Appendix A

UAM Base-Year Model Performance Statistics and Graphical Evaluation

Statistical Analyses

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

SubRegional Descriptions

SubRegion 000 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
CATI	Catalina Isl (AV)	44	24	368.338	3696.859
CATA	Catalina AP (AV)	43	25	360.827	3701.062
CLEM	San ClemenSDCAPCD	43	13	360.772	3642.687
ROSA	Rosa	11	38	201.011	3767.582
SNI	San Nicholas Island	23	21	260.383	3682.870

SubRegion 001 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
LOMP	Lompoc-4350 Constell	7	54	182.435	3845.052
GLWF	Goleta-380 W Fairvie	19	47	241.171	3813.608
ATAS	Atascadero-6005 Lewi	4	71	167.308	3932.630
CPGB	Carpinteria-Gobernad	25	46	274.784	3809.034
ECSP	El Capitan State Par	15	48	222.842	3815.987
GAVE	Gaviota East-N Of Ch	12	48	206.051	3818.354
GAVW	Gaviota West-NW Of C	12	48	206.051	3818.354
GCTY	Grover City-9 Le Sag	5	63	170.360	3891.772
GTCB	Nojoqui Pass-GTC B H	12	49	207.757	3823.853
GTCC	Gaviota-GTC C 1 Mi E	12	48	207.582	3818.305
LFC1	Capitan-LFC #1 Las F	15	48	221.421	3819.730
LOSP	Los Padres NF-Paradi	19	49	244.541	3824.616
LPHS	Lompoc-HS&P Facility	8	54	187.080	3846.744
LPSH	Lompoc-128 S 'H' St	7	52	183.708	3837.602
MOBY	Morro Bay-Morro Bay	2	69	156.221	3920.083
NIPO	Nipomo-1300 Guadalup	5	61	174.522	3880.511
PTCL	Point Conception Lig	7	48	183.013	3817.260
SBWC	Santa Barbara-3 W. C	21	47	251.846	3811.467
SLOM	San Luis Obispo-1160	4	67	168.001	3910.379
SMSB	Santa Maria-500 S Br	8	59	186.376	3870.837
SYAP	Santa Ynez-Airport R	14	51	218.752	3832.766
UCSB	UCSB West Campus-Arc	18	47	236.471	3810.039
VBPP	Vandenberg AFB-Sts P	4	51	168.222	3832.590

SubRegion 002 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
ELRO	El Rio-Rio Mesa Scho	31	43	303.549	3791.740
EMMA	Emma Wood State Beac	28	44	286.748	3795.806
OJAI	Ojai-1768 Maricopa H	29	47	291.723	3812.339
PRTG	Piru-2SW, 2815 Teleg	37	46	332.978	3805.960
SVAL	Simi Valley-5400 Coc	40	43	345.024	3792.811
THOS	Oak View-5500 Casita	26	46	279.337	3807.076
TOMP	Thousand Oaks-9 2323	36	42	328.007	3785.712
LAGP	Point Mugu USN	32	40	309.499	3775.930

SubRegion 003 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)

BRBK	Burbank-228 W Palm A	47	41	380.176	3781.205
RSDA	Reseda-18330 Gault S	43	41	360.232	3783.329
CALB	Calabasas (AV)	41	40	351.388	3779.520
CSUN	Van Nuys NOAA	43	42	362.563	3786.899
SCLR	Santa ClarSCAQMD	42	46	358.986	3806.024
WILS	Mount WilsCE-CERT	51	42	402.367	3787.571

SubRegion 004 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
LKAR	Lake Arrowhead-27400	67	42	481.577	3786.003
AZSA	Azusa-803 N Loren Av	54	40	415.477	3777.125
BANH	Banning-135 N Allesa	73	35	512.325	3752.730
FONT	Fontana-14360 Arrow	61	39	453.879	3773.162
GLDR	Glendora-840 Laurel	55	40	421.624	3777.071
LELS	Lake Elsinore-506 W	64	30	469.097	3725.054
LGRE	Crestline-Lake Grego	66	42	475.441	3787.865
PERR	Perris-237 .5 N "D"	66	32	478.397	3737.963
PHEL	Phelan-Beekley & Phe	60	46	449.457	3808.298
POMA	Pomona-924 N. Garey	57	38	430.791	3769.607
RDLD	Redlands-500 N. Dear	68	38	486.156	3767.515
RUBI	Rubidoux-5888 Missio	63	37	461.521	3762.040
SANB	San Bernardino-24302	66	39	475.402	3773.081
SNBO	San Bernardino-ARB	58	39	438.493	3771.402
ULDS	Upland-155 "D" St	59	39	440.031	3771.392
CAJB	Cajon Pass (AV)	62	45	458.830	3803.663
CAJC	Cajon MDAQMD	62	45	458.894	3800.736
MBLD	Azusa CARB	59	42	442.827	3788.654
TCCC	Temecula SCAQMD	68	26	485.065	3709.556

SubRegion 005 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
ANAH	Anahiem-1610 S Harbo	54	33	416.706	3741.999
CMMV	Costa Mesa-2850 Mesa	54	30	415.015	3725.381
ELTR	El Toro-23022 El Tor	58	28	436.612	3719.670
HAWH	Hawthorne-5234 W. 12	45	35	373.661	3753.563
LANM	Los Angeles-1630 N M	48	39	386.188	3770.040
LHAB	La Habra-621 W. Lamb	53	35	412.180	3753.128
LYNW	Lynwood-11220 Long B	48	35	389.069	3753.370
NLGB	Long Beach-3648 N Lo	49	33	390.482	3742.264
PDSW	Pasadena-752 S. Wils	50	39	398.512	3771.747
VALA	W Los Angeles-VA Hos	44	38	366.166	3768.454
PICO	Pico Rivera-3713 San	51	37	403.031	3762.458
PVSP	Palos Verdes (AV)	46	31	376.317	3734.613

SubRegion 006 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
ALPN	Alpine-2300 Victoria	75	11	523.403	3630.800
CHVT	Chula Vista-80 E "J"	70	6	495.309	3608.603
DMMC	Del Mar-Miracosta Co	66	14	476.632	3645.581
ECAJ	El Cajon-1155 Redwoo	72	10	506.243	3627.079
ESCO	Escondido-600 E. Val	69	17	493.780	3664.031
OCEA	Oceanside-1701 Missi	64	19	465.824	3673.327
OTAY	Otay-1100 Paseo Inte	72	5	506.257	3604.909
SDOV	San Diego-5555 Overl	68	11	489.079	3630.779
SD12	San Diego-330A 12th	68	8	485.940	3617.850

BLKM	Black MounSDCAPCD	68	14	489.203	3649.069
PEND	Camp Del MSDCAPCD	63	20	463.087	3675.247
REDM	Fallbrook SDCAPCD	67	24	482.254	3695.518
SMPK	Deer SprinSDCAPCD	68	19	487.881	3671.612
SOLM	La Jolla SDCAPCD	66	11	476.604	3633.479
TILM	Tijuana 1 CARB	71	4	502.161	3595.415
TIPL	Tijuana 2 CARB	68	4	489.151	3597.222
TITT	Tijuana 3 CARB	71	4	501.409	3598.441
VCEN	Valley CenSDCAPCD	70	20	497.722	3676.871
WSPR	Warner SprSDCAPCD	76	22	529.371	3686.862

SubRegion 007 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
BKGS	Bakersfield-1138 Gol	34	68	318.335	3917.192
BLFC	Bakersfield-5558 Cal	34	67	315.231	3913.556
ARVN	Arvin-20401 Bear Mtn	38	64	337.652	3896.481
EDSN	Edison-Johnson Farm	37	67	331.858	3911.381
OLDL	Oildale-3311 Manor S	34	69	318.448	3922.739
SHFT	Shafter-548 Walker S	29	71	294.407	3930.657

SubRegion 008 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
MOJP	Mojave-923 Poole St	50	60	396.640	3878.977
HESP	Hesperia-17288 Olive	65	46	473.963	3808.197
LANC	Lancaster-315 W. Pon	50	52	397.707	3838.298
VICT	Victorville-14029 Am	65	48	470.773	3817.551
TEHP	Monolith CE-CERT	45	62	374.316	3886.345

SubRegion 009 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
CALE	Calexico-Calexico HS	99	8	643.784	3615.183
CLXC	Calexico-900 Grant S	99	8	640.658	3615.138
EC9S	El Centro-150 9th St	98	10	635.792	3628.008
INDO	Indio-46-990 Jackson	85	30	574.140	3728.987
JOSH	Joshua Tree National	82	38	556.905	3769.525
MEXI	Mexicali 1	101	7	650.302	3610.045
MEXT	Mexicali 2	101	5	654.966	3604.664
MEXU	Mexicali 3	100	7	645.747	3611.053
PALM	Palm Springs-Fs 590	79	34	543.172	3745.428
TNPM	Twentynine Palms-607	88	40	587.597	3777.153
CLXE	Calexico CARB	101	8	650.856	3616.181
MEXA	Mexicali CARB	100	7	647.525	3614.356

* * * Model Performance Evaluation * * *

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Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0000	SubRegion	20	10.0	20	3.8	13	-7	0.38	-4.5	4.5	-0.56	0.56	-0.23
	Subregional Peak:				12.8	14	-6	1.28	(at cell 40 x 37)				
CATA	Catalina AP (AV)	1	7.0	0	3.5	0	0	0.49	-0.5	0.5	-11.15	11.15	-99.00
CLEM	San ClemenSDCAPCD	19	10.0	20	3.8	13	-7	0.38	-0.6	0.6	-0.59	0.59	-0.23

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0001	SubRegion	7	8.0	13	6.0	16	3	0.76	-1.7	1.7	-0.23	0.23	0.29
	Subregional Peak:				8.8	14	1	1.11	(at cell 08 x 66)				
ATAS	Atascadero-6005 Lewi	4	8.0	13	5.9	14	1	0.74	-0.3	0.3	-0.40	0.40	0.87
LOSP	Los Padres NF-Paradi	3	7.0	15	6.0	16	1	0.86	-0.2	0.2	-0.53	0.53	-99.00

* * * Model Performance Evaluation * * *

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			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0002	SubRegion	30	9.0	12	9.6	16	4	1.07	-2.3	2.7	-0.29	0.34	-0.13
	Subregional Peak:				9.9	15	3	1.10	(at cell 39 x 43)				
OJAI	Ojai-1768 Maricopa H	3	8.0	11	5.1	12	1	0.63	-0.4	0.4	-2.94	3.43	0.74
PRTG	Piru-2SW, 2815 Teleg	3	7.0	11	6.5	13	2	0.93	-0.2	0.2	-2.94	3.43	0.74

SVAL	Simi Valley-5400 Coc	7	9.0	12	9.6	16	4	1.07	-0.1	0.3	-1.26	1.47	-0.23
TOMP	Thousand Oaks-9 2323	3	7.0	12	5.9	14	2	0.84	-0.2	0.2	-2.94	3.43	-99.00
LAGP	Point Mugu USN	14	9.0	11	6.3	13	2	0.70	-0.4	0.4	-0.63	0.73	-0.03

* * * Model Performance Evaluation * * *

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			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0003	SubRegion	23	10.0	13	12.0	18	5	1.20	-0.5	2.1	-0.05	0.27	-0.08
	Subregional Peak:				15.7	15	2	1.57	(at cell 42 x 40)				
BRBK	Burbank-228 W Palm A	2	9.0	13	6.2	13	0	0.69	-0.3	0.3	-0.58	3.08	-99.00
RSDA	Reseda-18330 Gault S	3	8.0	12	8.9	14	2	1.12	-0.1	0.3	-0.39	2.06	-0.83
CALB	Calabasas (AV)	3	8.0	11	8.9	13	2	1.11	-0.1	0.3	-0.39	2.06	-0.83
CSUN	Van Nuys NOAA	4	10.0	13	8.5	14	1	0.85	-0.3	0.3	-0.29	1.54	0.37
SCLR	Santa ClarSCAQMD	4	10.0	13	8.9	15	2	0.89	-0.1	0.1	-0.29	1.54	0.57
WILS	Mount WilsCE-CERT	7	9.0	14	12.0	18	4	1.33	0.2	0.3	-0.17	0.88	-0.65

* * * Model Performance Evaluation * * *

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Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0004	SubRegion	134	14.0	16	17.8	18	2	1.27	1.0	2.6	0.13	0.31	0.35
	Subregional Peak:				18.7	17	1	1.33	(at cell 74 x 36)				
LKAR	Lake Arrowhead-27400	16	14.0	16	17.8	18	2	1.27	0.1	0.5	1.12	2.62	0.17
AZSA	Azusa-803 N Loren Av	5	10.0	14	8.9	14	0	0.89	-0.1	0.1	3.58	8.39	0.56
BANH	Banning-135 N Allesa	12	13.0	15	17.2	17	2	1.32	0.1	0.3	1.49	3.50	0.71
FONT	Fontana-14360 Arrow	5	10.0	14	11.3	16	2	1.13	0.1	0.3	3.58	8.39	-0.27
GLDR	Glendora-840 Laurel	6	10.0	12	10.1	15	3	1.01	0.0	0.1	2.98	6.99	0.51
LELS	Lake Elsinore-506 W	9	10.0	13	14.3	15	2	1.43	0.5	0.6	1.99	4.66	0.36
LGRE	Crestline-Lake Grego	8	12.0	14	16.5	17	3	1.37	0.3	0.3	2.24	5.24	-0.01
PHEL	Phelan-Beekley & Phe	10	9.0	18	10.2	19	1	1.13	0.0	0.2	1.79	4.19	0.25
POMA	Pomona-924 N. Garey	3	9.0	13	8.6	14	1	0.96	0.0	0.2	5.96	13.98	0.03
RDLD	Redlands-500 N. Dear	9	12.0	14	17.0	16	2	1.41	0.3	0.3	1.99	4.66	0.51
RUBI	Rubidoux-5888 Missio	8	12.0	15	12.6	14	-1	1.05	0.1	0.2	2.24	5.24	0.67
SANB	San Bernardino-24302	6	11.0	14	14.0	15	1	1.27	0.1	0.3	2.98	6.99	0.03
SNBO	San Bernardino-ARB	4	9.0	13	10.6	16	3	1.18	0.2	0.3	4.47	10.49	-0.91
ULDS	Upland-155 "D" St	4	9.0	14	10.7	16	2	1.19	0.2	0.2	4.47	10.49	0.11

CAJB	Cajon Pass (AV)		2	8.0	14	8.3	15	1	1.04	0.0	0.0	8.94	20.97	-99.00
CAJC	Cajon	MDAQMD	9	10.0	14	8.8	15	1	0.88	-0.3	0.3	1.99	4.66	0.65
MBLD	Azusa	CARB	15	13.0	14	17.4	17	3	1.34	0.1	0.3	1.19	2.80	0.20
TCCC	Temecula	SCAQMD	3	8.0	18	13.3	17	-1	1.67	0.7	0.7	5.96	13.98	0.22

* * * Model Performance Evaluation * * *

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			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0005	SubRegion	19	10.0	14	8.8	15	1	0.88	-1.5	1.9	-0.19	0.23	0.30
	Subregional Peak:				14.7	17	3	1.47	(at cell 60 x 32)				
ANAH	Anahiem-1610 S Harbo	2	7.0	13	8.8	15	2	1.26	0.2	0.2	-1.77	2.22	-99.00
ELTR	El Toro-23022 El Tor	4	10.0	14	7.7	13	-1	0.77	-0.1	0.1	-0.88	1.11	0.66
LANM	Los Angeles-1630 N M	2	8.0	13	4.2	13	0	0.53	-0.5	0.5	-1.77	2.22	-99.00
LHAB	La Habra-621 W. Lamb	1	9.0	14	7.2	14	0	0.80	-0.2	0.2	-3.54	4.44	-99.00
PDSW	Pasadena-752 S. Wils	5	9.0	14	5.7	12	-2	0.63	-0.3	0.3	-0.71	0.89	-0.61
PICO	Pico Rivera-3713 San	5	9.0	13	7.5	14	1	0.83	-0.2	0.2	-0.71	0.89	0.67

* * * Model Performance Evaluation * * *

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Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0006	SubRegion	49	11.0	0	11.1	13	13	1.01	-2.3	2.8	-0.28	0.35	-0.35
	Subregional Peak:				14.8	17	17	1.35	(at cell 81 x 06)				
ALPN	Alpine-2300 Victoria	4	9.0	11	9.1	13	2	1.01	0.0	0.2	-3.38	4.23	-0.61
ESCO	Escondido-600 E. Val	4	8.0	16	6.4	14	-2	0.80	-0.4	0.4	-3.38	4.23	-0.38
SDOV	San Diego-5555 Overl	3	9.0	15	4.8	14	-1	0.54	-0.4	0.4	-4.51	5.64	-0.50
BLKM	Black MounSDCAPCD	9	11.0	0	8.0	13	13	0.72	-0.6	0.6	-1.50	1.88	-0.76
REDM	Fallbrook SDCAPCD	14	9.0	10	11.1	13	3	1.23	-0.1	0.2	-0.97	1.21	0.31
SMPK	Deer SprinSDCAPCD	9	9.0	15	6.3	12	-3	0.71	-0.3	0.3	-1.50	1.88	-0.19
SOLM	La Jolla SDCAPCD	1	8.0	17	3.9	17	0	0.49	-0.5	0.5	-13.53	16.91	-99.00
VCEN	Valley CenSDCAPCD	1	7.0	11	8.1	11	0	1.16	0.2	0.2	-13.53	16.91	-99.00
WSPR	Warner SprSDCAPCD	4	8.0	13	5.7	12	-1	0.71	-0.2	0.2	-3.38	4.23	-0.99

* * * Model Performance Evaluation * * *

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			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0007	SubRegion	47	12.0	15	8.3	17	2	0.69	-2.1	2.2	-0.24	0.26	0.17
	Subregional Peak:				11.7	17	2	0.97	(at cell 42 x 66)				
BKGS	Bakersfield-1138 Gol	8	9.0	11	6.8	15	4	0.76	-0.3	0.3	-1.44	1.52	-0.80
BLFC	Bakersfield-5558 Cal	9	9.0	11	7.2	15	4	0.80	-0.3	0.3	-1.28	1.36	-0.17
ARVN	Arvin-20401 Bear Mtn	11	12.0	15	8.3	17	2	0.69	-0.2	0.2	-1.05	1.11	0.47
EDSN	Edison-Johnson Farm	8	12.0	13	8.2	17	4	0.68	-0.1	0.2	-1.44	1.52	0.06
OLDL	Oildale-3311 Manor S	7	8.0	11	6.4	14	3	0.80	-0.3	0.3	-1.64	1.74	-0.19
SHFT	Shafter-548 Walker S	4	8.0	16	5.8	16	0	0.72	-0.2	0.2	-2.88	3.05	0.83

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0008	SubRegion	26	10.0	17	9.8	17	0	0.98	-1.6	2.0	-0.20	0.25	0.10
	Subregional Peak:				16.2	19	2	1.62	(at cell 66 x 44)				
MOJP	Mojave-923 Poole St	8	10.0	17	7.0	16	-1	0.70	-0.3	0.3	-0.65	0.82	0.87
HESP	Hesperia-17288 Olive	6	9.0	16	9.8	17	1	1.08	0.1	0.1	-0.86	1.10	0.40
LANC	Lancaster-315 W. Pon	3	8.0	10	5.4	11	1	0.67	-0.3	0.3	-1.72	2.19	0.00
TEHP	Monolith CE-CERT	9	9.0	17	6.9	16	-1	0.76	-0.2	0.2	-0.57	0.73	0.12

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0009	SubRegion	70	12.0	19	12.9	15	-4	1.07	-1.6	2.9	-0.18	0.37	0.09
	Subregional Peak:				17.9	17	-2	1.49	(at cell 75 x 36)				
CLXC	Calexico-900 Grant S	21	10.0	13	8.7	14	1	0.87	-0.5	0.5	-0.59	1.23	0.86
EC9S	El Centro-150 9th St	9	7.0	10	7.9	14	4	1.13	-0.1	0.1	-1.38	2.86	0.86
JOSH	Joshua Tree National	12	12.0	19	8.4	20	1	0.70	-0.2	0.2	-1.04	2.15	0.78
MEXI	Mexicali 1	8	8.0	8	11.9	16	8	1.49	0.0	0.5	-1.55	3.22	-0.46
MEXT	Mexicali 2	5	10.0	21	12.9	15	-6	1.29	0.4	0.6	-2.49	5.15	-0.88
PALM	Palm Springs-Fs 590	8	11.0	18	8.6	19	1	0.78	-0.1	0.1	-1.55	3.22	0.84
MEXA	Mexicali CARB	7	8.0	13	11.1	15	2	1.39	0.3	0.3	-1.78	3.68	-0.15

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0000	SubRegion	14	9.0	19	5.2	20	1	0.58	-3.0	3.0	-0.41	0.41	-0.14
	Subregional Peak:				17.4	19	0	1.94	(at cell 56 x 25)				
CATI	Catalina Isl (AV)	2	7.0	17	4.4	18	1	0.62	-0.4	0.4	-2.90	2.90	-99.00
CATA	Catalina AP (AV)	6	7.0	13	5.2	20	7	0.74	-0.4	0.4	-0.97	0.97	-99.00
CLEM	San ClemenSDCAPCD	6	9.0	19	4.1	19	0	0.45	-0.5	0.5	-0.97	0.97	0.62

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)

Site	Description	No	Observed Value	Time	Predicted Value	Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0001	SubRegion	30	10.0	14	10.0	16	2	1.00	-1.5	2.0	-0.18	0.26	-0.04
	Subregional Peak:				22.6	14	0	2.26	(at cell 14 x 62)				
ATAS	Atascadero-6005 Lewi	3	7.0	11	5.5	13	2	0.78	-0.3	0.3	-1.84	2.63	-99.00
CPGB	Carpinteria-Gobernad	5	10.0	14	6.9	14	0	0.69	-0.2	0.2	-1.11	1.58	0.85
GAVE	Gaviota East-N Of Ch	1	7.0	16	5.8	16	0	0.83	-0.2	0.2	-5.53	7.89	-99.00
GTCB	Nojoqui Pass-GTC B H	2	7.0	10	6.6	13	3	0.94	-0.2	0.2	-2.77	3.94	-99.00
GTCC	Gaviota-GTC C 1 Mi E	1	7.0	16	5.9	16	0	0.84	-0.2	0.2	-5.53	7.89	-99.00
LFC1	Capitan-LFC #1 Las F	4	7.0	13	10.0	16	3	1.43	0.1	0.3	-1.38	1.97	-99.00
LOSP	Los Padres NF-Paradi	10	10.0	14	9.5	18	4	0.95	-0.2	0.3	-0.55	0.79	-0.29
SYAP	Santa Ynez-Airport R	4	8.0	10	5.2	13	3	0.64	-0.4	0.4	-1.38	1.97	-0.68

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

Site	Description	No	Observed Value	Time	Predicted Value	Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0002	SubRegion	47	10.0	14	7.2	15	1	0.72	-2.4	2.4	-0.29	0.30	-0.28
	Subregional Peak:				11.7	16	2	1.17	(at cell 39 x 48)				
ELRO	El Rio-Rio Mesa Scho	1	7.0	15	6.2	15	0	0.89	-0.1	0.1	-13.83	13.94	-99.00
OJAI	Ojai-1768 Maricopa H	2	7.0	11	5.1	11	0	0.72	-0.3	0.3	-6.91	6.97	-99.00
PRTG	Piru-2SW, 2815 Teleg	4	8.0	13	6.6	15	2	0.83	-0.2	0.2	-3.46	3.49	-0.37
SVAL	Simi Valley-5400 Coc	10	9.0	13	7.2	15	2	0.80	-0.2	0.2	-1.38	1.39	0.10
THOS	Oak View-5500 Casita	10	10.0	14	7.0	18	4	0.70	-0.2	0.2	-1.38	1.39	0.54
TOMP	Thousand Oaks-9 2323	6	8.0	17	6.1	13	-4	0.76	-0.2	0.2	-2.30	2.32	-0.39
LAGP	Point Mugu USN	14	10.0	18	5.3	15	-3	0.53	-0.5	0.5	-0.99	1.00	-0.40

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

Site	Description	No	Observed Value	Time	Predicted Value	Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0003	SubRegion	32	14.0	11	11.2	17	6	0.80	-2.2	3.0	-0.20	0.32	-0.23
	Subregional Peak:				11.7	18	7	0.84	(at cell 52 x 41)				
BRBK	Burbank-228 W Palm A	5	11.0	14	9.6	16	2	0.87	-0.1	0.2	-1.30	2.08	0.13
RSDA	Reseda-18330 Gault S	3	12.0	12	7.7	13	1	0.64	-0.3	0.3	-2.17	3.47	-0.19
CALB	Calabasas (AV)	9	11.0	11	8.2	15	4	0.75	-0.4	0.4	-0.72	1.16	0.27
CSUN	Van Nuys NOAA	9	14.0	11	9.3	14	3	0.66	-0.2	0.4	-0.72	1.16	-0.63

SCLR	Santa ClarSCAQMD	2	9.0	12	7.1	12	0	0.79	-0.1	0.1	-3.26	5.20	-99.00
WILS	Mount WilsCE-CERT	4	9.0	4	11.2	17	13	1.25	0.1	0.3	-1.63	2.60	-0.48

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0004	SubRegion	140	19.0	14	19.3	17	3	1.01	-0.6	2.4	-0.04	0.25	0.28
	Subregional Peak:				19.9	17	3	1.05	(at cell 63 x 30)				
LKAR	Lake Arrowhead-27400	19	15.0	15	8.4	14	-1	0.56	-0.3	0.3	-0.28	1.87	0.34
AZSA	Azusa-803 N Loren Av	6	12.0	12	8.4	16	4	0.70	-0.2	0.2	-0.88	5.91	-0.40
BANH	Banning-135 N Allesa	14	12.0	17	14.7	17	0	1.22	0.2	0.3	-0.38	2.53	0.64
FONT	Fontana-14360 Arrow	8	13.0	14	11.3	16	2	0.87	0.0	0.2	-0.66	4.44	0.40
GLDR	Glendora-840 Laurel	2	10.0	12	7.7	12	0	0.77	-0.2	0.2	-2.64	17.74	-99.00
LELS	Lake Elsinore-506 W	10	11.0	14	19.3	17	3	1.75	0.5	0.5	-0.53	3.55	0.72
LGRE	Crestline-Lake Grego	8	13.0	14	8.0	14	0	0.62	-0.1	0.2	-0.66	4.44	0.30
PHEL	Phelan-Beekley & Phe	8	7.0	0	7.9	0	0	1.13	-0.1	0.2	-0.66	4.44	-99.00
POMA	Pomona-924 N. Garey	4	12.0	13	9.4	13	0	0.79	0.1	0.2	-1.32	8.87	0.65
RDLD	Redlands-500 N. Dear	8	17.0	15	13.3	16	1	0.78	0.0	0.2	-0.66	4.44	0.24
RUBI	Rubidoux-5888 Missio	8	19.0	14	11.4	15	1	0.60	-0.2	0.2	-0.66	4.44	0.58
SANB	San Bernardino-24302	9	15.0	14	12.6	17	3	0.84	0.0	0.2	-0.59	3.94	0.01
SNBO	San Bernardino-ARB	7	11.0	13	11.1	14	1	1.01	-0.1	0.1	-0.75	5.07	0.72
ULDS	Upland-155 "D" St	7	11.0	14	11.0	14	0	1.00	0.0	0.0	-0.75	5.07	0.97
CAJC	Cajon MDAQMD	4	7.0	13	6.7	14	1	0.96	-0.1	0.1	-1.32	8.87	-99.00
MBLD	Azusa CARB	12	12.0	14	6.2	0	-14	0.52	-0.4	0.4	-0.44	2.96	-0.38
TCCC	Temecula SCAQMD	6	10.0	15	15.6	18	3	1.56	0.6	0.6	-0.88	5.91	0.00

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0005	SubRegion	33	11.0	14	12.2	15	1	1.11	-2.0	2.7	-0.23	0.32	0.22
	Subregional Peak:				19.5	15	1	1.77	(at cell 57 x 27)				
ELTR	El Toro-23022 El Tor	5	11.0	14	12.2	15	1	1.11	0.1	0.3	-1.51	2.14	0.05
LANM	Los Angeles-1630 N M	4	9.0	14	8.1	15	1	0.90	-0.2	0.3	-1.88	2.67	0.04
LHAB	La Habra-621 W. Lamb	2	7.0	13	7.5	13	0	1.07	0.1	0.1	-3.77	5.35	-99.00
PDSW	Pasadena-752 S. Wils	7	11.0	12	8.8	16	4	0.80	-0.3	0.4	-1.08	1.53	-0.03
VALA	W Los Angeles-VA Hos	4	9.0	13	9.3	14	1	1.03	-0.3	0.3	-1.88	2.67	0.95

PICO	Pico Rivera-3713 San	5	9.0	11	6.9	15	4	0.77	-0.4	0.4	-1.51	2.14	-0.41
PVSP	Palos Verdes (AV)	6	9.0	19	8.6	14	-5	0.96	-0.3	0.4	-1.26	1.78	-0.16

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0006	SubRegion	104	12.0	9	16.1	18	9	1.34	0.1	2.5	0.02	0.30	0.19
	Subregional Peak:				20.0	18	9	1.67	(at cell 64 x 25)				
ALPN	Alpine-2300 Victoria	7	11.0	13	13.3	14	1	1.21	0.3	0.3	0.26	4.45	0.41
CHVT	Chula Vista-80 E "J"	6	10.0	11	8.7	13	2	0.87	-0.2	0.2	0.30	5.20	-0.01
ECAJ	El Cajon-1155 Redwoo	3	10.0	12	9.9	14	2	0.99	0.2	0.3	0.60	10.39	-0.96
ESCO	Escondido-600 E. Val	3	8.0	11	7.9	18	7	0.99	-0.1	0.1	0.60	10.39	-0.38
OCEA	Oceanside-1701 Missi	1	7.0	12	8.3	12	0	1.18	0.2	0.2	1.81	31.17	-99.00
OTAY	Otay-1100 Paseo Inte	5	12.0	9	7.9	12	3	0.66	-0.3	0.3	0.36	6.23	-0.38
SDOV	San Diego-5555 Overl	5	10.0	14	7.2	12	-2	0.72	-0.2	0.2	0.36	6.23	0.22
SD12	San Diego-330A 12th	3	9.0	14	7.5	13	-1	0.84	-0.1	0.2	0.60	10.39	-0.08
BLKM	Black MounSDCAPCD	12	10.0	13	9.2	10	-3	0.92	-0.1	0.2	0.15	2.60	0.31
REDM	Fallbrook SDCAPCD	14	12.0	14	16.1	18	4	1.34	0.3	0.4	0.13	2.23	0.19
SMPK	Deer SprinSDCAPCD	12	10.0	12	10.3	19	7	1.03	0.0	0.3	0.15	2.60	0.22
SOLM	La Jolla SDCAPCD	7	10.0	13	6.3	13	0	0.63	-0.5	0.5	0.26	4.45	0.28
TILM	Tijuana 1 CARB	5	9.0	12	9.8	13	1	1.09	-0.1	0.2	0.36	6.23	0.00
TITT	Tijuana 3 CARB	4	10.0	9	7.6	12	3	0.76	-0.5	0.5	0.45	7.79	-0.32
VCEN	Valley CenSDCAPCD	6	10.0	15	11.6	14	-1	1.16	0.3	0.3	0.30	5.20	0.33
WSPR	Warner SprSDCAPCD	11	10.0	17	11.3	11	-6	1.13	0.3	0.3	0.16	2.83	-0.66

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0007	SubRegion	59	13.0	15	9.0	16	1	0.70	-3.1	3.1	-0.35	0.36	0.24
	Subregional Peak:				10.6	17	2	0.82	(at cell 44 x 66)				
BKGS	Bakersfield-1138 Gol	9	10.0	11	7.2	15	4	0.72	-0.3	0.4	-2.32	2.36	-0.42
BLFC	Bakersfield-5558 Cal	10	10.0	11	7.4	15	4	0.74	-0.4	0.4	-2.09	2.12	0.33
ARVN	Arvin-20401 Bear Mtn	12	13.0	15	7.8	16	1	0.60	-0.3	0.3	-1.74	1.77	0.53
EDSN	Edison-Johnson Farm	10	11.0	12	9.0	16	4	0.82	-0.3	0.3	-2.09	2.12	0.20
OLDL	Oildale-3311 Manor S	9	9.0	11	6.8	16	5	0.75	-0.4	0.4	-2.32	2.36	0.39

SHFT	Shafter-548 Walker S	9	9.0	12	6.0	16	4	0.67	-0.3	0.3	-2.32	2.36	0.60	

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0008	SubRegion	46	11.0	17	8.0	15	-2	0.73	-2.0	2.1	-0.26	0.27	0.11
	Subregional Peak:				10.4	18	1	0.94	(at cell 47 x 66)				
MOJP	Mojave-923 Poole St	16	11.0	17	6.9	20	3	0.62	-0.3	0.3	-0.75	0.79	0.56
HESP	Hesperia-17288 Olive	10	7.0	8	8.0	15	7	1.14	-0.2	0.2	-1.20	1.26	-99.00
LANC	Lancaster-315 W. Pon	6	7.0	9	7.2	10	1	1.03	-0.2	0.2	-2.00	2.11	-99.00
VICT	Victorville-14029 Am	11	8.0	10	6.7	14	4	0.83	-0.3	0.3	-1.09	1.15	-0.24
TEHP	Monolith CE-CERT	3	8.0	12	5.2	12	0	0.65	-0.4	0.4	-4.00	4.21	0.87

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0009	SubRegion	80	11.0	11	12.8	16	5	1.16	-0.9	2.5	-0.11	0.33	0.08
	Subregional Peak:				18.0	18	7	1.63	(at cell 103 x 06)				
CLXC	Calexico-900 Grant S	23	10.0	11	8.6	14	3	0.86	-0.4	0.4	-0.38	1.16	0.74
EC9S	El Centro-150 9th St	6	7.0	9	7.5	14	5	1.08	-0.1	0.2	-1.45	4.43	0.74
INDO	Indio-46-990 Jackson	3	7.0	11	9.3	13	2	1.33	0.3	0.3	-2.90	8.87	-99.00
JOSH	Joshua Tree National	12	8.0	0	6.5	8	8	0.81	-0.2	0.2	-0.72	2.22	-0.12
MEXI	Mexicali 1	11	8.0	7	12.4	15	8	1.55	0.1	0.4	-0.79	2.42	0.05
MEXT	Mexicali 2	6	11.0	11	12.8	16	5	1.16	0.1	0.4	-1.45	4.43	-0.15
MEXU	Mexicali 3	5	7.0	12	10.8	15	3	1.54	0.4	0.4	-1.74	5.32	-0.15
PALM	Palm Springs-Fs 590	7	9.0	19	9.3	18	-1	1.04	0.0	0.2	-1.24	3.80	0.54
MEXA	Mexicali CARB	7	7.0	11	9.9	15	4	1.42	0.2	0.3	-1.24	3.80	-99.00

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0000	SubRegion	6	8.0	3	4.1	8	5	0.52	-3.4	3.4	-0.45	0.45	-0.29
	Subregional Peak:				18.0	18	15	2.26	(at cell 38 x 37)				
CLEM	San ClemenSDCAPCD	6	8.0	3	4.1	8	5	0.52	-0.5	0.5	-0.45	0.45	-0.29

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0001	SubRegion	27	9.0	11	7.5	14	3	0.84	-2.0	2.0	-0.25	0.25	0.21
	Subregional Peak:				20.5	17	6	2.28	(at cell 12 x 64)				
ATAS	Atascadero-6005 Lewi	4	9.0	11	6.0	14	3	0.66	-0.3	0.3	-1.66	1.70	-0.51
CPGB	Carpinteria-Gobernad	2	8.0	13	7.5	14	1	0.94	0.0	0.1	-3.33	3.41	-99.00
GAVE	Gaviota East-N Of Ch	2	7.0	13	5.5	14	1	0.79	-0.2	0.2	-3.33	3.41	-99.00
GAVW	Gaviota West-NW Of C	2	7.0	13	5.5	14	1	0.79	-0.2	0.2	-3.33	3.41	-99.00
GTCB	Nojoqui Pass-GTC B H	5	8.0	13	5.7	15	2	0.72	-0.3	0.3	-1.33	1.36	0.25
LFC1	Capitan-LFC #1 Las F	4	7.0	11	5.3	14	3	0.76	-0.3	0.3	-1.66	1.70	-99.00
LOSP	Los Padres NF-Paradi	8	9.0	13	6.5	12	-1	0.73	-0.2	0.2	-0.83	0.85	-0.06

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0002	SubRegion	49	13.0	11	11.0	14	3	0.85	-1.3	2.2	-0.13	0.25	0.29

