

8-hour simulated maximum ozone (ppb) during the July 1999 episode when anthropogenic NOx and VOC are reduced 40%

	BA		SAC		Central SJV		Southern SJV	
NOx and VOC reductions over the entire CCOS domain								
	NV0	NV40	NV0	NV40	NV0	NV40	NV0	NV40
7/11	129	113	107	91	98	86	78	70
7/12	135	118	117	103	92	81	80	75
NOx and VOC reductions in the BA only								
	NV0	NV40	NV0	NV40	NV0	NV40	NV0	NV40
7/11	129	116	107	104	98	97	78	78
7/12	135	121	117	116	92	92	80	80
NOx and VOC reductions in the SAC area only								
	NV0	NV40	NV0	NV40	NV0	NV40	NV0	NV40
7/11	129	128	107	95	98	98	78	78
7/12	135	135	117	106	92	92	80	80
NOx and VOC reductions in the SJV area only								
	NV0	NV40	NV0	NV40	NV0	NV40	NV0	NV40
7/11	129	128	107	106	98	88	78	71
7/12	135	134	117	116	92	82	80	75

NV0: 0% NOx and VOC reductions
 NV40: 40% NOx and VOC reductions

8-hour simulated maximum ozone (ppb) during the July-Aug 2000 episode when anthropogenic NOx and VOC are reduced 40%

	BA		SAC		Central SJV		Southern SJV	
NOx and VOC reductions over the entire CCOS domain								
	NV0	NV40	NV0	NV40	NV0	NV40	NV0	NV40
7/31	104	98	100	92	100	88	99	88
8/1	98	93	106	92	104	91	87	79
8/2	83	80	92	83	102	89	90	84
NOx and VOC reductions in the BA only								
	NV0	NV40	NV0	NV40	NV0	NV40	NV0	NV40
7/31	104	102	100	99	100	97	99	97
8/1	98	95	106	103	104	103	87	86
8/2	83	81	92	89	102	101	90	89
NOx and VOC reductions in the SAC area only								
	NV0	NV40	NV0	NV40	NV0	NV40	NV0	NV40
7/31	104	102	100	94	100	99	99	99
8/1	98	98	106	97	104	102	87	87
8/2	83	83	92	87	102	101	90	89
NOx and VOC reductions in the SJV area only								
	NV0	NV40	NV0	NV40	NV0	NV40	NV0	NV40
7/31	104	104	100	100	100	92	99	91
8/1	98	98	106	105	104	96	87	81
8/2	83	83	92	92	102	94	90	87

NV0: 0% NOx and VOC reductions
 NV40: 40% NOx and VOC reductions

8-hour simulated maximum ozone (ppb) during the July 1999 episode when anthropogenic NO_x is reduced 40%

	BA		SAC		Central SJV		Southern SJV	
NO _x reductions over the entire CCOS domain								
	N0	N40	N0	N40	N0	N40	N0	N40
7/11	129	120	107	94	98	90	78	74
7/12	135	126	117	107	92	86	80	80
NO _x reductions in the BA only								
	N0	N40	N0	N40	N0	N40	N0	N40
7/11	129	122	107	105	98	98	78	78
7/12	135	128	117	117	92	92	80	80
NO _x reductions in the SAC area only								
	N0	N40	N0	N40	N0	N40	N0	N40
7/11	129	128	107	97	98	98	78	78
7/12	135	135	117	109	92	92	80	80
NO _x reductions in the SJV area only								
	N0	N40	N0	N40	N0	N40	N0	N40
7/11	129	128	107	106	98	91	78	74
7/12	135	134	117	117	92	86	80	80

N0: 0% NO_x reduction
 N40: 40% NO_x reduction

8-hour simulated maximum ozone (ppb) during the July-Aug 2000 episode when anthropogenic NOx is reduced 40%

	BA		SAC		Central SJV		Southern SJV	
NOx reductions over the entire CCOS domain								
	N0	N40	N0	N40	N0	N40	N0	N40
7/31	104	104	100	97	100	91	99	91
8/1	98	99	106	95	104	96	87	81
8/2	83	84	92	86	102	93	90	89
NOx reductions in the BA only								
	N0	N40	N0	N40	N0	N40	N0	N40
7/31	104	106	100	100	100	99	99	98
8/1	98	100	106	104	104	104	87	87
8/2	83	86	92	90	102	102	90	90
NOx reductions in the SAC area only								
	N0	N40	N0	N40	N0	N40	N0	N40
7/31	104	103	100	98	100	100	99	99
8/1	98	98	106	98	104	103	87	87
8/2	83	83	92	89	102	101	90	90
NOx reductions in the SJV area only								
	N0	N40	N0	N40	N0	N40	N0	N40
7/31	104	104	100	100	100	94	99	93
8/1	98	98	106	106	104	98	87	82
8/2	83	83	92	92	102	96	90	91

