdblk	150	-12	1.8	
6. WN mdblk	-150	7	1.8	
7. WS mdblk	-150	-12	1.8	
8. EN mdblk	150	7	1.8	
9. SE mdblk	10	-150	1.8	
10. NW mdblk	-10	150	1.8	
11. SW mdblk	-150	-150	1.8	
12. NE mdblk	10	150	1.8	
13. ES blk	600	-12	1.8	
14. WN blk	-600	7	1.8	
15. WS blk	-600	-12	1.8	
16. EN blk	600	7	1.8	
17. SE blk	10	-600	1.8	
18. NW blk	-10	600	1.8	
19. SW blk	-10	-600	1.8	
20. NE blk	10	600	1.8	

JOB: Rocklin Commons  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

□

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

JOB: Rocklin Commons  
RUN: 2025 np no D  
POLLUTANT: Carbon Monoxide  
(WORST CASE ANGLE)

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	CONC (PPM)	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	277.	.4	.0	.0	.0	.0	.0	.0	.0	.2	.0
2. NW	173.	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0
3. SW	278.	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0
4. NE	262.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	272.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	102.	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mbdlk	73.	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mbdlk	268.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	350.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	177.	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0
11. SW mbdlk	7.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	186.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES dlk	270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlk	84.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlk	269.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	353.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	175.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW dlk	6.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dlk	186.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

□

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

JOB: Rocklin Commons  
RUN: 2025 np no D  
POLLUTANT: Carbon Monoxide  
(WORST CASE ANGLE)

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
16. EN dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW dlk	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
20. NE dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

□

JOB: Rocklin Commons  
 RUN: 2025 NP no D  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000, M  
 SIGTH= 10. DEGREES  
 20= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VRH	EF (G/MT)	H (M)	W (M)
A.	Sierra C NBA	9	-150	9	0	AG	1092	1.6	.0	13.5
B.	Sierra C NBD	9	0	9	150	AG	1299	1.2	.0	11.8
C.	Sierra C NBI	5	-150	0	0	AG	2	2.0	.0	10.0
D.	Sierra C SBA	-9	150	-9	0	AG	754	1.5	.0	13.5
E.	Sierra C SBD	-9	0	-9	-150	AG	765	1.2	.0	11.8
F.	Sierra C SBT	-5	150	0	0	AG	359	2.1	.0	10.0
G.	King Rd. EBA	-150	-4	0	-4	AG	41	1.9	.0	10.0
H.	King Rd. EBD	0	0	0	-4	AG	468	1.3	.0	10.0
I.	King Rd. EBI	-150	-2	0	0	AG	64	2.0	.0	10.0
J.	King Rd. WBA	150	4	0	4	AG	221	1.9	.0	10.0
K.	King Rd. WBD	0	4	-150	4	AG	16	1.2	.0	10.0
L.	King Rd. WBI	150	2	0	0	AG	15	2.0	.0	10.0
M.	Sierra NBA	9	-750	9	-150	AG	1094	1.1	.0	13.5
N.	Sierra NBD	9	150	9	750	AG	1299	1.1	.0	11.8
O.	Sierra NBI	-9	750	-9	150	AG	1113	1.1	.0	13.5
P.	Sierra SBA	-9	-150	-9	-750	AG	765	1.1	.0	11.8
Q.	King Rd EBA	-750	-4	-150	-4	AG	105	1.1	.0	10.0
R.	King Rd EBD	150	-4	750	-4	AG	468	1.1	.0	10.0
S.	King Rd EBI	750	4	150	4	AG	236	1.1	.0	10.0
T.	King Rd WBA	-150	4	-750	4	AG	16	1.1	.0	10.0

□

JOB: Rocklin Commons  
 RUN: 2025 NP no D  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1.	SE	17	-10
2.	NW	-17	10
3.	SW	-16	-10
4.	NE	16	10
5.	ES rdblk	150	-10
6.	WN rdblk	-150	10
7.	NS rdblk	-150	-10
8.	EW rdblk	150	10
9.	SE rdblk	17	-150
10.	NW rdblk	-17	150
11.	SW rdblk	-16	-150
12.	NE rdblk	16	150
13.	ES blk	600	-10
14.	WN blk	-600	10
15.	NS blk	-600	-10
16.	EW blk	600	10
17.	SE blk	17	-600
18.	NW blk	-17	600
19.	SW blk	-16	-600
20.	NE blk	16	600

