

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 PP W Do  
 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  
 SIGH= 10. DEGREES TEMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VEH	EF (G/MT)	H (M)	W (M)
A. Pacific NBA	9	-150	9	0	* AG	905	1.8	.0	13.5
B. Pacific NBD	9	0	9	150	* AG	698	1.2	.0	10.0
C. Pacific NBL	5	-150	0	0	* AG	60	2.0	.0	10.0
D. Pacific SBA	-9	150	-9	0	* AG	535	1.6	.0	13.5
E. Pacific SBD	-9	0	-9	-150	* AG	1132	1.2	.0	11.8
F. Pacific SBL	-5	150	0	0	* AG	105	2.0	.0	10.0
G. Rocklin EBA	-150	-9	-9	0	* AG	339	1.6	.0	13.5
H. Rocklin EBD	0	-9	150	0	* AG	858	1.2	.0	11.8
I. Rocklin EBL	-150	-5	0	0	* AG	85	2.0	.0	10.0
J. Rocklin WBA	150	9	0	9	* AG	377	1.6	.0	11.8
K. Rocklin WBD	0	9	-150	0	* AG	279	1.2	.0	10.0
L. Rocklin WBL	150	5	0	0	* AG	561	2.1	.0	10.0
M. Pacific NBA	9	-750	9	-150	* AG	965	1.1	.0	13.5
N. Pacific NBD	9	150	9	750	* AG	698	1.1	.0	10.0
O. Pacific NBL	-9	750	-9	150	* AG	640	1.1	.0	13.5
P. Pacific SBA	-9	-150	-9	-750	* AG	1132	1.1	.0	11.8
Q. Rocklin EBA	-750	-9	-150	-9	* AG	424	1.1	.0	13.5
R. Rocklin EBD	150	-9	750	-9	* AG	858	1.1	.0	11.8
S. Rocklin EBL	750	9	150	9	* AG	938	1.1	.0	11.8
T. Rocklin WBA	-150	9	-750	9	* AG	279	1.1	.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z	COORDINATES (M)
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 mdbl	150	-16	1.8	
6. WN mdbl	-150	15	1.8	
7. WS mdbl	-150	-17	1.8	
8. EN mdbl	150	16	1.8	
9. SE mdbl	-17	-150	1.8	
10. NW mdbl	17	150	1.8	
11. SW mdbl	-16	-150	1.8	
12. NE mdbl	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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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	98.	.3	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	81.	.4	.0	.0	.0	.0	.0	.0	.1	.0
4. NE	187.	.4	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	280.	.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	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	.0	.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	.0	.2	.0	.0	.0
12. NE mdblk	186.	.3	.0	.1	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	85.	.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.3	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.2	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 PP W Do (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	.1	.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	.1	.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	.2	.0
17. SE blk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.1	.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	.1	.0	.0	.0	.0	.0	.0

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 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES

U= .5 M/S  
 BRG= WORST CASE  
 CLASS= 7 (G)  
 MIXH= 1000. M  
 SIGH= 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. Granite NBA	7	-150	7	0	* AG	45	1.9	.0	10.0
B. Granite NBD	7	0	7	150	* AG	1108	2.0	.0	10.0
C. Granite NBL	5	-150	0	0	* AG	26	2.0	.0	10.0
D. Granite SBA	-9	150	-9	0	* AG	535	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	559	2.1	.0	10.0
G. Granite EBA	-150	-9	0	-9	* AG	1159	1.6	.0	13.5
H. Rocklin EBD	0	-9	150	-9	* AG	1717	1.2	.0	11.8
I. Rocklin EBL	-150	-5	0	0	* AG	448	2.1	.0	10.0
J. Rocklin EBA	150	9	0	9	* AG	1553	1.9	.0	13.5
K. Rocklin WBD	0	0	-150	9	* AG	1453	1.3	.0	10.0
L. Rocklin WBL	150	5	0	0	* AG	32	2.0	.0	10.0
M. Granite NBA	7	-750	7	7	* AG	71	1.1	.0	10.0
N. Granite NBD	7	150	7	750	* AG	1108	1.1	.0	10.0
O. Granite SBA	-9	750	-9	150	* AG	1094	1.1	.0	11.8
P. Granite SBD	-9	-150	-9	-750	* AG	79	1.1	.0	10.0
Q. Rocklin EBA	-750	-9	-150	-9	* AG	1607	1.1	.0	13.5
R. Rocklin EBD	150	-9	750	-9	* AG	1717	1.1	.0	11.8
S. Rocklin EBL	750	9	150	9	* AG	1585	1.1	.0	13.5
T. Rocklin EBA	-150	9	-750	9	* AG	1453	1.1	.0	10.0

III. RECEPTOR LOCATIONS

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

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 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	352.	.6	.0	.2	.0	.0	.0	.0	.0	.1
2. NW	97.	.7	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	8.	.5	.0	.0	.0	.1	.0	.1	.0	.0
4. NE	259.	.7	.0	.1	.0	.0	.0	.0	.0	.0
5. ES mdbl	279.	.5	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdbl	97.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdbl	81.	.5	.0	.0	.0	.0	.0	.2	.0	.0
8. EN mdbl	262.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdbl	357.	.2	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdbl	166.	.4	.0	.1	.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.	.4	.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	358.	.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

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.3	.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	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdbl	.0	.0	.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. WS 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	.3	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.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	.2	.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

JOB: Rocklin Commons  
 RUN: 2025 Pp w Do  
 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	VPH	EF (G/MT)	H (M)	W (M)
A. I-80 WB NBA *	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	0	0	AG	379	1.9	.0	10.0
E. I-80 WB SBL *	-7	0	-7	-150	AG	1264	2.1	.0	10.0
F. I-80 WB SBL *	-5	150	0	0	AG	103	2.0	.0	10.0
G. Rocklin EBA *	-150	-5	0	-5	AG	1722	2.1	.0	13.5
H. Rocklin EBD *	0	-5	150	-5	AG	1170	1.2	.0	10.0
I. Rocklin EBL *	-150	-2	0	0	AG	0	1.1	.0	10.0
J. Rocklin MBA *	150	7	0	7	AG	1197	1.7	.0	10.0
K. Rocklin WBL *	0	7	-150	7	AG	1573	1.3	.0	10.0
L. Rocklin WBL *	150	0	5	0	AG	606	2.1	.0	10.0
M. I-80 WB NBDX *	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 SBDX *	-7	750	-7	150	AG	482	1.1	.0	10.0
P. I-80 WB SBDX *	-7	-150	-7	-750	AG	1264	1.1	.0	10.0
Q. Rocklin EBDX *	-750	-5	-150	-5	AG	1722	1.1	.0	13.5
R. Rocklin EBDX *	150	-5	750	-5	AG	1170	1.1	.0	10.0
S. Rocklin WBDX *	750	7	150	7	AG	1803	1.1	.0	10.0
T. Rocklin WBDX *	-150	7	-750	7	AG	1573	1.1	.0	10.0

JOB: Rocklin Commons  
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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 mbdlk *	150	-12	1.8
6. WN mbdlk *	-150	14	1.8
7. WS mbdlk *	-150	-14	1.8
8. EN mbdlk *	150	14	1.8
9. SE mbdlk *	7	-150	1.8
10. NW mbdlk *	-14	150	1.8
11. SW mbdlk *	-14	-150	1.8
12. NE mbdlk *	7	150	1.8
13. ES dlk *	600	-12	1.8
14. WN dlk *	-600	14	1.8
15. WS dlk *	-600	-14	1.8
16. EN dlk *	600	14	1.8
17. SE dlk *	7	-600	1.8
18. NW dlk *	-14	600	1.8
19. SW dlk *	-14	-600	1.8
20. NE dlk *	7	600	1.8