	Subregional Peak:			27.6	15	4	2.12	(at cell 38 x 48)					
PRTG	Piru-2SW, 2815 Teleg	8	11.0	15	10.0	14	-1	0.91	0.0	0.1	-0.77	1.56	0.31
SVAL	Simi Valley-5400 Coc	10	13.0	11	11.0	14	3	0.85	-0.2	0.3	-0.62	1.25	0.17
THOS	Oak View-5500 Casita	10	9.0	16	8.2	17	1	0.91	-0.1	0.1	-0.62	1.25	-0.36
TOMP	Thousand Oaks-9 2323	7	8.0	10	10.8	16	6	1.35	0.2	0.3	-0.88	1.78	-0.48
LAGP	Point Mugu USN	14	11.0	18	8.9	14	-4	0.81	-0.3	0.4	-0.44	0.89	0.74

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0003	SubRegion	34	13.0	12	15.4	17	5	1.18	0.0	4.0	0.06	0.44	-0.33
	Subregional Peak:				24.9	16	4	1.91	(at cell 39 x 49)				
BRBK	Burbank-228 W Palm A	4	9.0	12	10.0	14	2	1.11	-0.1	0.2	0.49	3.73	0.26
RSDA	Reseda-18330 Gault S	4	9.0	12	11.4	14	2	1.26	0.0	0.3	0.49	3.73	-0.72
CALB	Calabasas (AV)	8	11.0	11	15.4	17	6	1.40	0.3	0.5	0.24	1.86	-0.88
CSUN	Van Nuys NOAA	7	12.0	11	13.7	15	4	1.14	-0.2	0.5	0.28	2.13	-0.72
SCLR	Santa ClarSCAQMD	8	13.0	12	15.3	16	4	1.17	0.0	0.5	0.24	1.86	-0.30
WILS	Mount WilsCE-CERT	3	10.0	14	13.2	15	1	1.32	0.4	0.4	0.65	4.97	0.05

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0004	SubRegion	143	17.0	16	18.6	18	2	1.10	1.4	3.5	0.18	0.40	0.28
	Subregional Peak:				19.3	17	1	1.14	(at cell 63 x 42)				
LKAR	Lake Arrowhead-27400	23	17.0	16	18.0	19	3	1.06	-0.2	0.4	1.13	2.48	0.72
AZSA	Azusa-803 N Loren Av	3	9.0	11	10.0	13	2	1.11	-0.2	0.3	8.66	19.03	-0.90
BANH	Banning-135 N Allesa	9	9.0	15	10.4	18	3	1.16	0.0	0.1	2.89	6.34	0.29
FONT	Fontana-14360 Arrow	6	12.0	13	17.2	15	2	1.43	0.3	0.6	4.33	9.52	-0.27
LELS	Lake Elsinore-506 W	9	9.0	12	11.0	16	4	1.22	0.3	0.3	2.89	6.34	0.31
LGRE	Crestline-Lake Grego	15	15.0	14	18.6	18	4	1.24	0.2	0.4	1.73	3.81	0.26
PERR	Perris-237 .5 N "D"	6	13.0	14	10.2	15	1	0.78	0.0	0.1	4.33	9.52	0.68
PHEL	Phelan-Beekley & Phe	12	11.0	17	16.3	20	3	1.48	0.3	0.4	2.16	4.76	0.29
POMA	Pomona-924 N. Garey	4	9.0	12	14.6	14	2	1.62	0.3	0.3	6.49	14.27	0.39
RDLD	Redlands-500 N. Dear	8	15.0	14	11.6	16	2	0.78	-0.2	0.2	3.25	7.14	0.57

RUBI	Rubidoux-5888 Missio	6	13.0	12	14.7	15	3	1.13	0.0	0.2	4.33	9.52	0.21
SANB	San Bernardino-24302	7	14.0	13	14.9	16	3	1.07	0.1	0.3	3.71	8.16	0.22
SNBO	San Bernardino-ARB	5	13.0	13	16.2	15	2	1.24	0.2	0.4	5.20	11.42	-0.07
ULDS	Upland-155 "D" St	5	13.0	14	16.3	15	1	1.25	0.3	0.3	5.20	11.42	0.38
CAJB	Cajon Pass (AV)	5	11.0	17	17.6	19	2	1.60	0.7	0.7	5.20	11.42	-0.13
CAJC	Cajon MDAQMD	9	12.0	18	17.8	19	1	1.48	0.6	0.6	2.89	6.34	0.63
MBLD	Azusa CARB	10	12.0	14	18.1	17	3	1.51	0.8	0.8	2.60	5.71	-0.28
TCCC	Temecula SCAQMD	1	7.0	12	9.9	12	0	1.42	0.4	0.4	25.98	57.10	-99.00

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0005	SubRegion	6	8.0	11	9.9	13	2	1.24	-3.0	4.4	-0.43	0.62	0.26
	Subregional Peak:				17.5	15	4	2.19	(at cell 60 x 32)				
PDSW	Pasadena-752 S. Wils	3	8.0	11	9.9	13	2	1.24	0.1	0.3	-0.85	1.24	-0.86
PVSP	Palos Verdes (AV)	3	7.0	3	0.2	6	3	0.03	-1.0	1.0	-0.85	1.24	-99.00

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0006	SubRegion	36	11.0	11	11.2	12	1	1.02	-1.0	2.1	-0.13	0.27	0.39
	Subregional Peak:				19.2	17	6	1.75	(at cell 67 x 14)				
ALPN	Alpine-2300 Victoria	11	10.0	10	9.7	15	5	0.97	0.0	0.2	-0.41	0.90	0.57
ESCO	Escondido-600 E. Val	2	8.0	10	9.5	11	1	1.19	0.2	0.2	-2.27	4.94	-99.00
OTAY	Otay-1100 Paseo Inte	2	8.0	9	4.5	10	1	0.57	-0.4	0.4	-2.27	4.94	-99.00
REDM	Fallbrook SDCAPCD	9	10.0	10	9.6	10	0	0.96	-0.2	0.3	-0.51	1.10	0.79
SMPK	Deer SprinSDCAPCD	1	8.0	9	6.9	9	0	0.86	-0.1	0.1	-4.55	9.89	-99.00
VCEN	Valley CenSDCAPCD	4	11.0	11	11.2	12	1	1.02	0.2	0.2	-1.14	2.47	-0.33
WSPR	Warner SprSDCAPCD	7	9.0	14	4.9	18	4	0.55	-0.4	0.4	-0.65	1.41	0.00

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0007	SubRegion	59	14.0	13	11.7	18	5	0.84	-3.1	3.3	-0.32	0.35	0.07
	Subregional Peak:				12.2	18	5	0.87	(at cell 37 x 67)				
BKGS	Bakersfield-1138 Gol	9	11.0	12	7.6	18	6	0.69	-0.4	0.4	-2.12	2.29	-0.48
BLFC	Bakersfield-5558 Cal	10	11.0	13	8.7	16	3	0.79	-0.4	0.4	-1.91	2.06	0.17
ARVN	Arvin-20401 Bear Mtn	15	10.0	12	7.6	19	7	0.76	-0.3	0.3	-1.27	1.38	0.29
EDSN	Edison-Johnson Farm	10	14.0	13	11.7	18	5	0.84	-0.2	0.3	-1.91	2.06	-0.22
OLDL	Oildale-3311 Manor S	7	10.0	12	7.5	17	5	0.75	-0.5	0.5	-2.73	2.95	-0.33
SHFT	Shafter-548 Walker S	8	10.0	14	6.3	17	3	0.63	-0.3	0.3	-2.39	2.58	0.58

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0008	SubRegion	44	13.0	16	17.7	19	3	1.36	0.3	3.4	0.05	0.40	0.31
	Subregional Peak:				20.7	19	3	1.59	(at cell 45 x 53)				
MOJP	Mojave-923 Poole St	14	11.0	17	9.8	22	5	0.89	-0.3	0.3	0.15	1.25	0.45
HESP	Hesperia-17288 Olive	11	13.0	16	17.7	19	3	1.36	0.3	0.5	0.19	1.59	0.17
LANC	Lancaster-315 W. Pon	7	11.0	17	15.8	20	3	1.43	0.2	0.4	0.30	2.50	-0.52
VICT	Victorville-14029 Am	12	13.0	17	16.8	20	3	1.29	0.2	0.4	0.18	1.46	0.44

* * * Model Performance Evaluation * * *

Pollutant: O3 (pphm) Project: UAM6.21 (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 6.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)

0009	SubRegion	30	8.0	0	8.6	14	14	1.07	-2.4	2.5	-0.32	0.34	0.34
	Subregional Peak:				10.1	20	20	1.26	(at cell 74 x 40)				
CLXC	Calexico-900 Grant S	24	8.0	0	8.6	14	14	1.07	-0.4	0.4	-0.40	0.42	0.53
EC9S	El Centro-150 9th St	1	7.0	15	8.0	15	0	1.15	0.1	0.1	-9.61	10.07	-99.00
JOSH	Joshua Tree National	3	8.0	22	5.7	21	-1	0.72	-0.2	0.2	-3.20	3.36	0.26
TNPM	Twentynine Palms-607	2	7.0	20	6.0	21	1	0.86	-0.2	0.2	-4.80	5.03	-99.00

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

SubRegional Descriptions

SubRegion 001 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
LOMP	Lompoc-4350 Constell	7	54	182.435	3845.052
GLWF	Goleta-380 W Fairvie	19	47	241.171	3813.608
ATAS	Atascadero-6005 Lewi	4	71	167.308	3932.630
CPGB	Carpinteria-Gobernad	25	46	274.784	3809.034
ECSP	El Capitan State Par	15	48	222.842	3815.987
GAVE	Gaviota East-N Of Ch	12	48	206.051	3818.354
GAVW	Gaviota West-NW Of C	12	48	206.051	3818.354
GCTY	Grover City-9 Le Sag	5	63	170.360	3891.772
GTCB	Nojoqui Pass-GTC B H	12	49	207.757	3823.853
GTCC	Gaviota-GTC C 1 Mi E	12	48	207.582	3818.305
LFC1	Capitan-LFC #1 Las F	15	48	221.421	3819.730
LOSP	Los Padres NF-Paradi	19	49	244.541	3824.616
LPHS	Lompoc-HS&P Facility	8	54	187.080	3846.744
LPSH	Lompoc-128 S 'H' St	7	52	183.708	3837.602
PTCL	Point Conception Lig	7	48	183.013	3817.260
SBWC	Santa Barbara-3 W. C	21	47	251.846	3811.467
SLOM	San Luis Obispo-1160	4	67	168.001	3910.379
SMSB	Santa Maria-500 S Br	8	59	186.376	3870.837
UCSB	UCSB West Campus-Arc	18	47	236.471	3810.039
VBPP	Vandenberg AFB-Sts P	4	51	168.222	3832.590

SubRegion 002 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
ELRO	El Rio-Rio Mesa Scho	31	43	303.549	3791.740
EMMA	Emma Wood State Beac	28	44	286.748	3795.806
OJAI	Ojai-1768 Maricopa H	29	47	291.723	3812.339
SVAL	Simi Valley-5400 Coc	40	43	345.024	3792.811
THOS	Oak View-5500 Casita	26	46	279.337	3807.076
TOMP	Thousand Oaks-9 2323	36	42	328.007	3785.712

SubRegion 003 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
BRBK	Burbank-228 W Palm A	47	41	380.176	3781.205
RSDA	Reseda-18330 Gault S	43	41	360.232	3783.329
CALB	Calabasas (AV)	41	40	351.388	3779.520

SubRegion 004 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
LKAR	Lake Arrowhead-27400	67	42	481.577	3786.003
AZSA	Azusa-803 N Loren Av	54	40	415.477	3777.125
BANH	Banning-135 N Allesa	73	35	512.325	3752.730
FONT	Fontana-14360 Arrow	61	39	453.879	3773.162
GLDR	Glendora-840 Laurel	55	40	421.624	3777.071

LELS	Lake Elsinore-506 W	64	30	469.097	3725.054
PHEL	Phelan-Beekley & Phe	60	46	449.457	3808.298
POMA	Pomona-924 N. Garey	57	38	430.791	3769.607
RUBI	Rubidoux-5888 Missio	63	37	461.521	3762.040
SANB	San Bernardino-24302	66	39	475.402	3773.081
SNBO	San Bernardino-ARB	58	39	438.493	3771.402
ULDS	Upland-155 "D" St	59	39	440.031	3771.392
CAJB	Cajon Pass (AV)	62	45	458.830	3803.663

SubRegion 005 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
ANAH	Anahiem-1610 S Harbo	54	33	416.706	3741.999
CMMV	Costa Mesa-2850 Mesa	54	30	415.015	3725.381
HAWH	Hawthorne-5234 W. 12	45	35	373.661	3753.563
LANM	Los Angeles-1630 N M	48	39	386.188	3770.040
LHAB	La Habra-621 W. Lamb	53	35	412.180	3753.128
LYNW	Lynwood-11220 Long B	48	35	389.069	3753.370
NLGB	Long Beach-3648 N Lo	49	33	390.482	3742.264
PDSW	Pasadena-752 S. Wils	50	39	398.512	3771.747
VALA	W Los Angeles-VA Hos	44	38	366.166	3768.454
PICO	Pico Rivera-3713 San	51	37	403.031	3762.458

SubRegion 006 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
CHVT	Chula Vista-80 E "J"	70	6	495.309	3608.603
ECAJ	El Cajon-1155 Redwoo	72	10	506.243	3627.079
ESCO	Escondido-600 E. Val	69	17	493.780	3664.031
OCEA	Oceanside-1701 Missi	64	19	465.824	3673.327
OTAY	Otay-1100 Paseo Inte	72	5	506.257	3604.909
SDOV	San Diego-5555 Overl	68	11	489.079	3630.779
SD12	San Diego-330A 12th	68	8	485.940	3617.850
PEND	Camp Del MSDCAPCD	63	20	463.087	3675.247
SOLM	La Jolla SDCAPCD	66	11	476.604	3633.479
TILM	Tijuana 1 CARB	71	4	502.161	3595.415
TIPL	Tijuana 2 CARB	68	4	489.151	3597.222
TITT	Tijuana 3 CARB	71	4	501.409	3598.441

SubRegion 007 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
BKGS	Bakersfield-1138 Gol	34	68	318.335	3917.192
BLFC	Bakersfield-5558 Cal	34	67	315.231	3913.556
ARVN	Arvin-20401 Bear Mtn	38	64	337.652	3896.481
EDSN	Edison-Johnson Farm	37	67	331.858	3911.381
OLDL	Oildale-3311 Manor S	34	69	318.448	3922.739
SHFT	Shafter-548 Walker S	29	71	294.407	3930.657

SubRegion 008 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
MOJP	Mojave-923 Poole St	50	60	396.640	3878.977
HESP	Hesperia-17288 Olive	65	46	473.963	3808.197
LANC	Lancaster-315 W. Pon	50	52	397.707	3838.298
VICT	Victorville-14029 Am	65	48	470.773	3817.551

SubRegion 009 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)

CALE	Calexico-Calexico HS	99	8	643.784	3615.183
MEXI	Mexicali 1	101	7	650.302	3610.045
MEXT	Mexicali 2	101	5	654.966	3604.664
MEXU	Mexicali 3	100	7	645.747	3611.053
PALM	Palm Springs-Fs 590	79	34	543.172	3745.428
TNPM	Twentynine Palms-607	88	40	587.597	3777.153
CLXE	Calexico CARB	101	8	650.856	3616.181
MEXA	Mexicali CARB	100	7	647.525	3614.356

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations					Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0001	SubRegion	46	3.0	22	3.6	22	0	1.19	-1.3	1.4	-0.59	0.66	-0.15
	Subregional Peak:				4.4	21	-1	1.46	(at cell 21 x 47)				
GLWF	Goleta-380 W Fairvie	2	2.0	22	2.9	22	0	1.45	0.3	0.3	-13.51	15.21	-99.00
ATAS	Atascadero-6005 Lewi	6	3.0	22	1.5	6	-16	0.51	-0.6	0.6	-4.50	5.07	-0.40
ECSP	El Capitan State Par	6	3.0	21	0.4	23	2	0.14	-0.9	0.9	-4.50	5.07	0.64
GAVE	Gaviota East-N Of Ch	1	2.0	21	0.3	21	0	0.15	-0.8	0.8	-27.01	30.43	-99.00
GTCB	Nojoqui Pass-GTC B H	5	2.0	10	0.1	10	0	0.05	-1.0	1.0	-5.40	6.09	-99.00
GTCC	Gaviota-GTC C 1 Mi E	3	2.0	16	0.4	23	7	0.18	-0.9	0.9	-9.00	10.14	-99.00
SBWC	Santa Barbara-3 W. C	13	2.0	7	3.6	22	15	1.78	-0.4	0.6	-2.08	2.34	-99.00
SLOM	San Luis Obispo-1160	4	2.0	20	0.6	22	2	0.32	-0.7	0.7	-6.75	7.61	-99.00
SMSB	Santa Maria-500 S Br	5	3.0	21	1.7	7	-14	0.57	-0.5	0.5	-5.40	6.09	0.07
UCSB	UCSB West Campus-Arc	1	2.0	23	2.1	23	0	1.05	0.0	0.0	-27.01	30.43	-99.00

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations					Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0002	SubRegion	43	5.0	0	4.9	22	22	0.98	-0.7	1.0	-0.26	0.37	0.69
	Subregional Peak:				5.8	22	22	1.16	(at cell 37 x 40)				
ELRO	El Rio-Rio Mesa Scho	6	3.0	21	3.2	23	2	1.07	-0.2	0.4	-1.88	2.62	0.09
EMMA	Emma Wood State Beac	2	2.0	22	1.3	23	1	0.65	-0.4	0.4	-5.63	7.86	-99.00

OJAI	Ojai-1768 Maricopa H	7	2.0	0	0.8	22	22	0.41	-0.8	0.8	-1.61	2.25	-99.00
SVAL	Simi Valley-5400 Coc	16	5.0	0	4.9	22	22	0.98	-0.3	0.3	-0.70	0.98	0.61
TOMP	Thousand Oaks-9 2323	12	4.0	7	4.2	22	15	1.04	0.0	0.2	-0.94	1.31	0.67

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0003	SubRegion	58	10.0	8	8.8	20	12	0.88	-0.6	1.6	0.00	0.36	0.42
	Subregional Peak:				12.6	21	13	1.26	(at cell 46 x 40)				
BRBK	Burbank-228 W Palm A	23	10.0	8	8.8	20	12	0.88	-0.3	0.3	0.01	0.91	0.43
RSDA	Reseda-18330 Gault S	20	7.0	8	6.0	20	12	0.86	0.1	0.4	0.01	1.05	0.38
CALB	Calabasas (AV)	15	6.0	8	4.9	4	-4	0.82	0.3	0.4	0.01	1.40	0.40

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0004	SubRegion	210	11.0	8	8.2	21	13	0.74	-0.9	1.7	-0.12	0.38	0.35
	Subregional Peak:				12.4	3	-5	1.12	(at cell 60 x 38)				
AZSA	Azusa-803 N Loren Av	23	8.0	8	8.2	21	13	1.02	0.0	0.3	-1.12	3.49	-0.12
BANH	Banning-135 N Allesa	14	6.0	0	6.8	22	22	1.13	0.2	0.6	-1.84	5.73	0.34
FONT	Fontana-14360 Arrow	23	10.0	9	7.3	22	13	0.73	-0.1	0.3	-1.12	3.49	0.25
GLDR	Glendora-840 Laurel	23	7.0	8	4.6	19	11	0.66	-0.2	0.3	-1.12	3.49	-0.15
LELS	Lake Elsinore-506 W	11	4.0	5	4.8	7	2	1.19	0.1	0.2	-2.35	7.29	0.70
PHEL	Phelan-Beekley & Phe	3	2.0	19	0.4	21	2	0.18	-0.9	0.9	-8.61	26.73	-99.00
POMA	Pomona-924 N. Garey	23	11.0	8	6.6	20	12	0.60	-0.3	0.3	-1.12	3.49	0.17
RUBI	Rubidoux-5888 Missio	20	7.0	7	6.8	7	0	0.98	-0.2	0.3	-1.29	4.01	0.84
SANB	San Bernardino-24302	23	7.0	21	6.6	22	1	0.94	-0.4	0.5	-1.12	3.49	0.46
SNBO	San Bernardino-ARB	22	7.0	7	7.6	21	14	1.08	0.0	0.4	-1.17	3.64	0.27
ULDS	Upland-155 "D" St	22	7.0	8	7.7	20	12	1.11	0.1	0.4	-1.17	3.64	0.10
CAJB	Cajon Pass (AV)	3	3.0	19	0.7	20	1	0.24	-0.8	0.8	-8.61	26.73	-0.12

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0005	SubRegion	209	10.0	8	10.1	20	12	1.01	0.9	1.8	0.36	0.54	0.43
	Subregional Peak:				11.7	19	11	1.17	(at cell 49 x 38)				
ANAH	Anahiem-1610 S Harbo	23	6.0	8	7.6	21	13	1.27	0.3	0.5	3.30	4.92	0.10
CMMV	Costa Mesa-2850 Mesa	14	3.0	7	5.5	21	14	1.82	0.4	0.6	5.42	8.08	0.21
HAWH	Hawthorne-5234 W. 12	17	4.0	7	6.4	8	1	1.59	0.4	0.7	4.46	6.65	0.16
LANM	Los Angeles-1630 N M	23	10.0	8	10.1	20	12	1.01	0.6	0.6	3.30	4.92	0.52
LHAB	La Habra-621 W. Lamb	23	8.0	10	6.7	0	-10	0.83	0.1	0.4	3.30	4.92	0.19
LYNW	Lynwood-11220 Long B	23	8.0	8	8.7	10	2	1.08	-0.1	0.3	3.30	4.92	0.33
NLGB	Long Beach-3648 N Lo	23	9.0	10	8.7	10	0	0.97	0.6	0.6	3.30	4.92	0.74
PDSW	Pasadena-752 S. Wils	22	10.0	10	9.9	20	10	0.99	0.3	0.4	3.45	5.14	0.20
VALA	W Los Angeles-VA Hos	18	4.0	8	6.3	23	15	1.56	0.9	0.9	4.21	6.28	0.49
PICO	Pico Rivera-3713 San	23	10.0	10	7.7	21	11	0.77	0.3	0.4	3.30	4.92	0.38

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0006	SubRegion	176	7.0	7	6.7	23	16	0.96	0.5	1.1	0.26	0.42	0.25
	Subregional Peak:				9.2	23	16	1.32	(at cell 70 x 04)				
CHVT	Chula Vista-80 E "J"	15	3.0	6	4.9	20	14	1.62	0.6	0.6	3.09	4.98	0.00
ECAJ	El Cajon-1155 Redwoo	22	6.0	7	4.7	21	14	0.78	0.0	0.2	2.11	3.39	0.76
ESCO	Escondido-600 E. Val	21	4.0	9	4.2	7	-2	1.06	0.1	0.3	2.21	3.55	0.43
OCEA	Oceanside-1701 Missi	11	2.0	0	5.4	7	7	2.72	0.6	0.6	4.22	6.79	-99.00
OTAY	Otay-1100 Paseo Inte	23	7.0	7	4.7	21	14	0.67	0.1	0.4	2.02	3.25	-0.19
SDOV	San Diego-5555 Overl	21	3.0	7	5.0	7	0	1.67	0.4	0.5	2.21	3.55	0.58
SD12	San Diego-330A 12th	21	5.0	21	3.9	7	-14	0.77	0.0	0.2	2.21	3.55	0.50
PEND	Camp Del MSDCAPCD	9	3.0	0	4.2	6	6	1.39	0.2	0.3	5.15	8.29	-0.14
TILM	Tijuana 1 CARB	19	7.0	8	6.4	23	15	0.91	0.1	0.4	2.44	3.93	0.50
TIPL	Tijuana 2 CARB	1	2.0	6	2.1	6	0	1.05	0.1	0.1	46.38	74.65	-99.00
TITT	Tijuana 3 CARB	13	4.0	7	6.7	23	16	1.69	1.0	1.0	3.57	5.74	-0.17

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0007	SubRegion	62	6.0	21	7.6	2	-19	1.27	-0.4	1.6	-0.02	0.58	0.12
	Subregional Peak:				8.7	2	-19	1.44	(at cell 34 x 69)				
BKGS	Bakersfield-1138 Gol	18	6.0	21	5.0	20	-1	0.84	0.0	0.3	-0.07	2.00	0.62
BLFC	Bakersfield-5558 Cal	12	6.0	22	4.4	21	-1	0.73	0.0	0.2	-0.10	2.99	0.48
ARVN	Arvin-20401 Bear Mtn	2	4.0	6	0.3	5	-1	0.07	-0.9	0.9	-0.61	17.96	-99.00
EDSN	Edison-Johnson Farm	7	4.0	3	2.3	20	17	0.58	-0.6	0.7	-0.17	5.13	-0.47
OLDL	Oildale-3311 Manor S	11	3.0	3	7.6	2	-1	2.54	1.2	1.2	-0.11	3.27	-0.12
SHFT	Shafter-548 Walker S	12	4.0	23	1.1	22	-1	0.28	-0.7	0.7	-0.10	2.99	0.47

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0008	SubRegion	25	5.0	6	3.9	2	-4	0.78	-1.8	2.0	-0.60	0.70	-0.04
	Subregional Peak:				8.0	2	-4	1.61	(at cell 65 x 49)				
MOJP	Mojave-923 Poole St	6	5.0	6	0.4	0	-6	0.08	-0.9	0.9	-2.51	2.92	0.25
HESP	Hesperia-17288 Olive	8	5.0	22	3.9	2	-20	0.78	-0.1	0.5	-1.88	2.19	-0.14
LANC	Lancaster-315 W. Pon	11	3.0	0	1.2	23	23	0.40	-0.8	0.8	-1.37	1.59	0.78

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)

0009	SubRegion	54	8.0	20	6.7	21	1	0.84	-0.9	1.3	-0.14	0.32	0.48
	Subregional Peak:				7.5	21	1	0.93	(at cell 100 x 07)				
CALE	Calexico-Calexico HS	6	4.0	20	3.5	6	-14	0.89	-0.1	0.2	-1.24	2.90	0.56
MEXI	Mexicali 1	8	7.0	20	6.7	21	1	0.96	-0.1	0.3	-0.93	2.17	0.81
MEXT	Mexicali 2	7	8.0	20	3.3	22	2	0.41	-0.7	0.7	-1.06	2.49	0.75
MEXU	Mexicali 3	10	7.0	20	5.9	21	1	0.84	-0.1	0.2	-0.74	1.74	0.88
PALM	Palm Springs-Fs 590	10	4.0	1	3.4	0	-1	0.86	-0.1	0.3	-0.74	1.74	0.58
CLXE	Calexico CARB	4	7.0	21	3.5	21	0	0.49	-0.3	0.3	-1.86	4.35	0.87
MEXA	Mexicali CARB	9	5.0	20	5.7	21	1	1.13	0.3	0.3	-0.83	1.93	0.56

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0001	SubRegion	75	4.0	6	2.7	7	1	0.68	-1.5	1.5	-0.67	0.67	0.19
	Subregional Peak:				3.3	7	1	0.82	(at cell 21 x 47)				
GLWF	Goleta-380 W Fairvie	14	3.0	7	1.4	6	-1	0.46	-0.7	0.7	-3.57	3.57	0.10
ATAS	Atascadero-6005 Lewi	10	3.0	21	0.5	7	-14	0.16	-0.9	0.9	-5.00	5.00	-0.17
CPGB	Carpinteria-Gobernad	2	2.0	18	0.6	19	1	0.30	-0.7	0.7	-25.01	25.01	-99.00
ECSP	El Capitan State Par	10	4.0	6	0.5	1	-5	0.12	-0.9	0.9	-5.00	5.00	-0.37
GTCB	Nojoqui Pass-GTC B H	3	2.0	11	0.2	20	9	0.10	-0.9	0.9	-16.68	16.68	-99.00
GTCC	Gaviota-GTC C 1 Mi E	1	2.0	6	0.3	6	0	0.16	-0.8	0.8	-50.03	50.03	-99.00
SBWC	Santa Barbara-3 W. C	19	4.0	7	2.7	7	0	0.68	-0.4	0.4	-2.63	2.63	0.69
SLOM	San Luis Obispo-1160	5	3.0	6	0.6	0	-6	0.20	-0.8	0.8	-10.01	10.01	0.28
SMSB	Santa Maria-500 S Br	8	3.0	7	0.8	7	0	0.26	-0.7	0.7	-6.25	6.25	0.54
UCSB	UCSB West Campus-Arc	3	2.0	0	1.7	0	0	0.87	-0.6	0.6	-16.68	16.68	-99.00

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0002	SubRegion	54	6.0	7	3.3	7	0	0.55	-1.4	1.4	-0.44	0.48	0.34
	Subregional Peak:				5.2	0	-7	0.86	(at cell 37 x 40)				
ELRO	El Rio-Rio Mesa Scho	17	4.0	21	3.3	0	-21	0.83	-0.5	0.5	-1.40	1.54	-0.08
EMMA	Emma Wood State Beac	7	3.0	22	1.0	23	1	0.34	-0.6	0.6	-3.40	3.73	0.55
OJAI	Ojai-1768 Maricopa H	1	2.0	7	0.2	7	0	0.10	-0.9	0.9	-23.83	26.10	-99.00

SVAL	Simi Valley-5400 Coc	16	6.0	7	3.3	7	0	0.55	-0.4	0.4	-1.49	1.63	0.40
TOMP	Thousand Oaks-9 2323	13	6.0	21	3.2	6	-15	0.54	-0.3	0.4	-1.83	2.01	-0.10

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0003	SubRegion	63	11.0	10	4.9	20	10	0.44	-2.3	2.7	-0.36	0.50	0.21
	Subregional Peak:				9.0	0	-10	0.82	(at cell 46 x 40)				
BRBK	Burbank-228 W Palm A	23	11.0	10	4.4	0	-10	0.40	-0.6	0.6	-1.00	1.37	-0.19
RSDA	Reseda-18330 Gault S	23	9.0	8	4.9	20	12	0.54	-0.4	0.4	-1.00	1.37	0.89
CALB	Calabasas (AV)	17	5.0	2	4.7	4	2	0.93	0.0	0.5	-1.35	1.85	0.38

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0004	SubRegion	202	14.0	8	7.5	6	-2	0.53	-2.2	2.6	-0.40	0.51	0.20
	Subregional Peak:				13.5	3	-5	0.96	(at cell 64 x 38)				
AZSA	Azusa-803 N Loren Av	23	9.0	8	5.8	23	15	0.65	-0.6	0.6	-3.51	4.46	-0.13
BANH	Banning-135 N Allesa	12	6.0	23	6.8	22	-1	1.14	0.0	0.4	-6.73	8.55	0.62
FONT	Fontana-14360 Arrow	23	7.0	20	5.5	22	2	0.79	-0.5	0.5	-3.51	4.46	0.68
GLDR	Glendora-840 Laurel	21	8.0	12	1.3	23	11	0.16	-0.7	0.7	-3.85	4.89	-0.48
LELS	Lake Elsinore-506 W	10	3.0	0	3.3	22	22	1.11	0.1	0.3	-8.08	10.26	-0.12
POMA	Pomona-924 N. Garey	23	14.0	8	5.2	6	-2	0.37	-0.6	0.6	-3.51	4.46	0.02
RUBI	Rubidoux-5888 Missio	21	7.0	7	7.5	6	-1	1.07	-0.2	0.3	-3.85	4.89	0.85
SANB	San Bernardino-24302	23	7.0	21	6.6	6	-15	0.94	-0.4	0.5	-3.51	4.46	0.73
SNBO	San Bernardino-ARB	23	7.0	20	6.2	6	-14	0.89	-0.3	0.5	-3.51	4.46	0.04
ULDS	Upland-155 "D" St	23	7.0	21	6.3	6	-15	0.90	-0.3	0.5	-3.51	4.46	0.22

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0005	SubRegion	209	17.0	10	10.2	20	10	0.60	-0.1	2.0	0.16	0.44	0.20
	Subregional Peak:				15.5	19	9	0.91	(at cell 57 x 29)				
ANAH	Anahiem-1610 S Harbo	23	9.0	9	10.2	20	11	1.13	0.4	0.5	1.44	3.97	0.18
CMMV	Costa Mesa-2850 Mesa	14	3.0	7	9.5	20	13	3.18	1.2	1.2	2.36	6.52	-0.26
HAWH	Hawthorne-5234 W. 12	21	7.0	8	7.0	7	-1	1.00	0.2	0.5	1.57	4.35	-0.03
LANM	Los Angeles-1630 N M	23	17.0	10	7.4	0	-10	0.44	-0.1	0.2	1.44	3.97	0.20
LHAB	La Habra-621 W. Lamb	23	11.0	9	6.6	21	12	0.60	-0.2	0.3	1.44	3.97	-0.10
LYNW	Lynwood-11220 Long B	23	13.0	9	8.3	8	-1	0.64	0.0	0.3	1.44	3.97	0.49
NLGB	Long Beach-3648 N Lo	17	13.0	9	8.5	9	0	0.65	0.5	0.5	1.95	5.37	0.74
PDSW	Pasadena-752 S. Wils	23	13.0	11	5.6	6	-5	0.43	-0.2	0.3	1.44	3.97	0.10
VALA	W Los Angeles-VA Hos	20	9.0	8	5.4	0	-8	0.60	-0.1	0.3	1.65	4.57	0.51
PICO	Pico Rivera-3713 San	22	11.0	8	9.8	20	12	0.89	0.4	0.5	1.50	4.15	0.02

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0006	SubRegion	196	9.0	8	7.6	20	12	0.84	0.5	1.5	0.23	0.52	0.29
	Subregional Peak:				10.7	0	-8	1.19	(at cell 70 x 04)				
CHVT	Chula Vista-80 E "J"	16	5.0	9	5.6	9	0	1.13	0.4	0.4	2.85	6.34	0.66
ECAJ	El Cajon-1155 Redwoo	18	5.0	7	4.4	7	0	0.87	-0.2	0.2	2.54	5.63	0.37
ESCO	Escondido-600 E. Val	18	7.0	20	6.9	7	-13	0.99	0.0	0.3	2.54	5.63	0.32
OCEA	Oceanside-1701 Missi	14	3.0	3	5.1	23	20	1.71	0.2	0.6	3.26	7.24	0.31
OTAY	Otay-1100 Paseo Inte	23	9.0	8	4.6	0	-8	0.51	-0.3	0.4	1.99	4.41	-0.04
SDOV	San Diego-5555 Overl	23	5.0	8	7.6	20	12	1.52	0.4	0.5	1.99	4.41	0.85
SD12	San Diego-330A 12th	20	6.0	8	7.0	9	1	1.17	0.1	0.5	2.28	5.07	0.44
PEND	Camp Del MSDCAPCD	11	3.0	0	4.3	7	7	1.43	0.2	0.5	4.15	9.22	-0.28
SOLM	La Jolla SDCAPCD	8	2.0	5	7.0	7	2	3.48	1.6	1.6	5.71	12.67	-99.00
TILM	Tijuana 1 CARB	18	6.0	7	6.9	1	-6	1.15	0.1	0.4	2.54	5.63	0.52
TIPL	Tijuana 2 CARB	10	5.0	8	4.4	22	14	0.89	0.2	0.5	4.57	10.14	0.37
TITT	Tijuana 3 CARB	17	5.0	9	7.4	1	-8	1.48	0.9	0.9	2.69	5.96	0.29

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0007	SubRegion	66	6.0	22	5.0	20	-2	0.83	-1.1	1.5	-0.28	0.48	0.35
	Subregional Peak:				7.3	0	-22	1.22	(at cell 28 x 60)				
BKGS	Bakersfield-1138 Gol	23	5.0	0	5.0	20	20	0.99	-0.3	0.3	-0.79	1.38	0.73
BLFC	Bakersfield-5558 Cal	14	6.0	22	4.2	20	-2	0.69	-0.3	0.3	-1.30	2.26	0.50
ARVN	Arvin-20401 Bear Mtn	4	3.0	6	0.9	1	-5	0.29	-0.8	0.8	-4.54	7.92	-0.36
EDSN	Edison-Johnson Farm	3	4.0	19	1.4	19	0	0.35	-0.7	0.7	-6.05	10.56	0.99
OLDL	Oildale-3311 Manor S	9	3.0	5	4.5	3	-2	1.51	0.6	0.6	-2.02	3.52	0.28
SHFT	Shafter-548 Walker S	13	4.0	0	1.4	2	2	0.34	-0.7	0.7	-1.40	2.44	0.39

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0008	SubRegion	18	4.0	0	5.5	3	3	1.36	0.3	1.3	0.15	0.54	0.32
	Subregional Peak:				8.4	2	2	2.11	(at cell 65 x 48)				
MOJP	Mojave-923 Poole St	2	3.0	3	0.2	7	4	0.07	-0.9	0.9	1.32	4.82	-99.00
HESP	Hesperia-17288 Olive	8	4.0	0	5.5	3	3	1.36	0.7	0.8	0.33	1.20	0.24
LANC	Lancaster-315 W. Pon	8	3.0	4	3.1	5	1	1.05	-0.1	0.1	0.33	1.20	0.77

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)