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PREDD CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	350.	.4	.0	.2	.0	.0	.0	.0	.0	.0
2. NW	9.	.3	.0	.0	.0	.1	.0	.0	.0	.0
3. SW	8.	.3	.0	.0	.0	.1	.0	.0	.0	.0
4. NE	187.	.4	.2	.0	.0	.0	.0	.0	.0	.0
5. ES medblk	280.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN medblk	93.	.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS medblk	85.	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. EN medblk	261.	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE medblk	353.	.4	.2	.0	.0	.0	.0	.0	.0	.0
10. NW medblk	171.	.3	.0	.0	.0	.2	.0	.0	.0	.0
11. SW medblk	7.	.3	.0	.0	.0	.0	.1	.0	.0	.0
12. NE medblk	188.	.4	.0	.2	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	92.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	87.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	177.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.3	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES medblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN medblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS medblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN medblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE medblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW medblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW medblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE medblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 nr no D  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VEH	EF (G/MT)	H (M)	W (M)
A.	Sierra C NBD	5	-150	5	0	AG	1295	1.6	.0	13.5
B.	Sierra C NBD	2	-150	0	5	AG	1355	1.2	.0	11.8
C.	Sierra C NBD	2	-150	0	0	AG	0	1.1	.0	10.0
D.	Sierra C SBA	-7	150	-7	0	AG	724	1.6	.0	10.0
E.	Sierra C SBD	-7	150	-7	-150	AG	782	1.2	.0	10.0
F.	Sierra C SBA	-5	150	0	0	AG	257	2.1	.0	10.0
G.	Sierra EBA	-150	0	0	0	AG	0	1.1	.0	10.0
H.	English EBD	0	0	150	0	AG	376	1.2	.0	10.0
I.	English EBI	-150	0	-2	0	AG	0	1.1	.0	10.0
J.	English WBA	150	0	0	4	AG	179	1.9	.0	10.0
K.	English WBD	0	0	4	-150	AG	0	1.1	.0	10.0
L.	English WBI	150	0	2	0	AG	58	2.0	.0	10.0
M.	Sierra NBD	5	-750	5	-150	AG	1295	1.1	.0	13.5
N.	Sierra NBD	5	150	5	750	AG	1355	1.1	.0	11.8
O.	Sierra SBA	-7	750	-7	150	AG	981	1.1	.0	10.0
P.	Sierra SBD	-7	150	-7	-750	AG	782	1.1	.0	10.0
Q.	English EBA	-750	0	-150	0	AG	0	1.1	.0	10.0
R.	English EBD	150	0	750	0	AG	376	1.1	.0	10.0
S.	English EBI	750	0	150	4	AG	237	1.1	.0	10.0
T.	English WBA	-150	4	-750	4	AG	0	1.1	.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z	
1.	SE	14	-7	1.8
2.	NW	-14	10	1.8
3.	SW	-14	-7	1.8
4.	NE	13	10	1.8
5.	ES rdblk	150	-7	1.8
6.	WN rdblk	-150	10	1.8
7.	WS rdblk	-150	7	1.8
8.	EN rdblk	150	10	1.8
9.	SE rdblk	14	-150	1.8
10.	NW rdblk	-14	150	1.8
11.	SW rdblk	-14	-150	1.8
12.	NE rdblk	13	150	1.8
13.	ES blk	600	-7	1.8
14.	WN blk	-600	10	1.8
15.	WS blk	-600	-7	1.8
16.	EN blk	600	10	1.8
17.	SE blk	14	-600	1.8
18.	NW blk	-14	600	1.8
19.	SW blk	-14	-600	1.8
20.	NE blk	13	600	1.8

JOB: Rocklin Commons  
 RUN: 2025 nr no D  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PREDC CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	351.	.4	.0	.2	.0	.0	.0	.0	.0	.0
2. NW	8.	.3	.0	.0	.0	.2	.0	.0	.0	.0
3. SW	8.	.3	.0	.0	.0	.2	.0	.0	.0	.0
4. NE	187.	.4	.2	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	280.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. RN mbdlk	92.	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	88.	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	260.	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	353.	.4	.3	.0	.0	.2	.0	.0	.0	.0
10. NW mbdlk	172.	.4	.0	.0	.0	.2	.0	.0	.0	.0
11. SW mbdlk	7.	.3	.0	.0	.0	.1	.0	.0	.0	.0
12. NE mbdlk	187.	.4	.0	.2	.0	.0	.0	.0	.0	.0
13. ES dlk	276.	.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	90.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlk	89.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlk	264.	.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	354.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	173.	.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW dlk	7.	.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dlk	186.	.3	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. RN mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
19. SW dlk	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
20. NE dlk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0



JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLASS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMP= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	R (M)
A. Taylor R NEA *	9	-150	9	0	AG	561	1.5	.0	13.5
B. Taylor R NBD *	9	0	9	150	AG	554	1.2	.0	11.8
C. Taylor R NBL *	5	-150	0	0	AG	344	2.1	.0	10.0
D. Taylor R SBA *	-9	150	-9	0	AG	240	1.5	.0	13.5
E. Taylor R SBL *	-9	0	-9	-150	AG	614	1.2	.0	11.8
F. Taylor R SBA *	-5	150	0	0	AG	94	2.0	.0	10.0
G. King Rd. EBA *	-7	-7	0	0	AG	481	2.1	.0	10.0
H. King Rd. EBD *	0	-7	150	-7	AG	513	2.0	.0	10.0
I. King Rd. EBL *	-150	0	-5	0	AG	125	2.0	.0	10.0
J. King Rd. MBA *	150	0	7	0	AG	204	1.9	.0	10.0
K. King Rd. MBD *	0	7	-150	7	AG	472	1.3	.0	10.0
L. King Rd. MBL *	150	5	0	0	AG	104	2.0	.0	10.0
M. Taylor NBDX *	9	-750	9	-150	AG	905	1.1	.0	13.5
N. Taylor NBDX *	9	150	9	750	AG	554	1.1	.0	11.8
O. Taylor SBAX *	-9	750	-9	150	AG	334	1.1	.0	13.5
P. Taylor SBDX *	-9	-150	-9	-750	AG	614	1.1	.0	11.8
Q. King Rd EBA *	-750	-7	-150	-7	AG	606	1.1	.0	10.0
R. King Rd EBD *	150	-7	750	-7	AG	513	1.1	.0	10.0
S. King Rd EBL *	750	7	150	7	AG	308	1.1	.0	10.0
T. King Rd WBDX *	-150	7	-750	7	AG	472	1.1	.0	10.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	COORDINATES (M)	Z
1. SE	17	-14	1.8	1.8
2. NW	-17	14	1.8	1.8
3. SW	-16	-14	1.8	1.8
4. NE	16	14	1.8	1.8
5. ES meblk *	150	-14	1.8	1.8
6. WN meblk *	-150	14	1.8	1.8
7. WS meblk *	-150	-14	1.8	1.8
8. EN meblk *	150	14	1.8	1.8
9. SE meblk *	17	-150	1.8	1.8
10. NW meblk *	-17	150	1.8	1.8
11. SW meblk *	-16	-150	1.8	1.8
12. NE meblk *	16	150	1.8	1.8
13. ES dlk *	600	-14	1.8	1.8
14. WN dlk *	-600	14	1.8	1.8
15. WS dlk *	-600	-14	1.8	1.8
16. EN dlk *	600	14	1.8	1.8
17. SE dlk *	17	-600	1.8	1.8
18. NW dlk *	-17	600	1.8	1.8
19. SW dlk *	-16	-600	1.8	1.8
20. NE dlk *	16	600	1.8	1.8

□

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
JUNE 1999 VERSION  
PAGE 3

JOB: Rocklin Commons  
RUN: 2025 np no D  
POLLUTANT: Carbon Monoxide  
(WORST CASE ANGLE)

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PREDCONC (PPM)	A	B	C	D	E	F	G	H
1. SE	278.	.3	.0	.0	.0	.0	.0	.0	.1	.0
2. NW	170.	.3	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	82.	.3	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	189.	.3	.1	.0	.0	.0	.0	.0	.0	.0
5. ES mdblK	276.	.3	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblK	98.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	83.	.3	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblK	262.	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	350.	.3	.1	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	174.	.2	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblK	9.	.2	.0	.0	.0	.1	.0	.0	.0	.0
12. NE mdblK	186.	.2	.0	.0	.0	.0	.0	.0	.0	.0
13. ES DLK	275.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN DLK	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS DLK	84.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN DLK	264.	.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE DLK	353.	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW DLK	174.	.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW DLK	7.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE DLK	186.	.2	.0	.0	.0	.0	.0	.0	.0	.0

□

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
JUNE 1999 VERSION  
PAGE 4

JOB: Rocklin Commons  
RUN: 2025 np no D  
POLLUTANT: Carbon Monoxide  
(WORST CASE ANGLE)

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

RECEPTOR	BRG (DEG)	PREDCONC (PPM)	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	278.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	170.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	82.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	189.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblK	276.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	98.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	83.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	262.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	350.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	174.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblK	9.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblK	186.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES DLK	275.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN DLK	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS DLK	84.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
16. EN DLK	264.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE DLK	353.	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
18. NW DLK	174.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW DLK	7.	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
20. NE DLK	186.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