JOB: Rocklin Commons  
 RUN: 2025 Pp w Dg  
 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  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALP= 76. (M)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* TYPE	VEH	EF (G/MT)	H (M)	W (M)
A. I-80 EB NBA	9	-150	9	0	* AG	614	2.1	.0	13.5
B. I-80 EB NBD	9	0	9	150	* AG	454	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	849	1.6	.0	10.0
H. Rocklin EBD	0	0	0	-7	* AG	1462	1.3	.0	10.0
I. Rocklin EBL	-150	-5	0	0	* AG	321	2.1	.0	10.0
J. Rocklin WBA	150	5	0	5	* AG	1379	1.6	.0	13.5
K. Rocklin WBD	0	0	-150	5	* AG	1806	1.2	.0	11.8
L. Rocklin WBL	150	2	0	0	* AG	0	1.1	.0	10.0
M. I-80 EB NBA	9	-750	9	-150	* AG	1173	1.1	.0	13.5
N. I-80 EB NBD	9	150	9	750	* AG	454	1.1	.0	10.0
O. I-80 EB SBA	0	750	0	150	* AG	0	1.1	.0	10.0
P. I-80 EB SBD	0	-150	0	-750	* AG	0	1.1	.0	10.0
Q. Rocklin EBA	-750	-7	-150	-7	* AG	1170	1.1	.0	10.0
R. Rocklin EBD	150	-7	750	-7	* AG	1462	1.1	.0	10.0
S. Rocklin EBL	750	5	150	5	* AG	1379	1.1	.0	13.5
T. Rocklin WBA	-150	5	-750	5	* AG	1806	1.1	.0	11.8

□

JOB: Rocklin Commons  
 RUN: 2025 Pp w Dg  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

III. RECEPTOR LOCATIONS

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





JOB: Rocklin Commons  
 RUN: 2025 Pp w Do  
 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	VPH	EF (G/MI)	H (M)	W (M)
A. Domingue NBA *	9	-150	9	0	* AG	202	1.5	.0	13.5
B. Domingue NBD *	9	0	9	150	* AG	200	1.2	.0	11.8
C. Domingue NBL *	5	-150	0	0	* AG	85	2.0	.0	10.0
D. Domingue SBA *	-9	150	-9	0	* AG	422	1.5	.0	13.5
E. Domingue SBD *	-9	0	-9	-150	* AG	365	1.2	.0	11.8
F. Domingue SBL *	-5	150	0	0	* AG	51	2.0	.0	10.0
G. Pacific EBA *	-150	-7	0	-7	* AG	812	2.1	.0	10.0
H. Pacific EBD *	0	-7	150	-7	* AG	870	1.8	.0	10.0
I. Pacific EBL *	-150	-5	0	0	* AG	87	2.0	.0	10.0
J. Pacific MBA *	150	7	0	7	* AG	528	2.1	.0	10.0
K. Pacific WBL *	0	7	-150	7	* AG	821	2.1	.0	10.0
L. Pacific WBD *	150	0	5	0	* AG	69	2.0	.0	10.0
M. Domingue NBAX *	9	-750	9	-150	* AG	287	1.1	.0	13.5
N. Domingue NBDX *	9	150	9	750	* AG	200	1.1	.0	11.8
O. Domingue SBAX *	-9	750	-9	150	* AG	473	1.1	.0	13.5
P. Domingue SBDX *	-9	-150	-9	-750	* AG	365	1.1	.0	11.8
Q. Pacific EBAX *	-750	-7	-150	-7	* AG	899	1.1	.0	10.0
R. Pacific EBDX *	150	7	750	7	* AG	870	1.1	.0	10.0
S. Pacific WBAW *	750	7	150	7	* AG	597	1.1	.0	10.0
T. Pacific WBDX *	-150	7	-750	7	* AG	821	1.1	.0	10.0

□

JOB: Rocklin Commons  
 RUN: 2025 Pp w Do  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

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 mbdlk *	150	-14	1.8
6. WN mbdlk *	-150	14	1.8
7. WS mbdlk *	-150	-14	1.8
8. EN mbdlk *	150	14	1.8
9. SE mbdlk *	17	-150	1.8
10. NW mbdlk *	-17	150	1.8
11. SW mbdlk *	-16	-150	1.8
12. NE mbdlk *	16	150	1.8
13. ES dlk *	600	-14	1.8
14. WN dlk *	-600	14	1.8
15. WS dlk *	-600	-14	1.8
16. EN dlk *	600	14	1.8
17. SE dlk *	17	-600	1.8
18. NW dlk *	-17	600	1.8
19. SW dlk *	-16	-600	1.8
20. NE dlk *	16	600	1.8



JOB: Rocklin Commons  
 RUN: 2025 Pp w Do (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

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

II. LINK VARIABLES

LINK DESCRIPTION	* LINK COORDINATES (M)	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1 Y1 X2 Y2					
A. Granite NBA *	9 -150 9 0	AG	743	1.6	.0	13.5
B. Granite NBD *	9 0 9 0	AG	666	1.2	.0	10.0
C. Granite NBL *	5 -150 0 0	AG	52	2.0	.0	10.0
D. Granite SBA *	-9 150 0 0	AG	440	1.5	.0	13.5
E. Granite SBD *	-9 0 -9 0	AG	639	1.2	.0	11.8
F. Granite SBL *	-5 150 0 0	AG	96	2.0	.0	10.0
G. Domingue EBA *	-150 -7 0 0	AG	334	1.9	.0	10.0
H. Domingue EBD *	0 -7 0 0	AG	469	1.3	.0	10.0
I. Domingue EBL *	-150 -5 0 0	AG	60	2.0	.0	10.0
J. Domingue WBA *	0 0 0 0	AG	174	1.9	.0	10.0
K. Domingue WBD *	0 11 -150 0	AG	258	1.3	.0	10.0
L. Domingue WBL *	0 9 0 0	AG	133	2.0	.0	10.0
M. Granite NBAX *	9 -750 9 -150	AG	795	1.1	.0	13.5
N. Granite NBDX *	9 150 9 750	AG	666	1.1	.0	10.0
O. Granite SBAx *	-9 750 -9 150	AG	536	1.1	.0	13.5
P. Granite SBDx *	-9 -150 -9 -750	AG	639	1.1	.0	11.8
Q. Domingue EBAx *	-750 -7 -150 -7	AG	394	1.1	.0	10.0
R. Domingue EBDx *	150 -7 750 -7	AG	469	1.1	.0	10.0
S. Domingue EBLx *	150 11 750 11	AG	307	1.1	.0	10.0
T. Domingue WBDx *	-150 11 -750 11	AG	258	1.1	.0	10.0

JOB: Rocklin Commons  
 RUN: 2025 Pp w Do (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

JOB: Rocklin Commons  
 RUN: 2025 PP w Do (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.	.3	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	172.	.2	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	82.	.2	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	187.	.3	.1	.0	.0	.0	.0	.0	.0	.0
5. ES mbdik	277.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdik	97.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdik	83.	.2	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdik	352.	.3	.2	.0	.0	.0	.0	.0	.0	.0
9. SE mbdik	261.	.2	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdik	172.	.2	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdik	8.	.2	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdik	187.	.2	.0	.1	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.1	.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	7.	.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  
 RUN: 2025 PP w Do (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 mbdik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdik	.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	.1	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 PP W D0 (WORST CASE ANGLE)  
 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)  
 ALT= 76. (M)

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	1614	2.1	.0	13.5
B.	Sierra C NBD	9	0	9	150	AG	1606	1.4	.0	10.0
C.	Sierra C NBL	5	-150	0	0	AG	170	2.0	.0	10.0
D.	Sierra C SBA	-9	150	-9	0	AG	1003	1.7	.0	13.5
E.	Sierra C SBD	-9	0	-9	-150	AG	1461	1.3	.0	10.0
F.	Sierra C SBL	-5	150	0	0	AG	35	2.0	.0	10.0
G.	Taylor R EBA	-150	-7	0	-7	AG	589	2.1	.0	10.0
H.	Taylor R EBD	0	-7	150	-7	AG	767	2.1	.0	10.0
I.	Taylor R EBL	-150	-5	0	0	AG	295	2.1	.0	10.0
J.	Taylor R EBA	150	7	0	7	AG	325	2.1	.0	10.0
K.	Taylor R WBL	0	7	-150	0	AG	384	2.0	.0	10.0
L.	Taylor R WBL	150	5	0	0	AG	387	2.1	.0	10.0
M.	Sierra NBA	9	-750	9	-150	AG	1784	1.1	.0	13.5
N.	Sierra NBD	9	150	9	750	AG	1606	1.1	.0	10.0
O.	Sierra NBL	-9	750	-9	150	AG	1038	1.1	.0	13.5
P.	Sierra SBA	-9	-150	-9	-750	AG	1461	1.1	.0	10.0
Q.	Sierra SBD	-750	-7	-150	-7	AG	884	1.1	.0	10.0
R.	Taylor EBA	150	-7	750	-7	AG	767	1.1	.0	10.0
S.	Taylor EBD	750	7	150	7	AG	712	1.1	.0	10.0
T.	Taylor EBL	-150	7	-750	7	AG	584	1.1	.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z	
1.	SE	17	-14	1.8
2.	NW	-17	14	1.8
3.	SW	-15	-14	1.8
4.	NE	15	14	1.8
5.	ES mdbl	150	-14	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	17	-150	1.8
10.	NW mdbl	-17	150	1.8
11.	SW mdbl	-15	-150	1.8
12.	NE mdbl	15	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	-600	-600	1.8
20.	NE blk	15	600	1.8