0009	SubRegion	34	7.0	19	7.2	21	2	1.03	-1.1	1.8	-0.27	0.57	0.34
	Subregional Peak:				8.0	21	2	1.14	(at cell 100 x 07)				
CALE	Calexico-Calexico HS	4	5.0	20	2.9	20	0	0.57	-0.6	0.6	-2.28	4.84	0.91
MEXI	Mexicali 1	4	6.0	19	5.8	20	1	0.96	-0.1	0.5	-2.28	4.84	0.19
MEXT	Mexicali 2	5	7.0	19	2.0	20	1	0.28	-0.7	0.7	-1.82	3.88	0.68
MEXU	Mexicali 3	6	7.0	6	5.4	20	14	0.77	-0.1	0.4	-1.52	3.23	-0.04
PALM	Palm Springs-Fs 590	8	2.0	1	1.8	5	4	0.92	-0.5	0.5	-1.14	2.42	-0.04
CLXE	Calexico CARB	1	2.0	19	2.0	19	0	1.01	0.0	0.0	-9.12	19.38	-99.00
MEXA	Mexicali CARB	6	6.0	19	7.2	21	2	1.20	0.3	0.8	-1.52	3.23	0.25

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0001	SubRegion	46	3.0	20	0.7	7	-13	0.23	-1.9	1.9	-0.91	0.91	-0.03
	Subregional Peak:				1.0	7	-13	0.32	(at cell 20 x 47)				
GLWF	Goleta-380 W Fairvie	5	2.0	0	0.6	7	7	0.28	-0.9	0.9	-8.39	8.39	-99.00
ATAS	Atascadero-6005 Lewi	11	3.0	20	0.3	6	-14	0.10	-0.9	0.9	-3.81	3.81	-0.65
CPGB	Carpinteria-Gobernad	1	2.0	8	0.2	8	0	0.09	-0.9	0.9	-41.94	41.94	-99.00
ECSP	El Capitan State Par	4	3.0	3	0.2	6	3	0.06	-0.9	0.9	-10.49	10.49	-0.51
GTCB	Nojoqui Pass-GTC B H	10	2.0	10	0.0	20	10	0.02	-1.0	1.0	-4.19	4.19	-99.00
GTCC	Gaviota-GTC C 1 Mi E	1	2.0	18	0.0	18	0	0.02	-1.0	1.0	-41.94	41.94	-99.00
SBWC	Santa Barbara-3 W. C	10	3.0	8	0.7	7	-1	0.23	-0.9	0.9	-4.19	4.19	0.35
SLOM	San Luis Obispo-1160	1	2.0	7	0.4	7	0	0.22	-0.8	0.8	-41.94	41.94	-99.00
SMSB	Santa Maria-500 S Br	3	2.0	5	0.1	5	0	0.07	-0.9	0.9	-13.98	13.98	-99.00

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0002	SubRegion	53	4.0	6	3.3	6	0	0.83	-1.4	1.4	-0.55	0.55	0.49
	Subregional Peak:				4.3	0	-6	1.08	(at cell 34 x 41)				
ELRO	El Rio-Rio Mesa Scho	13	3.0	7	1.9	0	-7	0.65	-0.5	0.5	-2.26	2.26	0.03
EMMA	Emma Wood State Beac	7	3.0	6	1.3	6	0	0.42	-0.6	0.6	-4.19	4.19	0.49
SVAL	Simi Valley-5400 Coc	18	4.0	6	3.3	6	0	0.83	-0.5	0.5	-1.63	1.63	0.36
TOMP	Thousand Oaks-9 2323	15	4.0	6	1.9	7	1	0.48	-0.6	0.6	-1.96	1.96	0.85

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			------- Peak Concentrations --------					--- Comparisons with Observations ---				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0003	SubRegion	68	10.0	8	4.6	7	-1	0.46	-2.9	2.9	-0.56	0.59	0.47
	Subregional Peak:				6.9	23	15	0.69	(at cell 45 x 40)				
BRBK	Burbank-228 W Palm A	23	9.0	9	4.3	5	-4	0.48	-0.6	0.6	-1.65	1.74	-0.10
RSDA	Reseda-18330 Gault S	23	10.0	8	4.6	7	-1	0.46	-0.6	0.6	-1.65	1.74	0.75
CALB	Calabasas (AV)	22	8.0	8	3.8	7	-1	0.47	-0.4	0.5	-1.73	1.82	0.52

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			------- Peak Concentrations --------					--- Comparisons with Observations ---				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0004	SubRegion	200	10.0	7	6.2	0	-7	0.62	-2.4	2.4	-0.56	0.58	0.55
	Subregional Peak:				8.5	0	-7	0.85	(at cell 64 x 38)				
AZSA	Azusa-803 N Loren Av	23	9.0	7	6.2	0	-7	0.69	-0.5	0.5	-4.90	5.06	0.81
BANH	Banning-135 N Allesa	7	4.0	0	2.9	0	0	0.73	-0.6	0.6	-16.09	16.64	0.31
FONT	Fontana-14360 Arrow	23	7.0	7	4.4	0	-7	0.62	-0.5	0.5	-4.90	5.06	0.80
GLDR	Glendora-840 Laurel	23	9.0	8	4.8	6	-2	0.53	-0.5	0.6	-4.90	5.06	0.76
LELS	Lake Elsinore-506 W	9	4.0	5	2.2	0	-5	0.55	-0.5	0.6	-12.52	12.94	-0.65
POMA	Pomona-924 N. Garey	23	10.0	7	4.8	7	0	0.48	-0.7	0.7	-4.90	5.06	0.86
RUBI	Rubidoux-5888 Missio	19	10.0	7	4.7	0	-7	0.47	-0.7	0.7	-5.93	6.13	0.40
SANB	San Bernardino-24302	23	6.0	0	4.2	0	0	0.69	-0.8	0.8	-4.90	5.06	0.63
SNBO	San Bernardino-ARB	23	5.0	6	4.6	7	1	0.92	-0.4	0.5	-4.90	5.06	0.16
ULDS	Upland-155 "D" St	23	5.0	0	4.5	7	7	0.90	-0.4	0.5	-4.90	5.06	0.20
CAJB	Cajon Pass (AV)	4	2.0	3	1.4	3	0	0.70	-0.6	0.6	-28.16	29.12	0.20

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

------- Peak Concentrations -------- --- Comparisons with Observations ---

Site	Description	No	Observed Value	Observed Time	Predicted Value	Predicted Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0005	SubRegion	193	8.0	9	6.6	6	-3	0.82	-0.4	1.4	-0.12	0.43	0.51
	Subregional Peak:				12.8	0	-9	1.61	(at cell 55 x 28)				
ANAH	Anahiem-1610 S Harbo	23	5.0	7	6.2	0	-7	1.25	-0.1	0.5	-1.01	3.57	0.64
CMMV	Costa Mesa-2850 Mesa	6	3.0	5	5.9	5	0	1.95	0.2	0.7	-3.87	13.70	0.95
HAWH	Hawthorne-5234 W. 12	20	7.0	8	5.9	6	-2	0.85	0.2	0.4	-1.16	4.11	0.48
LANM	Los Angeles-1630 N M	23	8.0	9	6.6	6	-3	0.82	-0.1	0.3	-1.01	3.57	0.25
LHAB	La Habra-621 W. Lamb	23	5.0	6	5.9	8	2	1.18	-0.3	0.4	-1.01	3.57	0.91
LYNW	Lynwood-11220 Long B	23	7.0	7	6.2	6	-1	0.89	-0.1	0.5	-1.01	3.57	0.28
NLGB	Long Beach-3648 N Lo	13	4.0	6	6.0	6	0	1.51	-0.2	0.5	-1.79	6.32	0.82
PDSW	Pasadena-752 S. Wils	20	6.0	7	4.7	0	-7	0.78	-0.3	0.3	-1.16	4.11	0.66
VALA	W Los Angeles-VA Hos	20	7.0	9	6.4	6	-3	0.91	-0.1	0.4	-1.16	4.11	0.13
PICO	Pico Rivera-3713 San	22	5.0	8	5.9	6	-2	1.19	-0.3	0.5	-1.06	3.74	0.72

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

------- Peak Concentrations -------- --- Comparisons with Observations ---

Site	Description	No	Observed Value	Observed Time	Predicted Value	Predicted Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0006	SubRegion	152	6.0	7	6.9	6	-1	1.15	-0.2	1.6	-0.04	0.70	-0.02
	Subregional Peak:				9.5	1	-6	1.58	(at cell 70 x 04)				
CHVT	Chula Vista-80 E "J"	7	3.0	8	6.9	6	-2	2.30	0.7	1.2	-0.83	15.21	-0.11
ECAJ	El Cajon-1155 Redwoo	12	4.0	8	1.2	7	-1	0.31	-0.7	0.7	-0.48	8.87	0.11
ESCO	Escondido-600 E. Val	21	5.0	6	2.5	7	1	0.49	-0.7	0.7	-0.28	5.07	0.63
OCEA	Oceanside-1701 Missi	13	3.0	5	4.5	6	1	1.50	0.3	0.4	-0.44	8.19	0.41
OTAY	Otay-1100 Paseo Inte	20	5.0	0	3.6	6	6	0.71	-0.6	0.7	-0.29	5.32	0.33
SDOV	San Diego-5555 Overl	23	3.0	0	5.5	7	7	1.82	0.4	0.4	-0.25	4.63	0.68
SD12	San Diego-330A 12th	3	2.0	4	5.6	6	2	2.80	1.6	1.6	-1.93	35.49	-99.00
PEND	Camp Del MSDCAPCD	12	2.0	0	3.7	6	6	1.83	0.1	0.5	-0.48	8.87	-99.00
SOLM	La Jolla SDCAPCD	5	2.0	5	4.5	7	2	2.23	1.0	1.0	-1.16	21.29	-99.00
TILM	Tijuana 1 CARB	14	6.0	7	6.7	2	-5	1.11	0.1	0.8	-0.41	7.61	0.12
TIPL	Tijuana 2 CARB	8	2.0	0	6.2	0	0	3.09	0.0	1.1	-0.72	13.31	0.12
TITT	Tijuana 3 CARB	14	4.0	8	6.4	1	-7	1.61	0.0	0.7	-0.41	7.61	0.06

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

------- Peak Concentrations -------- --- Comparisons with Observations ---

Site	Description	No	Observed Value	Observed Time	Predicted Value	Predicted Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0007	SubRegion	59	8.0	21	5.9	23	2	0.74	-1.9	2.3	-0.42	0.61	0.02
	Subregional Peak:				6.8	23	2	0.85	(at cell 34 x 69)				
BKGS	Bakersfield-1138 Gol	21	6.0	21	3.7	1	-20	0.61	-0.5	0.5	-1.19	1.72	0.58
BLFC	Bakersfield-5558 Cal	14	8.0	21	3.2	6	-15	0.40	-0.5	0.5	-1.79	2.58	-0.19
ARVN	Arvin-20401 Bear Mtn	1	2.0	6	0.4	6	0	0.18	-0.8	0.8	-25.04	36.11	-99.00
OLDL	Oildale-3311 Manor S	9	4.0	4	5.9	23	19	1.48	0.6	0.7	-2.78	4.01	0.04
SHFT	Shafter-548 Walker S	14	5.0	22	0.9	0	-22	0.18	-0.9	0.9	-1.79	2.58	-0.01

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

------- Peak Concentrations -------- --- Comparisons with Observations ---

Site	Description	No	Observed Value	Observed Time	Predicted Value	Predicted Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0008	SubRegion	22	6.0	6	3.9	5	-1	0.64	-1.4	1.5	-0.56	0.60	0.67
	Subregional Peak:				4.2	5	-1	0.70	(at cell 65 x 49)				
MOJP	Mojave-923 Poole St	1	2.0	5	0.1	5	0	0.07	-0.9	0.9	-12.33	13.25	-99.00
HESP	Hesperia-17288 Olive	5	3.0	2	2.6	3	1	0.85	0.0	0.2	-2.47	2.65	0.34
LANC	Lancaster-315 W. Pon	13	3.0	4	1.0	5	1	0.35	-0.8	0.8	-0.95	1.02	0.56
VICT	Victorville-14029 Am	3	6.0	6	3.9	5	-1	0.64	-0.3	0.3	-4.11	4.42	-0.44

* * * Model Performance Evaluation * * *

Pollutant: NO2 (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

------- Peak Concentrations -------- --- Comparisons with Observations ---

Site	Description	No	Observed Value	Observed Time	Predicted Value	Predicted Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0009	SubRegion	15	2.0	20	0.9	9	-11	0.43	-1.5	1.5	-0.74	0.74	-99.00
	Subregional Peak:				3.1	0	-20	1.53	(at cell 76 x 35)				
CALE	Calexico-Calexico HS	1	2.0	20	0.4	20	0	0.19	-0.8	0.8	-11.11	11.11	-99.00
MEXU	Mexicali 3	1	2.0	21	0.5	21	0	0.23	-0.8	0.8	-11.11	11.11	-99.00
PALM	Palm Springs-Fs 590	4	2.0	5	0.8	7	2	0.39	-0.7	0.7	-2.78	2.78	-99.00
TNPM	Twentynine Palms-607	1	2.0	5	0.0	5	0	0.02	-1.0	1.0	-11.11	11.11	-99.00
MEXA	Mexicali CARB	8	2.0	9	0.9	9	0	0.43	-0.7	0.7	-1.39	1.39	-99.00

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

SubRegional Descriptions

SubRegion 000 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
SNI	San Nicholas Island	23	21	260.383	3682.870

SubRegion 001 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
GLWF	Goleta-380 W Fairvie	19	47	241.171	3813.608
ATAS	Atascadero-6005 Lewi	4	71	167.308	3932.630
CPGB	Carpinteria-Gobernad	25	46	274.784	3809.034
ECSP	El Capitan State Par	15	48	222.842	3815.987
GAVE	Gaviota East-N Of Ch	12	48	206.051	3818.354
GAVW	Gaviota West-NW Of C	12	48	206.051	3818.354
GCTY	Grover City-9 Le Sag	5	63	170.360	3891.772
GTCB	Nojoqui Pass-GTC B H	12	49	207.757	3823.853
GTCC	Gaviota-GTC C 1 Mi E	12	48	207.582	3818.305
LFC1	Capitan-LFC #1 Las F	15	48	221.421	3819.730
LOSP	Los Padres NF-Paradi	19	49	244.541	3824.616
LPHS	Lompoc-HS&P Facility	8	54	187.080	3846.744
LPSH	Lompoc-128 S 'H' St	7	52	183.708	3837.602
PTCL	Point Conception Lig	7	48	183.013	3817.260
SBWC	Santa Barbara-3 W. C	21	47	251.846	3811.467
SLOM	San Luis Obispo-1160	4	67	168.001	3910.379
SMSB	Santa Maria-500 S Br	8	59	186.376	3870.837
UCSB	UCSB West Campus-Arc	18	47	236.471	3810.039
VBPP	Vandenberg AFB-Sts P	4	51	168.222	3832.590

SubRegion 002 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
ELRO	El Rio-Rio Mesa Scho	31	43	303.549	3791.740
EMMA	Emma Wood State Beac	28	44	286.748	3795.806
OJAI	Ojai-1768 Maricopa H	29	47	291.723	3812.339
SVAL	Simi Valley-5400 Coc	40	43	345.024	3792.811
THOS	Oak View-5500 Casita	26	46	279.337	3807.076
TOMP	Thousand Oaks-9 2323	36	42	328.007	3785.712

SubRegion 003 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
BRBK	Burbank-228 W Palm A	47	41	380.176	3781.205
RSDA	Reseda-18330 Gault S	43	41	360.232	3783.329
CALB	Calabasas (AV)	41	40	351.388	3779.520

SubRegion 004 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
AZSA	Azusa-803 N Loren Av	54	40	415.477	3777.125
BANH	Banning-135 N Allesa	73	35	512.325	3752.730

FONT	Fontana-14360 Arrow	61	39	453.879	3773.162
GLDR	Glendora-840 Laurel	55	40	421.624	3777.071
LELS	Lake Elsinore-506 W	64	30	469.097	3725.054
PHEL	Phelan-Beekley & Phe	60	46	449.457	3808.298
POMA	Pomona-924 N. Garey	57	38	430.791	3769.607
RUBI	Rubidoux-5888 Missio	63	37	461.521	3762.040
SANB	San Bernardino-24302	66	39	475.402	3773.081
SNBO	San Bernardino-ARB	58	39	438.493	3771.402
CAJB	Cajon Pass (AV)	62	45	458.830	3803.663
MBLD	Azusa CARB	59	42	442.827	3788.654

SubRegion 005 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
ANAH	Anahiem-1610 S Harbo	54	33	416.706	3741.999
CMMV	Costa Mesa-2850 Mesa	54	30	415.015	3725.381
HAWH	Hawthorne-5234 W. 12	45	35	373.661	3753.563
LANM	Los Angeles-1630 N M	48	39	386.188	3770.040
LHAB	La Habra-621 W. Lamb	53	35	412.180	3753.128
LYNW	Lynwood-11220 Long B	48	35	389.069	3753.370
NLGB	Long Beach-3648 N Lo	49	33	390.482	3742.264
PDSW	Pasadena-752 S. Wils	50	39	398.512	3771.747
VALA	W Los Angeles-VA Hos	44	38	366.166	3768.454
PICO	Pico Rivera-3713 San	51	37	403.031	3762.458

SubRegion 006 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
CHVT	Chula Vista-80 E "J"	70	6	495.309	3608.603
ECAJ	El Cajon-1155 Redwoo	72	10	506.243	3627.079
ESCO	Escondido-600 E. Val	69	17	493.780	3664.031
OCEA	Oceanside-1701 Missi	64	19	465.824	3673.327
OTAY	Otay-1100 Paseo Inte	72	5	506.257	3604.909
SDOV	San Diego-5555 Overl	68	11	489.079	3630.779
SD12	San Diego-330A 12th	68	8	485.940	3617.850
PEND	Camp Del MSDCAPCD	63	20	463.087	3675.247
SOLM	La Jolla SDCAPCD	66	11	476.604	3633.479
TILM	Tijuana 1 CARB	71	4	502.161	3595.415
TIPL	Tijuana 2 CARB	68	4	489.151	3597.222
TITT	Tijuana 3 CARB	71	4	501.409	3598.441

SubRegion 007 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
BKGS	Bakersfield-1138 Gol	34	68	318.335	3917.192
BLFC	Bakersfield-5558 Cal	34	67	315.231	3913.556
ARVN	Arvin-20401 Bear Mtn	38	64	337.652	3896.481
EDSN	Edison-Johnson Farm	37	67	331.858	3911.381
OLDL	Oildale-3311 Manor S	34	69	318.448	3922.739
SHFT	Shafter-548 Walker S	29	71	294.407	3930.657

SubRegion 008 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
MOJP	Mojave-923 Poole St	50	60	396.640	3878.977
HESP	Hesperia-17288 Olive	65	46	473.963	3808.197
LANC	Lancaster-315 W. Pon	50	52	397.707	3838.298
VICT	Victorville-14029 Am	65	48	470.773	3817.551

SubRegion 009 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
CALE	Calexico-Calexico HS	99	8	643.784	3615.183
MEXT	Mexicali 2	101	5	654.966	3604.664
MEXU	Mexicali 3	100	7	645.747	3611.053
PALM	Palm Springs-Fs 590	79	34	543.172	3745.428
TNPM	Twentynine Palms-607	88	40	587.597	3777.153
CLXE	Calexico CARB	101	8	650.856	3616.181
MEXA	Mexicali CARB	100	7	647.525	3614.356

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations					Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0001	SubRegion	8	6.0	22	0.8	7	-15	0.13	-2.8	2.8	-0.95	0.95	-0.26
	Subregional Peak:				5.3	7	-15	0.88	(at cell 07 x 58)				
ATAS	Atascadero-6005 Lewi	2	3.0	6	0.0	5	-1	0.00	-1.0	1.0	-3.81	3.81	-99.00
ECSP	El Capitan State Par	5	6.0	22	0.0	1	-21	0.00	-1.0	1.0	-1.52	1.52	-99.00
SBWC	Santa Barbara-3 W. C	1	2.0	7	0.8	7	0	0.39	-0.6	0.6	-7.61	7.61	-99.00

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations					Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0002	SubRegion	20	10.0	6	7.9	5	-1	0.79	-2.3	2.5	-0.69	0.73	0.76
	Subregional Peak:				8.7	5	-1	0.87	(at cell 40 x 43)				
ELRO	El Rio-Rio Mesa Scho	5	4.0	5	0.7	23	18	0.18	-0.9	0.9	-2.75	2.92	-0.92
EMMA	Emma Wood State Beac	2	2.0	2	0.0	2	0	0.00	-1.0	1.0	-6.87	7.29	-99.00
SVAL	Simi Valley-5400 Coc	9	10.0	6	7.9	5	-1	0.79	-0.5	0.6	-1.53	1.62	0.76
TOMP	Thousand Oaks-9 2323	4	5.0	6	1.4	5	-1	0.28	-0.6	0.6	-3.43	3.64	-0.36

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0003	SubRegion	30	11.0	6	20.2	5	-1	1.84	2.5	3.9	0.90	1.18	0.33
	Subregional Peak:				34.4	5	-1	3.13	(at cell 43 x 40)				
BRBK	Burbank-228 W Palm A	16	11.0	6	10.6	5	-1	0.96	0.0	0.5	1.70	2.21	0.74
RSDA	Reseda-18330 Gault S	10	7.0	6	20.2	5	-1	2.89	1.8	1.8	2.71	3.54	0.73
CALB	Calabasas (AV)	4	2.0	0	11.0	7	7	5.52	2.3	2.3	6.79	8.86	-99.00

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0004	SubRegion	62	23.0	6	26.4	5	-1	1.15	0.9	4.5	0.37	0.91	0.31
	Subregional Peak:				66.3	4	-2	2.88	(at cell 59 x 38)				
AZSA	Azusa-803 N Loren Av	6	10.0	7	7.7	5	-2	0.77	-0.4	0.6	3.83	9.44	0.06
BANH	Banning-135 N Allesa	3	3.0	0	1.3	23	23	0.43	-0.7	0.7	7.67	18.88	-0.14
FONT	Fontana-14360 Arrow	12	13.0	5	12.7	3	-2	0.98	-0.1	0.6	1.92	4.72	0.12
GLDR	Glendora-840 Laurel	1	2.0	8	0.5	8	0	0.23	-0.8	0.8	23.01	56.63	-99.00
LELS	Lake Elsinore-506 W	2	7.0	5	4.7	6	1	0.67	-0.2	0.2	11.50	28.31	-99.00
POMA	Pomona-924 N. Garey	13	23.0	6	11.2	6	0	0.49	-0.3	0.4	1.77	4.36	0.80
RUBI	Rubidoux-5888 Missio	10	13.0	5	26.4	5	0	2.03	2.0	2.0	2.30	5.66	0.52
SANB	San Bernardino-24302	7	3.0	3	6.4	23	20	2.13	0.4	0.6	3.29	8.09	-0.48
SNBO	San Bernardino-ARB	8	7.0	5	24.0	5	0	3.43	1.4	1.5	2.88	7.08	0.69

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

Peak Concentrations --- Comparisons with Observations

Site	Description	No	Observed Value	Observed Time	Predicted Value	Predicted Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0005	SubRegion	96	16.0	5	53.4	7	2	3.34	8.7	9.5	2.11	2.29	0.41
	Subregional Peak:				71.5	5	0	4.47	(at cell 49 x 37)				
ANAH	Anahiem-1610 S Harbo	9	5.0	5	21.2	6	1	4.24	1.9	1.9	22.46	24.40	0.73
CMMV	Costa Mesa-2850 Mesa	2	4.0	7	6.4	7	0	1.59	0.3	0.3	101.09	109.80	-99.00
HAWH	Hawthorne-5234 W. 12	8	7.0	6	28.2	7	1	4.03	3.8	4.2	25.27	27.45	0.65
LANM	Los Angeles-1630 N M	13	12.0	6	40.7	5	-1	3.39	3.1	3.1	15.55	16.89	0.10
LHAB	La Habra-621 W. Lamb	9	4.0	5	8.2	6	1	2.05	0.7	0.8	22.46	24.40	0.76
LYNW	Lynwood-11220 Long B	23	12.0	5	27.1	6	1	2.26	0.5	1.0	8.79	9.55	0.67
NLGB	Long Beach-3648 N Lo	7	7.0	10	53.4	7	-3	7.63	5.9	5.9	28.88	31.37	0.16
PDSW	Pasadena-752 S. Wils	10	7.0	6	13.2	5	-1	1.88	1.8	1.9	20.22	21.96	0.37
VALA	W Los Angeles-VA Hos	5	5.0	6	21.9	6	0	4.37	3.5	3.5	40.43	43.92	0.64
PICO	Pico Rivera-3713 San	10	16.0	5	24.4	5	0	1.53	1.8	1.8	20.22	21.96	0.80

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

------- Peak Concentrations -------- --- Comparisons with Observations ---

Site	Description	No	Observed Value	Observed Time	Predicted Value	Predicted Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0006	SubRegion	43	5.0	6	14.6	7	1	2.92	3.0	3.7	1.24	1.47	0.20
	Subregional Peak:				34.2	23	17	6.85	(at cell 70 x 04)				
CHVT	Chula Vista-80 E "J"	6	5.0	6	11.7	7	1	2.34	1.3	1.3	8.90	10.56	0.54
ECAJ	El Cajon-1155 Redwoo	3	3.0	6	8.8	7	1	2.95	1.8	1.8	17.80	21.12	0.92
ESCO	Escondido-600 E. Val	10	5.0	6	9.1	6	0	1.83	0.7	0.8	5.34	6.34	0.91
OCEA	Oceanside-1701 Missi	3	3.0	4	14.1	6	2	4.71	2.3	2.3	17.80	21.12	0.08
OTAY	Otay-1100 Paseo Inte	4	4.0	6	1.7	10	4	0.42	-0.6	0.6	13.35	15.84	-0.51
SDOV	San Diego-5555 Overl	3	2.0	6	14.6	7	1	7.31	4.1	4.1	17.80	21.12	-99.00
SD12	San Diego-330A 12th	5	5.0	7	10.4	7	0	2.08	0.9	0.9	10.68	12.67	0.83
PEND	Camp Del MSDCAPCD	4	5.0	5	6.3	6	1	1.27	0.0	1.1	13.35	15.84	-0.16
TILM	Tijuana 1 CARB	3	3.0	21	10.3	22	1	3.44	1.8	1.8	17.80	21.12	-0.08
TITT	Tijuana 3 CARB	2	2.0	6	8.9	7	1	4.43	2.9	2.9	26.69	31.68	-99.00

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

------- Peak Concentrations -------- --- Comparisons with Observations ---

Site	Description	No	Observed Value	Observed Time	Predicted Value	Predicted Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)

0007	SubRegion	11	7.0	6	18.0	0	-6	2.57	2.9	3.9	0.93	1.20	0.23
	Subregional Peak:				65.8	2	-4	9.40	(at cell 34 x 69)				
BKGS	Bakersfield-1138 Gol	3	5.0	23	11.8	23	0	2.37	0.8	0.8	3.40	4.39	1.00
BLFC	Bakersfield-5558 Cal	7	7.0	6	18.0	0	-6	2.57	1.2	1.4	1.46	1.88	-0.19
SHFT	Shafter-548 Walker S	1	2.0	23	0.0	23	0	0.00	-1.0	1.0	10.19	13.16	-99.00

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0008	SubRegion	25	7.0	0	0.0	19	19	0.01	-2.9	2.9	-1.00	1.00	-0.22
	Subregional Peak:				27.8	3	3	3.97	(at cell 65 x 49)				
MOJP	Mojave-923 Poole St	1	2.0	6	0.0	6	0	0.00	-1.0	1.0	-24.88	24.88	-99.00
LANC	Lancaster-315 W. Pon	24	7.0	0	0.0	19	19	0.01	-1.0	1.0	-1.04	1.04	-0.25

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0009	SubRegion	6	10.0	21	2.0	21	0	0.20	-3.5	3.5	-0.83	0.83	0.77
	Subregional Peak:				8.7	3	-18	0.87	(at cell 100 x 07)				
MEXT	Mexicali 2	3	5.0	21	0.9	22	1	0.17	-0.8	0.8	-1.67	1.67	-0.70
MEXU	Mexicali 3	2	10.0	21	2.0	21	0	0.20	-0.8	0.8	-2.50	2.50	-99.00
CLXE	Calexico CARB	1	2.0	21	0.3	21	0	0.16	-0.8	0.8	-5.00	5.00	-99.00

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0001	SubRegion	22	11.0	6	1.3	7	1	0.12	-3.5	3.5	-0.97	0.97	0.36
	Subregional Peak:				1.8	7	1	0.16	(at cell 21 x 47)				
GLWF	Goleta-380 W Fairvie	2	5.0	7	0.1	7	0	0.03	-1.0	1.0	-10.62	10.62	-99.00
ATAS	Atascadero-6005 Lewi	1	2.0	5	0.0	5	0	0.00	-1.0	1.0	-21.24	21.24	-99.00
ECSP	El Capitan State Par	5	5.0	6	0.0	7	1	0.00	-1.0	1.0	-4.25	4.25	-0.25
GCTY	Grover City-9 Le Sag	2	4.0	5	0.0	5	0	0.00	-1.0	1.0	-10.62	10.62	-99.00
GTCC	Gaviota-GTC C 1 Mi E	1	2.0	6	0.0	6	0	0.00	-1.0	1.0	-21.24	21.24	-99.00
LPSH	Lompoc-128 S 'H' St	2	2.0	6	0.1	7	1	0.04	-1.0	1.0	-10.62	10.62	-99.00
SBWC	Santa Barbara-3 W. C	4	11.0	6	1.3	7	1	0.12	-0.9	0.9	-5.31	5.31	-0.20
SMSB	Santa Maria-500 S Br	4	6.0	6	0.2	8	2	0.04	-1.0	1.0	-5.31	5.31	-0.79
UCSB	UCSB West Campus-Arc	1	2.0	5	0.0	5	0	0.00	-1.0	1.0	-21.24	21.24	-99.00

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0002	SubRegion	22	13.0	6	9.6	5	-1	0.74	-2.2	3.4	-0.48	0.91	0.39
	Subregional Peak:				11.0	4	-2	0.85	(at cell 40 x 43)				
ELRO	El Rio-Rio Mesa Scho	5	3.0	7	0.8	7	0	0.26	-0.9	0.9	-2.09	4.02	0.77
EMMA	Emma Wood State Beac	5	5.0	5	0.1	8	3	0.02	-1.0	1.0	-2.09	4.02	-0.83
SVAL	Simi Valley-5400 Coc	8	13.0	6	9.6	5	-1	0.74	0.2	1.0	-1.31	2.51	0.22
TOMP	Thousand Oaks-9 2323	4	8.0	5	1.7	7	2	0.21	-0.7	0.7	-2.62	5.02	-0.73

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

Peak Concentrations --- Comparisons with Observations

Site	Description	No	Observed Value	Observed Time	Predicted Value	Predicted Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0003	SubRegion	28	17.0	6	20.3	5	-1	1.19	0.2	5.7	0.43	1.10	0.03
	Subregional Peak:				37.3	5	-1	2.19	(at cell 43 x 40)				
BRBK	Burbank-228 W Palm A	13	17.0	6	5.3	5	-1	0.31	-0.7	0.7	0.93	2.36	0.81
RSDA	Reseda-18330 Gault S	10	12.0	6	20.3	5	-1	1.69	1.0	1.0	1.21	3.07	0.67
CALB	Calabasas (AV)	5	4.0	1	16.5	6	5	4.12	2.3	2.3	2.42	6.14	-0.79

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

------- Peak Concentrations -------- --- Comparisons with Observations ---

Site	Description	No	Observed Value	Observed Time	Predicted Value	Predicted Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0004	SubRegion	71	23.0	6	25.2	3	-3	1.10	-3.4	6.1	-0.31	0.90	0.23
	Subregional Peak:				63.4	4	-2	2.76	(at cell 64 x 38)				
AZSA	Azusa-803 N Loren Av	17	11.0	7	1.3	23	16	0.12	-0.9	0.9	-1.29	3.76	0.04
BANH	Banning-135 N Allesa	6	4.0	0	2.7	1	1	0.67	-0.4	0.5	-3.66	10.65	0.18
FONT	Fontana-14360 Arrow	9	8.0	0	7.4	23	23	0.93	0.1	0.9	-2.44	7.10	-0.46
LELS	Lake Elsinore-506 W	2	4.0	5	0.0	5	0	0.00	-1.0	1.0	-10.99	31.95	-99.00
POMA	Pomona-924 N. Garey	13	23.0	6	2.1	23	17	0.09	-0.9	0.9	-1.69	4.91	0.51
RUBI	Rubidoux-5888 Missio	12	20.0	6	25.2	3	-3	1.26	0.3	0.7	-1.83	5.32	0.66
SANB	San Bernardino-24302	7	5.0	5	8.9	3	-2	1.77	1.4	1.5	-3.14	9.13	-0.22
SNBO	San Bernardino-ARB	5	9.0	6	3.5	22	16	0.39	-0.6	0.7	-4.40	12.78	-0.08

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

------- Peak Concentrations -------- --- Comparisons with Observations ---

Site	Description	No	Observed Value	Observed Time	Predicted Value	Predicted Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0005	SubRegion	120	19.0	5	35.1	5	0	1.85	4.1	6.5	1.22	1.62	0.33
	Subregional Peak:				47.5	0	-5	2.50	(at cell 49 x 37)				
ANAH	Anahiem-1610 S Harbo	13	12.0	7	30.9	5	-2	2.57	2.6	2.8	11.28	14.98	0.62
CMMV	Costa Mesa-2850 Mesa	2	2.0	6	13.3	6	0	6.65	5.4	5.4	73.33	97.36	-99.00
HAWH	Hawthorne-5234 W. 12	15	12.0	6	23.7	5	-1	1.98	1.4	1.8	9.78	12.98	0.54
LANM	Los Angeles-1630 N M	16	19.0	5	16.6	0	-5	0.88	0.5	0.7	9.17	12.17	0.50
LHAB	La Habra-621 W. Lamb	11	12.0	6	9.9	5	-1	0.83	0.3	1.0	13.33	17.70	0.30

LYNW	Lynwood-11220 Long B	22	12.0	7	31.4	5	-2	2.62	0.3	0.9	6.67	8.85	0.65
NLGB	Long Beach-3648 N Lo	8	12.0	9	35.1	5	-4	2.92	5.7	5.7	18.33	24.34	-0.37
PDSW	Pasadena-752 S. Wils	9	8.0	6	7.6	0	-6	0.94	0.1	0.9	16.29	21.63	-0.27
VALA	W Los Angeles-VA Hos	10	14.0	6	19.1	7	1	1.37	0.3	0.5	14.67	19.47	0.82
PICO	Pico Rivera-3713 San	14	16.0	7	26.6	2	-5	1.66	1.0	1.4	10.48	13.91	0.12

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0006	SubRegion	60	9.0	8	21.0	1	-7	2.33	2.4	3.8	0.94	1.48	0.29
	Subregional Peak:				44.2	0	-8	4.91	(at cell 70 x 04)				
CHVT	Chula Vista-80 E "J"	7	4.0	6	13.3	6	0	3.33	2.8	2.8	8.01	12.70	0.45
ECAJ	El Cajon-1155 Redwoo	5	4.0	6	3.1	5	-1	0.77	-0.4	0.4	11.22	17.78	0.56
ESCO	Escondido-600 E. Val	6	5.0	6	1.8	5	-1	0.37	-0.8	0.8	9.35	14.82	0.77
OCEA	Oceanside-1701 Missi	3	3.0	8	13.7	6	-2	4.55	1.9	2.1	18.70	29.64	-0.36
OTAY	Otay-1100 Paseo Inte	6	3.0	6	4.4	1	-5	1.48	0.0	0.8	9.35	14.82	-0.33
SDOV	San Diego-5555 Overl	7	7.0	7	14.2	21	14	2.03	1.7	1.7	8.01	12.70	-0.03
SD12	San Diego-330A 12th	6	9.0	8	17.4	7	-1	1.93	1.3	1.4	9.35	14.82	0.40
PEND	Camp Del MSDCAPCD	9	3.0	5	6.7	6	1	2.24	-0.1	1.1	6.23	9.88	0.23
TILM	Tijuana 1 CARB	5	7.0	22	21.0	1	-21	3.00	2.0	2.3	11.22	17.78	-0.43
TIPL	Tijuana 2 CARB	3	2.0	8	2.3	8	0	1.15	-0.3	0.4	18.70	29.64	-0.43
TITT	Tijuana 3 CARB	3	3.0	22	11.6	6	-16	3.87	2.9	2.9	18.70	29.64	-1.00

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0007	SubRegion	23	6.0	5	15.4	0	-5	2.56	3.4	5.3	1.33	1.93	0.05
	Subregional Peak:				41.0	0	-5	6.83	(at cell 34 x 69)				
BKGS	Bakersfield-1138 Gol	7	4.0	5	15.4	0	-5	3.84	3.0	3.0	4.36	6.34	0.09
BLFC	Bakersfield-5558 Cal	9	5.0	1	14.0	1	0	2.79	1.9	1.9	3.39	4.93	0.37
SHFT	Shafter-548 Walker S	7	6.0	5	0.1	7	2	0.01	-1.0	1.0	4.36	6.34	-0.36