N0: 0% NOx reduction
 N40: 40% NOx reduction

8-hour simulated maximum ozone (ppb) during the July 1999 episode when anthropogenic VOC is reduced 40%

	BA		SAC		Central SJV		Southern SJV	
VOC reductions over the entire CCOS domain								
	V0	V40	V0	V40	V0	V40	V0	V40
7/11	129	117	107	102	98	92	78	74
7/12	135	122	117	110	92	86	80	74
VOC reductions in the BA only								
	V0	V40	V0	V40	V0	V40	V0	V40
7/11	129	118	107	105	98	97	78	78
7/12	135	124	117	117	92	92	80	80
VOC reductions in the SAC area only								
	V0	V40	V0	V40	V0	V40	V0	V40
7/11	129	129	107	103	98	98	78	78
7/12	135	135	117	112	92	92	80	80
VOC reductions in the SJV area only								
	V0	V40	V0	V40	V0	V40	V0	V40
7/11	129	129	107	106	98	94	78	74
7/12	135	134	117	117	92	87	80	75

V0: 0% VOC reduction
V40: 40% VOC reduction

8-hour simulated maximum ozone (ppb) during the July-Aug 2000 episode when anthropogenic VOC is reduced 40%

	BA		SAC		Central SJV		Southern SJV	
VOC reductions over the entire CCOS domain								
	V0	V40	V0	V40	V0	V40	V0	V40
7/31	104	97	100	94	100	95	99	94
8/1	98	89	106	101	104	98	87	84
8/2	83	78	92	87	102	97	90	85
VOC reductions in the BA only								
	V0	V40	V0	V40	V0	V40	V0	V40
7/31	104	98	100	99	100	99	99	98
8/1	98	90	106	104	104	103	87	87
8/2	83	79	92	90	102	101	90	89
VOC reductions in the SAC area only								
	V0	V40	V0	V40	V0	V40	V0	V40
7/31	104	103	100	95	100	100	99	99
8/1	98	98	106	103	104	103	87	87
8/2	83	83	92	89	102	102	90	90
VOC reductions in the SJV area only								
	V0	V40	V0	V40	V0	V40	V0	V40
7/31	104	104	100	100	100	97	99	96
8/1	98	98	106	106	104	101	87	85
8/2	83	83	92	92	102	99	90	86

V0: 0% VOC reduction
V40: 40% VOC reduction

8-hour simulated maximum ozone (ppb) during the July 1999 episode when biogenic emissions are reduced 40%

	BA		SAC		Central SJV		Southern SJV	
BIO reductions over the entire CCOS domain								
	B0	B40	B0	B40	B0	B40	B0	B40
7/11	129	118	107	101	98	95	78	76
7/12	135	124	117	110	92	88	80	78
BIO reductions in the BA only								
	B0	B40	B0	B40	B0	B40	B0	B40
7/11	129	124	107	106	98	98	78	78
7/12	135	127	117	117	92	92	80	80
BIO reductions in the SAC area only								
	B0	B40	B0	B40	B0	B40	B0	B40
7/11	129	128	107	103	98	98	78	78
7/12	135	135	117	113	92	92	80	80
BIO reductions in the SJV area only								
	B0	B40	B0	B40	B0	B40	B0	B40
7/11	129	129	107	106	98	97	78	77
7/12	135	134	117	117	92	90	80	79

B0: 0% BIO reduction
 B40: 40% BIO reduction

8-hour simulated maximum ozone (ppb) during the July-Aug 2000 episode when biogenic emissions are reduced 40%

	BA		SAC		Central SJV		Southern SJV	
BIO reductions over the entire CCOS domain								
	B0	B40	B0	B40	B0	B40	B0	B40
7/31	104	96	100	93	100	96	99	96
8/1	98	90	106	98	104	98	87	85
8/2	83	78	92	85	102	96	90	86
BIO reductions in the BA only								
	B0	B40	B0	B40	B0	B40	B0	B40
7/31	104	100	100	99	100	99	99	98
8/1	98	93	106	105	104	103	87	87
8/2	83	80	92	91	102	102	90	89
BIO reductions in the SAC area only								
	B0	B40	B0	B40	B0	B40	B0	B40
7/31	104	102	100	95	100	100	99	99
8/1	98	98	106	102	104	103	87	87
8/2	83	83	92	88	102	101	90	90
BIO reductions in the SJV area only								
	B0	B40	B0	B40	B0	B40	B0	B40
7/31	104	103	100	100	100	99	99	98
8/1	98	98	106	106	104	102	87	86
8/2	83	83	92	92	102	101	90	89

B0: 0% BIO reduction
 B40: 40% BIO reduction