JOB: Rocklin Commons  
 RUN: 2025 PP W D0 (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

□

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

JOB: Rocklin Commons  
RUN: 2025 PP w Do (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	279.	.6	.2	.0	.0	.0	.0	.0	.1	.0
2. NW	169.	.6	.1	.0	.0	.0	.2	.0	.0	.0
3. SW	81.	.6	.1	.0	.0	.0	.1	.0	.0	.2
4. NE	187.	.7	.4	.0	.0	.0	.0	.0	.0	.0
5. ES mbdik	277.	.4	.0	.0	.0	.0	.0	.0	.2	.0
6. WWS mbdik	98.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdik	82.	.4	.0	.0	.0	.0	.0	.2	.0	.0
8. EN mbdik	261.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdik	351.	.6	.4	.0	.0	.0	.0	.0	.0	.0
10. NW mbdik	172.	.5	.0	.0	.0	.2	.0	.0	.0	.0
11. SW mbdik	10.	.5	.1	.0	.0	.0	.3	.0	.0	.0
12. NE mbdik	187.	.5	.0	.3	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WWS blk	276.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	98.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	84.	.3	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	264.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	353.	.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	173.	.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	7.	.4	.0	.0	.0	.0	.0	.0	.0	.0
	187.	.4	.0	.0	.0	.0	.0	.0	.0	.0

□

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

JOB: Rocklin Commons  
RUN: 2025 PP w Do (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 mbdik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WWS mbdik	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdik	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
14. WWS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
17. SE blk	.0	.0	.0	.0	.0	.3	.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	.1	.0	.0	.2	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0

□

JOB: Rocklin Commons  
 RUN: 2025 PP W Do  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MTRH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 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	VEH	EF (G/MI)	H (M)	W (M)
A. Sierra C NBA	7	-150	7	0	* AG	1574	1.6	.0	17.0
B. Sierra C NBD	7	0	7	150	* AG	1522	1.2	.0	15.3
C. Sierra C NBL	2	-150	0	0	* AG	0	1.1	.0	10.0
D. Sierra C SBA	-11	150	-11	0	* AG	1108	1.5	.0	17.0
E. Sierra C SBD	-5	150	0	0	* AG	1405	1.2	.0	15.3
F. Sierra C SBL	-150	-2	0	0	* AG	304	2.1	.0	10.0
G. Brace Rd EBA	0	-2	0	-2	* AG	87	1.9	.0	10.0
H. Brace Rd EBD	0	-2	150	-2	* AG	637	2.1	.0	10.0
I. Brace Rd EBL	-150	-2	0	0	* AG	0	1.1	.0	10.0
J. Brace Rd EBA	150	5	0	5	* AG	281	1.9	.0	10.0
K. Brace Rd WBA	0	5	-150	0	* AG	0	1.1	.0	10.0
L. Brace Rd WBD	150	5	0	0	* AG	210	2.1	.0	10.0
M. Sierra NBDX	7	-750	7	-150	* AG	1574	1.1	.0	17.0
N. Sierra NBDX	7	150	7	750	* AG	1522	1.1	.0	15.3
O. Sierra SBDX	-11	150	-11	150	* AG	1412	1.1	.0	17.0
P. Sierra SBDX	-11	-150	-11	-750	* AG	1405	1.1	.0	15.3
Q. Brace R EBDX	-750	-2	-2	-2	* AG	87	1.1	.0	10.0
R. Brace R EBDX	150	-2	750	-2	* AG	637	1.1	.0	10.0
S. Brace R WBDX	750	5	150	5	* AG	491	1.1	.0	10.0
T. Brace R WBDX	-150	5	-750	5	* AG	0	1.1	.0	10.0

E

JOB: Rocklin Commons  
 RUN: 2025 PP W Do  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

III. RECEPTOR LOCATIONS

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

JOB: Rocklin Commons  
 RUN: 2025 PP W DO (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.	.5	.0	.2	.0	.0	.0	.0	.0	.0
2. NW	97.	.4	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	83.	.5	.0	.0	.0	.0	.0	.0	.1	.0
4. NE	188.	.5	.3	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	280.	.3	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	93.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	87.	.2	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	259.	.3	.0	.0	.0	.0	.0	.0	.1	.0
9. SE mdblk	353.	.5	.3	.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	187.	.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	88.	.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.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.4	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 PP W DO (WORST CASE ANGLE)  
 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	350.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	97.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	83.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	188.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	280.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	93.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	87.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	259.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	171.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	8.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	187.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
14. WN blk	92.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	88.	.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
17. SE blk	353.	.4	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.4	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
19. SW blk	7.	.4	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
20. NE blk	187.	.4	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0



JOB: Rocklin Commons  
 RUN: 2025 PP W Do  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MICH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VPD= .0 CM/S  
 WS= .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
A.	Sierra C NBA	11	-150	11	0	AG	1308	1.6	.0	17.0
B.	Sierra C NBD	11	0	11	150	AG	1587	1.2	.0	15.3
C.	Sierra C NBL	5	-150	0	0	AG	183	2.0	.0	10.0
D.	Sierra C SBA	-11	150	-11	0	AG	1337	1.6	.0	17.0
E.	Sierra C SBD	-5	150	0	0	AG	1616	1.2	.0	15.3
F.	Sierra C SBL	-9	150	0	0	AG	79	2.0	.0	10.0
G.	Granite EBA	0	-9	0	0	AG	360	2.1	.0	13.5
H.	Granite EBD	0	-9	150	0	AG	174	1.2	.0	10.0
I.	Granite EBL	0	-5	0	0	AG	304	2.1	.0	10.0
J.	Granite WBA	150	0	7	7	AG	60	1.9	.0	10.0
K.	Granite WBD	0	7	-150	0	AG	360	1.4	.0	10.0
L.	Granite WBL	150	5	0	0	AG	106	2.0	.0	10.0
M.	Sierra NBA	11	-750	11	-150	AG	1491	1.1	.0	17.0
N.	Sierra NBD	11	150	11	750	AG	1587	1.1	.0	15.3
O.	Sierra NBL	-11	750	-11	150	AG	1416	1.1	.0	17.0
P.	Sierra SBA	-5	150	-5	0	AG	1616	1.1	.0	15.3
Q.	Sierra SBD	-9	150	-9	0	AG	664	1.1	.0	13.5
R.	Sierra SBL	0	-9	0	0	AG	174	1.1	.0	10.0
S.	Granite WBA	150	7	150	7	AG	166	1.1	.0	10.0
T.	Granite WBD	-150	7	-750	7	AG	360	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	150	-15	1.8
6.	WN	-150	14	1.8
7.	WS	-150	-17	1.8
8.	EN	150	14	1.8
9.	SE	-21	-150	1.8
10.	NW	21	150	1.8
11.	SW	-20	-150	1.8
12.	NE	20	150	1.8
13.	ES	600	-15	1.8
14.	WN	-600	14	1.8
15.	WS	-600	-17	1.8
16.	EN	600	14	1.8
17.	SE	21	-600	1.8
18.	NW	-21	600	1.8
19.	SW	-20	-600	1.8
20.	NE	20	600	1.8

JOB: Rocklin Commons  
 RUN: 2025 PP W Do  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