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0008	SubRegion	25	6.0	5	0.2	18	13	0.03	-2.8	2.8	-0.98	0.98	0.11
	Subregional Peak:				18.1	3	-2	3.02	(at cell 65 x 48)				
LANC	Lancaster-315 W. Pon	23	6.0	5	0.2	7	2	0.03	-1.0	1.0	-1.07	1.07	0.29
VICT	Victorville-14029 Am	2	3.0	19	0.2	18	-1	0.07	-0.9	0.9	-12.29	12.29	-99.00

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0009	SubRegion	3	2.0	6	0.8	20	14	0.42	-1.5	1.5	-0.76	0.76	-99.00
	Subregional Peak:				6.1	22	16	3.04	(at cell 100 x 07)				
MEXU	Mexicali 3	1	2.0	6	0.0	6	0	0.00	-1.0	1.0	-2.27	2.27	-99.00
MEXA	Mexicali CARB	2	2.0	19	0.8	20	1	0.42	-0.6	0.6	-1.13	1.13	-99.00

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0001	SubRegion	6	2.0	7	0.1	8	1	0.04	-2.0	2.0	-0.99	0.99	-99.00
	Subregional Peak:				0.2	9	2	0.11	(at cell 07 x 58)				
GLWF	Goleta-380 W Fairvie	1	2.0	7	0.0	7	0	0.01	-1.0	1.0	-5.93	5.93	-99.00
ECSP	El Capitan State Par	2	2.0	5	0.0	5	0	0.00	-1.0	1.0	-2.96	2.96	-99.00

GTCB	Nojoqui Pass-GTC B H	1	2.0	22	0.0	22	0	0.00	-1.0	1.0	-5.93	5.93	-99.00
SBWC	Santa Barbara-3 W. C	2	2.0	7	0.1	8	1	0.04	-1.0	1.0	-2.96	2.96	-99.00

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0002	SubRegion	13	8.0	6	0.2	7	1	0.03	-4.1	4.1	-0.98	0.98	-0.15
	Subregional Peak:				2.6	0	-6	0.33	(at cell 40 x 45)				
ELRO	El Rio-Rio Mesa Scho	4	5.0	6	0.2	7	1	0.05	-1.0	1.0	-3.18	3.18	-0.61
EMMA	Emma Wood State Beac	4	6.0	5	0.0	5	0	0.00	-1.0	1.0	-3.18	3.18	0.85
SVAL	Simi Valley-5400 Coc	2	8.0	6	0.1	5	-1	0.02	-1.0	1.0	-6.35	6.35	-99.00
TOMP	Thousand Oaks-9 2323	3	6.0	6	0.2	7	1	0.04	-1.0	1.0	-4.24	4.24	-0.50

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0003	SubRegion	29	11.0	6	5.8	0	-6	0.53	-2.9	3.4	-0.61	0.85	-0.09
	Subregional Peak:				17.3	0	-6	1.57	(at cell 43 x 39)				
BRBK	Burbank-228 W Palm A	13	7.0	1	1.6	0	-1	0.22	-0.9	0.9	-1.37	1.89	-0.03
RSDA	Reseda-18330 Gault S	11	11.0	6	5.8	0	-6	0.53	-0.3	0.9	-1.62	2.23	-0.28
CALB	Calabasas (AV)	5	5.0	6	2.3	5	-1	0.47	-0.6	0.6	-3.56	4.91	0.10

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)

Site	Description	No	Observed Value	Observed Time	Predicted Value	Predicted Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0004	SubRegion	57	25.0	6	11.0	1	-5	0.44	-4.5	5.0	-0.60	0.81	0.48
	Subregional Peak:				33.2	0	-6	1.33	(at cell 64 x 38)				
AZSA	Azusa-803 N Loren Av	18	14.0	6	2.4	7	1	0.17	-0.8	0.9	-1.90	2.57	0.62
BANH	Banning-135 N Allesa	1	2.0	1	0.0	1	0	0.00	-1.0	1.0	-34.11	46.30	-99.00
FONT	Fontana-14360 Arrow	5	12.0	6	5.6	0	-6	0.47	-0.1	0.9	-6.82	9.26	-0.45
GLDR	Glendora-840 Laurel	3	4.0	8	2.1	7	-1	0.52	-0.5	0.5	-11.37	15.43	0.81
LELS	Lake Elsinore-506 W	2	4.0	6	0.0	7	1	0.00	-1.0	1.0	-17.06	23.15	-99.00
POMA	Pomona-924 N. Garey	12	25.0	6	8.8	7	1	0.35	-0.8	0.8	-2.84	3.86	0.93
RUBI	Rubidoux-5888 Missio	8	17.0	5	11.0	1	-4	0.65	-0.6	0.6	-4.26	5.79	-0.08
SANB	San Bernardino-24302	6	3.0	0	4.5	0	0	1.51	-0.5	0.8	-5.69	7.72	0.16
SNBO	San Bernardino-ARB	2	7.0	6	9.3	6	0	1.33	1.5	1.5	-17.06	23.15	-99.00

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

Site	Description	No	Observed Value	Observed Time	Predicted Value	Predicted Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0005	SubRegion	110	18.0	6	15.0	0	-6	0.83	-0.7	3.6	-0.01	1.03	0.21
	Subregional Peak:				26.2	3	-3	1.45	(at cell 52 x 34)				
ANAH	Anahiem-1610 S Harbo	6	8.0	5	14.0	5	0	1.75	1.7	2.0	-0.21	18.84	0.57
CMMV	Costa Mesa-2850 Mesa	3	3.0	6	4.2	5	-1	1.41	0.3	0.4	-0.42	37.68	-0.17
HAWH	Hawthorne-5234 W. 12	14	13.0	5	7.6	3	-2	0.58	0.0	0.8	-0.09	8.07	0.42
LANM	Los Angeles-1630 N M	15	18.0	6	15.0	0	-6	0.83	0.1	1.3	-0.08	7.54	0.08
LHAB	La Habra-621 W. Lamb	6	5.0	5	14.2	7	2	2.84	1.5	2.1	-0.21	18.84	0.46
LYNW	Lynwood-11220 Long B	19	9.0	7	6.4	7	0	0.71	-0.8	0.8	-0.07	5.95	0.92
NLGB	Long Beach-3648 N Lo	8	6.0	5	6.2	6	1	1.03	-0.3	0.8	-0.16	14.13	0.70
PDSW	Pasadena-752 S. Wils	7	17.0	6	4.3	0	-6	0.25	-0.4	0.7	-0.18	16.15	-0.77
VALA	W Los Angeles-VA Hos	14	8.0	5	13.9	0	-5	1.74	-0.1	0.7	-0.09	8.07	0.61
PICO	Pico Rivera-3713 San	18	18.0	5	11.7	3	-2	0.65	-0.1	1.2	-0.07	6.28	0.29

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

Site	Description	No	Observed Value	Observed Time	Predicted Value	Predicted Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0006	SubRegion	47	9.0	6	8.9	0	-6	0.99	-2.0	2.5	-0.63	0.85	-0.03
	Subregional Peak:				28.0	0	-6	3.11	(at cell 70 x 04)				

CHVT	Chula Vista-80 E "J"	5	2.0	5	3.8	5	0	1.88	-0.1	0.6	-5.90	8.00	-99.00
ECAJ	El Cajon-1155 Redwoo	2	2.0	7	0.1	8	1	0.03	-1.0	1.0	-14.76	19.99	-99.00
ESCO	Escondido-600 E. Val	3	9.0	6	0.2	7	1	0.02	-1.0	1.0	-9.84	13.33	-0.90
OCEA	Oceanside-1701 Missi	5	4.0	4	1.4	7	3	0.35	-0.8	0.8	-5.90	8.00	-0.34
OTAY	Otay-1100 Paseo Inte	4	4.0	5	0.3	7	2	0.07	-1.0	1.0	-7.38	10.00	-0.58
SDOV	San Diego-5555 Overl	8	6.0	5	2.8	7	2	0.47	-0.6	0.6	-3.69	5.00	0.79
PEND	Camp Del MSDCAPCD	8	5.0	4	1.0	7	3	0.19	-0.9	0.9	-3.69	5.00	-0.41
SOLM	La Jolla SDCAPCD	1	2.0	6	6.1	6	0	3.06	2.1	2.1	-29.51	39.98	-99.00
TILM	Tijuana 1 CARB	3	4.0	6	0.5	5	-1	0.12	-0.9	0.9	-9.84	13.33	-0.86
TIPL	Tijuana 2 CARB	6	3.0	8	2.0	1	-7	0.67	-0.8	0.8	-4.92	6.66	-0.19
TITT	Tijuana 3 CARB	2	3.0	0	8.9	0	0	2.96	0.5	1.5	-14.76	19.99	-99.00

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0007	SubRegion	22	10.0	21	13.9	0	-21	1.39	-1.4	4.9	0.11	1.34	-0.23
	Subregional Peak:				22.2	0	-21	2.22	(at cell 34 x 69)				
BKGS	Bakersfield-1138 Gol	8	6.0	22	13.9	0	-22	2.32	1.0	1.8	0.31	3.69	-0.58
BLFC	Bakersfield-5558 Cal	9	10.0	21	10.8	1	-20	1.08	-0.1	1.2	0.27	3.28	-0.28
SHFT	Shafter-548 Walker S	5	7.0	6	0.0	7	1	0.01	-1.0	1.0	0.49	5.91	-0.25

* * * Model Performance Evaluation * * *

Pollutant: NO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 1.0 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0008	SubRegion	38	9.0	6	5.0	3	-3	0.56	-2.8	2.8	-0.88	0.88	0.33
	Subregional Peak:				6.4	3	-3	0.72	(at cell 65 x 48)				
LANC	Lancaster-315 W. Pon	23	9.0	6	0.1	8	2	0.01	-1.0	1.0	-1.46	1.46	-0.28
VICT	Victorville-14029 Am	15	5.0	2	5.0	3	1	1.01	-0.7	0.7	-2.23	2.23	0.75

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

SubRegional Descriptions

SubRegion 001 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
GLWF	Goleta-380 W Fairvie	19	47	241.171	3813.608
LFC1	Capitan-LFC #1 Las F	15	48	221.421	3819.730
LPSH	Lompoc-128 S 'H' St	7	52	183.708	3837.602
SBWC	Santa Barbara-3 W. C	21	47	251.846	3811.467
SLOM	San Luis Obispo-1160	4	67	168.001	3910.379
VBPP	Vandenberg AFB-Sts P	4	51	168.222	3832.590

SubRegion 002 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
ELRO	El Rio-Rio Mesa Scho	31	43	303.549	3791.740
SVAL	Simi Valley-5400 Coc	40	43	345.024	3792.811

SubRegion 003 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
BRBK	Burbank-228 W Palm A	47	41	380.176	3781.205
SCLR	Santa ClarSCAQMD	42	46	358.986	3806.024

SubRegion 004 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
AZSA	Azusa-803 N Loren Av	54	40	415.477	3777.125
POMA	Pomona-924 N. Garey	57	38	430.791	3769.607
RUBI	Rubidoux-5888 Missio	63	37	461.521	3762.040
SANB	San Bernardino-24302	66	39	475.402	3773.081
MBLD	Azusa CARB	59	42	442.827	3788.654

SubRegion 005 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
ANAH	Anahiem-1610 S Harbo	54	33	416.706	3741.999
CMMV	Costa Mesa-2850 Mesa	54	30	415.015	3725.381
ELTR	El Toro-23022 El Tor	58	28	436.612	3719.670
HAWH	Hawthorne-5234 W. 12	45	35	373.661	3753.563
LANM	Los Angeles-1630 N M	48	39	386.188	3770.040
LHAB	La Habra-621 W. Lamb	53	35	412.180	3753.128
LYNW	Lynwood-11220 Long B	48	35	389.069	3753.370
NLGB	Long Beach-3648 N Lo	49	33	390.482	3742.264
PDSW	Pasadena-752 S. Wils	50	39	398.512	3771.747
VALA	W Los Angeles-VA Hos	44	38	366.166	3768.454
PICO	Pico Rivera-3713 San	51	37	403.031	3762.458

SubRegion 006 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
CHVT	Chula Vista-80 E "J"	70	6	495.309	3608.603

ECAJ	El Cajon-1155 Redwoo	72	10	506.243	3627.079
ESCO	Escondido-600 E. Val	69	17	493.780	3664.031
OCEA	Oceanside-1701 Missi	64	19	465.824	3673.327
OTAY	Otay-1100 Paseo Inte	72	5	506.257	3604.909
SDOV	San Diego-5555 Overl	68	11	489.079	3630.779
SD12	San Diego-330A 12th	68	8	485.940	3617.850
TILM	Tijuana 1 CARB	71	4	502.161	3595.415
TIPL	Tijuana 2 CARB	68	4	489.151	3597.222
TITT	Tijuana 3 CARB	71	4	501.409	3598.441

SubRegion 007 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
BKGS	Bakersfield-1138 Gol	34	68	318.335	3917.192
BLFC	Bakersfield-5558 Cal	34	67	315.231	3913.556

SubRegion 008 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
HESP	Hesperia-17288 Olive	65	46	473.963	3808.197
LANC	Lancaster-315 W. Pon	50	52	397.707	3838.298
VICT	Victorville-14029 Am	65	48	470.773	3817.551

SubRegion 009 Contains the Following Sites:

Site	Site Description	Xcell	Ycell	XPos(km)	YPos(km)
CALE	Calexico-Calexico HS	99	8	643.784	3615.183
EC9S	El Centro-150 9th St	98	10	635.792	3628.008
MEXI	Mexicali 1	101	7	650.302	3610.045
MEXT	Mexicali 2	101	5	654.966	3604.664
MEXU	Mexicali 3	100	7	645.747	3611.053
PALM	Palm Springs-Fs 590	79	34	543.172	3745.428
CLXE	Calexico CARB	101	8	650.856	3616.181
MEXA	Mexicali CARB	100	7	647.525	3614.356

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Peak Concentrations					--- Comparisons with Observations ---				
Site	Description	No	Observed Value	Time	Predicted Value	Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0001	SubRegion	22	1.0	7	0.7	22	15	0.68	-0.7	0.7	-0.67	0.67	-99.00
	Subregional Peak:				1.5	7	0	1.52	(at cell 07 x 58)				
GLWF	Goleta-380 W Fairvie	7	1.0	7	0.7	22	15	0.68	-0.6	0.6	-2.10	2.10	-99.00
SBWC	Santa Barbara-3 W. C	3	1.0	11	0.4	17	6	0.36	-0.7	0.7	-4.90	4.90	-99.00
SLOM	San Luis Obispo-1160	12	1.0	7	0.4	7	0	0.45	-0.7	0.7	-1.23	1.23	-99.00

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0002	SubRegion	19	2.0	5	1.7	4	-1	0.85	-0.3	0.5	-0.26	0.47	0.40
	Subregional Peak:				2.0	7	2	0.99	(at cell 37 x 40)				
ELRO	El Rio-Rio Mesa Scho	4	1.0	5	0.5	22	17	0.52	-0.6	0.6	-1.26	2.21	0.40
SVAL	Simi Valley-5400 Coc	15	2.0	5	1.7	4	-1	0.85	-0.2	0.4	-0.34	0.59	0.34

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0003	SubRegion	46	3.0	6	2.6	0	-6	0.86	-0.4	0.7	-0.27	0.50	0.36
	Subregional Peak:				5.5	5	-1	1.83	(at cell 43 x 40)				
BRBK	Burbank-228 W Palm A	23	3.0	6	2.6	0	-6	0.86	0.0	0.4	-0.53	1.00	0.20
SCLR	Santa ClarSCAQMD	23	3.0	6	1.1	23	17	0.38	-0.6	0.6	-0.53	1.00	0.35

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0004	SubRegion	85	4.0	6	3.4	3	-3	0.85	-0.1	0.6	0.00	0.37	0.47
	Subregional Peak:				4.3	4	-2	1.08	(at cell 59 x 38)				
AZSA	Azusa-803 N Loren Av	23	3.0	7	3.4	3	-4	1.14	0.0	0.4	0.00	1.35	0.27
POMA	Pomona-924 N. Garey	23	4.0	6	2.5	5	-1	0.62	0.0	0.3	0.00	1.35	0.51

RUBI	Rubidoux-5888 Missio	17	2.0	5	2.6	5	0	1.28	0.2	0.4	-0.01	1.83	0.44
SANB	San Bernardino-24302	22	2.0	0	2.2	23	23	1.11	-0.2	0.3	0.00	1.41	0.75

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			------- Peak Concentrations --------						--- Comparisons with Observations ---				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0005	SubRegion	177	3.0	6	6.0	5	-1	2.02	0.8	1.0	0.70	0.86	0.39
	Subregional Peak:				8.0	5	-1	2.66	(at cell 47 x 38)				
ANAH	Anahiem-1610 S Harbo	23	2.0	5	4.2	6	1	2.11	0.8	0.9	5.39	6.59	0.46
ELTR	El Toro-23022 El Tor	19	1.0	5	2.1	5	0	2.15	0.3	0.5	6.53	7.97	-99.00
HAWH	Hawthorne-5234 W. 12	6	2.0	6	4.2	7	1	2.09	0.8	1.2	20.66	25.25	0.51
LANM	Los Angeles-1630 N M	23	3.0	6	6.0	5	-1	2.02	0.9	0.9	5.39	6.59	0.61
LHAB	La Habra-621 W. Lamb	23	2.0	5	3.3	6	1	1.66	0.6	0.8	5.39	6.59	0.03
LYNW	Lynwood-11220 Long B	20	2.0	5	4.4	7	2	2.19	0.2	0.6	6.20	7.57	0.39
NLGB	Long Beach-3648 N Lo	18	2.0	7	5.9	7	0	2.93	0.7	1.0	6.89	8.42	0.51
PDSW	Pasadena-752 S. Wils	18	2.0	6	3.5	22	16	1.73	1.3	1.4	6.89	8.42	-0.30
VALA	W Los Angeles-VA Hos	4	1.0	6	4.7	6	0	4.75	2.4	2.4	31.00	37.87	-99.00
PICO	Pico Rivera-3713 San	23	3.0	5	3.6	23	18	1.21	0.4	0.6	5.39	6.59	0.52

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			------- Peak Concentrations --------						--- Comparisons with Observations ---				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0006	SubRegion	187	4.0	7	4.8	23	16	1.19	0.1	0.5	0.11	0.44	0.39
	Subregional Peak:				8.3	23	16	2.07	(at cell 72 x 04)				
CHVT	Chula Vista-80 E "J"	22	2.0	6	2.2	0	-6	1.10	0.3	0.5	0.93	3.77	0.26
ECAJ	El Cajon-1155 Redwoo	18	2.0	7	2.2	7	0	1.09	0.3	0.4	1.13	4.61	0.48
ESCO	Escondido-600 E. Val	24	2.0	5	2.3	6	1	1.14	0.1	0.4	0.85	3.46	0.55
OCEA	Oceanside-1701 Missi	10	1.0	4	2.7	7	3	2.66	0.2	0.6	2.04	8.30	-99.00
OTAY	Otay-1100 Paseo Inte	23	3.0	6	1.7	23	17	0.57	-0.1	0.3	0.88	3.61	0.05
SDOV	San Diego-5555 Overl	19	2.0	6	2.3	7	1	1.17	0.1	0.3	1.07	4.37	0.46
SD12	San Diego-330A 12th	22	1.0	0	1.8	7	7	1.81	-0.1	0.3	0.93	3.77	-99.00
TILM	Tijuana 1 CARB	20	4.0	7	4.6	23	16	1.14	0.0	0.6	1.02	4.15	0.40
TIPL	Tijuana 2 CARB	9	1.0	6	1.3	23	17	1.28	-0.4	0.5	2.26	9.22	0.40
TITT	Tijuana 3 CARB	20	2.0	6	4.8	23	17	2.38	0.6	0.8	1.02	4.15	0.25

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0007	SubRegion	23	2.0	21	2.3	7	-14	1.14	0.0	0.5	0.01	0.40	-0.30
	Subregional Peak:				2.6	7	-14	1.32	(at cell 33 x 67)				
BKGS	Bakersfield-1138 Gol	15	2.0	21	2.3	7	-14	1.14	0.0	0.4	0.02	0.61	-0.34
BLFC	Bakersfield-5558 Cal	8	1.0	0	1.9	7	7	1.90	0.1	0.4	0.04	1.15	-0.34

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0008	SubRegion	36	2.0	21	0.9	0	-21	0.47	-0.7	0.7	-0.60	0.60	0.25
	Subregional Peak:				1.4	2	-19	0.71	(at cell 65 x 49)				
HESP	Hesperia-17288 Olive	23	2.0	21	0.9	0	-21	0.47	-0.5	0.5	-0.95	0.95	0.39
LANC	Lancaster-315 W. Pon	13	2.0	0	0.4	0	0	0.19	-0.7	0.7	-1.68	1.68	0.60

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 216 (08/04) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0009	SubRegion	69	90.0	16	3.4	2	-14	0.04	-2.0	2.3	-0.17	0.45	-0.07
	Subregional Peak:				4.8	3	-13	0.05	(at cell 100 x 07)				
CALE	Calexico-Calexico HS	10	3.0	20	3.2	3	-17	1.06	0.4	0.7	-1.14	3.12	-0.20
MEXI	Mexicali 1	9	3.0	19	3.2	21	2	1.07	-0.1	0.3	-1.27	3.47	0.77

MEXT	Mexicali 2	13	6.0	21	2.0	22	1	0.34	-0.5	0.5	-0.88	2.40	0.85
MEXU	Mexicali 3	9	90.0	16	3.0	21	5	0.03	-0.1	0.6	-1.27	3.47	-0.59
CLXE	Calexico CARB	6	5.0	21	1.6	21	0	0.33	-0.4	0.4	-1.90	5.21	0.82
MEXA	Mexicali CARB	22	4.0	20	3.4	2	-18	0.84	-0.2	0.3	-0.52	1.42	0.70

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0001	SubRegion	54	2.0	6	0.9	7	1	0.44	-0.7	0.7	-0.64	0.64	0.59
	Subregional Peak:				2.0	14	8	0.98	(at cell 14 x 62)				
GLWF	Goleta-380 W Fairvie	23	1.0	0	0.6	0	0	0.55	-0.6	0.6	-1.51	1.51	-99.00
LPSH	Lompoc-128 S 'H' St	5	1.0	5	0.4	8	3	0.38	-0.7	0.7	-6.96	6.96	-99.00
SBWC	Santa Barbara-3 W. C	14	2.0	6	0.9	7	1	0.44	-0.5	0.5	-2.48	2.48	0.72
SLOM	San Luis Obispo-1160	12	1.0	0	0.3	16	16	0.27	-0.8	0.8	-2.90	2.90	-99.00

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0002	SubRegion	25	3.0	6	1.7	4	-2	0.57	-0.6	0.7	-0.44	0.61	0.28
	Subregional Peak:				1.9	4	-2	0.62	(at cell 40 x 43)				
ELRO	El Rio-Rio Mesa Scho	13	1.0	6	0.5	7	1	0.47	-0.6	0.6	-0.85	1.18	0.28
SVAL	Simi Valley-5400 Coc	12	3.0	6	1.7	4	-2	0.57	-0.2	0.6	-0.92	1.28	0.09

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

Site	Description	No	Observed Value	Observed Time	Predicted Value	Predicted Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0003	SubRegion	35	4.0	6	1.4	6	0	0.35	-1.3	1.3	-0.62	0.62	0.45
	Subregional Peak:				4.2	5	-1	1.06	(at cell 43 x 40)				
BRBK	Burbank-228 W Palm A	23	4.0	6	1.4	6	0	0.35	-0.6	0.6	-0.95	0.95	0.36
SCLR	Santa ClarSCAQMD	12	3.0	5	1.0	0	-5	0.33	-0.6	0.6	-1.82	1.82	0.16

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

------- Peak Concentrations -------- --- Comparisons with Observations ---

Site	Description	No	Observed Value	Observed Time	Predicted Value	Predicted Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0004	SubRegion	79	4.0	6	2.3	5	-1	0.58	-0.9	0.9	-0.45	0.50	0.30
	Subregional Peak:				4.3	4	-2	1.07	(at cell 65 x 38)				
AZSA	Azusa-803 N Loren Av	23	3.0	5	1.1	0	-5	0.38	-0.6	0.6	-1.55	1.73	0.01
POMA	Pomona-924 N. Garey	23	4.0	6	1.1	6	0	0.27	-0.6	0.6	-1.55	1.73	0.49
RUBI	Rubidoux-5888 Missio	9	3.0	5	2.3	5	0	0.77	-0.2	0.3	-3.95	4.41	0.72
SANB	San Bernardino-24302	23	2.0	0	2.2	0	0	1.12	-0.3	0.4	-1.55	1.73	0.78
MBLD	Azusa CARB	1	1.0	10	0.2	10	0	0.22	-0.8	0.8	-35.57	39.70	-99.00

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

------- Peak Concentrations -------- --- Comparisons with Observations ---

Site	Description	No	Observed Value	Observed Time	Predicted Value	Predicted Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0005	SubRegion	200	4.0	5	4.5	2	-3	1.13	0.3	0.9	0.37	0.62	0.22
	Subregional Peak:				5.5	6	1	1.38	(at cell 50 x 34)				
ANAH	Anahiem-1610 S Harbo	21	3.0	7	4.2	5	-2	1.40	1.1	1.1	3.57	5.91	0.19
CMMV	Costa Mesa-2850 Mesa	12	1.0	5	2.9	6	1	2.93	1.0	1.0	6.25	10.35	-99.00
ELTR	El Toro-23022 El Tor	8	2.0	5	1.8	0	-5	0.92	0.1	0.3	9.37	15.52	0.21
HAWH	Hawthorne-5234 W. 12	9	3.0	6	3.7	6	0	1.24	0.6	0.6	8.33	13.79	0.66
LANM	Los Angeles-1630 N M	23	4.0	5	3.2	0	-5	0.81	0.0	0.3	3.26	5.40	0.34
LHAB	La Habra-621 W. Lamb	23	3.0	5	2.7	5	0	0.89	0.0	0.3	3.26	5.40	0.41
LYNW	Lynwood-11220 Long B	22	3.0	7	4.5	6	-1	1.50	0.3	0.7	3.41	5.64	0.05
NLGB	Long Beach-3648 N Lo	19	3.0	9	4.1	6	-3	1.36	0.7	0.8	3.95	6.53	0.38
PDSW	Pasadena-752 S. Wils	23	3.0	11	3.1	0	-11	1.04	0.2	0.6	3.26	5.40	-0.20

VALA	W Los Angeles-VA Hos	17	3.0	7	3.4	7	0	1.15	0.1	0.4	4.41	7.30	0.60
PICO	Pico Rivera-3713 San	23	4.0	7	4.5	2	-5	1.13	0.4	0.7	3.26	5.40	0.11

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0006	SubRegion	183	5.0	7	5.8	0	-7	1.16	0.2	0.7	0.18	0.52	0.47
	Subregional Peak:				11.2	1	-6	2.25	(at cell 72 x 04)				
CHVT	Chula Vista-80 E "J"	20	2.0	6	2.5	6	0	1.25	0.4	0.6	1.67	4.78	0.27
ECAJ	El Cajon-1155 Redwoo	18	2.0	5	1.3	0	-5	0.65	-0.1	0.2	1.86	5.31	0.48
ESCO	Escondido-600 E. Val	18	2.0	5	1.5	7	2	0.75	-0.1	0.2	1.86	5.31	0.49
OCEA	Oceanside-1701 Missi	11	1.0	5	2.3	7	2	2.35	0.2	0.6	3.04	8.69	-99.00
OTAY	Otay-1100 Paseo Inte	23	3.0	7	1.9	0	-7	0.63	-0.2	0.4	1.45	4.16	0.07
SDOV	San Diego-5555 Overl	21	2.0	7	2.8	21	14	1.40	0.3	0.6	1.59	4.55	0.18
SD12	San Diego-330A 12th	20	2.0	6	3.2	22	16	1.62	0.1	0.5	1.67	4.78	0.61
TILM	Tijuana 1 CARB	19	5.0	7	5.6	1	-6	1.12	0.2	0.5	1.76	5.03	0.47
TIPL	Tijuana 2 CARB	13	2.0	7	2.2	23	16	1.10	-0.1	0.5	2.57	7.35	0.24
TITT	Tijuana 3 CARB	20	3.0	22	5.8	0	-22	1.93	1.0	1.0	1.67	4.78	0.45

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0007	SubRegion	25	2.0	22	1.9	7	-15	0.93	-0.3	0.5	-0.25	0.51	-0.12
	Subregional Peak:				2.3	6	-16	1.15	(at cell 33 x 67)				
BKGS	Bakersfield-1138 Gol	15	2.0	22	1.9	7	-15	0.93	-0.3	0.5	-0.41	0.85	-0.14
BLFC	Bakersfield-5558 Cal	10	1.0	0	1.7	6	6	1.74	-0.2	0.5	-0.62	1.27	-0.14

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0008	SubRegion	55	17.0	7	0.8	0	-7	0.05	-1.9	1.9	-0.72	0.72	0.21
	Subregional Peak:				1.1	0	-7	0.06	(at cell 67 x 44)				
HESP	Hesperia-17288 Olive	23	1.0	0	0.8	0	0	0.79	-0.6	0.6	-1.72	1.72	-99.00
LANC	Lancaster-315 W. Pon	11	2.0	5	0.5	6	1	0.24	-0.7	0.7	-3.59	3.59	0.73
VICT	Victorville-14029 Am	21	17.0	7	0.8	1	-6	0.05	-0.9	0.9	-1.88	1.88	0.38

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 217 (08/05) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0009	SubRegion	53	4.0	19	4.0	21	2	1.01	-0.5	0.8	-0.27	0.59	0.30
	Subregional Peak:				6.1	22	3	1.53	(at cell 100 x 07)				
CALE	Calexico-Calexico HS	7	3.0	20	2.3	21	1	0.77	-0.2	0.6	-2.01	4.47	0.21
EC9S	El Centro-150 9th St	3	2.0	21	0.5	21	0	0.26	-0.7	0.7	-4.69	10.44	0.99
MEXI	Mexicali 1	10	4.0	19	3.2	21	2	0.79	0.0	0.6	-1.41	3.13	0.29
MEXT	Mexicali 2	18	4.0	19	1.1	20	1	0.28	-0.5	0.5	-0.78	1.74	0.53
CLXE	Calexico CARB	4	1.0	6	1.6	20	14	1.64	-0.2	0.5	-3.52	7.83	-99.00
MEXA	Mexicali CARB	11	4.0	19	4.0	21	2	1.01	-0.1	0.8	-1.28	2.85	0.28

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		

Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0001	SubRegion	33	1.0	0	0.5	1	1	0.48	-0.7	0.7	-0.75	0.75	-99.00
	Subregional Peak:				1.5	17	17	1.49	(at cell 12 x 64)				
GLWF	Goleta-380 W Fairvie	11	1.0	0	0.5	1	1	0.48	-0.7	0.7	-2.25	2.25	-99.00
LFC1	Capitan-LFC #1 Las F	1	1.0	11	0.3	11	0	0.27	-0.7	0.7	-24.72	24.72	-99.00
LPSH	Lompoc-128 S 'H' St	1	1.0	8	0.3	8	0	0.27	-0.7	0.7	-24.72	24.72	-99.00
SBWC	Santa Barbara-3 W. C	4	1.0	7	0.3	7	0	0.30	-0.7	0.7	-6.18	6.18	-99.00
SLOM	San Luis Obispo-1160	16	1.0	6	0.2	7	1	0.23	-0.8	0.8	-1.55	1.55	-99.00

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0002	SubRegion	35	2.0	5	0.9	23	18	0.46	-0.6	0.6	-0.57	0.57	0.08
	Subregional Peak:				2.5	14	9	1.23	(at cell 37 x 48)				
ELRO	El Rio-Rio Mesa Scho	13	1.0	4	0.4	7	3	0.42	-0.6	0.6	-1.55	1.55	0.08
SVAL	Simi Valley-5400 Coc	22	2.0	5	0.9	23	18	0.46	-0.5	0.5	-0.91	0.91	-0.01

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0003	SubRegion	41	2.0	0	1.1	22	22	0.54	-0.7	0.8	-0.47	0.48	-0.20
	Subregional Peak:				2.3	0	0	1.13	(at cell 43 x 39)				
BRBK	Burbank-228 W Palm A	23	2.0	0	1.1	22	22	0.54	-0.5	0.5	-0.84	0.86	-0.67
SCLR	Santa ClarSCAQMD	18	2.0	5	0.9	23	18	0.45	-0.5	0.5	-1.08	1.10	-0.42

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0004	SubRegion	75	4.0	6	1.5	0	-6	0.36	-0.8	0.8	-0.48	0.48	0.50
	Subregional Peak:				2.9	7	1	0.72	(at cell 54 x 38)				
AZSA	Azusa-803 N Loren Av	20	4.0	6	1.3	7	1	0.32	-0.4	0.4	-1.79	1.79	0.76
POMA	Pomona-924 N. Garey	23	4.0	6	1.4	7	1	0.34	-0.5	0.5	-1.55	1.56	0.55
RUBI	Rubidoux-5888 Missio	9	3.0	6	0.5	23	17	0.18	-0.7	0.7	-3.97	3.99	0.19
SANB	San Bernardino-24302	23	2.0	0	1.5	0	0	0.73	-0.5	0.5	-1.55	1.56	0.62

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0005	SubRegion	189	3.0	5	3.9	6	1	1.30	0.0	0.5	0.02	0.46	0.40
	Subregional Peak:				5.1	0	-5	1.69	(at cell 54 x 30)				
ANAH	Anahiem-1610 S Harbo	23	2.0	5	3.9	6	1	1.95	0.3	0.8	0.16	3.77	0.53
CMMV	Costa Mesa-2850 Mesa	5	1.0	5	3.2	5	0	3.25	1.1	1.2	0.73	17.36	-99.00
ELTR	El Toro-23022 El Tor	4	1.0	9	1.4	10	1	1.38	-0.1	0.5	0.91	21.69	-99.00
HAWH	Hawthorne-5234 W. 12	17	3.0	5	2.1	7	2	0.69	0.1	0.3	0.22	5.10	0.52
LANM	Los Angeles-1630 N M	21	3.0	6	2.2	0	-6	0.72	0.0	0.3	0.17	4.13	0.15
LHAB	La Habra-621 W. Lamb	23	2.0	3	3.2	7	4	1.61	0.1	0.6	0.16	3.77	0.71
LYNW	Lynwood-11220 Long B	19	2.0	5	2.3	7	2	1.14	-0.2	0.3	0.19	4.57	0.94
NLGB	Long Beach-3648 N Lo	15	2.0	5	2.3	7	2	1.15	-0.2	0.5	0.24	5.79	0.73
PDSW	Pasadena-752 S. Wils	23	3.0	6	1.7	0	-6	0.57	-0.2	0.3	0.16	3.77	0.16
VALA	W Los Angeles-VA Hos	16	2.0	0	2.1	0	0	1.07	0.0	0.2	0.23	5.42	0.71
PICO	Pico Rivera-3713 San	23	2.0	5	2.8	0	-5	1.41	0.0	0.5	0.16	3.77	0.34

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0006	SubRegion	153	3.0	5	4.5	2	-3	1.50	-0.2	0.7	-0.20	0.61	0.18
	Subregional Peak:				6.9	3	-2	2.31	(at cell 70 x 04)				
CHVT	Chula Vista-80 E "J"	9	1.0	4	2.7	6	2	2.67	0.3	0.9	-3.32	10.41	-99.00
ECAJ	El Cajon-1155 Redwoo	12	1.0	0	0.7	10	10	0.66	-0.5	0.5	-2.49	7.80	-99.00
ESCO	Escondido-600 E. Val	23	3.0	5	0.8	23	18	0.28	-0.4	0.4	-1.30	4.07	0.40
OCEA	Oceanside-1701 Missi	10	1.0	0	1.5	0	0	1.52	0.0	0.4	-2.98	9.36	-99.00
OTAY	Otay-1100 Paseo Inte	16	2.0	0	1.7	6	6	0.85	-0.4	0.5	-1.87	5.85	0.51
SDOV	San Diego-5555 Overl	22	2.0	6	1.8	0	-6	0.91	-0.1	0.4	-1.36	4.26	0.27
SD12	San Diego-330A 12th	7	1.0	4	2.1	5	1	2.13	0.3	0.8	-4.26	13.38	-99.00
TILM	Tijuana 1 CARB	18	3.0	6	4.5	2	-4	1.50	0.0	0.9	-1.66	5.20	0.15
TIPL	Tijuana 2 CARB	15	1.0	0	2.3	0	0	2.34	-0.5	0.8	-1.99	6.24	0.15
TITT	Tijuana 3 CARB	21	2.0	0	3.9	1	1	1.97	-0.1	0.7	-1.42	4.46	0.33