□

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 VDI= 100. CM  
 VDI= .0 CM/S  
 VSI= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MT)	H (M)	W (M)
A.	Granite NBA	5	-150	5	0	AG	770	1.6	.0	13.5
B.	Granite NBD	5	0	5	150	AG	770	1.2	.0	10.0
C.	Granite NBI	2	-150	0	0	AG	0	1.1	.0	10.0
D.	Granite SBA	-7	150	-7	0	AG	398	1.5	.0	10.0
E.	Granite SBD	-7	0	-7	-150	AG	398	1.2	.0	10.0
F.	Granite SBI	-5	150	0	0	AG	0	1.1	.0	10.0
G.	Project EBA	-150	0	0	0	AG	0	1.1	.0	10.0
H.	Project EBD	0	0	150	0	AG	0	1.1	.0	10.0
I.	Project EBI	-150	-2	0	0	AG	0	1.1	.0	10.0
J.	Project EBA	150	9	0	9	AG	0	1.1	.0	10.0
K.	Project EBD	0	9	-150	9	AG	0	1.1	.0	10.0
L.	Project EBI	150	9	0	0	AG	0	1.1	.0	10.0
M.	Granite NBA	5	-750	5	-150	AG	770	1.1	.0	10.0
N.	Granite NBD	5	150	5	750	AG	770	1.1	.0	13.5
O.	Granite SBA	-7	750	-7	150	AG	398	1.1	.0	10.0
P.	Granite SBD	-7	-150	-7	-750	AG	398	1.1	.0	10.0
Q.	Project EBA	-750	0	-150	0	AG	0	1.1	.0	10.0
R.	Project EBD	150	0	750	0	AG	0	1.1	.0	10.0
S.	Project EBI	750	9	150	9	AG	0	1.1	.0	10.0
T.	Project WBD	-150	9	-750	9	AG	0	1.1	.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	15	1.8
3. SW	-14	-7	1.8
4. NE	12	15	1.8
5. ES medblk	150	-7	1.8
6. WN medblk	-150	15	1.8
7. WS medblk	-150	-7	1.8
8. EN medblk	150	15	1.8
9. SE medblk	14	-150	1.8
10. NW medblk	-14	150	1.8
11. SW medblk	-14	-150	1.8
12. NE medblk	12	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	15	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	12	600	1.8

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 np no D  
 POLLUTANT: Carbon Monoxide

□

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

JOB: Rocklin Commons (WORST CASE ANGLE)  
RUN: 2025 np no D  
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PREDCONC (PPM)	A	B	C	D	E	F	G	H
1. SE	188.	2.	0	0	0	0	0	0	0	0
2. NW	172.	2.	0	0	0	0	0	0	0	0
3. SW	172.	2.	0	0	0	0	0	0	0	0
4. NE	186.	2.	0	0	0	0	0	0	0	0
5. ES mbdlk	339.	0.	0	0	0	0	0	0	0	0
6. WN mbdlk	158.	0.	0	0	0	0	0	0	0	0
7. WS mbdlk	223.	0.	0	0	0	0	0	0	0	0
8. EN mbdlk	201.	0.	0	0	0	0	0	0	0	0
9. SE mbdlk	353.	2.	0	0	0	0	0	0	0	0
10. NW mbdlk	173.	2.	0	0	0	0	0	0	0	0
11. SW mbdlk	7.	2.	0	0	0	0	0	0	0	0
12. NE mbdlk	187.	2.	0	0	0	0	0	0	0	0
13. ES dlk	265.	0.	0	0	0	0	0	0	0	0
14. WN dlk	97.	0.	0	0	0	0	0	0	0	0
15. WS dlk	95.	0.	0	0	0	0	0	0	0	0
16. EN dlk	263.	0.	0	0	0	0	0	0	0	0
17. SE dlk	354.	2.	0	0	0	0	0	0	0	0
18. NW dlk	173.	2.	0	0	0	0	0	0	0	0
19. SW dlk	7.	2.	0	0	0	0	0	0	0	0
20. NE dlk	186.	2.	0	0	0	0	0	0	0	0

□

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
JUNE 1989 VERSION  
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JOB: Rocklin Commons (WORST CASE ANGLE)  
RUN: 2025 np no D  
POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2. NW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3. SW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4. NE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5. ES mbdlk	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6. WN mbdlk	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7. WS mbdlk	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8. EN mbdlk	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9. SE mbdlk	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10. NW mbdlk	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11. SW mbdlk	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12. NE mbdlk	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13. ES dlk	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14. WN dlk	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15. WS dlk	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16. EN dlk	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17. SE dlk	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.
18. NW dlk	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19. SW dlk	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20. NE dlk	0.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.

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