JOB: Rocklin Commons  
 RUN: 2025 Pp w Do (WORST CASE ANGLE)  
 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.	.4	.0	.2	.0	.0	.0	.0	.0	.0
2. NW	170.	.5	.0	.0	.0	.2	.0	.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 mbdlk	275.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	102.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	80.	.3	.0	.0	.0	.0	.0	.1	.0	.0
8. EN mbdlk	264.	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	351.	.4	.2	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	172.	.4	.0	.0	.0	.2	.0	.0	.0	.0
11. SW mbdlk	8.	.4	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mbdlk	188.	.4	.0	.2	.0	.0	.0	.0	.0	.0
13. ES bdk	275.	.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	97.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. NS bdk	84.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bdk	265.	.1	.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.	.3	.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  
 RUN: 2025 Pp w Do (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 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 bdk	.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
15. NS bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
16. EN bdk	.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
18. NW bdk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
19. SW bdk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
20. NE bdk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 PP W Do (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MINH= 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/MT)	H (M)	W (M)
A.	Sierra C NBA	11	-150	11	0	AG	1269	1.6	.0	17.0
B.	Sierra C NBD	11	0	11	150	AG	1513	1.2	.0	13.5
C.	Sierra C NBL	5	-150	0	0	AG	248	2.1	.0	10.0
D.	Sierra C SBA	-7	150	-7	0	AG	1582	1.7	.0	17.0
E.	Sierra C SBD	-2	150	0	0	AG	2454	1.4	.0	13.5
F.	Sierra C SBL	-2	0	0	0	AG	0	1.1	.0	10.0
G.	I-80 WB EBA	-150	-5	0	-5	AG	563	2.1	.0	10.0
H.	I-80 WB EBD	0	-5	150	0	AG	348	1.2	.0	10.0
I.	I-80 WB EBL	-150	0	0	0	AG	301	2.1	.0	10.0
J.	I-80 WB EBL	150	12	0	12	AG	324	1.9	.0	13.5
K.	I-80 WB WBA	0	12	-150	0	AG	481	1.2	.0	11.8
L.	I-80 WB WBD	150	9	0	0	AG	509	2.1	.0	10.0
M.	Sierra NBRX	11	-750	11	150	AG	1517	1.1	.0	17.0
N.	Sierra NBRX	11	150	11	750	AG	1513	1.1	.0	13.5
O.	Sierra SBRX	-7	750	-7	150	AG	1582	1.1	.0	17.0
P.	Sierra SBRX	-7	-150	-7	-750	AG	2454	1.1	.0	13.5
Q.	I-80 WB EBRX	-750	-5	-150	-5	AG	864	1.1	.0	10.0
R.	I-80 WB EBDX	150	-5	750	-5	AG	348	1.1	.0	10.0
S.	I-80 WB WBRX	750	12	150	12	AG	833	1.1	.0	13.5
T.	I-80 WB WBDX	-150	12	-750	12	AG	481	1.1	.0	11.8

JOB: Rocklin Commons  
 RUN: 2025 PP W Do (WORST CASE ANGLE)  
 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 blk	600	-12	1.8
14.	WN blk	-600	20	1.8
15.	WS blk	-600	-12	1.8
16.	EN blk	600	21	1.8
17.	SE blk	21	-600	1.8
18.	NW blk	-17	600	1.8
19.	SW blk	-15	-600	1.8
20.	NE blk	19	600	1.8

JOB: Rocklin Commons  
 RUN: 2025 Pp w Do (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	277.	.5	.1	.0	.0	.0	.0	.0	.1	.0
2. NW	171.	.6	.0	.0	.0	.3	.0	.0	.0	.0
3. SW	8.	.6	.0	.0	.0	.3	.0	.0	.0	.0
4. NE	188.	.6	.2	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	276.	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	99.	.3	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	82.	.4	.0	.0	.0	.0	.0	.2	.0	.0
8. EN mbdlk	261.	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	351.	.5	.2	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	173.	.5	.0	.0	.0	.3	.0	.0	.0	.0
11. SW mbdlk	9.	.6	.0	.0	.0	.4	.0	.0	.0	.0
12. NE mbdlk	188.	.5	.0	.2	.0	.0	.0	.0	.0	.0
13. ES bdk	276.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	84.	.3	.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.	.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bdk	187.	.4	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 Pp w Do (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	* BRG * (DEG)	* CONC * (PPM)	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	277.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	171.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	8.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	188.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	276.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	99.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	82.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	261.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	351.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	173.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	9.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	188.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES bdk	276.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	84.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
16. EN bdk	264.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	353.	.4	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
18. NW bdk	173.	.4	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
19. SW bdk	7.	.5	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0
20. NE bdk	187.	.4	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 Pp w Do (WORST CASE ANGLE)  
 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	EP (G/MI)	H (M)	W (M)
A.	Sierra C NBA *	9	-150	9	0	* AG	1795	1.6	.0	20.5
B.	Sierra C NBD *	2	-150	0	0	* AG	2184	1.2	.0	17.0
C.	Sierra C NBL *	-12	150	0	0	* AG	0	1.1	.0	10.0
D.	Sierra C SBA *	-12	150	-12	0	* AG	1831	2.1	.0	13.5
E.	Sierra C SBD *	-9	150	0	0	* AG	225	2.0	.0	10.0
F.	Sierra C SBL *	-150	-12	0	0	* AG	272	1.9	.0	13.5
G.	I-80 EB EBA *	0	-12	0	-12	* AG	680	1.3	.0	10.0
H.	I-80 EB EBD *	0	-9	0	0	* AG	284	2.0	.0	10.0
I.	I-80 EB EBL *	150	0	0	0	* AG	368	1.9	.0	10.0
J.	I-80 EB WBA *	0	7	0	7	* AG	558	1.2	.0	10.0
K.	I-80 EB WBD *	150	0	0	0	* AG	245	2.1	.0	10.0
L.	I-80 EB WBL *	5	-150	0	0	* AG	1795	1.1	.0	20.5
M.	Sierra NBAX *	9	-750	9	-150	* AG	2184	1.1	.0	10.0
N.	Sierra NBDX *	9	-750	9	-150	* AG	2056	1.1	.0	13.5
O.	Sierra SBAX *	-12	750	-12	150	* AG	1578	1.1	.0	10.0
P.	Sierra SBDX *	-12	750	-12	150	* AG	556	1.1	.0	13.5
Q.	I-80 EB EBAX *	150	-12	-150	-12	* AG	680	1.1	.0	10.0
R.	I-80 EB EBDX *	750	-12	750	-12	* AG	593	1.1	.0	10.0
S.	I-80 EB EBAX *	7	150	7	150	* AG	558	1.1	.0	10.0
T.	I-80 EB WBDX *	-150	7	-750	7	* AG	558	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 mbdlk *	150	-19 1.8
6.	WN mbdlk *	-150	14 1.8
7.	WS mbdlk *	-150	-21 1.8
8.	EW mbdlk *	150	14 1.8
9.	SE mbdlk *	21	-150 1.8
10.	NW mbdlk *	-21	150 1.8
11.	SW mbdlk *	-19	-150 1.8
12.	NE mbdlk *	19	150 1.8
13.	ES bdk *	600	-19 1.8
14.	WN bdk *	-600	14 1.8
15.	WS bdk *	-600	-21 1.8
16.	EW bdk *	600	14 1.8
17.	SE bdk *	21	-600 1.8
18.	NW bdk *	-21	600 1.8
19.	SW bdk *	-19	-600 1.8
20.	NE bdk *	19	600 1.8

JOB: Rocklin Commons  
 RUN: 2025 Pp w Do (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