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

			Peak Concentrations						Comparisons with Observations				
			Observed		Predicted		Time	Peak	Mean	Mean	Normalized		
Site	Description	No	Value	Time	Value	Time	Lag	Ratio	Bias	Error	Bias	Error	(r)
0007	SubRegion	32	2.0	5	1.3	7	2	0.66	-0.8	0.8	-0.54	0.56	-0.32
	Subregional Peak:				1.5	7	2	0.76	(at cell 33 x 67)				
BKGS	Bakersfield-1138 Gol	21	2.0	5	1.3	7	2	0.66	-0.5	0.5	-0.82	0.85	-0.39
BLFC	Bakersfield-5558 Cal	11	2.0	6	1.1	7	1	0.55	-0.6	0.6	-1.56	1.63	-0.20

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

Peak Concentrations --- Comparisons with Observations

Site	Description	No	Observed Value	Observed Time	Predicted Value	Predicted Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0008	SubRegion	60	8.0	7	0.8	20	13	0.10	-2.1	2.1	-0.73	0.73	0.24
	Subregional Peak:				1.2	19	12	0.15	(at cell 45 x 53)				
HESP	Hesperia-17288 Olive	22	1.0	0	0.7	20	20	0.74	-0.6	0.6	-2.00	2.00	-99.00
LANC	Lancaster-315 W. Pon	17	3.0	6	0.6	20	14	0.21	-0.7	0.7	-2.58	2.58	0.14
VICT	Victorville-14029 Am	21	8.0	7	0.8	20	13	0.10	-0.9	0.9	-2.09	2.09	0.49

* * * Model Performance Evaluation * * *

Pollutant: CO (pphm) Project: UAM6.21 Base Case (97df) Simulation ID: 97df

Statistics were calculated for the 24-hour period of DOY 218 (08/06) 1997
Included were data-pairs with observed concentrations above a threshold of 0.2 (pphm)

------- Peak Concentrations -------- --- Comparisons with Observations ---

Site	Description	No	Observed Value	Observed Time	Predicted Value	Predicted Time	Time Lag	Peak Ratio	Mean Bias	Mean Error	Normalized Bias	Normalized Error	(r)
0009	SubRegion	62	1.0	5	0.8	23	18	0.78	-0.6	0.6	-0.65	0.65	-99.00
	Subregional Peak:				1.1	0	-5	1.08	(at cell 93 x 13)				
CALE	Calexico-Calexico HS	19	1.0	5	0.6	23	18	0.56	-0.6	0.6	-2.12	2.12	-99.00
MEXI	Mexicali 1	8	1.0	6	0.4	7	1	0.39	-0.7	0.7	-5.02	5.02	-99.00
MEXT	Mexicali 2	16	1.0	1	0.2	8	7	0.25	-0.8	0.8	-2.51	2.51	-99.00
MEXA	Mexicali CARB	19	1.0	5	0.8	23	18	0.78	-0.6	0.6	-2.12	2.12	-99.00

Graphical Analyses

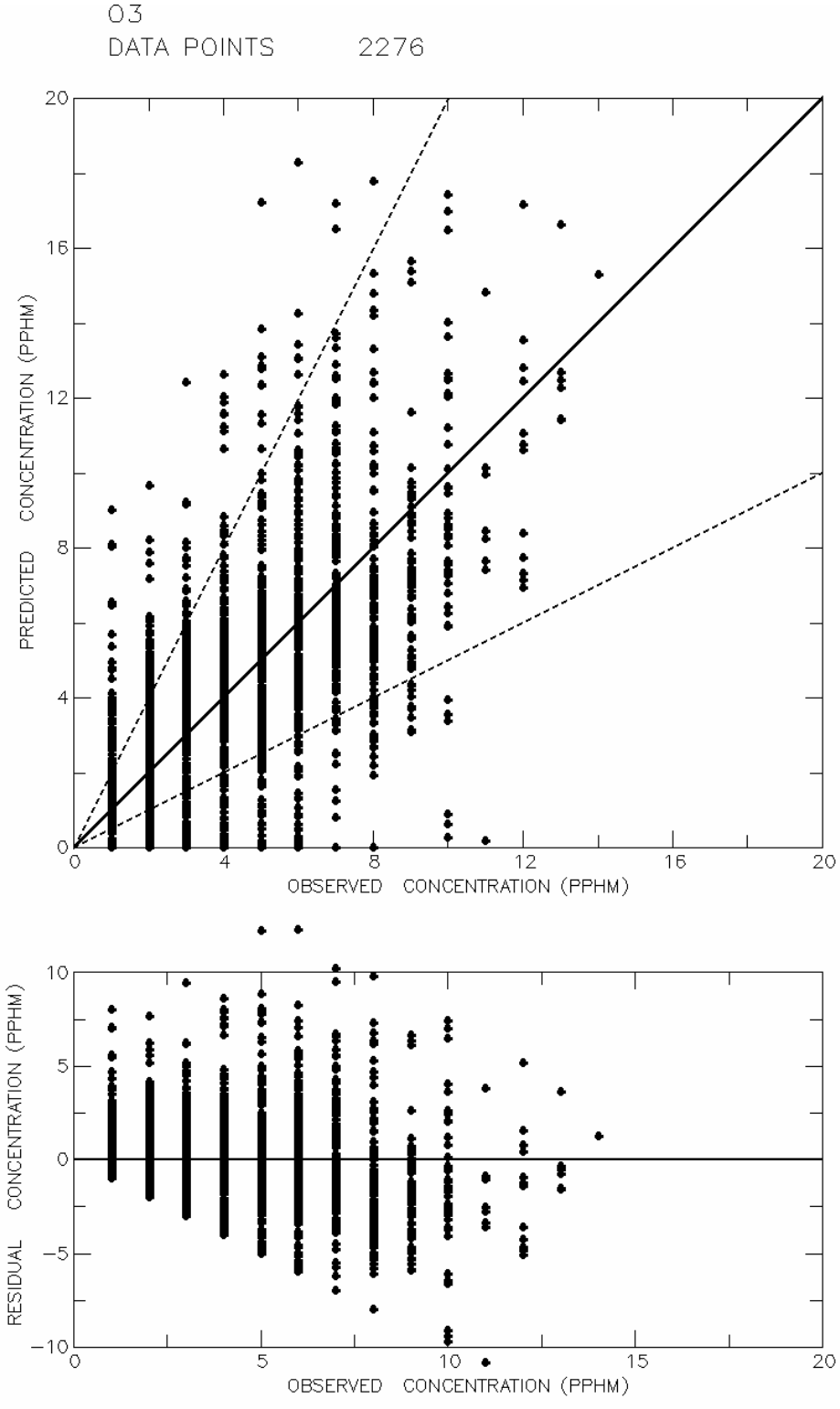


Figure A-1

Distribution of predicted and residual (P-O) concentrations as a function of observed concentrations of O3 for August 4, 1997

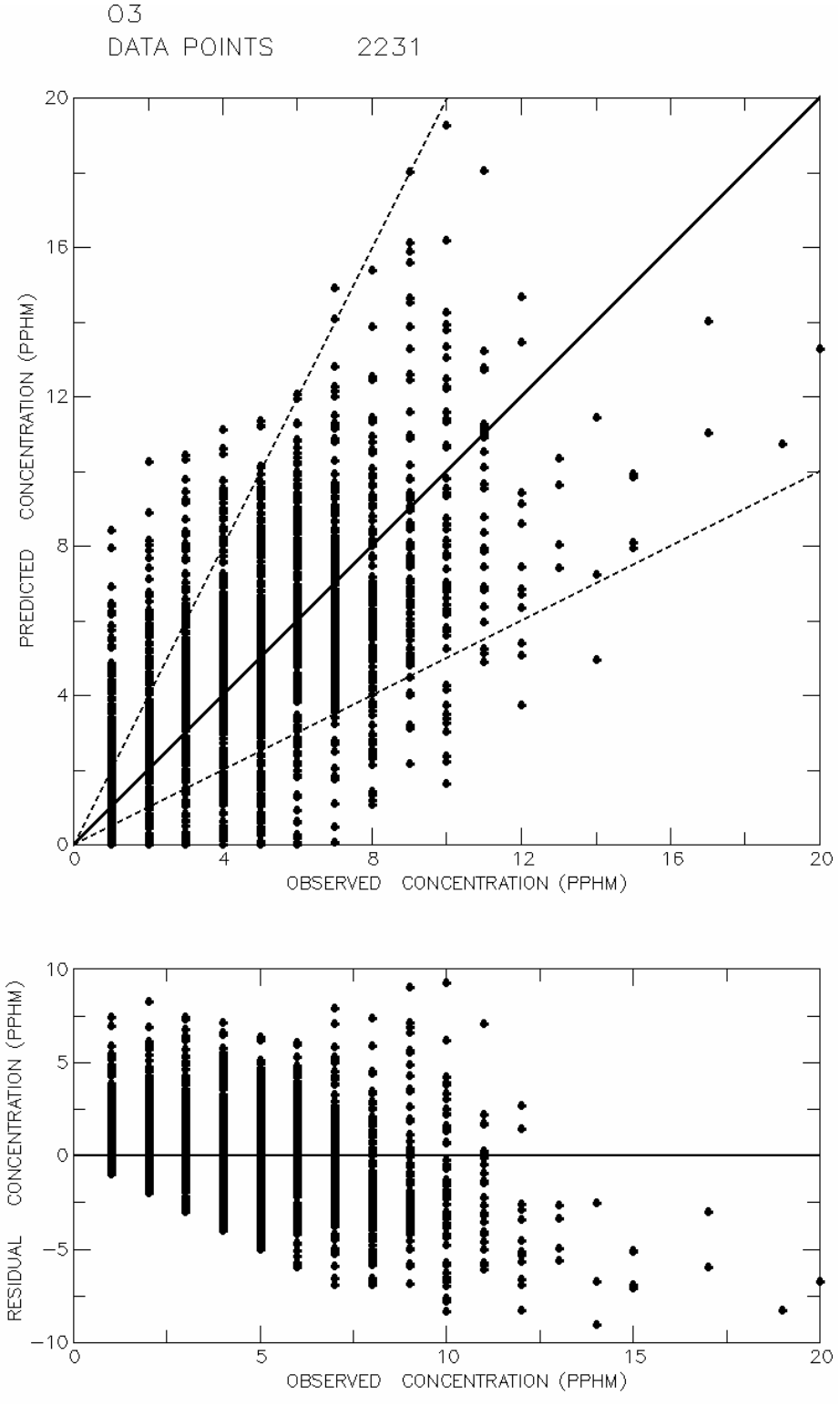


Figure A-2

Distribution of predicted and residual (P-O) concentrations as a function of observed concentrations of O3 for August 5, 1997

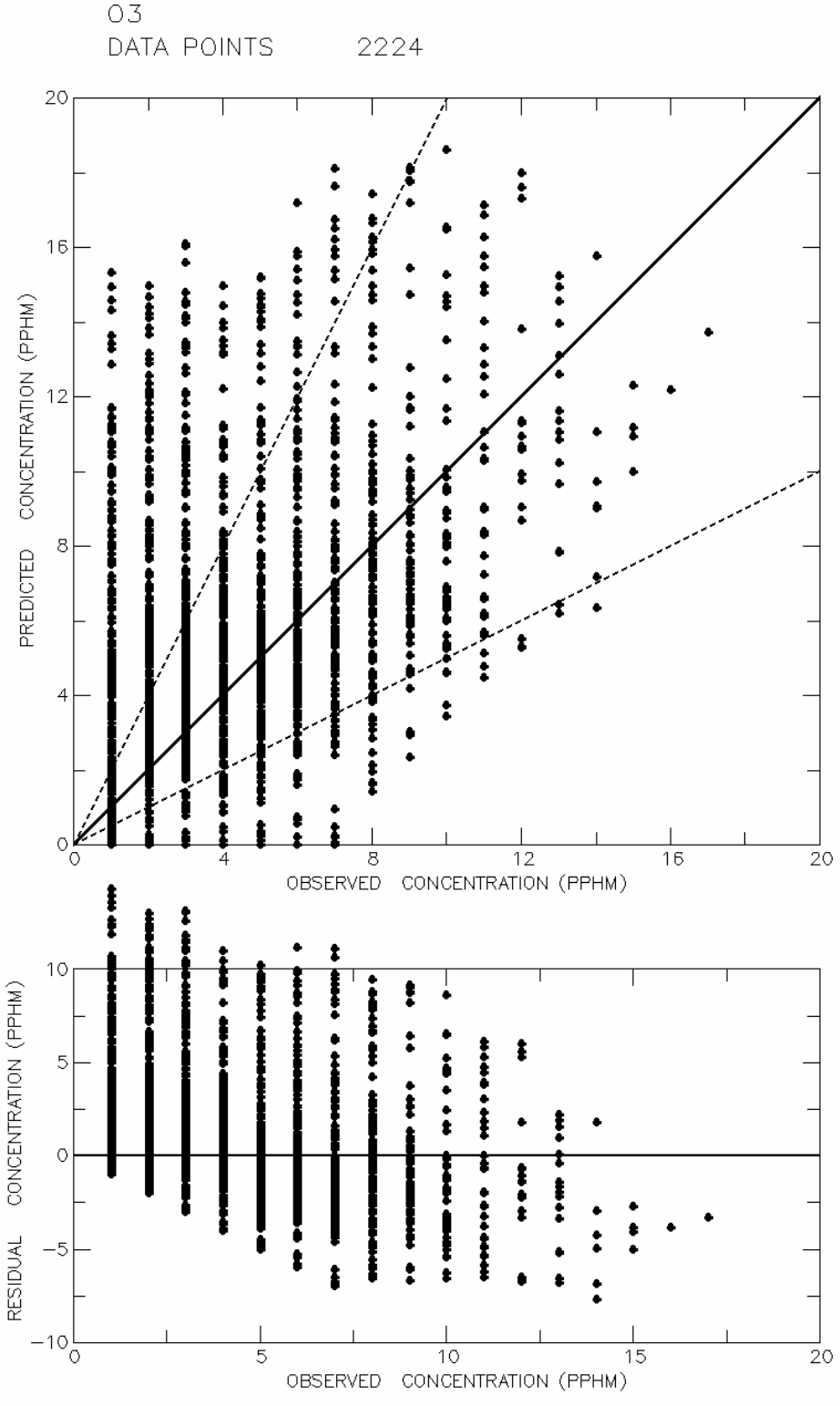


Figure A-3

Distribution of predicted and residual (P-O) concentrations as a function of observed concentrations of O3 for August 6, 1997

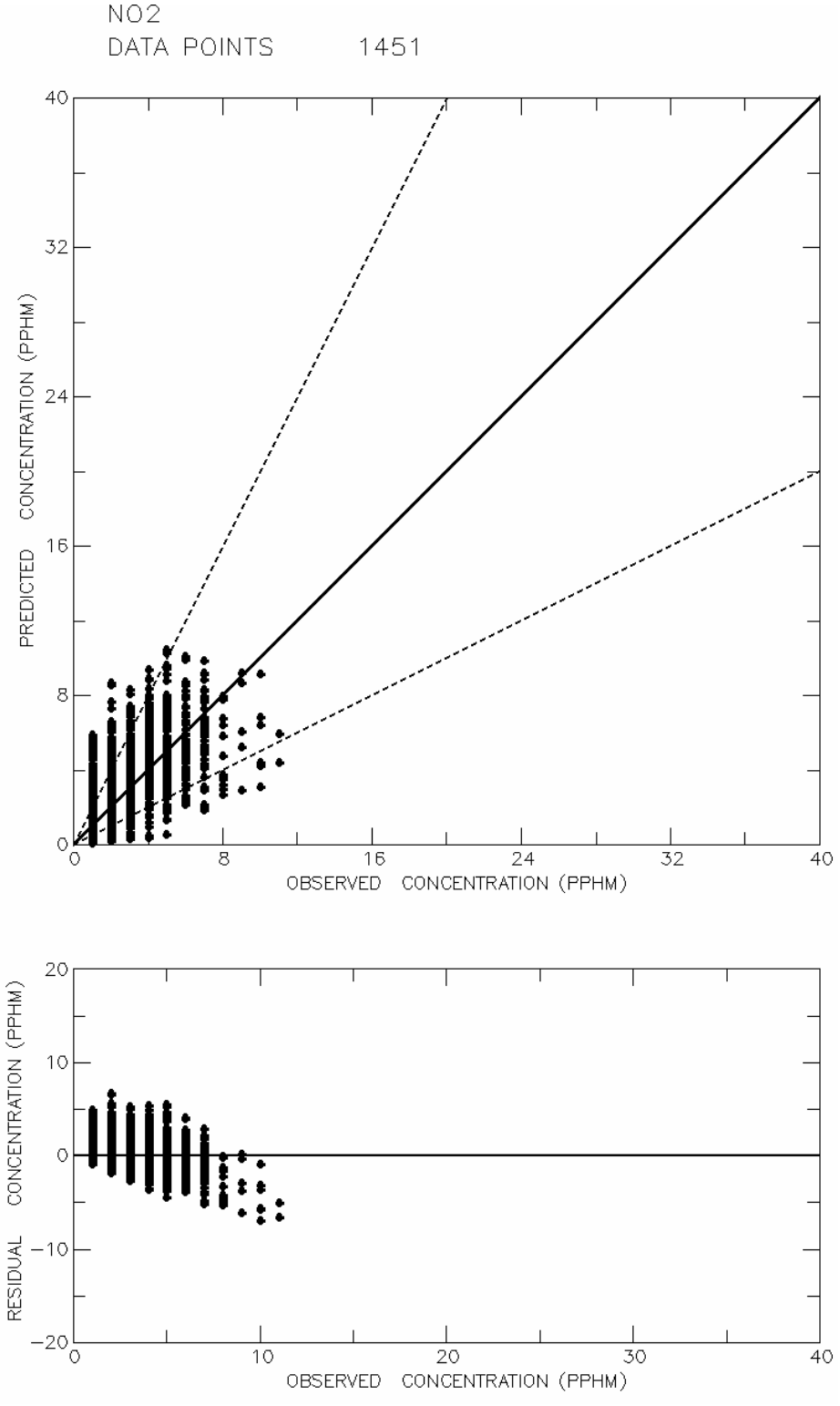


Figure A-4

Distribution of predicted and residual (P-O) concentrations as a function of observed concentrations of NO_2 for August 4, 1997

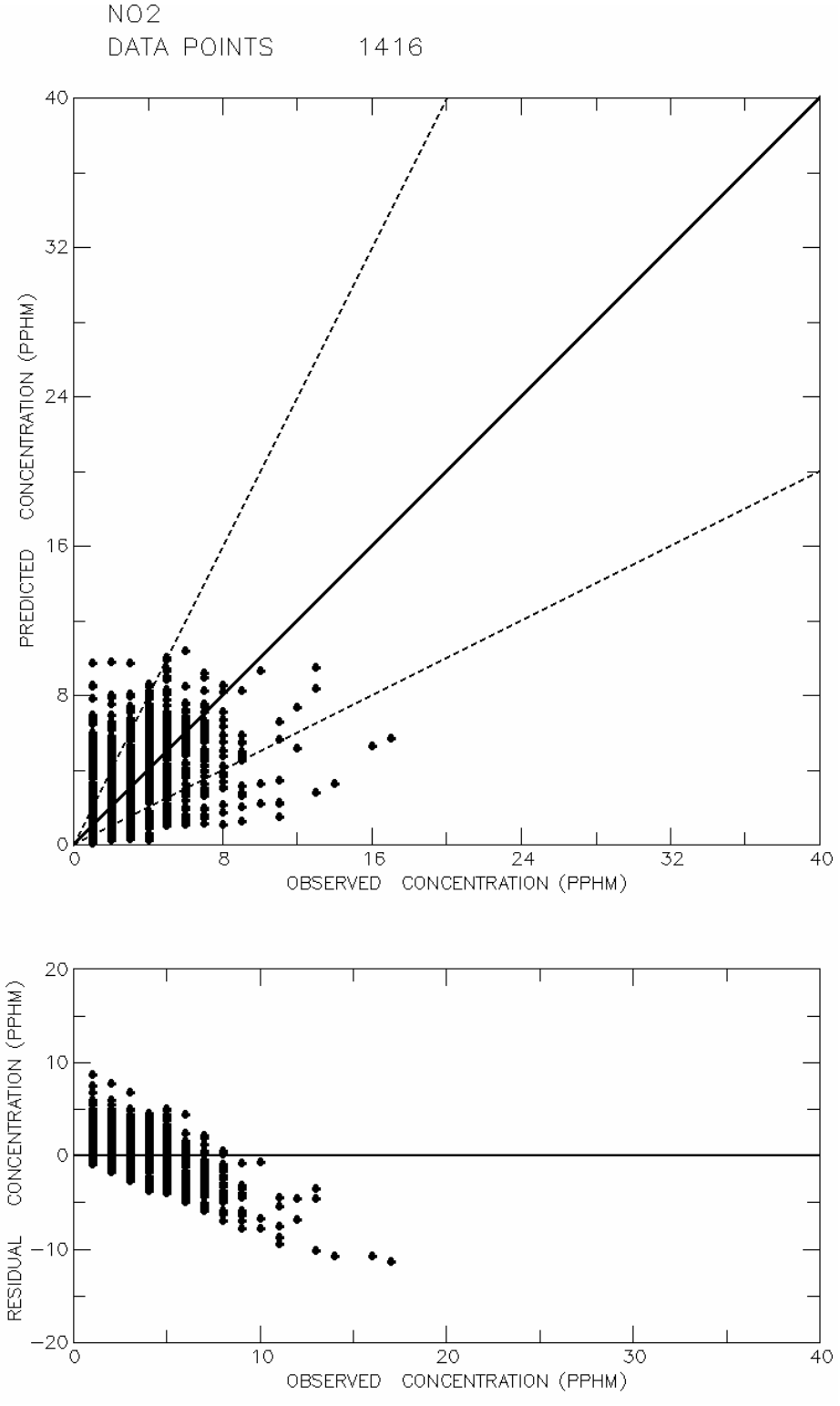


Figure A-5
Distribution of Predicted and Residual (P-O) Concentrations as a Function of Observed Concentrations of NO_2 for August 5, 1997

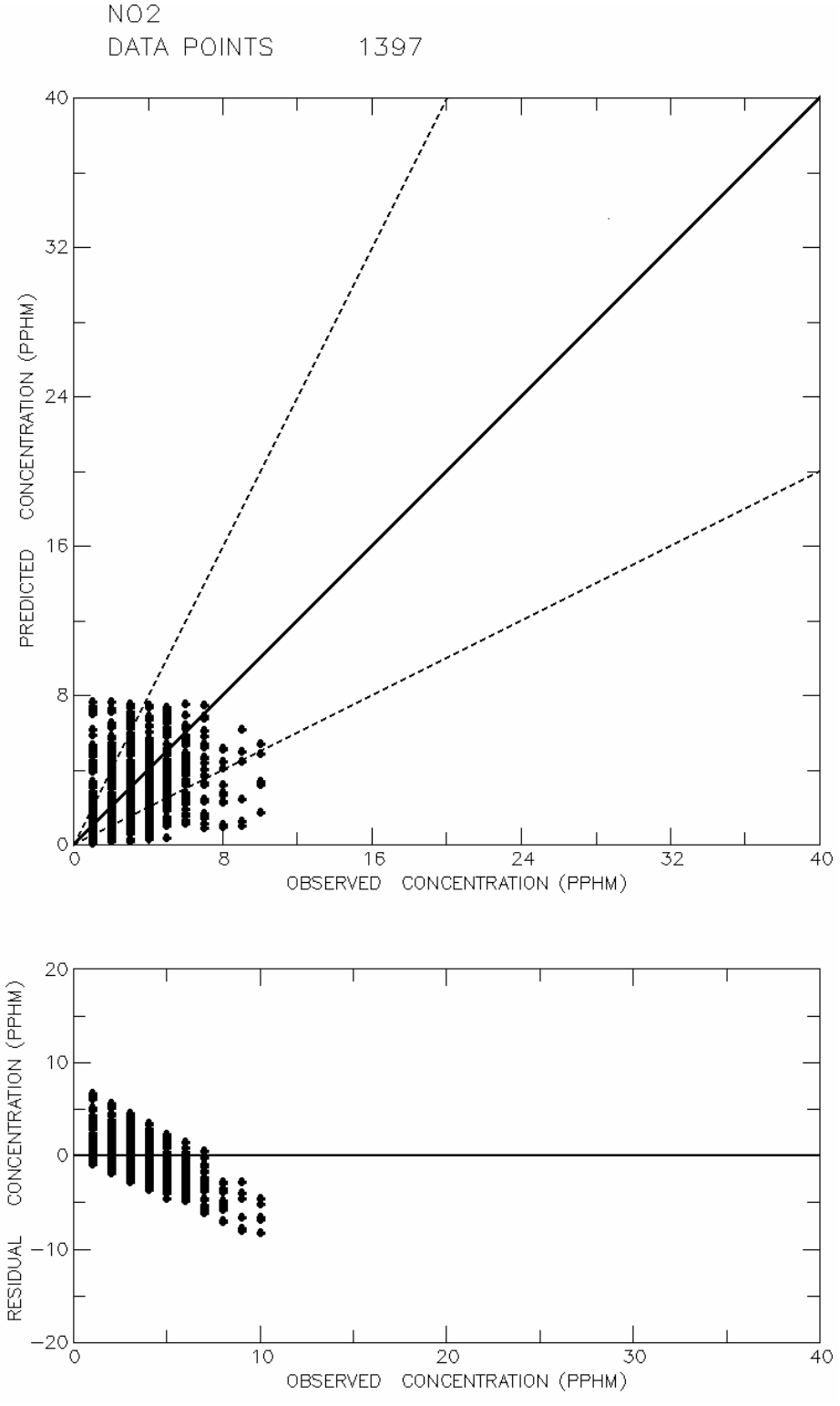


Figure A-6

Distribution of predicted and residual (P-O) concentrations as a function of observed concentrations of NO_2 for August 6, 1997

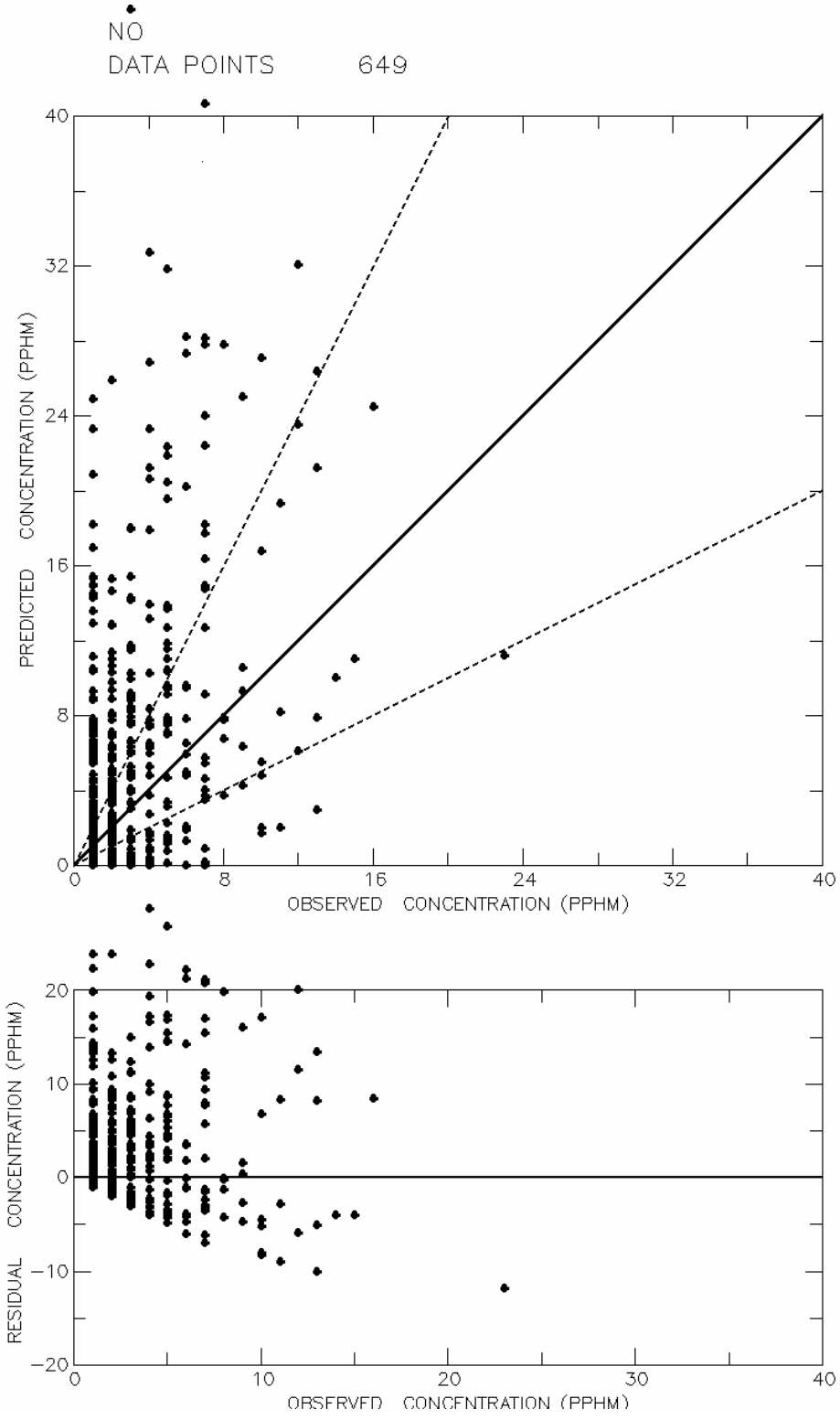


Figure A-7

Distribution of predicted and residual (P-O) concentrations as a function of observed concentrations of NO for August 4, 1997

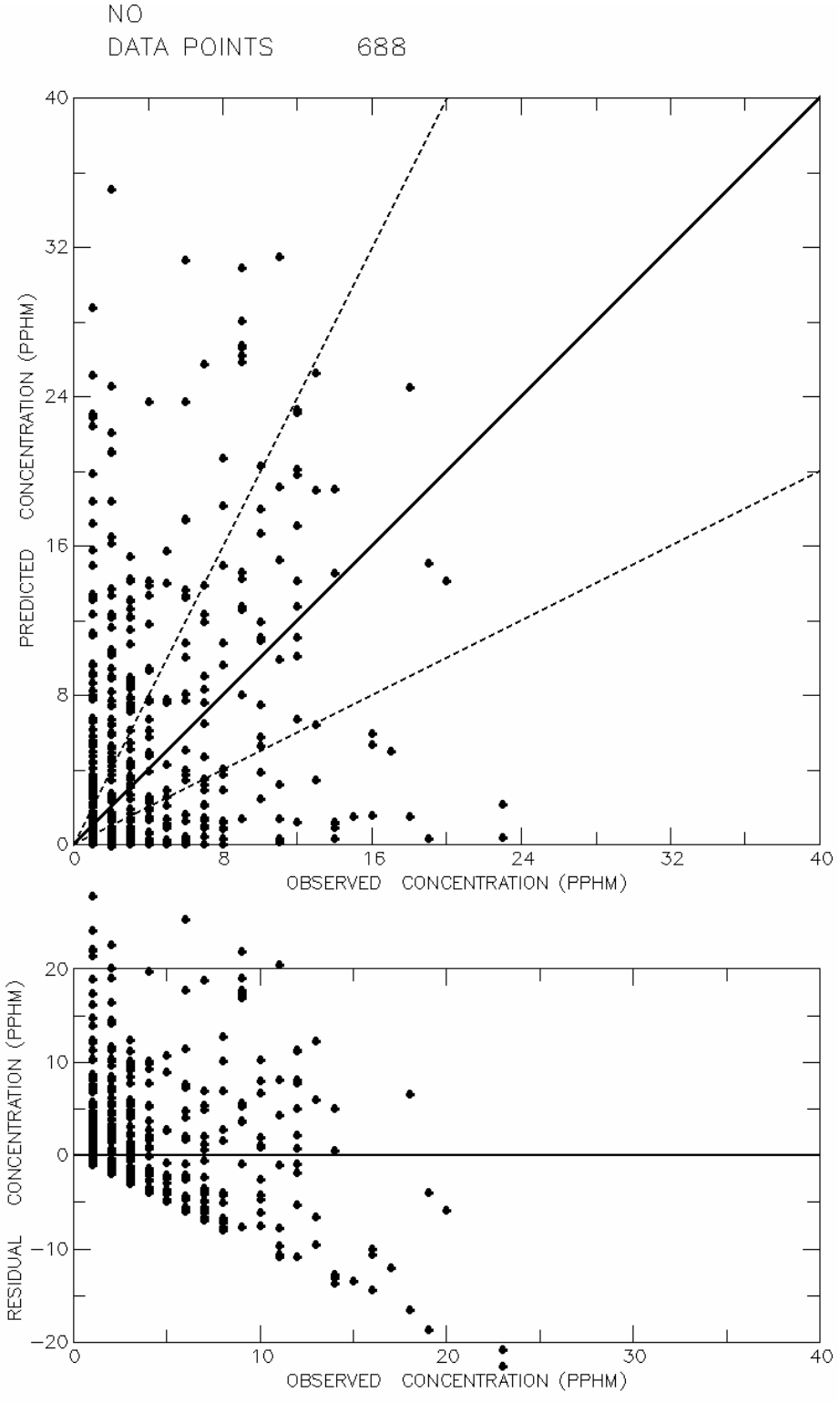


Figure A-8

Distribution of predicted and residual (P-O) concentrations as a function of observed concentrations of NO for August 5, 1997

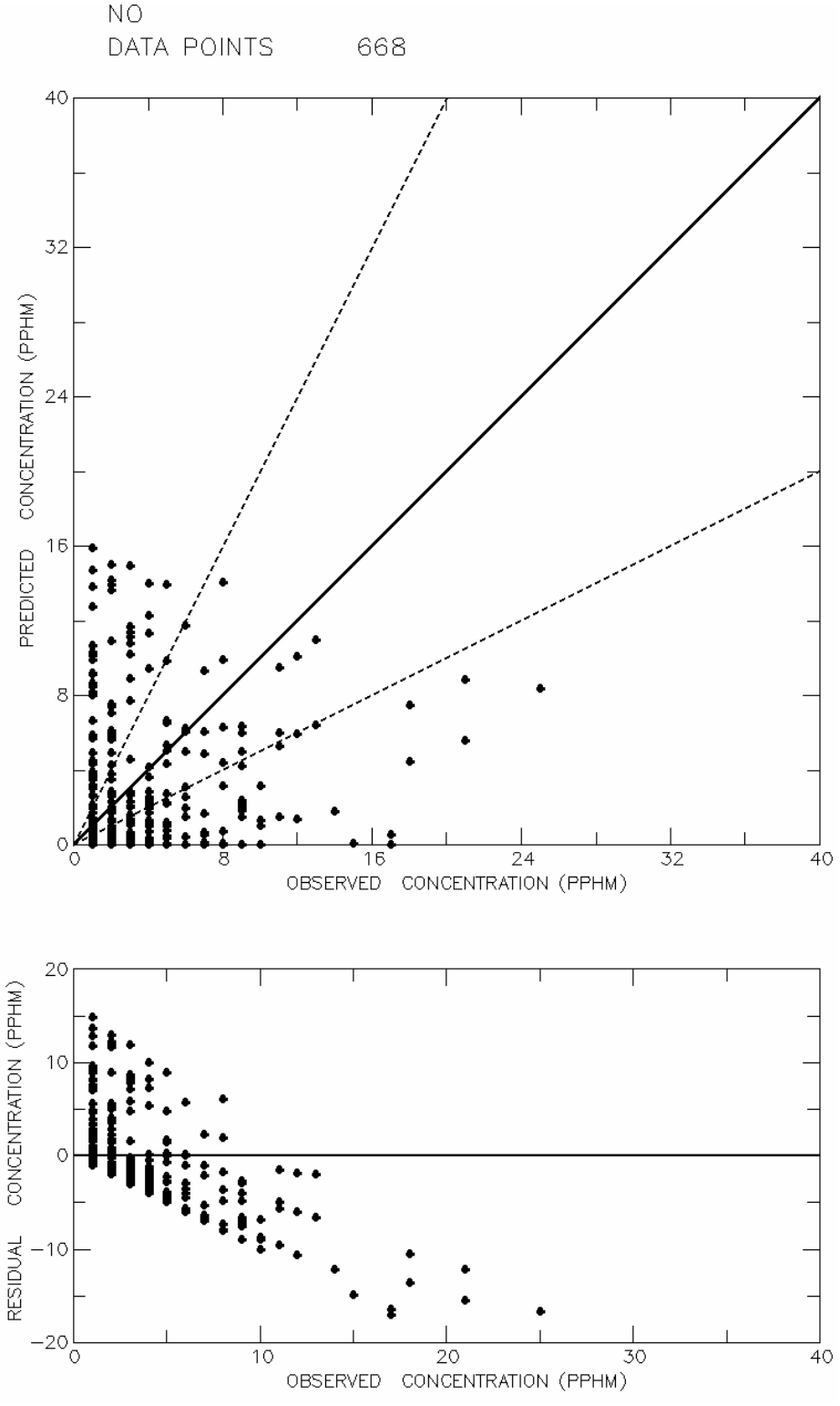


Figure A-9

Distribution of predicted and residual (P-O) concentrations as a function of observed concentrations of NO for August 6, 1997

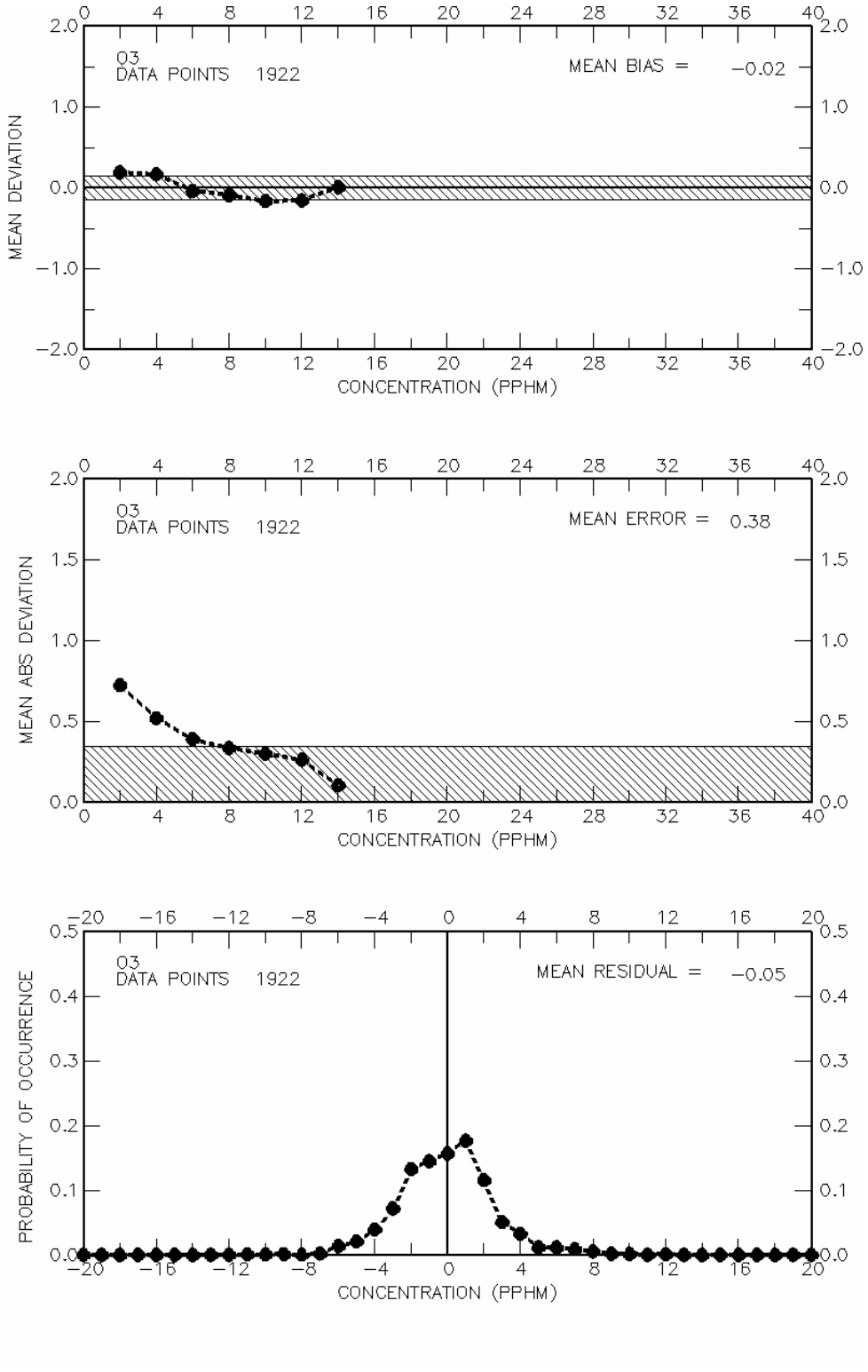


Figure A-10

O3 prediction bias, error and residual stratified by concentration for August 4, 1997. The shaded area represents the overall performance goals.