JOB: Rocklin Commons  
 RUN: 2025 Pp w Do (WORST CASE ANGLE)  
 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	349.	.6	.0	.2	.0	.0	.0	.0	.0	.0
2. NW	9.	.7	.0	.0	.0	.5	.0	.0	.0	.0
3. SW	7.	.7	.0	.0	.0	.4	.0	.0	.0	.0
4. NE	188.	.5	.3	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	279.	.3	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mbdlk	96.	.3	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	81.	.3	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	262.	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	352.	.5	.3	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	171.	.7	.0	.0	.0	.5	.0	.0	.0	.0
11. SW mbdlk	7.	.5	.0	.0	.0	.3	.0	.0	.0	.0
12. NE mbdlk	190.	.5	.0	.3	.0	.0	.0	.0	.0	.0
13. ES dlk	277.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. NS dlk	84.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlk	264.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	353.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	173.	.5	.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.	.5	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 Pp w Do (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 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	.1	.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	.1	.0	.0
14. WN dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
15. NS 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	.1	.3	.0	.0	.0	.0	.0
19. SW dlk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
20. NE dlk	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 PP W Do  
 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	VPH	EF (G/MI)	H (M)	W (M)
A. Sierra C NBA *	11	-150	11	0	AG	1630	1.6	.0	17.0
B. Sierra C NBD *	11	0	11	150	AG	1725	1.2	.0	13.3
C. Sierra C NBL *	3	-150	0	0	AG	106	2.0	.0	10.0
D. Sierra C SBA *	-11	150	-11	0	AG	1350	1.6	.0	17.0
E. Sierra C SBD *	-11	0	-11	-150	AG	1955	1.2	.0	13.5
F. Sierra C SBL *	-5	150	0	0	AG	206	2.1	.0	10.0
G. Domingue EBA *	-150	-11	0	-11	AG	289	1.9	.0	10.0
H. Domingue EBD *	0	-11	150	-11	AG	322	1.4	.0	10.0
I. Domingue EBL *	-150	-9	0	0	AG	174	2.0	.0	10.0
J. Domingue EBA *	150	12	0	12	AG	196	1.9	.0	13.5
K. Domingue WBD *	0	12	-150	12	AG	308	1.4	.0	10.0
L. Domingue WBL *	150	0	0	0	AG	429	2.1	.0	10.0
M. Sierra NMAX *	11	-750	11	-150	AG	1736	1.1	.0	17.0
N. Sierra NBDX *	11	150	11	750	AG	1725	1.1	.0	13.3
O. Sierra SBAX *	-11	750	-11	150	AG	1356	1.1	.0	17.0
P. Sierra SBDX *	-11	-150	-11	-750	AG	1955	1.1	.0	13.5
Q. Domingue EBAX *	-750	-11	-150	-11	AG	463	1.1	.0	10.0
R. Domingue EBDX *	150	-11	750	-11	AG	362	1.1	.0	10.0
S. Domingue WBAX *	750	12	150	12	AG	625	1.1	.0	13.5
T. Domingue WBDX *	-150	12	-750	12	AG	308	1.1	.0	10.0

D

JOB: Rocklin Commons  
 RUN: 2025 PP W Do  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. SE	21	-17	1.8
2. NW	-21	19	1.8
3. SW	-19	-17	1.8
4. NE	20	21	1.8
5. ES mbdlk *	130	-17	1.8
6. NW mbdlk *	-150	19	1.8
7. WS mbdlk *	-150	-17	1.8
8. EN mbdlk *	150	21	1.8
9. SE mbdlk *	21	-150	1.8
10. NW mbdlk *	-21	150	1.8
11. SW mbdlk *	-19	-150	1.8
12. NE mbdlk *	20	150	1.8
13. ES dlk *	600	-17	1.8
14. NW dlk *	-600	19	1.8
15. WS dlk *	-600	-17	1.8
16. EN dlk *	600	21	1.8
17. SE dlk *	21	-600	1.8
18. NW dlk *	-21	600	1.8
19. SW dlk *	-19	-600	1.8
20. NE dlk *	20	600	1.8

JOB: Rocklin Commons  
 RUN: 2025 PP W DO (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	390.	.5	.0	.2	.0	.0	.0	.0	.0	.0
2. NW	170.	.5	.0	.0	.0	.0	.2	.0	.0	.0
3. SW	8.	.5	.0	.0	.0	.2	.0	.0	.0	.0
4. NE	198.	.5	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	278.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	97.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	82.	.3	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	260.	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	.5	.3	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.5	.0	.0	.0	.2	.0	.0	.0	.0
11. SW mdblk	8.	.5	.0	.0	.0	.0	.3	.0	.0	.0
12. NE mdblk	188.	.5	.0	.2	.0	.0	.0	.0	.0	.0
13. ES bldk	276.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bldk	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. RS 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 PP W DO (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. RS 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	.2	.0	.0	.0	.0	.0
19. SW bldk	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0
20. NE bldk	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0



JOB: Rocklin Commons  
 RUN: 2025 Pp w Do  
 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	* LINK COORDINATES (M)	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
	X1 Y1 X2 Y2					
A. Sierra C NBA *	14 -150 14 14	AG	1462	1.6	.0	17.0
B. Sierra C NBD *	14 0 14 150	AG	1755	1.2	.0	13.5
C. Sierra C NBL *	9 -150 0 0	AG	286	2.0	.0	10.0
D. Sierra C SBA *	-14 150 -14 0	AG	1349	1.7	.0	17.0
E. Sierra C SBD *	-14 0 -14 -150	AG	1865	1.2	.0	13.5
F. Sierra C SBL *	-9 150 0 0	AG	381	2.0	.0	10.0
G. Rocklin EBA *	-150 -12 0 -12	AG	878	2.1	.0	13.5
H. Rocklin EBD *	0 -12 150 -12	AG	998	1.8	.0	10.0
I. Rocklin EBL *	-150 0 -9 0	AG	291	2.0	.0	10.0
J. Rocklin MBA *	130 12 0 12	AG	420	1.9	.0	13.5
K. Rocklin WBD *	0 12 -150 0	AG	729	1.3	.0	11.8
L. Rocklin WBL *	150 9 0 0	AG	80	2.0	.0	10.0
M. Sierra NBDX *	14 -750 14 14	AG	1748	1.1	.0	17.0
N. Sierra NBDX *	14 150 14 750	AG	1755	1.1	.0	13.5
O. Sierra SBDX *	-14 750 -14 150	AG	1930	1.1	.0	17.0
P. Sierra SBDX *	-14 -150 -14 -750	AG	1865	1.1	.0	13.5
Q. Rocklin EBDX *	-750 -12 -150 -12	AG	1169	1.1	.0	13.5
R. Rocklin EBDX *	150 -12 750 -12	AG	998	1.1	.0	10.0
S. Rocklin WBDX *	750 12 150 12	AG	500	1.1	.0	13.5
T. Rocklin WBDX *	-150 12 -750 12	AG	729	1.1	.0	11.8

III. RECEPTOR LOCATIONS

RECEPTOR	* COORDINATES (M)	Z
	X Y	
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. WS 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  
 RUN: 2025 Pp w Do (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	278.	.6	.1	.0	.0	.0	.0	.0	.2	.0
2. NW	169.	.5	.0	.0	.0	.2	.0	.0	.0	.0
3. SW	8.	.6	.0	.0	.0	.0	.0	.1	.0	.0
4. NE	188.	.5	.2	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	277.	.4	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mbdlk	100.	.3	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	81.	.4	.0	.0	.0	.0	.0	.2	.0	.0
8. EN mbdlk	262.	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	351.	.5	.3	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	171.	.5	.0	.0	.0	.3	.0	.0	.0	.0
11. SW mbdlk	8.	.5	.0	.0	.0	.0	.3	.0	.0	.0
12. NE mbdlk	189.	.5	.0	.0	.3	.0	.0	.0	.0	.0
13. ES dlk	276.	.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	97.	.3	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlk	84.	.3	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlk	264.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	353.	.4	.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	188.	.4	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 Pp w Do (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 mbdlk	.0	.0	.1	.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	.1	.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	.2	.0	.0
14. WN dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
15. WS dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.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	.3	.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	.3	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 PP W Do  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

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

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VEH	EF (G/MI)	H (M)	W (M)
A. Horsesho NBA	7	-150	7	0	* AG	708	1.7	.0	10.0
B. Horsesho NBD	7	0	7	150	* AG	1267	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	556	1.7	.0	10.0
E. Horsesho SBD	-7	0	-7	-150	* AG	644	1.2	.0	10.0
F. Horsesho SBL	-5	150	0	0	* AG	462	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	0	* AG	584	1.2	.0	10.0
I. Taylor R EBL	-150	-2	0	0	* AG	7	2.0	.0	10.0
J. Taylor R MBA	150	5	0	5	* AG	675	1.7	.0	11.8
K. Taylor R WBL	0	5	-150	0	* AG	31	1.2	.0	10.0
L. Taylor R WBL	150	2	0	0	* AG	90	2.0	.0	10.0
M. Horsesho NBA	7	-750	7	-150	* AG	716	1.1	.0	10.0
N. Horsesho NBD	7	150	7	750	* AG	1267	1.1	.0	10.0
O. Horsesho SBA	-7	750	-7	150	* AG	1018	1.1	.0	10.0
P. Horsesho SBD	-7	-150	-7	-750	* AG	644	1.1	.0	10.0
Q. Taylor EBA	-750	-4	-130	-4	* AG	27	1.1	.0	10.0
R. Taylor EBD	150	-4	750	-4	* AG	584	1.1	.0	10.0
S. Taylor EBL	750	5	150	5	* AG	765	1.1	.0	11.8
T. Taylor WBD	-150	5	-750	5	* AG	31	1.1	.0	10.0

JOB: Rocklin Commons  
 RUN: 2025 PP W Do  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
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 mdbl	150	-10	1.8
6. WN mdbl	-150	12	1.8
7. WS mdbl	-150	-10	1.8
8. EN mdbl	150	13	1.8
9. SE mdbl	14	-150	1.8
10. NW mdbl	-14	150	1.8
11. SW mdbl	-14	-150	1.8
12. NE mdbl	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 Pp w Do (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	351.	.5	.0	.2	.0	.0	.0	.0	.0	.0
2. NW	96.	.4	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	8.	.3	.0	.0	.0	.1	.0	.0	.0	.0
4. NE	351.	.4	.0	.2	.0	.0	.0	.0	.0	.0
5. ES mbdlk	282.	.3	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mbdlk	92.	.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	260.	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	354.	.3	.2	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	170.	.4	.0	.0	.0	.1	.0	.1	.0	.0
11. SW mbdlk	7.	.3	.0	.0	.0	.0	.1	.0	.0	.0
12. NE mbdlk	188.	.4	.0	.2	.0	.0	.0	.0	.0	.0
13. ES b1k	277.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN b1k	91.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS b1k	87.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN b1k	264.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE b1k	354.	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW b1k	173.	.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW b1k	6.	.2	.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 Pp w Do (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	* BRG (DEG)	* CONC (PPM)	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
2. NW	96.	.4	.0	.1	.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
4. NE	351.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	282.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	92.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	87.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	260.	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	354.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	170.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	7.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	188.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES b1k	277.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
14. WN b1k	91.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS b1k	87.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN b1k	264.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
17. SE b1k	354.	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
18. NW b1k	173.	.3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
19. SW b1k	6.	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
20. NE b1k	187.	.3	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 PP W Do (WORST CASE ANGLE)  
 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)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/M)	H (M)	W (M)
A. Horsesho NBA	9	-150	9	0	AG	684	1.7	.0	13.5
B. Horsesho NBD	9	0	9	150	AG	632	1.2	.0	11.8
C. Horsesho NBL	5	-150	0	0	AG	169	2.0	.0	10.0
D. Horsesho SBA	-7	150	-7	0	AG	677	2.0	.0	10.0
E. Horsesho SBD	-7	0	-7	-150	AG	531	1.2	.0	10.0
F. Horsesho SBL	-5	150	0	0	AG	31	2.0	.0	10.0
G. I-80 WB EBA	-150	-5	0	-5	AG	175	1.6	.0	11.8
H. I-80 WB EBD	0	-5	0	-5	AG	272	1.1	.0	10.0
I. I-80 WB EBL	-150	0	-2	0	AG	91	2.0	.0	10.0
J. I-80 WB WBA	150	0	7	0	AG	103	1.6	.0	10.0
K. I-80 WB WBD	0	7	7	0	AG	653	1.1	.0	10.0
L. I-80 WB WBL	150	0	5	0	AG	158	2.0	.0	10.0
M. Horsesh NBRX	9	-750	9	-150	AG	853	1.1	.0	13.5
N. Horsesh NBDX	9	150	9	750	AG	632	1.1	.0	10.0
O. Horsesh SBX	-7	750	-7	150	AG	708	1.1	.0	10.0
P. Horsesh SBDX	-7	-150	-7	-750	AG	531	1.1	.0	10.0
Q. I-80 WB EBX	-750	-5	-150	-5	AG	266	1.1	.0	11.8
R. I-80 WB EBDX	150	-5	750	-5	AG	272	1.1	.0	10.0
S. I-80 WB EBX	750	7	150	7	AG	261	1.1	.0	10.0
T. I-80 WB WBDX	-150	7	-750	7	AG	653	1.1	.0	10.0

JOB: Rocklin Commons  
 RUN: 2025 PP W Do (WORST CASE ANGLE)  
 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 mdblk	150	-12	1.8
6. WN mdblk	-150	14	1.8
7. WS mdblk	-150	-13	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	16	150	1.8
13. ES dlk	600	-12	1.8
14. WN 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

□

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

JOB: Rocklin Commons (WORST CASE ANGLE)  
RUN: 2025 PR W DO  
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.	.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	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	276.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	98.	.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	264.	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	.3	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	173.	.3	.0	.0	.0	.2	.0	.0	.0	.0
11. SW mdblk	7.	.2	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	187.	.2	.0	.1	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.2	.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

□

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

JOB: Rocklin Commons (WORST CASE ANGLE)  
RUN: 2025 PR W DO  
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	.1	.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	.1
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	.1	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.1	.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	.1	.0	.0	.0	.0	.0	.0

□

JOB: Rocklin Commons  
 RUN: 2025 Pp w Do  
 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	VPH	EF (G/MT)	H (M)	W (M)
A.	Horsesho NBA *	4	-150	4	0	* AG	634	1.8	.0	10.0
B.	Horsesho NBD *	4	0	4	0	* AG	881	1.4	.0	10.0
C.	Horsesho NBL *	2	-150	0	0	* AG	0	1.1	.0	10.0
D.	Horsesho SBA *	-4	150	0	0	* AG	358	1.5	.0	10.0
E.	Horsesho SHD *	-4	0	-4	0	* AG	464	1.2	.0	10.0
F.	Horsesho SBL *	-2	150	0	0	* AG	111	2.0	.0	10.0
G.	I-80 EB EBA *	-150	0	0	0	* AG	0	1.1	.0	10.0
H.	I-80 EB EBL *	0	0	150	0	* AG	212	1.2	.0	10.0
I.	I-80 EB EBD *	-150	0	-2	0	* AG	0	1.1	.0	10.0
J.	I-80 EB WBA *	150	0	0	0	* AG	348	2.1	.0	10.0
K.	I-80 EB WBD *	0	0	-150	0	* AG	0	1.1	.0	10.0
L.	I-80 EB WBL *	150	0	5	0	* AG	106	2.0	.0	10.0
M.	Horsesh NBAX *	4	-750	4	-150	* AG	634	1.1	.0	10.0
N.	Horsesh NBDX *	4	150	4	750	* AG	881	1.1	.0	10.0
O.	Horsesh NBLX *	-4	750	-4	150	* AG	469	1.1	.0	10.0
P.	Horsesh SBX *	-4	-150	-4	-750	* AG	464	1.1	.0	10.0
Q.	I-80 EB EBX *	-750	0	-150	0	* AG	0	1.1	.0	10.0
R.	I-80 EB EBDX *	150	0	750	0	* AG	212	1.1	.0	10.0
S.	I-80 EB WBX *	750	0	150	0	* AG	454	1.1	.0	10.0
T.	I-80 EB WBDX *	-150	0	-750	0	* AG	0	1.1	.0	10.0

JOB: Rocklin Commons  
 RUN: 2025 Pp w Do  
 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 mdblk *	150	-7	1.8
6. WN mdblk *	-150	12	1.8
7. WS mdblk *	-150	-7	1.8
8. EN mdblk *	150	12	1.8
9. SE mdblk *	10	-150	1.8
10. NW mdblk *	-10	150	1.8
11. SW mdblk *	-10	-150	1.8
12. NE mdblk *	10	150	1.8
13. ES blk *	600	-7	1.8
14. WN blk *	-600	12	1.8
15. WS blk *	-600	-7	1.8
16. EN blk *	600	12	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 PP w Do (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	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.	.2	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	187.	.3	.1	.0	.0	.0	.0	.0	.0	.0
5. ES mdbl	282.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdbl	92.	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdbl	88.	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdbl	260.	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdbl	354.	.3	.2	.0	.0	.0	.0	.0	.0	.0
10. NW mdbl	172.	.3	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdbl	7.	.2	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdbl	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. NS blk	89.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	284.	.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  
 RUN: 2025 PP w Do (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 mdbl	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdbl	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdbl	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdbl	.0	.1	.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. NS 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	.1	.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