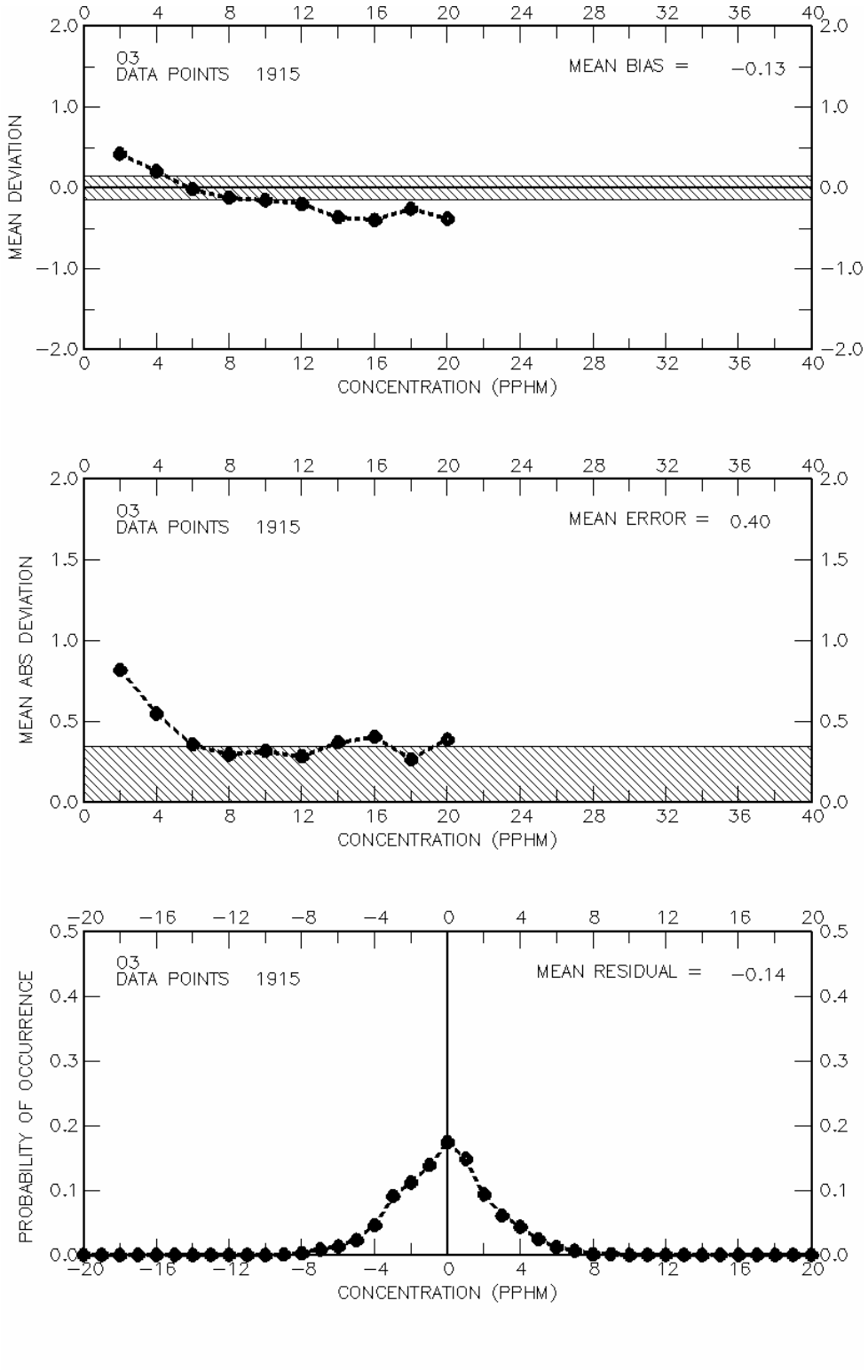


Figure A-11

O3 prediction bias, error and residual stratified by concentration for August 5, 1997. The shaded area represents the overall performance goals.

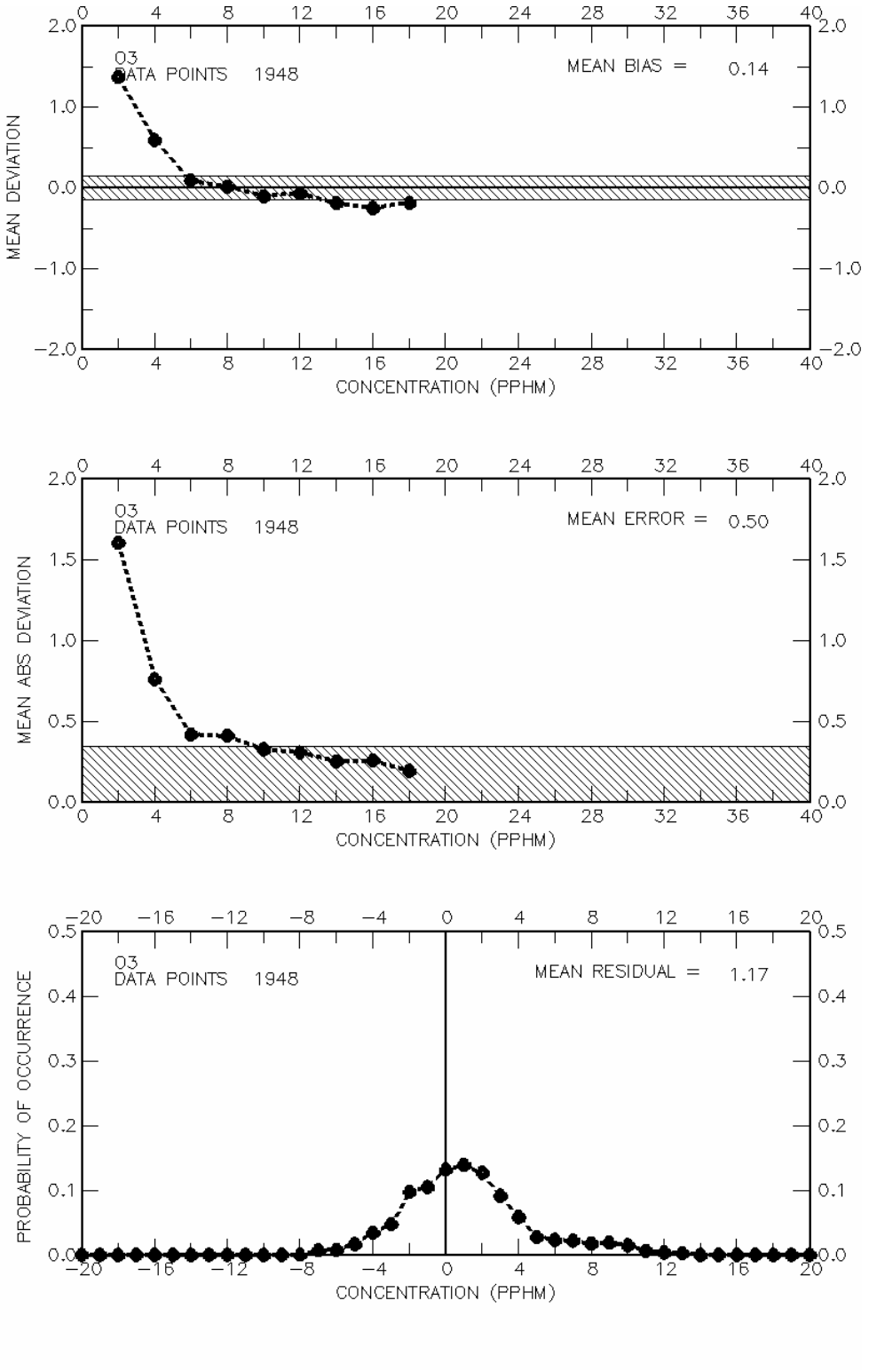


Figure A-12

O3 prediction bias, error and residual stratified by concentration for August 6, 1997. The shaded area represents the overall performance goals.

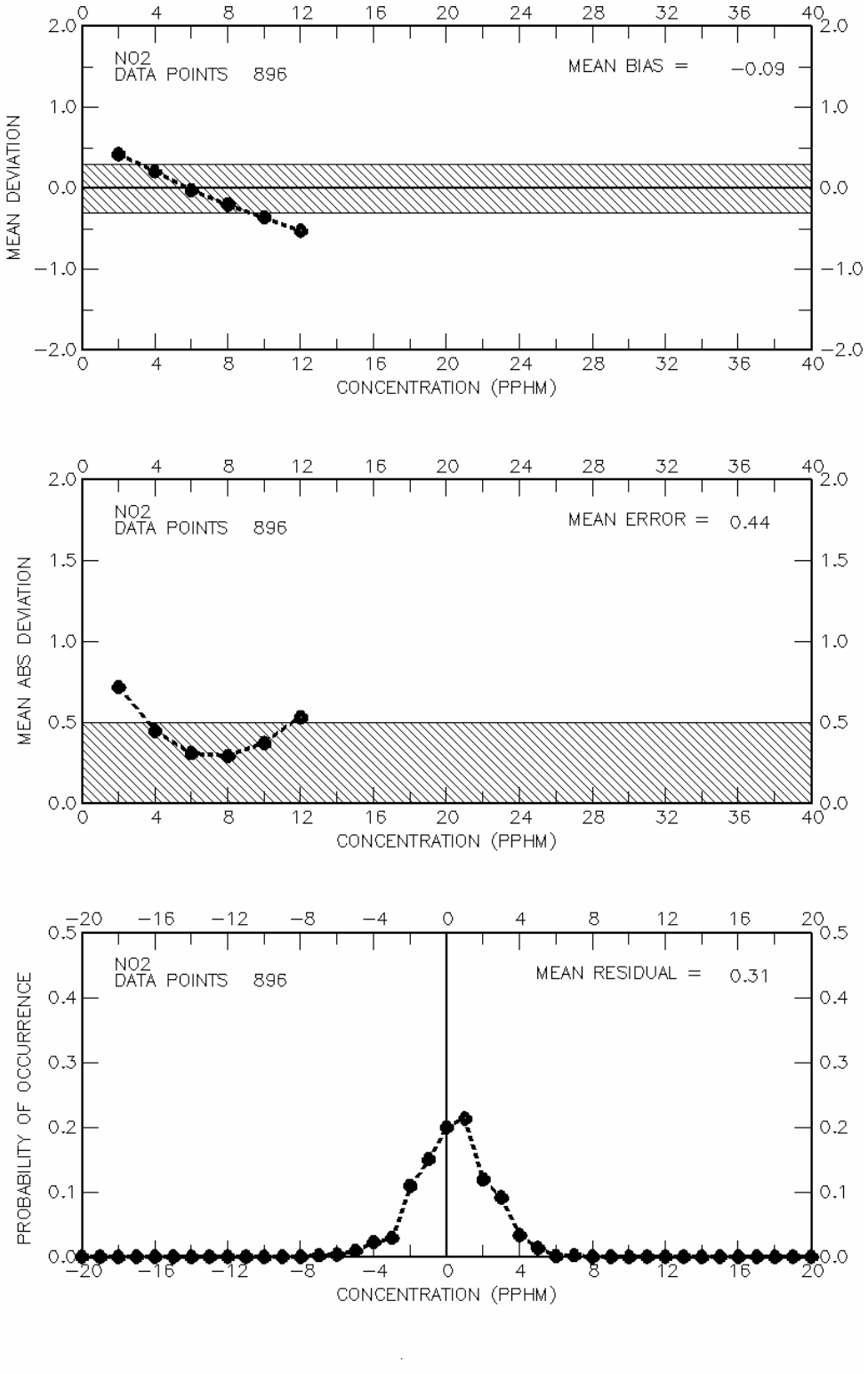


Figure A-13

NO_2 prediction bias, error and residual stratified by concentration for August 4, 1997. The shaded area represents the overall performance goals.

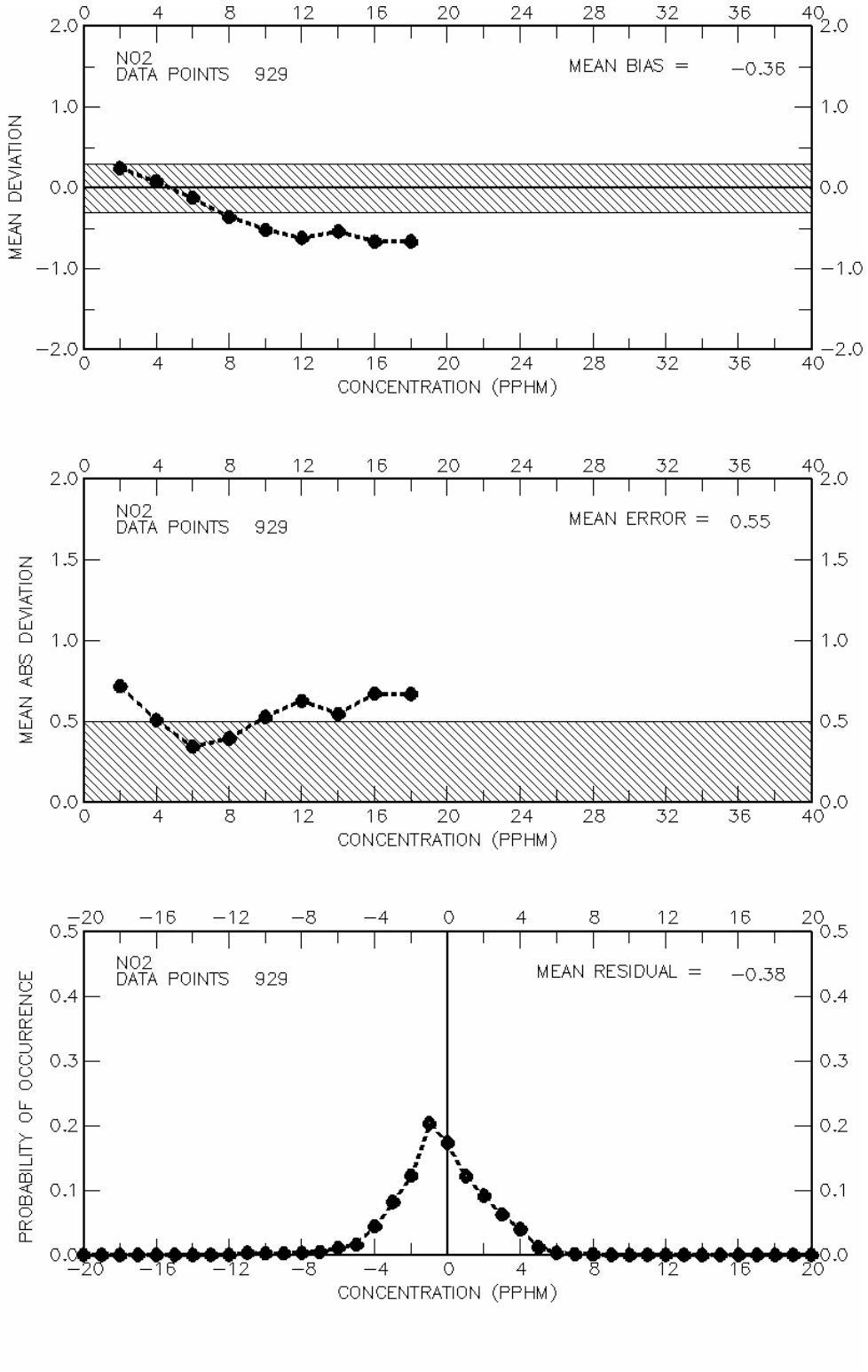


Figure A-14

NO_2 prediction bias, error and residual stratified by concentration for August 5, 1997. The shaded area represents the overall performance goals.

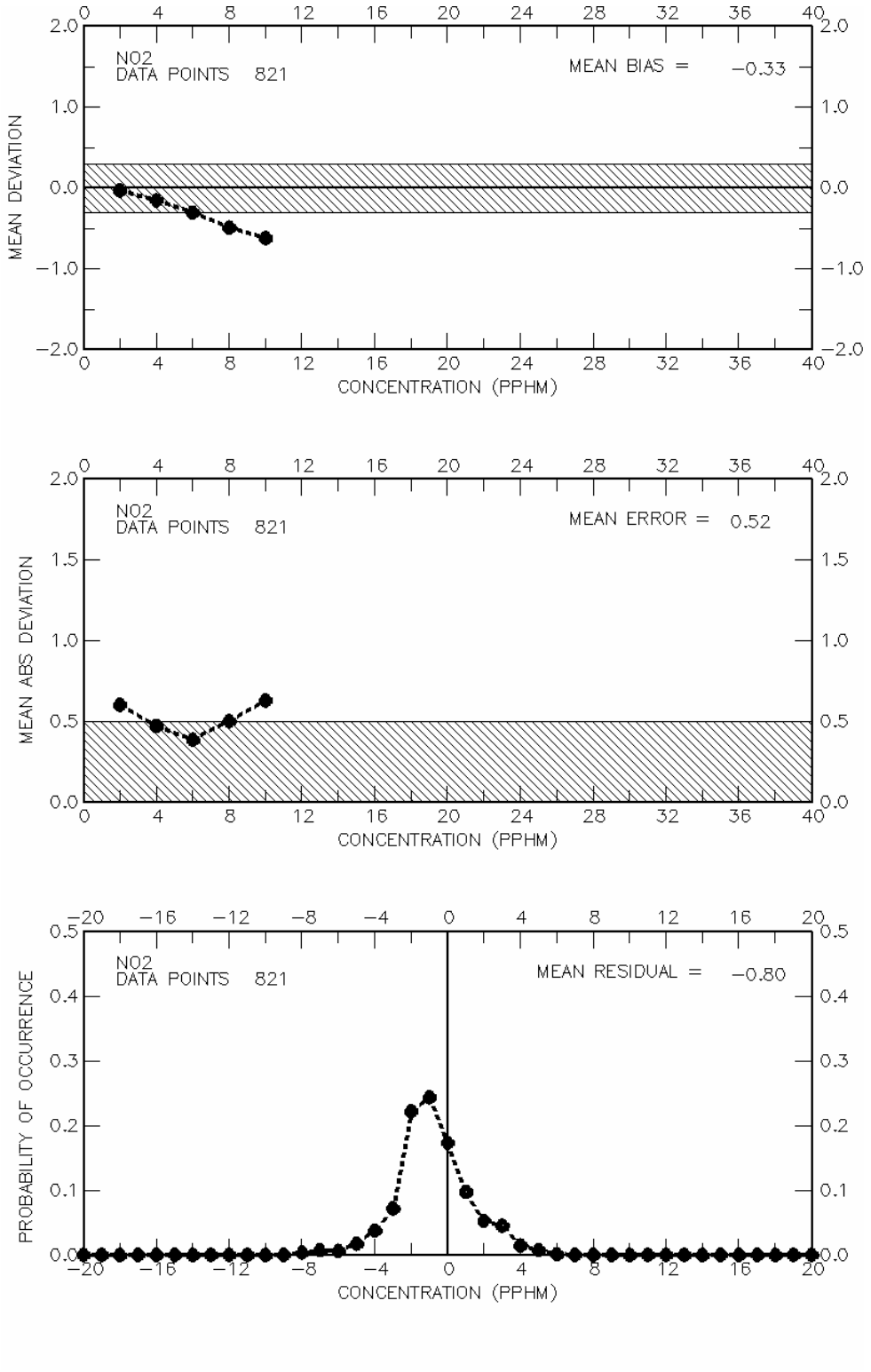


Figure A-15

NO_2 prediction bias, error and residual stratified by concentration for August 6, 1997. The shaded area represents the overall performance goals.

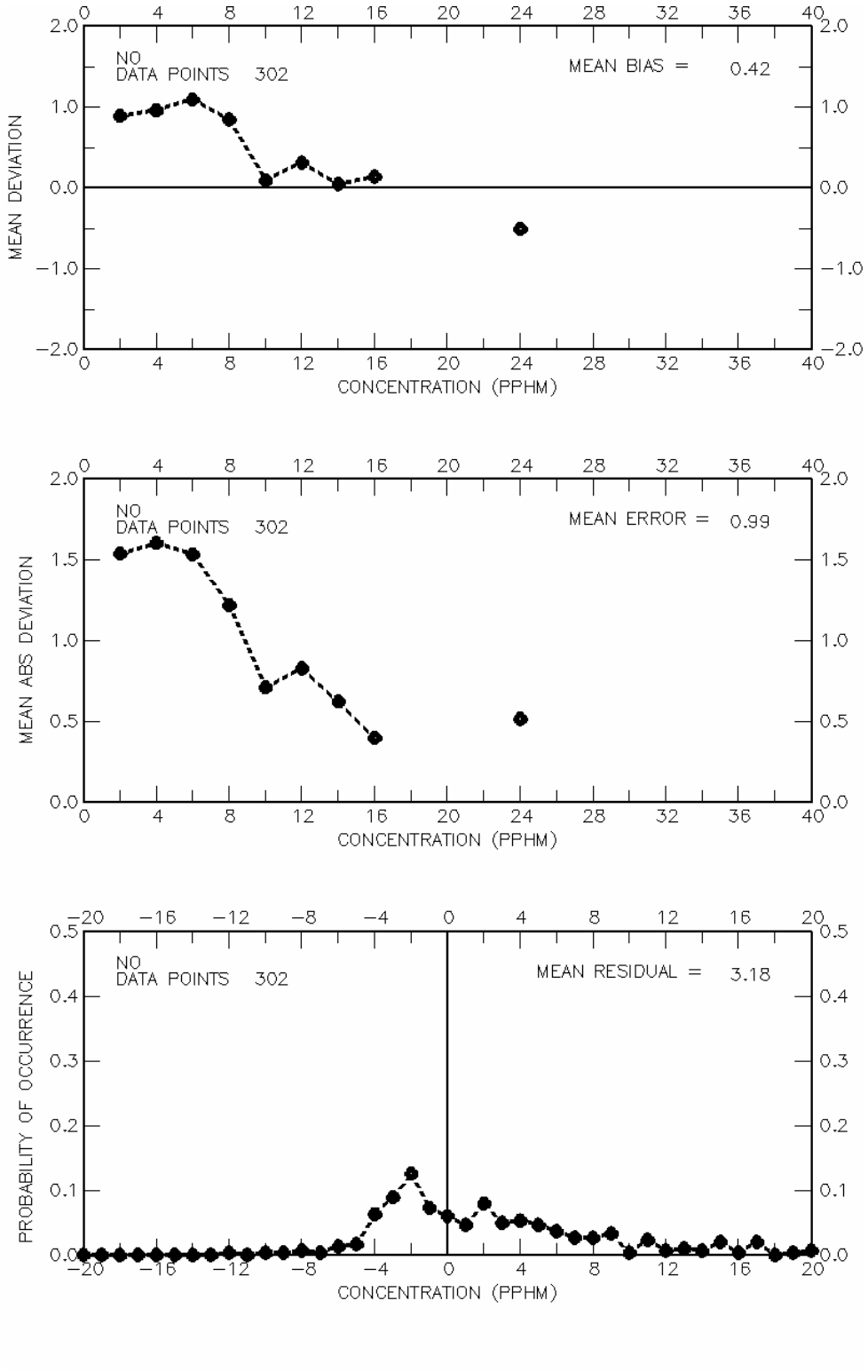


Figure A-16

NO prediction bias, error and residual stratified by concentration for August 4, 1997. The shaded area represents the overall performance goals.

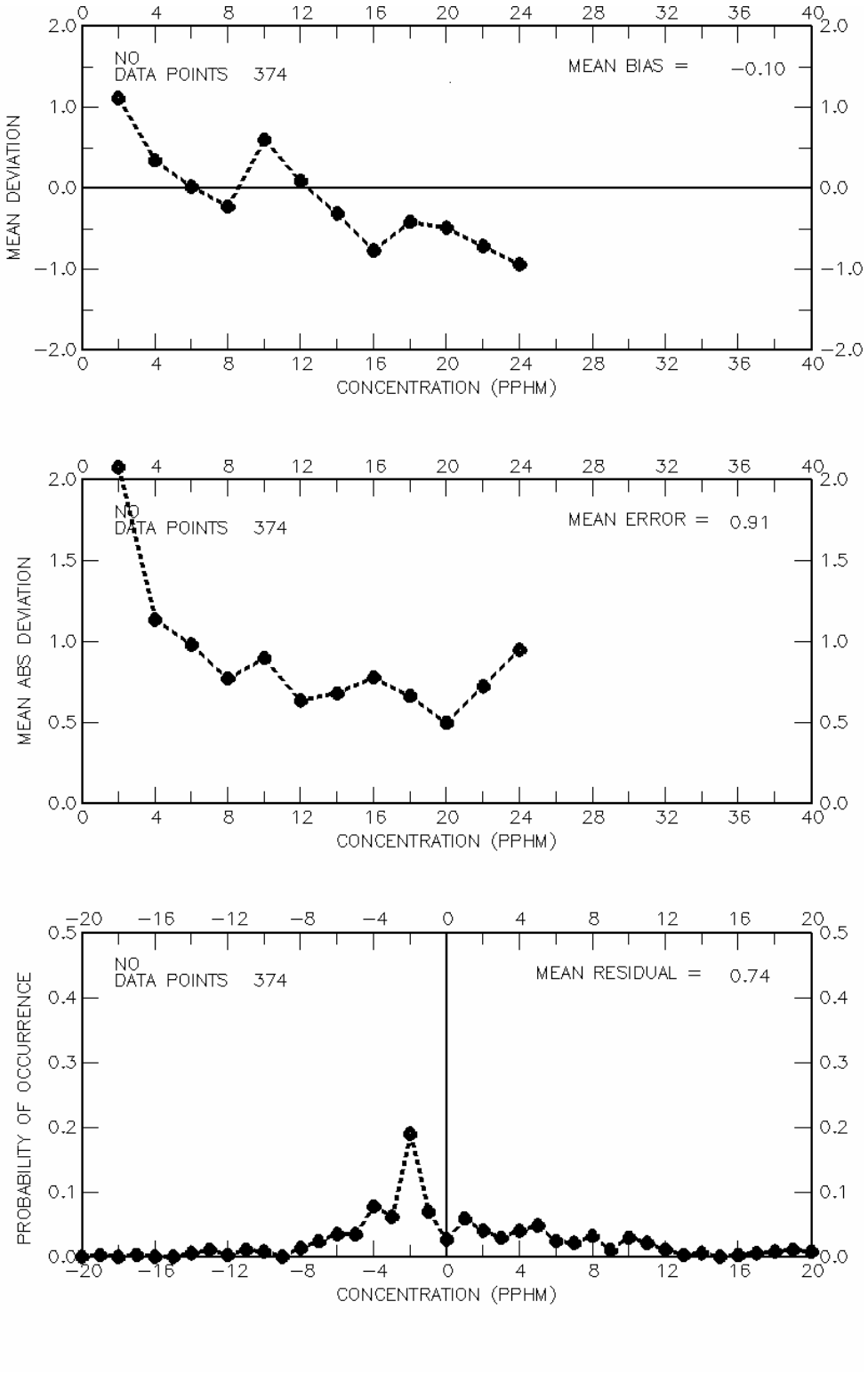


Figure A-17

NO prediction bias, error and residual stratified by concentration for August 5, 1997. The shaded area represents the overall performance goals.

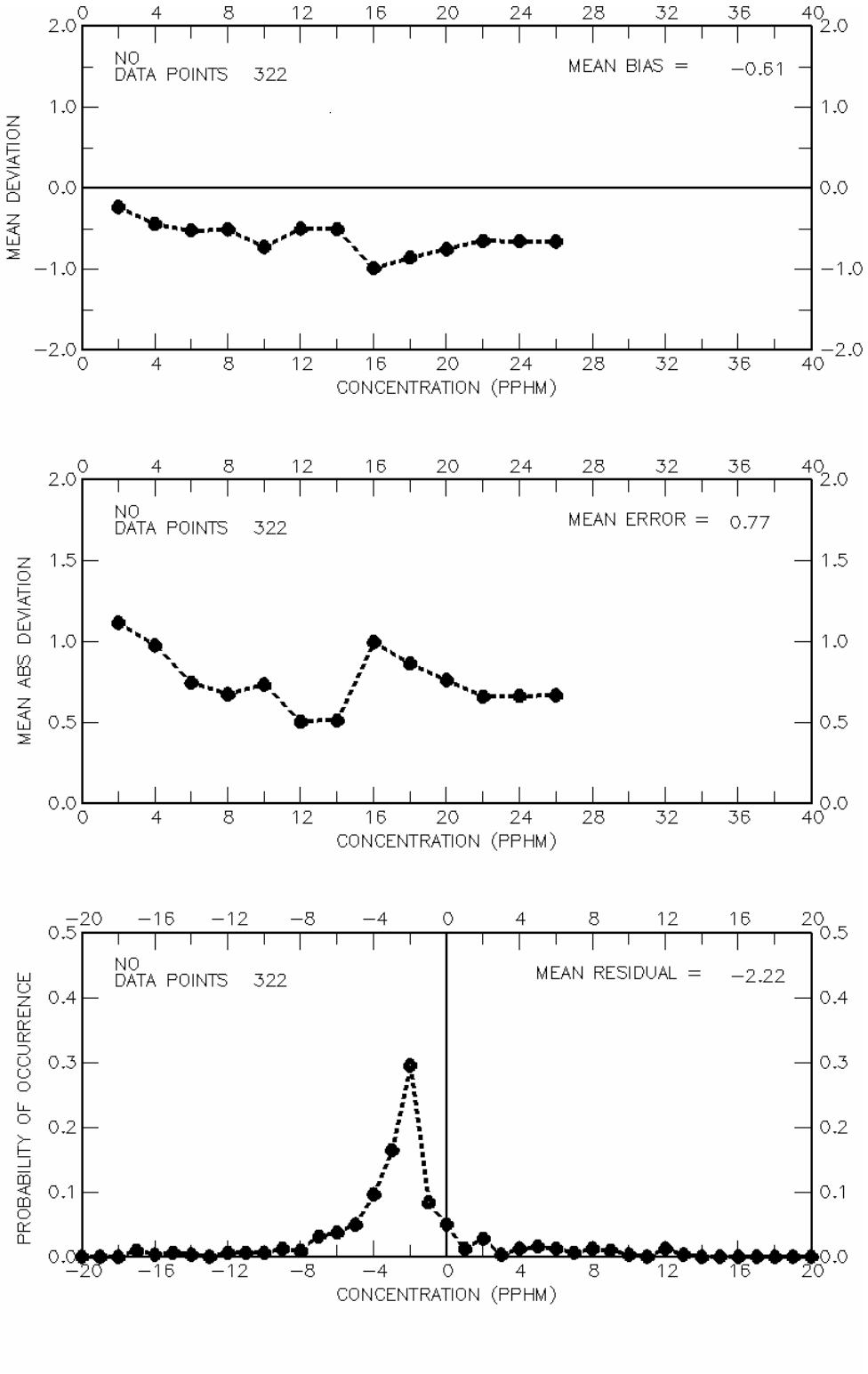


Figure A-18

NO prediction bias, error and residual stratified by concentration for August 6, 1997. The shaded area represents the overall performance goals.