JOB: Rocklin Commons  
 RUN: 2025 PP W Do  
 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  
 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.	Barton R NBA	4	-150	4	0	* AG	122	1.9	.0	10.0
B.	Barton R NBD	4	0	4	150	* AG	0	1.1	.0	10.0
C.	Barton R NBL	2	-150	0	0	* AG	145	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	422	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	583	1.1	.0	10.0
H.	Brace Rd EBD	0	-4	150	-4	* AG	481	1.2	.0	10.0
I.	Brace Rd EBL	-150	-2	0	0	* AG	0	1.1	.0	10.0
J.	Brace Rd WBA	0	4	0	4	* AG	221	1.5	.0	10.0
K.	Brace Rd WBD	0	4	-150	4	* AG	366	1.2	.0	10.0
L.	Brace Rd WBL	150	2	0	0	* AG	198	2.0	.0	10.0
M.	Barton NBA	4	-750	4	-150	* AG	267	1.1	.0	10.0
N.	Barton NBD	4	750	4	150	* AG	0	1.1	.0	10.0
O.	Barton SBA	0	-150	0	-750	* AG	422	1.1	.0	10.0
P.	Barton SBD	0	-750	-4	-150	* AG	583	1.1	.0	10.0
Q.	Brace R EBA	-750	-4	0	-4	* AG	481	1.1	.0	10.0
R.	Brace R EBD	150	-4	150	-4	* AG	419	1.1	.0	10.0
S.	Brace R EBL	150	4	150	4	* AG	366	1.1	.0	10.0
T.	Brace R WBA	-150	4	-750	4	* AG	0	1.1	.0	10.0

□

JOB: Rocklin Commons  
 RUN: 2025 PP W Do  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

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.	WS 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 PP W DO (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGTR= 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	VBH	EF (G/MT)	H (M)	W (M)
A.	Barton R NBA *	4	-150	4	0	* AG	102	1.5	.0	10.0
B.	Barton R NBD *	4	0	4	150	* AG	317	1.2	.0	10.0
C.	Barton R NEU *	2	-150	0	0	* AG	307	2.1	.0	10.0
D.	Barton R SBA *	-4	150	0	0	* AG	346	1.5	.0	10.0
E.	Barton R SBD *	-4	0	-4	-150	* AG	806	1.2	.0	10.0
F.	Barton R SBL *	-2	150	0	0	* AG	0	1.1	.0	10.0
G.	Rocklin EBA *	-150	-5	0	-5	* AG	632	2.1	.0	10.0
H.	Rocklin EBD *	0	-5	150	-5	* AG	0	1.1	.0	10.0
I.	Rocklin EBI *	-150	0	0	0	* AG	215	2.1	.0	10.0
J.	Rocklin EBA *	150	0	0	0	* AG	0	1.1	.0	10.0
K.	Rocklin WBD *	0	0	-150	0	* AG	479	1.8	.0	10.0
L.	Rocklin WBI *	150	0	0	0	* AG	0	1.1	.0	10.0
M.	Barton NBA *	4	-750	4	-150	* AG	409	1.1	.0	10.0
N.	Barton NBD *	4	150	4	750	* AG	317	1.1	.0	10.0
O.	Barton NEU *	-4	750	-4	150	* AG	346	1.1	.0	10.0
P.	Barton SBA *	-4	-150	0	0	* AG	806	1.1	.0	10.0
Q.	Rocklin EBA *	-750	-5	-150	-5	* AG	847	1.1	.0	10.0
R.	Rocklin EBD *	150	-5	750	-5	* AG	0	1.1	.0	10.0
S.	Rocklin EBI *	750	0	150	0	* AG	0	1.1	.0	10.0
T.	Rocklin WBD *	-150	0	-750	0	* AG	479	1.1	.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z	
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 mdbl	150	-12	1.8
6.	WN mdbl	-150	7	1.8
7.	WS mdbl	-150	-12	1.8
8.	EN mdbl	150	7	1.8
9.	SE mdbl	10	-150	1.8
10.	NW mdbl	-10	150	1.8
11.	SW mdbl	-10	-150	1.8
12.	NE mdbl	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 PP W DO (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide



JOB: Rocklin Commons  
 RUN: 2025 PP W Do (WORST CASE ANGLE)  
 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)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VEH	EF (G/MT)	H (M)	W (M)
A.	Sierra C NBA	9	-150	9	0	AG	1160	1.6	.0	13.5
B.	Sierra C NBD	9	0	9	150	AG	1368	1.2	.0	11.8
C.	Sierra C NBL	5	-150	0	0	AG	2	2.0	.0	10.0
D.	Sierra C SBA	-9	150	-9	0	AG	812	1.5	.0	13.5
E.	Sierra C SBD	-9	0	-9	-150	AG	821	1.2	.0	11.8
F.	Sierra C SBL	-5	150	0	0	AG	358	2.1	.0	10.0
G.	King Rd. EBA	-150	-4	0	-4	AG	38	1.9	.0	10.0
H.	King Rd. EBD	0	0	150	-4	AG	462	1.3	.0	10.0
I.	King Rd. EBL	-150	-2	0	0	AG	61	2.0	.0	10.0
J.	King Rd. WBA	150	4	0	4	AG	223	1.9	.0	10.0
K.	King Rd. WBD	0	4	-150	0	AG	17	1.2	.0	10.0
L.	King Rd. WBL	150	2	0	0	AG	14	2.0	.0	10.0
M.	Sierra NBAX	9	-750	9	-150	AG	1162	1.1	.0	13.5
N.	Sierra NBDX	9	150	9	750	AG	1368	1.1	.0	11.8
O.	Sierra NBLX	-9	-750	-9	150	AG	1170	1.1	.0	13.5
P.	Sierra SBX	-9	150	-9	-750	AG	821	1.1	.0	11.8
Q.	King Rd EBAX	-750	-4	-150	-4	AG	99	1.1	.0	10.0
R.	King Rd EBDX	150	-4	750	-4	AG	462	1.1	.0	10.0
S.	King Rd WBAX	750	4	150	4	AG	237	1.1	.0	10.0
T.	King Rd WBDX	-150	4	-750	4	AG	17	1.1	.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z	
1.	SE	17	-10	1.8
2.	NW	-17	10	1.8
3.	SW	-16	-10	1.8
4.	NE	16	10	1.8
5.	ES mdblX	150	-10	1.8
6.	WN mdblX	-150	10	1.8
7.	WS mdblX	-150	-10	1.8
8.	EN mdblX	150	10	1.8
9.	SE mdblX	17	-150	1.8
10.	NW mdblX	-17	150	1.8
11.	SW mdblX	-16	-150	1.8
12.	NE mdblX	16	150	1.8
13.	ES blk	600	-10	1.8
14.	WN blk	-600	10	1.8
15.	WS blk	-600	-10	1.8
16.	EN blk	600	10	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 PP W Do (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

□

JOB: Rocklin Commons  
 RUN: 2025 PP w Do (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	.2	.0	.0	.0	.0	.0	.0
2. NW	* 9.	* .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	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblX	* 280.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
6. WS mdblX	* 93.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblX	* 86.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblX	* 261.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblX	* 353.	* .4	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblX	* 171.	* .4	.0	.0	.0	.2	.0	.0	.0	.0
11. SW mdblX	* 7.	* .3	.0	.0	.0	.0	.1	.0	.0	.0
12. NE mdblX	* 189.	* .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	* 284.	* .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	* 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 PP w Do (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 mdblX	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WS mdblX	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblX	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblX	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblX	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblX	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblX	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblX	* .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	.2	.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 Pp W Do  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLASS= 7 (G)  
 MIXH= 1000. M  
 SIGH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 RWS= .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	5	-150	5	0	* AG	1370	1.6	.0	13.5
B. Sierra C NBD	5	0	5	150	* AG	1422	1.2	.0	11.8
C. Sierra C NBL	2	-150	0	0	* AG	0	1.1	.0	10.0
D. Sierra C SBA	-7	150	-7	0	* AG	781	1.6	.0	10.0
E. Sierra C SBD	-7	0	-7	-150	* AG	841	1.2	.0	10.0
F. Sierra C SBL	-5	150	0	0	* AG	258	2.1	.0	10.0
G. English EBA	-150	0	0	0	* AG	0	1.1	.0	10.0
H. English EBD	0	0	150	0	* AG	384	1.2	.0	10.0
I. English EBL	-150	0	-2	0	* AG	0	1.1	.0	10.0
J. English WBA	150	0	4	0	* AG	178	1.9	.0	10.0
K. English WBL	0	0	-150	4	* AG	0	1.1	.0	10.0
L. English WBD	150	0	2	0	* AG	60	2.0	.0	10.0
M. Sierra NBAX	5	-750	5	-150	* AG	1370	1.1	.0	13.5
N. Sierra NBDX	5	150	5	750	* AG	1422	1.1	.0	11.8
O. Sierra NBLX	-7	750	-7	150	* AG	1039	1.1	.0	10.0
P. Sierra SBA	-7	-150	-7	-750	* AG	841	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	384	1.1	.0	10.0
S. English EBL	750	0	4	150	* AG	238	1.1	.0	10.0
T. English WBDX	-150	4	-750	4	* AG	0	1.1	.0	10.0