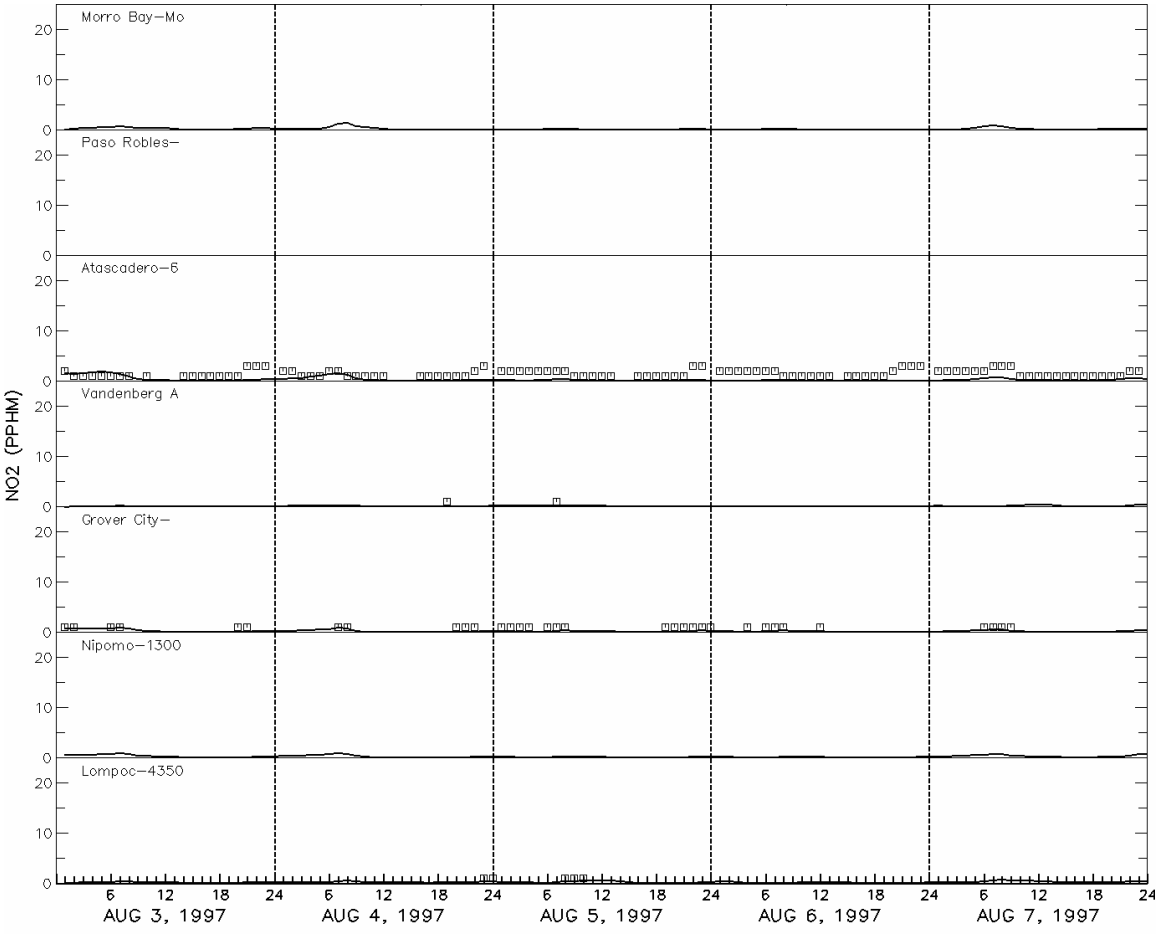


Figure A-19a

Comparison between simulated and measured NO_2 concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

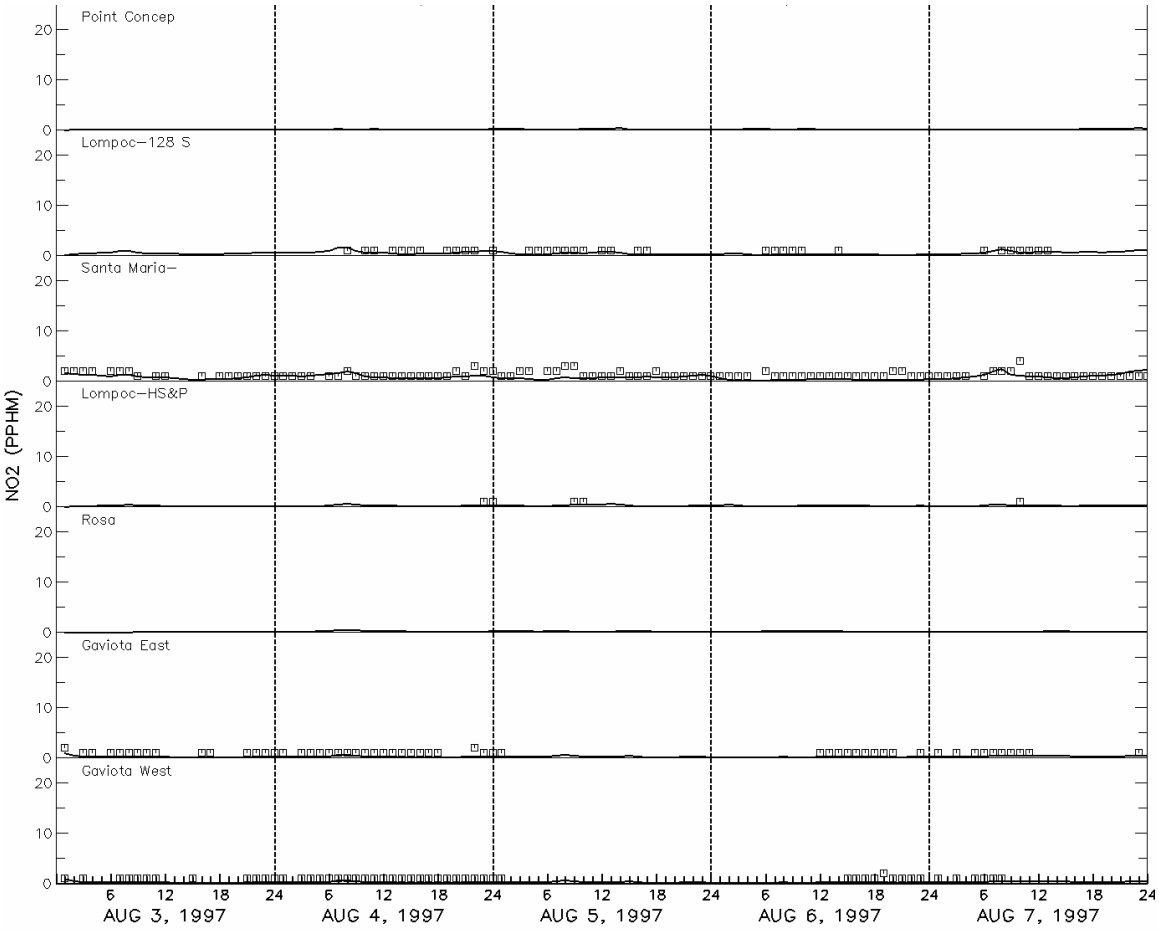


Figure A-19b

Comparison between simulated and measured NO_2 concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

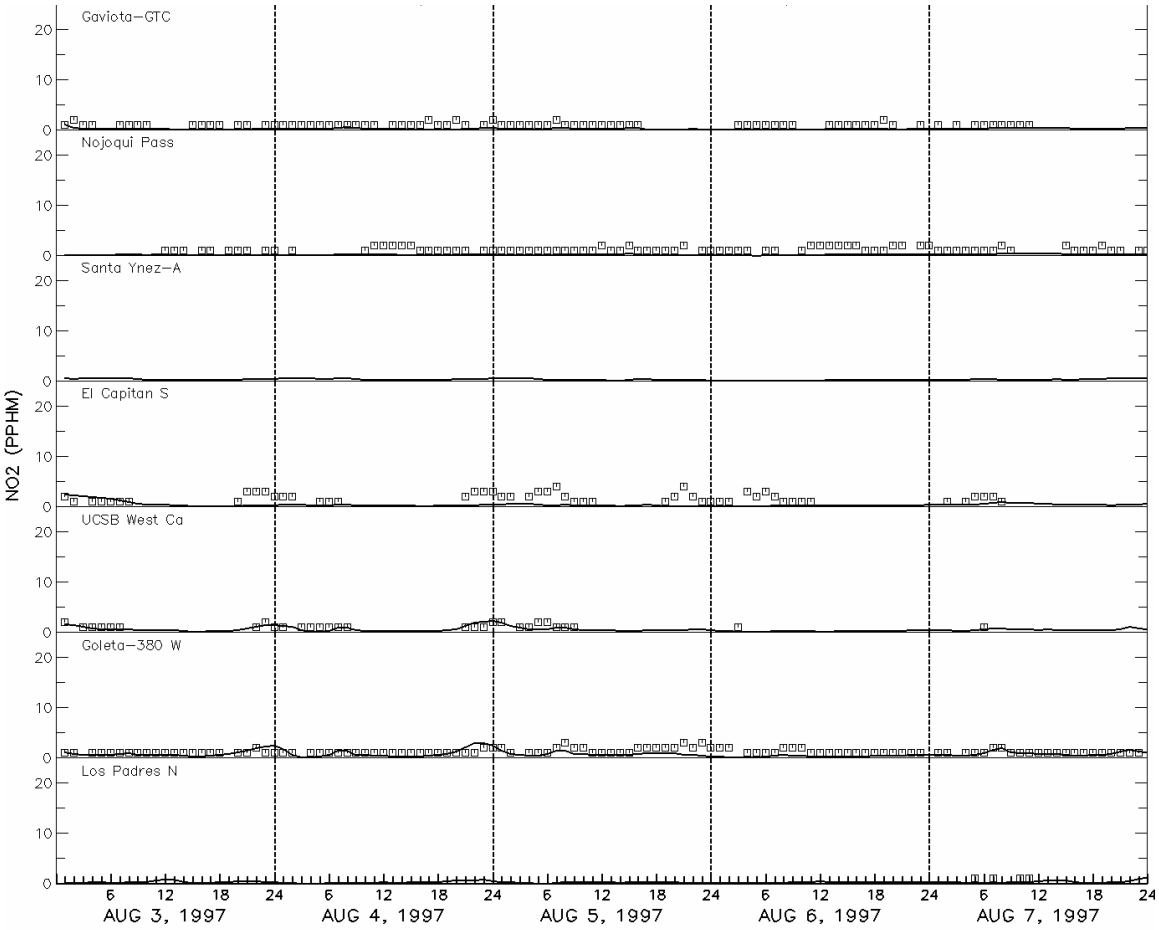


Figure A-19c

Comparison between simulated and measured NO_2 concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

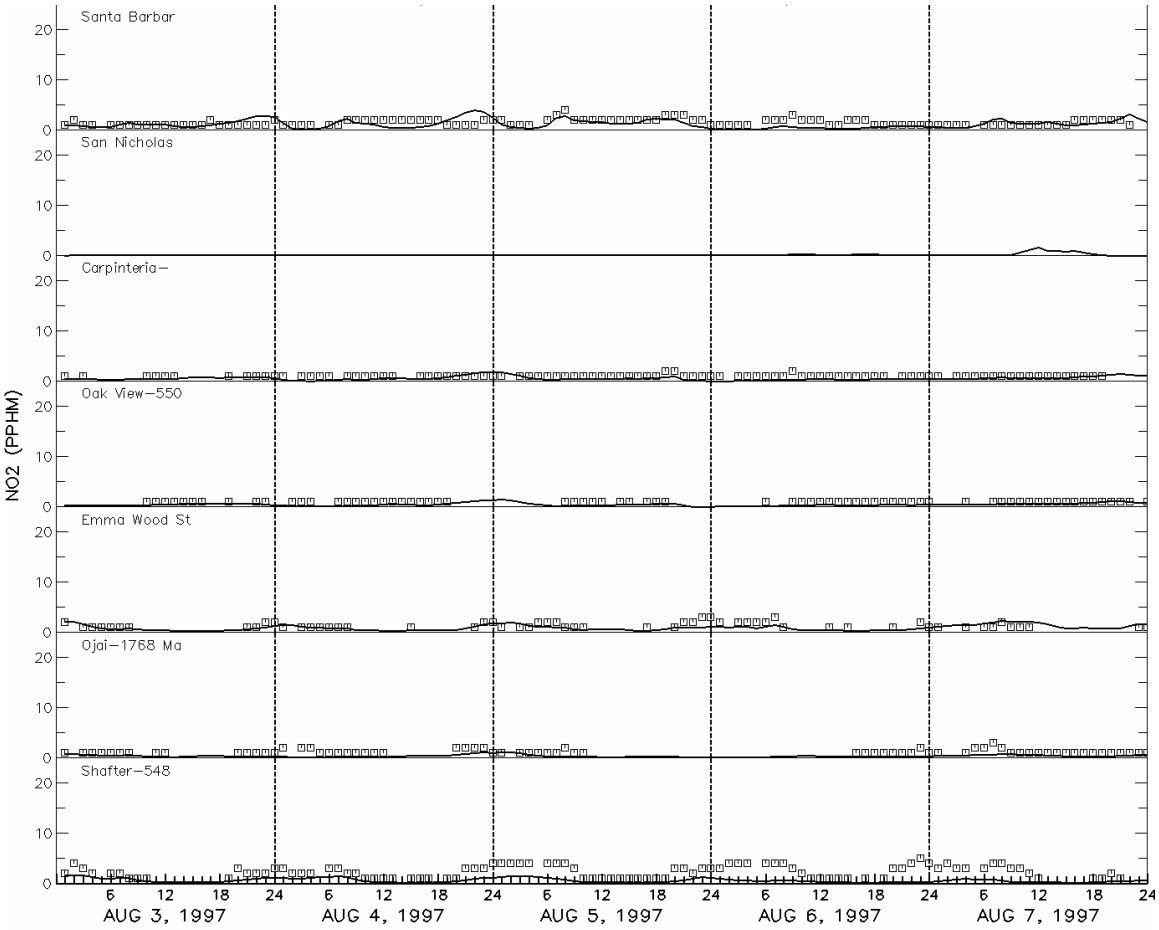


Figure A-19d

Comparison between simulated and measured NO_2 concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

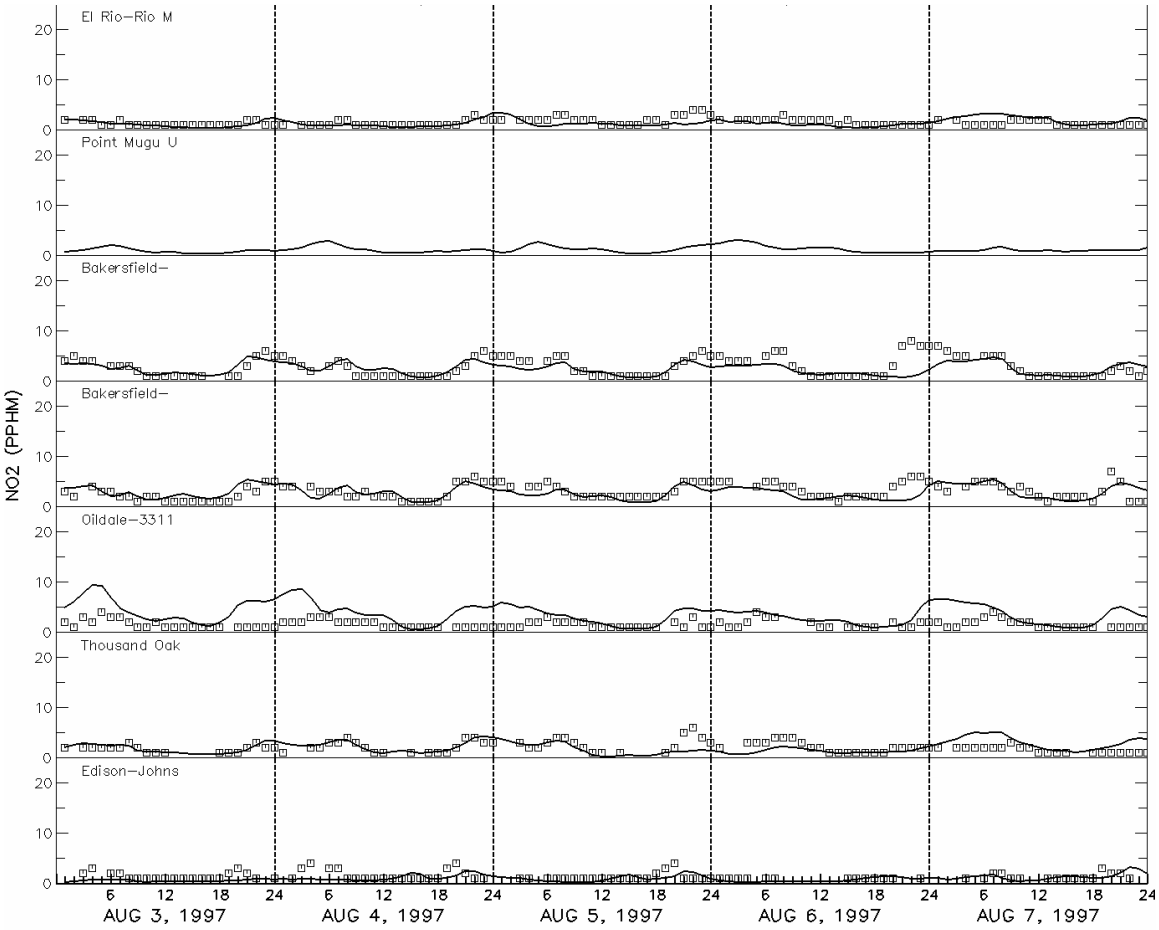


Figure A-19e

Comparison between simulated and measured NO_2 concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

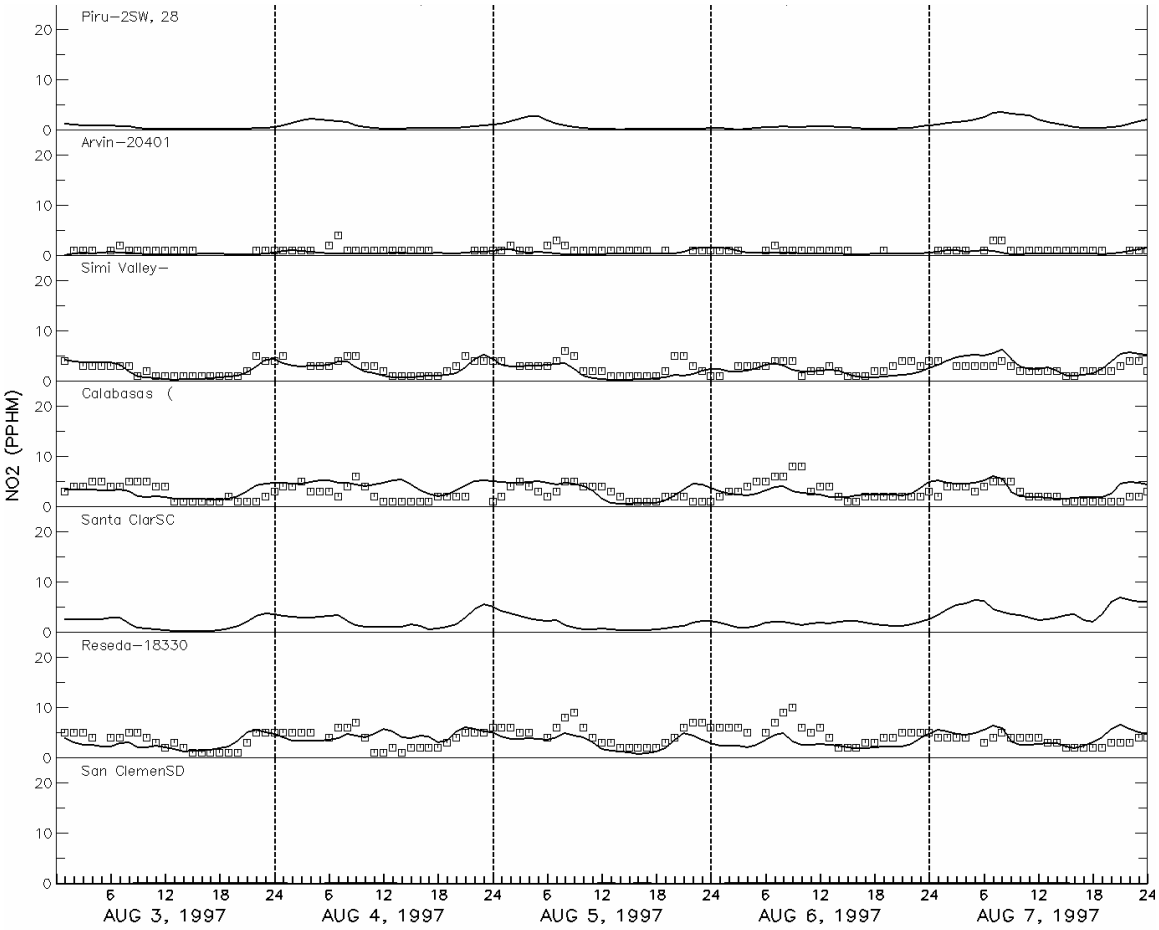


Figure A-19f

Comparison between simulated and measured NO_2 concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

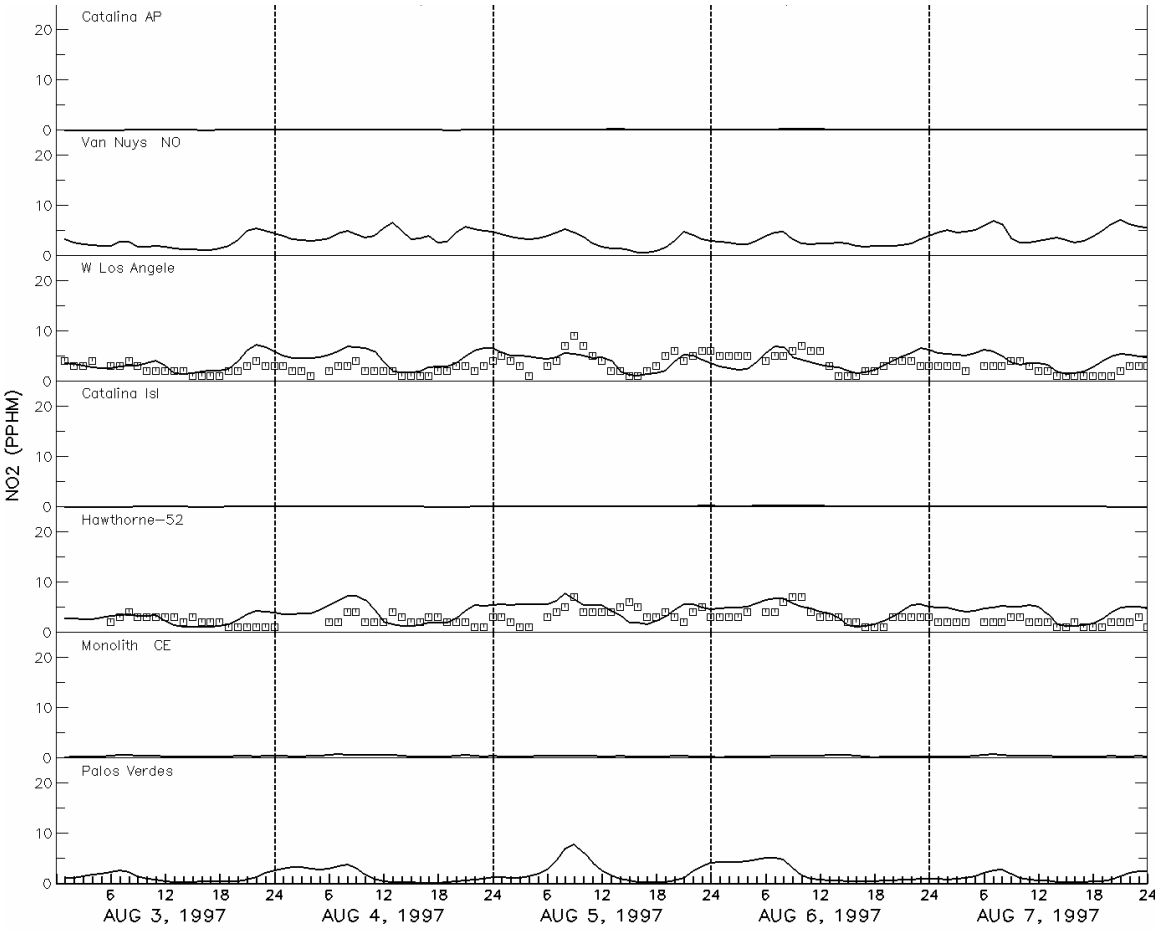


Figure A-19g

Comparison between simulated and measured NO_2 concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

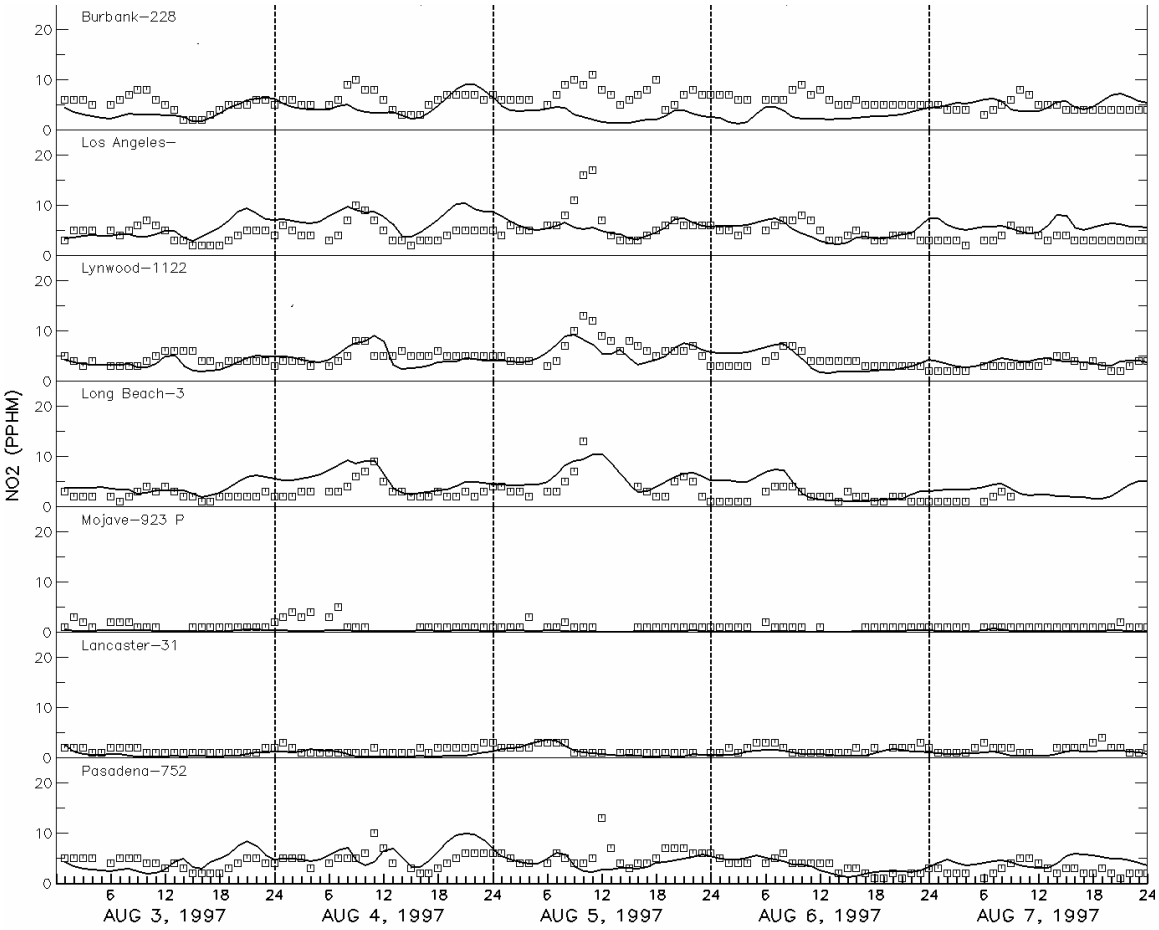


Figure A-19h

Comparison between simulated and measured NO_2 concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

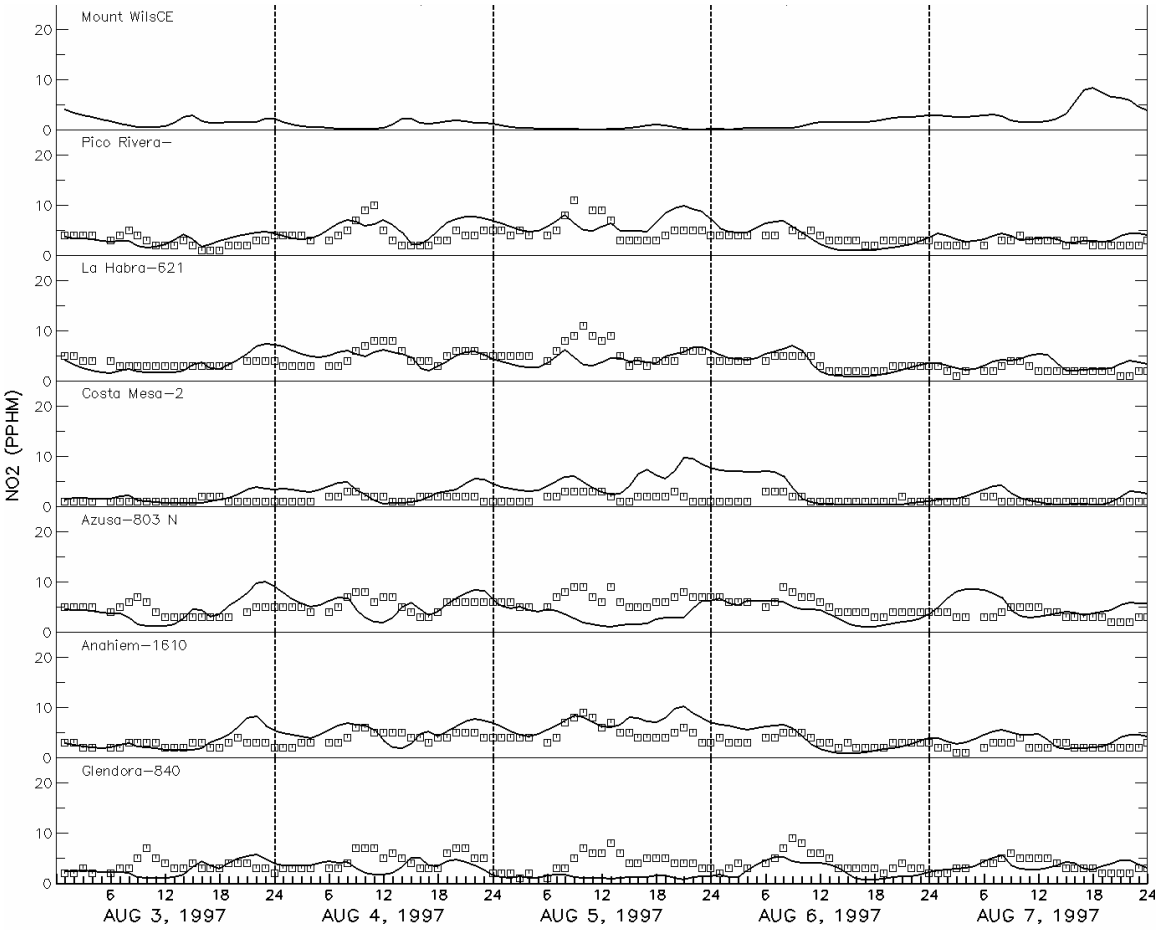


Figure A-19i

Comparison between simulated and measured NO_2 concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

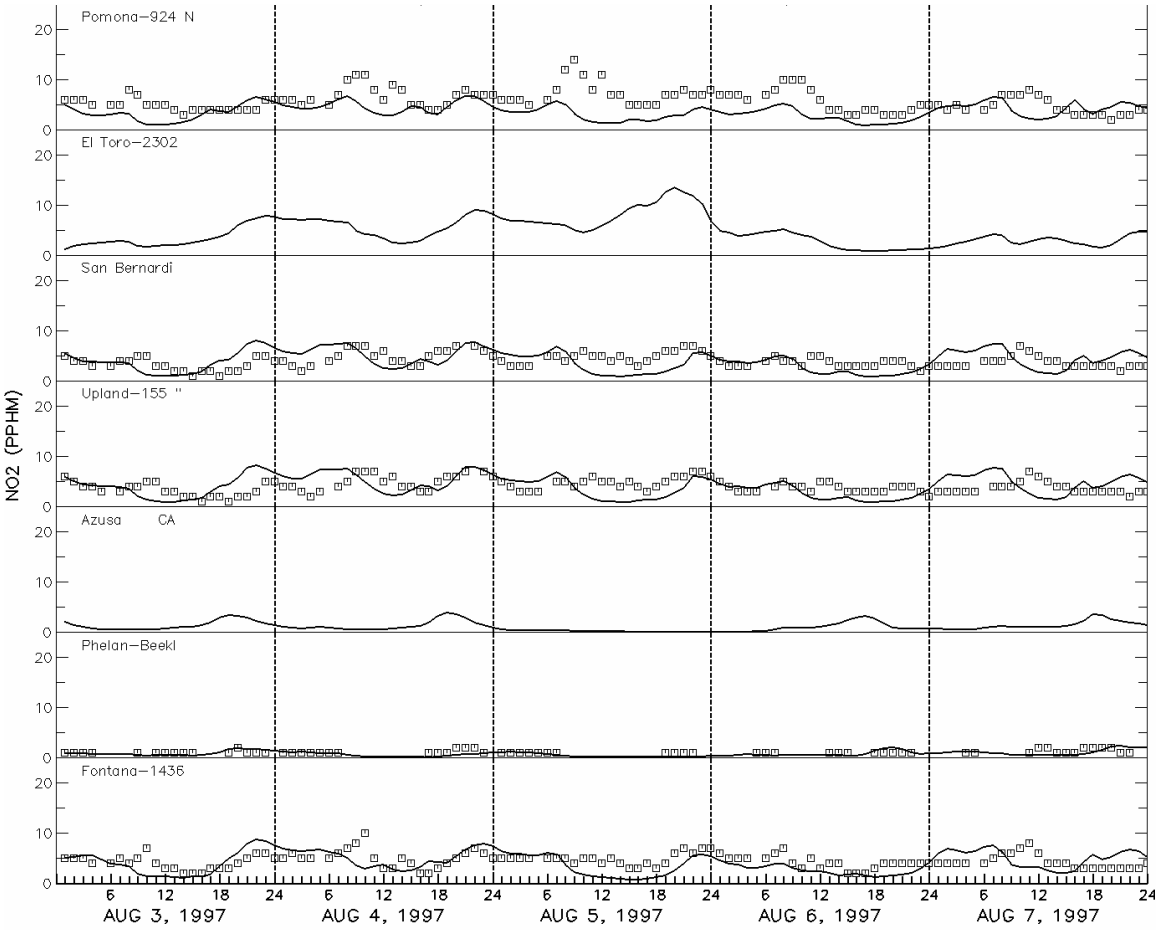


Figure A-19j

Comparison between simulated and measured NO_2 concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

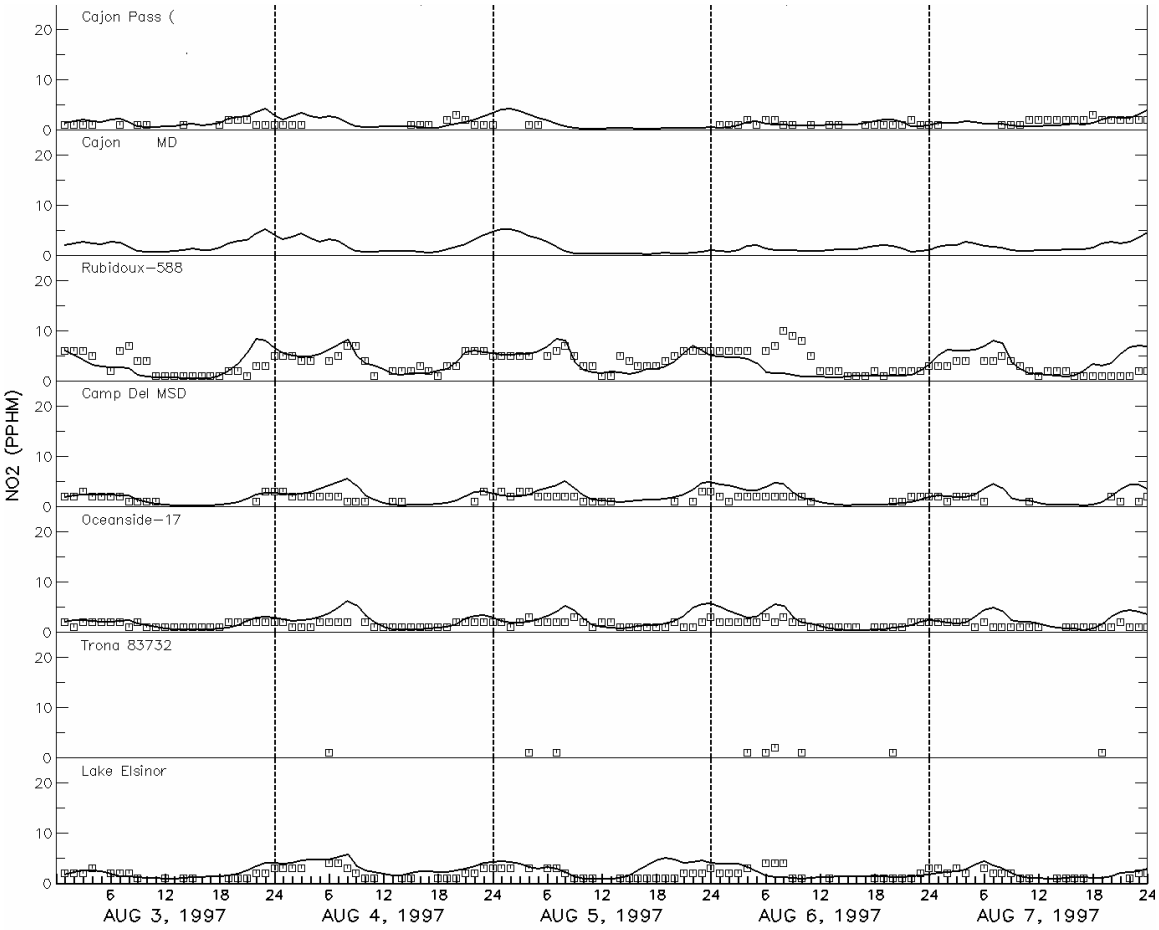


Figure A-19k

Comparison between simulated and measured NO_2 concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