JOB: Rocklin Commons  
 RUN: 2025 Pp W Do  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

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 mdbl	150	-7	1.8
6. WN mdbl	-150	10	1.8
7. WS mdbl	-150	-7	1.8
8. EN mdbl	150	10	1.8
9. SE mdbl	-14	-150	1.8
10. NW mdbl	14	150	1.8
11. SW mdbl	-14	-150	1.8
12. NE mdbl	13	150	1.8
13. ES dlk	600	-7	1.8
14. WS dlk	-600	10	1.8
15. WN dlk	-600	-7	1.8
16. EN dlk	600	10	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	13	600	1.8

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 Pp W Do  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DRG)	PREL CONC (PPM)	A	B	C	D	E	F	G	H	CONC/LINK (PPM)
1. SE	351.	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0
2. NW	8.	.4	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW	8.	.4	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NE	187.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	280.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	92.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	88.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	260.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	.4	.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	7.	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0
12. NE mdblk	187.	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	89.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.3	.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	7.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: 2025 Pp W Do  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T	CONC/LINK (PPM)
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	.0	.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 mdblk	.0	.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	.0
7. WS mdblk	.0	.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	.0
9. SE mdblk	.0	.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	.0
11. SW mdblk	.0	.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	.0
13. ES blk	.0	.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	.0
15. WS blk	.0	.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	.0
17. SE blk	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0



JOB: Rocklin Commons  
 RUN: 2025 PP w Do  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CIAS= 7 (G)  
 MIXR= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 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	* LINK COORDINATES (M)	* TYPE	VPH	EF (G/M)	H (M)	W (M)
	X1 Y1 X2 Y2					
A. Taylor R NBA	9 -150 9 0	* AG	621	1.5	.0	13.5
B. Taylor R NBD	9 0 9 150	* AG	617	1.2	.0	11.8
C. Taylor R NBI	5 -150 0 0	* AG	341	2.1	.0	10.0
D. Taylor R SBA	-9 150 -9 0	* AG	294	1.5	.0	13.5
E. Taylor R SBI	-9 0 -9 -150	* AG	664	1.2	.0	11.8
F. Taylor R SBL	-5 150 0 0	* AG	94	2.0	.0	10.0
G. Taylor Rd. EBA	-150 -7 0 -7	* AG	476	2.1	.0	10.0
H. King Rd. EBD	0 -7 150 0	* AG	509	2.0	.0	10.0
I. King Rd. EBI	-150 -5 0 0	* AG	125	2.0	.0	10.0
J. King Rd. MBA	150 7 7 0	* AG	205	1.9	.0	10.0
K. King Rd. WBD	0 7 -150 0	* AG	469	1.3	.0	10.0
L. King Rd. WBI	150 5 0 0	* AG	103	2.0	.0	10.0
M. Taylor NBAX	9 -750 9 -150	* AG	962	1.1	.0	13.5
N. Taylor NBAX	9 150 9 750	* AG	617	1.1	.0	11.8
O. Taylor SBAX	-9 750 -9 150	* AG	388	1.1	.0	13.5
P. Taylor SBDX	-9 -150 -9 -750	* AG	664	1.1	.0	11.8
Q. King Rd EBAX	-750 -7 -150 -7	* AG	601	1.1	.0	10.0
R. King Rd EBDX	150 -7 750 -7	* AG	509	1.1	.0	10.0
S. King Rd WBAX	750 7 150 7	* AG	308	1.1	.0	10.0
T. King Rd WBDX	-150 7 -750 7	* AG	469	1.1	.0	10.0

JOB: Rocklin Commons  
 RUN: 2025 PP w Do  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

III. RECEPTOR LOCATIONS

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

JOB: Rocklin Commons  
 RUN: 2025 PP w Do  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PRD CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	278.	.4	.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	.1
4. NE	189.	.3	.0	.0	.0	.0	.0	.0	.0	.1
5. ES mbdlk	276.	.3	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mbdlk	98.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	83.	.3	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mbdlk	262.	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	351.	.3	.1	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	174.	.2	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	9	.3	.0	.0	.0	.0	.1	.0	.0	.0
12. NE mbdlk	189.	.2	.0	.0	.0	.0	.0	.0	.0	.0
13. ES bdk	275.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	84.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bdk	264.	.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	353.	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW bdk	174.	.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW bdk	7.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bdk	186.	.2	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 PP w Do  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

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

RECEPTOR	BRG (DEG)	PRD CONC (PPM)	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	278.	.4	.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 mbdlk	276.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	98.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	83.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	262.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	351.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	174.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	189.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES bdk	275.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	84.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
16. EN bdk	264.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	353.	.2	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
18. NW bdk	174.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW bdk	7.	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
20. NE bdk	186.	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: 2025 PP W Do  
 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  
 AVB= .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. Granite NBA *	5	-150	5	0	AG	962	1.6	.0	13.5
B. Granite NBD *	5	0	5	150	AG	791	1.2	.0	10.0
C. Granite NBL *	2	-150	0	0	AG	0	1.1	.0	10.0
D. Granite SBA *	-7	150	-7	0	AG	403	1.5	.0	10.0
E. Granite SBD *	-7	0	-7	-150	AG	488	1.2	.0	10.0
F. Granite SBL *	-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 EBL *	0	0	150	0	AG	171	1.2	.0	10.0
I. Project EBA *	-150	-2	0	0	AG	0	1.1	.0	10.0
J. Project WBA *	150	9	0	9	AG	0	1.1	.0	10.0
K. Project WBD *	0	9	-150	0	AG	85	2.0	.0	10.0
L. Project WBL *	150	9	0	0	AG	962	1.1	.0	10.0
M. Granite NBA *	5	-750	5	-150	AG	962	1.1	.0	13.5
N. Granite NBD *	5	150	5	750	AG	791	1.1	.0	10.0
O. Granite NBL *	-7	750	-7	150	AG	403	1.1	.0	10.0
P. Granite SBA *	-7	-150	-7	-750	AG	488	1.1	.0	10.0
Q. Project EBA *	-750	0	-150	0	AG	0	1.1	.0	10.0
R. Project EBD *	150	9	750	0	AG	171	1.1	.0	10.0
S. Project EBL *	750	9	150	9	AG	85	1.1	.0	10.0
T. Project WBA *	-150	9	-750	9	AG	0	1.1	.0	10.0

JOB: Rocklin Commons  
 RUN: 2025 PP W Do  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

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 mbdlk *	150	-7	1.8
6. WN mbdlk *	-150	15	1.8
7. WS mbdlk *	-150	-7	1.8
8. EN mbdlk *	150	15	1.8
9. SE mbdlk *	14	-150	1.8
10. NW mbdlk *	-14	150	1.8
11. SW mbdlk *	-14	-150	1.8
12. NE mbdlk *	12	150	1.8
13. ES dlk *	600	-7	1.8
14. WN dlk *	-600	15	1.8
15. WS dlk *	-600	-7	1.8
16. EN dlk *	600	15	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 *	12	600	1.8

□

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
JUNE 1989 VERSION  
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JOB: Rocklin Commons  
RUN: 2025 P.P. W Do  
POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	* BRG * (DEG)	* PREC * CONC * (PPM)	A	B	C	D	E	F	G	H
1. SE	188.	.3	.2	.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.	.3	.2	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	279.	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	94.	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	89.	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	257.	.0	.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.	.2	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	8.	.2	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	186.	.2	.0	.1	.0	.0	.0	.0	.0	.0
13. ES b1k	275.	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN b1k	93.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS b1k	91.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN b1k	264.	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE b1k	354.	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW b1k	173.	.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW b1k	7.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE b1k	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  
RUN: 2025 P.P. W Do  
POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

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

RECEPTOR	* BRG * (DEG)	* PREC * CONC * (PPM)	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	188.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	172.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	172.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	186.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	279.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	94.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	89.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	257.	.0	.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.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	8.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	186.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES b1k	275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN b1k	93.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS b1k	91.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN b1k	264.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE b1k	354.	.2	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW b1k	173.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW b1k	7.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE b1k	186.	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0

□