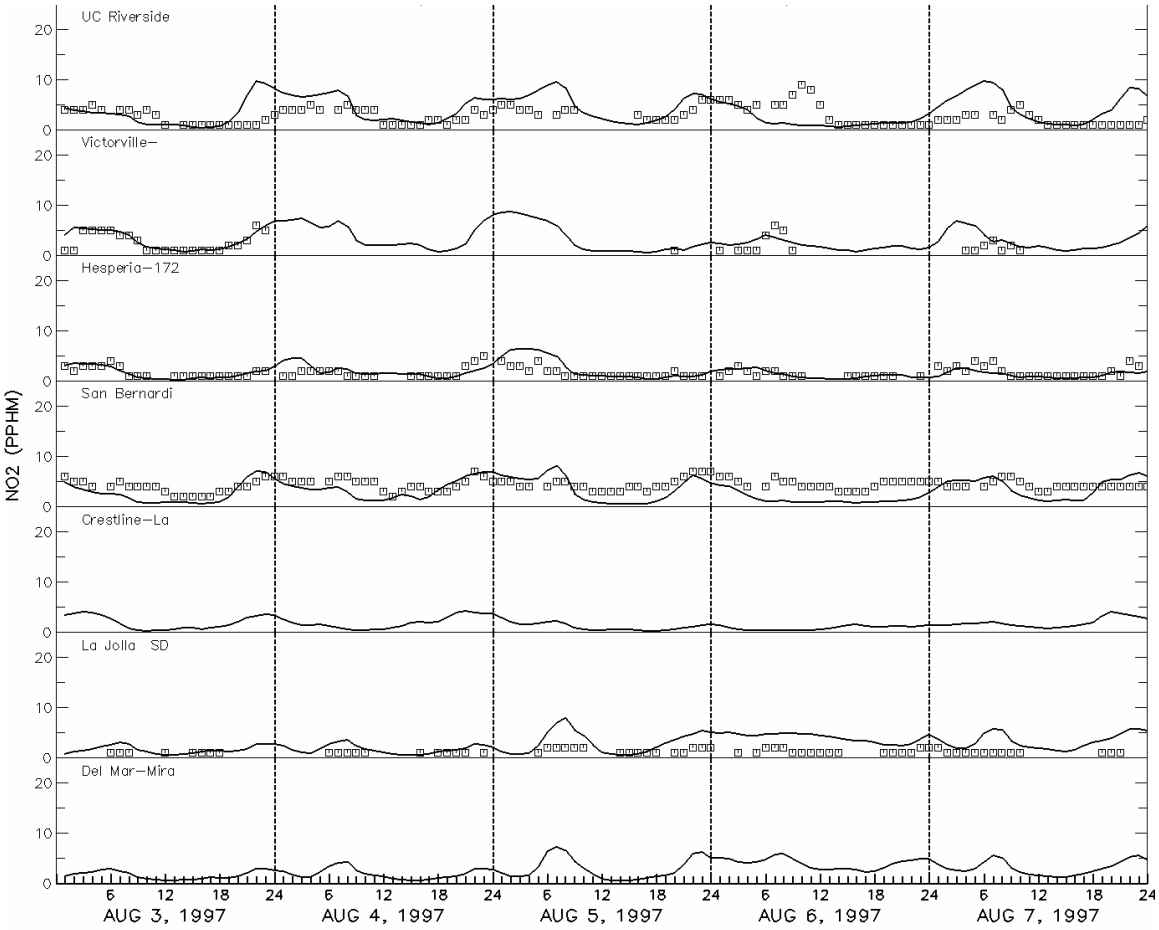


Figure A-19l

Comparison between simulated and measured NO_2 concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

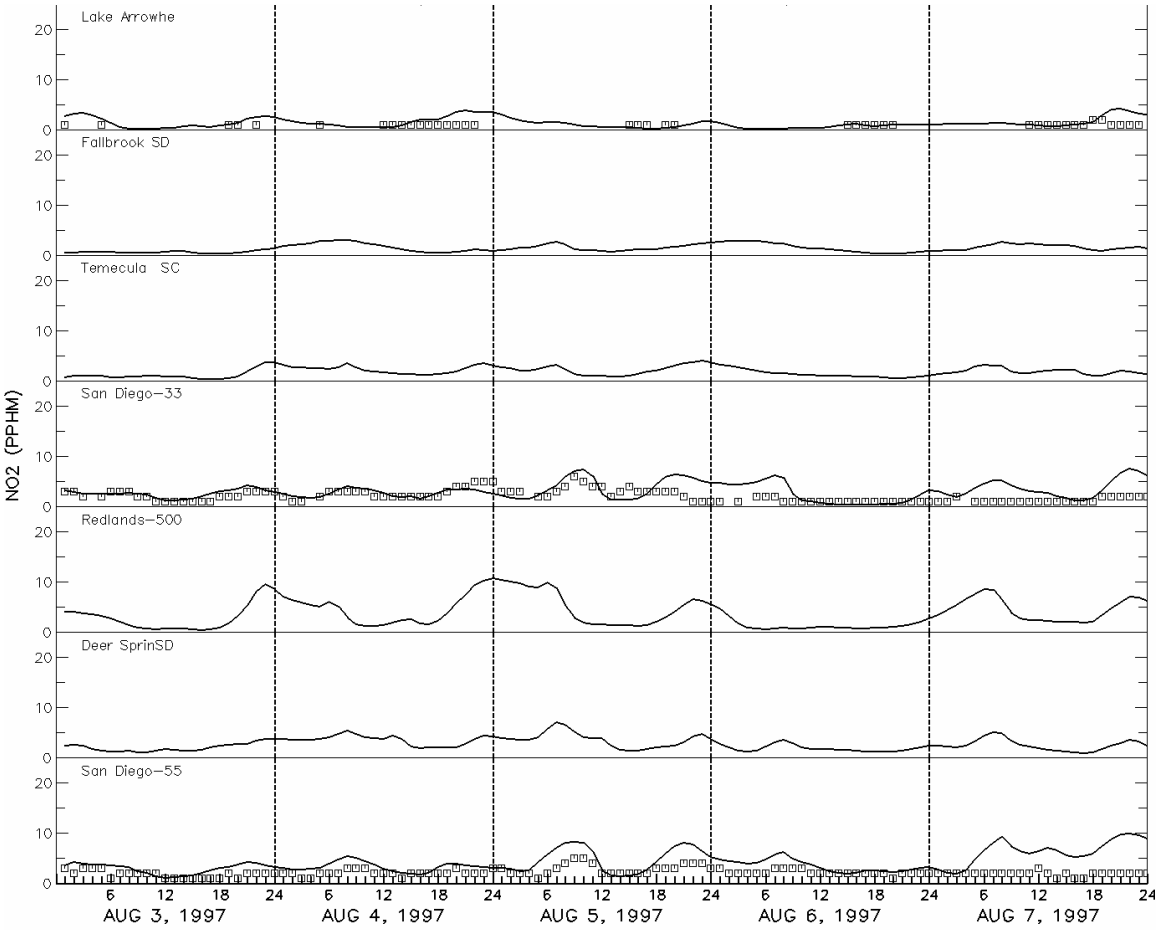


Figure A-19m

Comparison between simulated and measured NO_2 concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

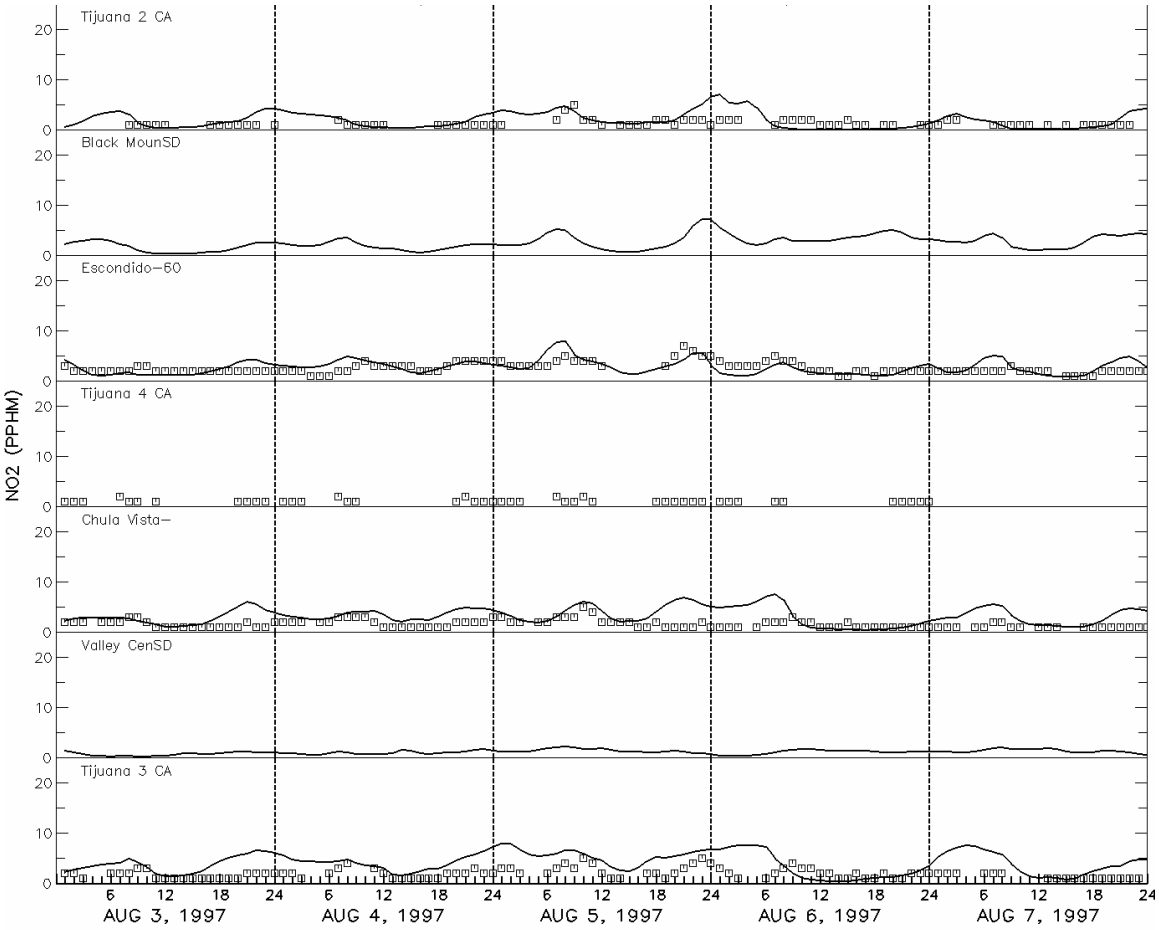


Figure A-19n

Comparison between simulated and measured NO_2 concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

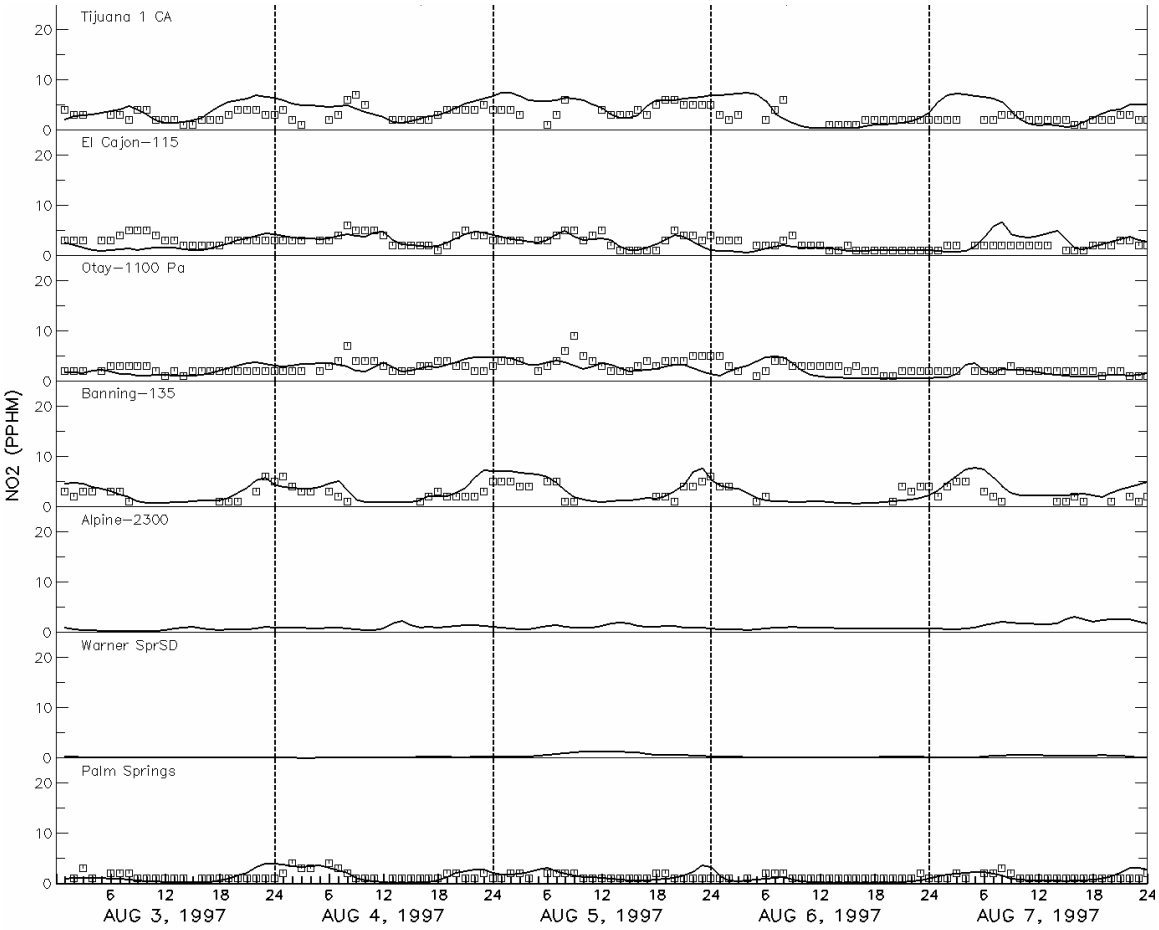


Figure A-19o

Comparison between simulated and measured NO_2 concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

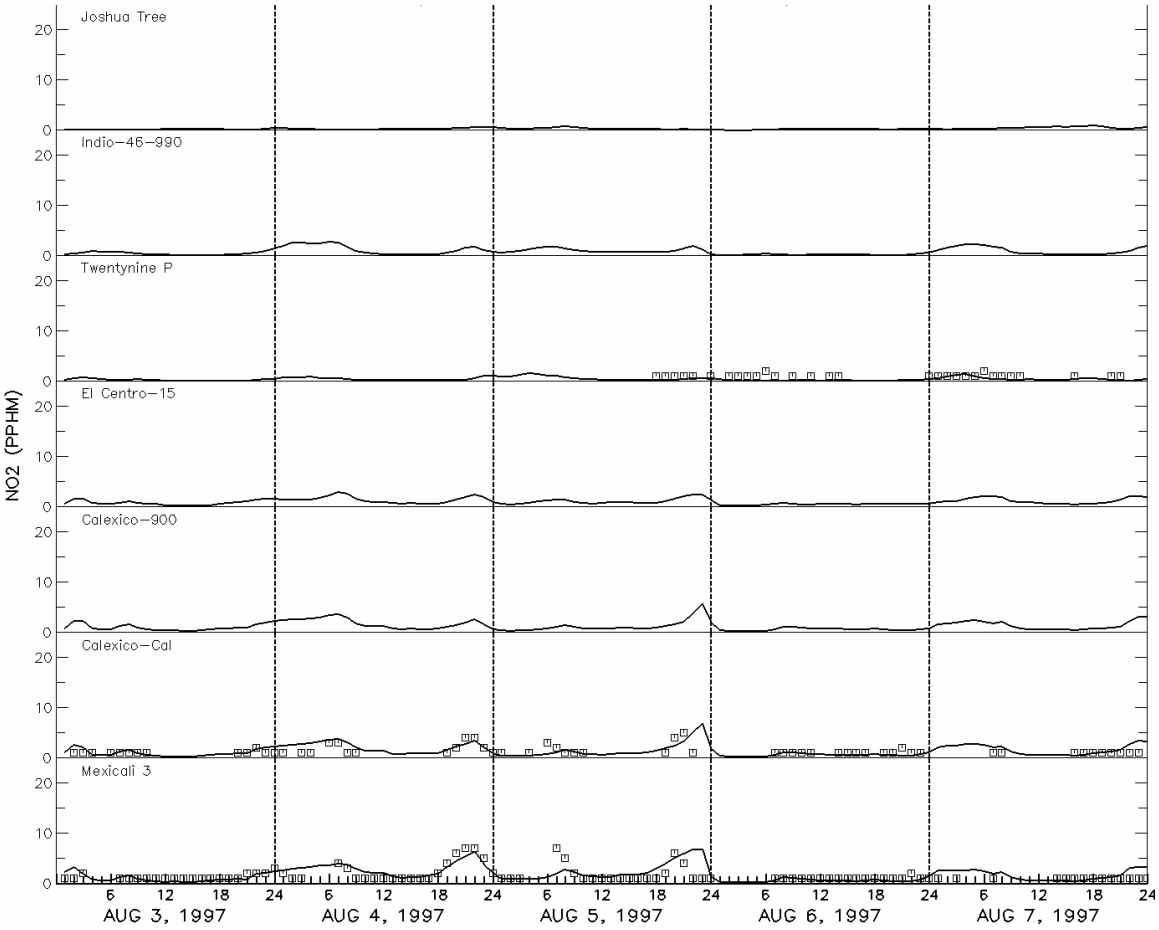


Figure A-19p

Comparison between simulated and measured NO_2 concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

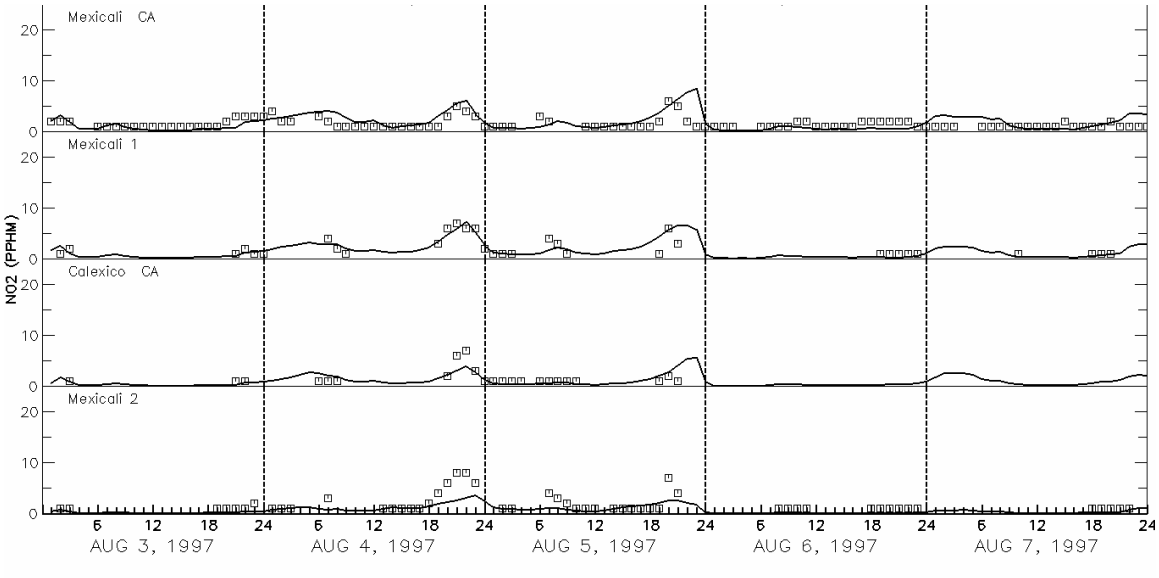


Figure A-19q

Comparison between simulated and measured NO_2 concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

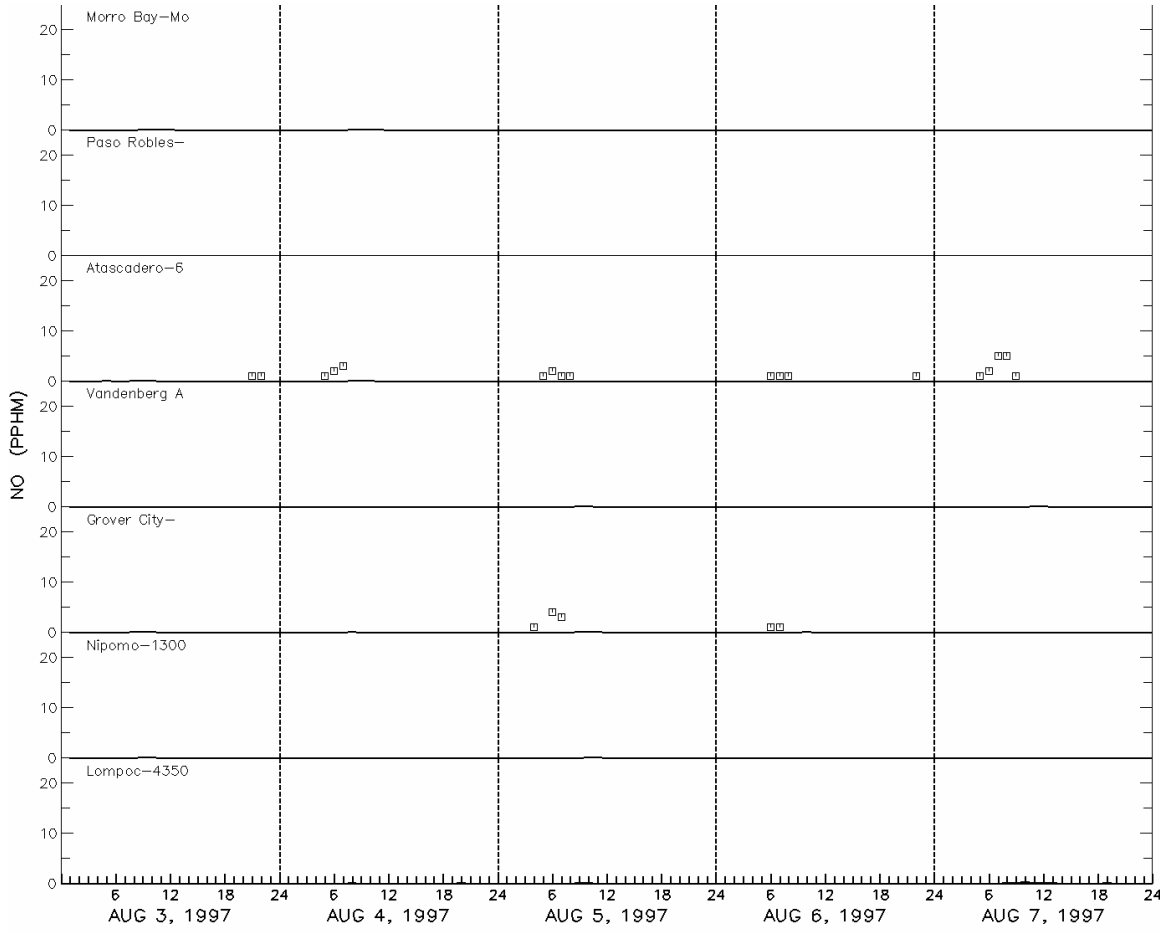


Figure A-20a

Comparison between simulated and measured NO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

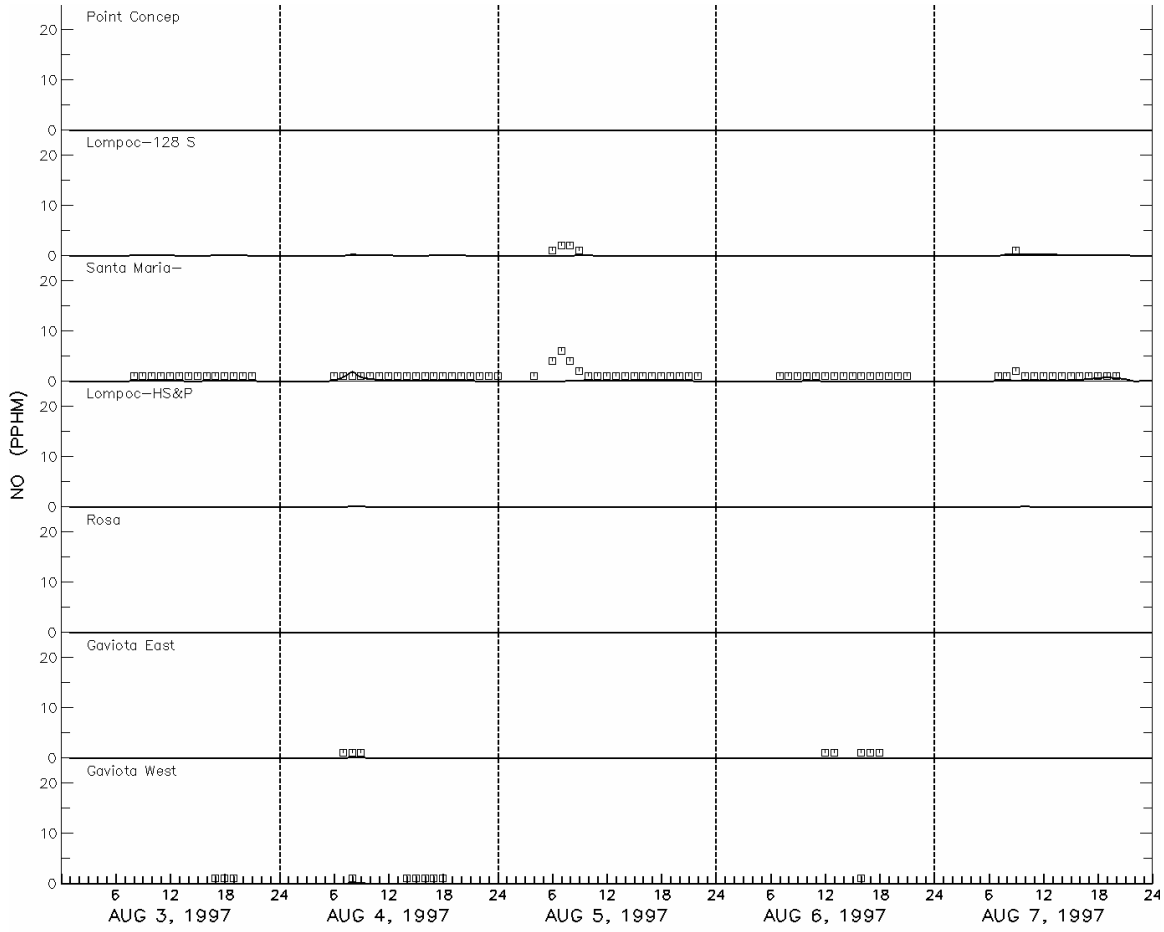


Figure A-20b

Comparison between simulated and measured NO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

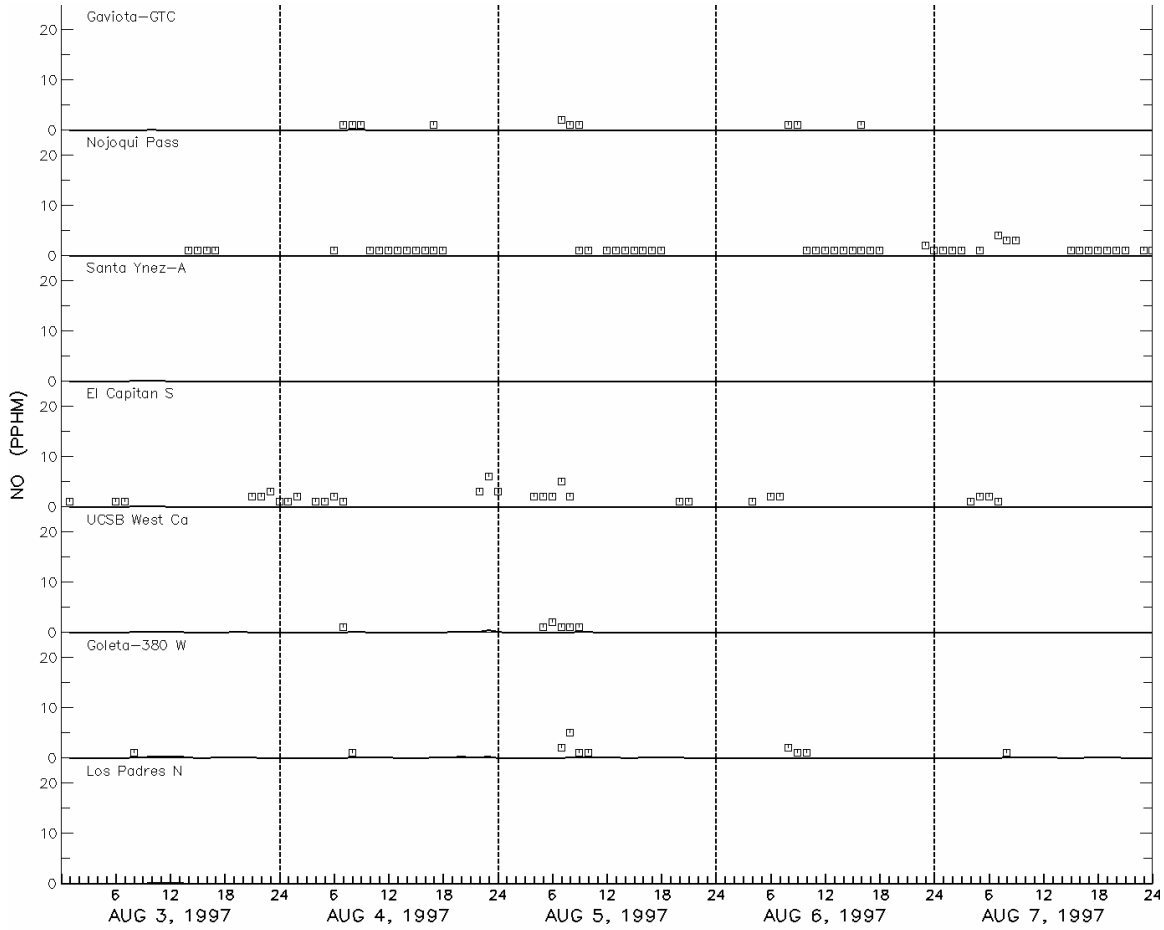


Figure A-20c

Comparison between simulated and measured NO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

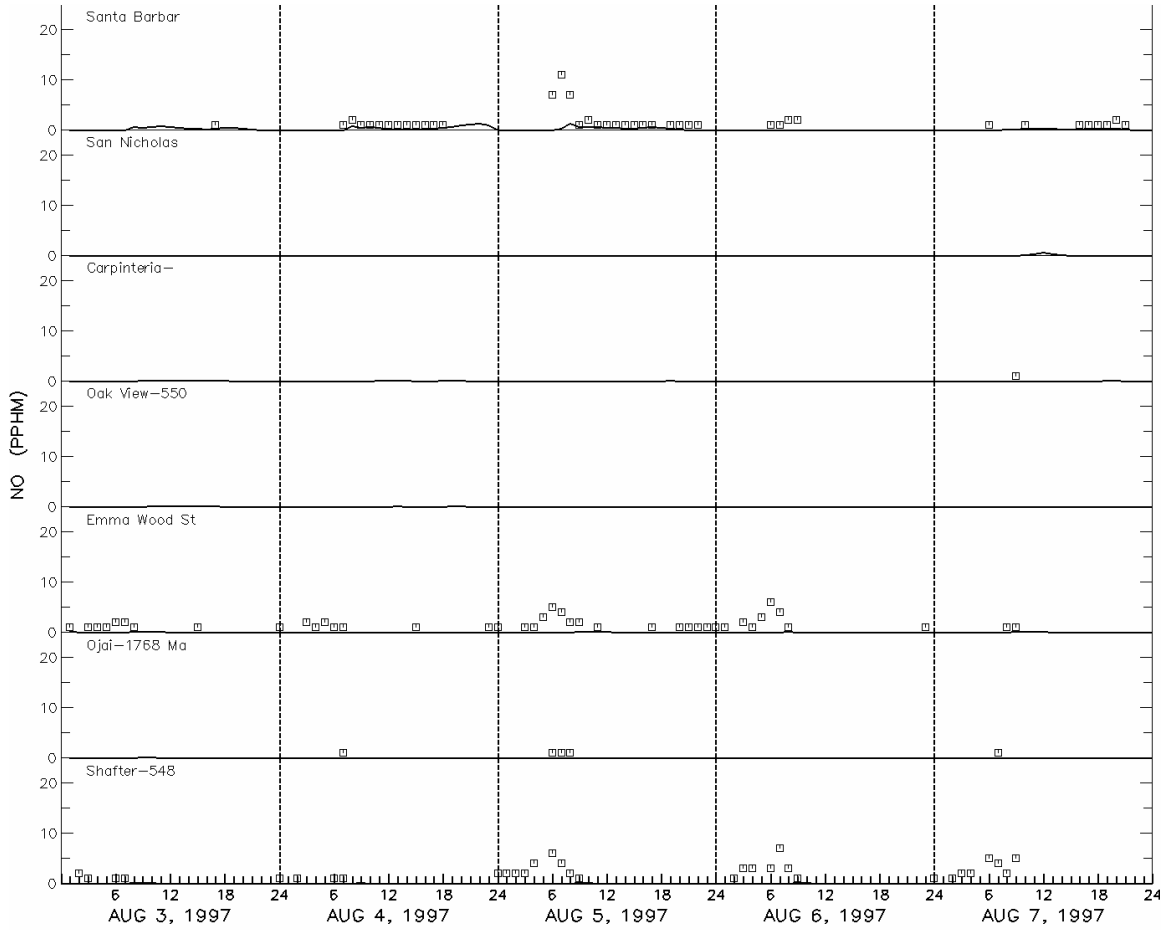


Figure A-20d

Comparison between simulated and measured NO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

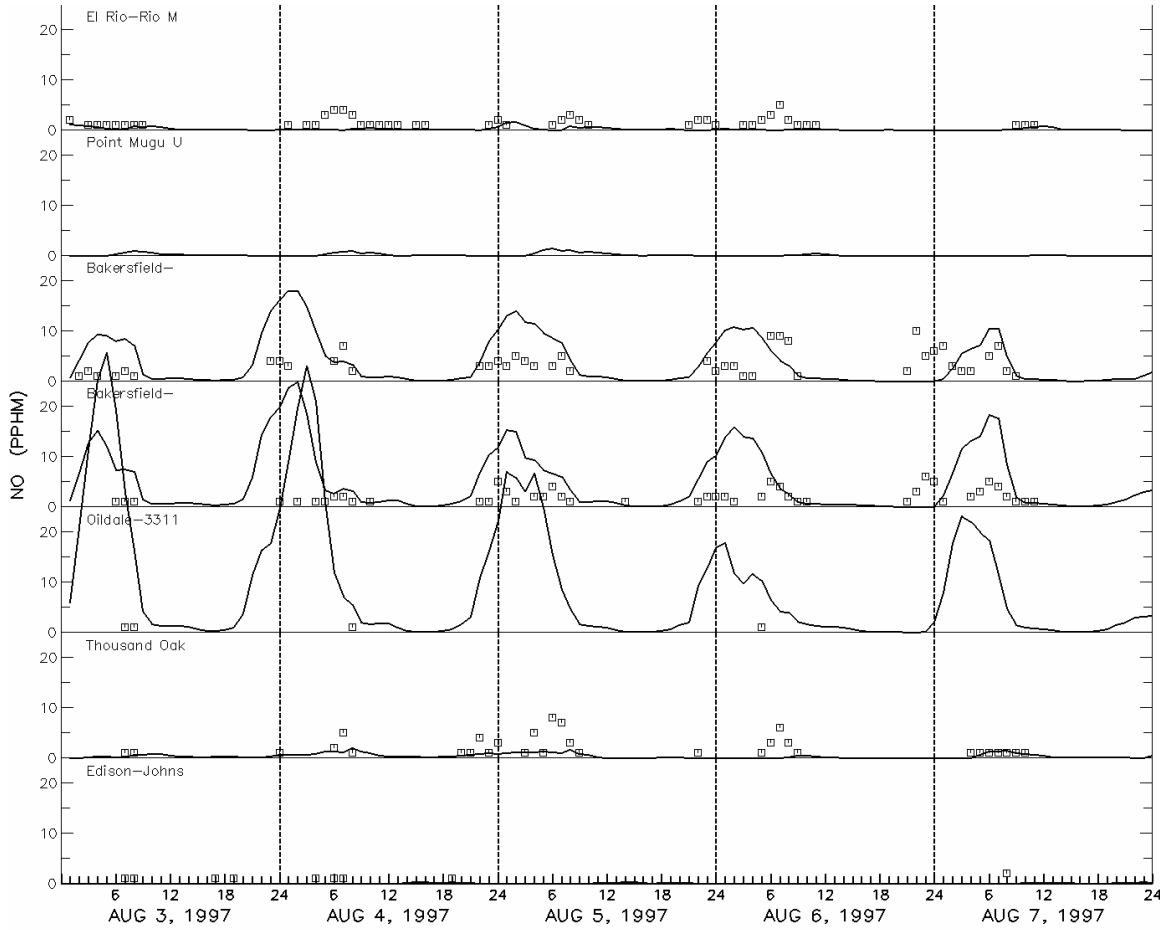


Figure A-20e

Comparison between simulated and measured NO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

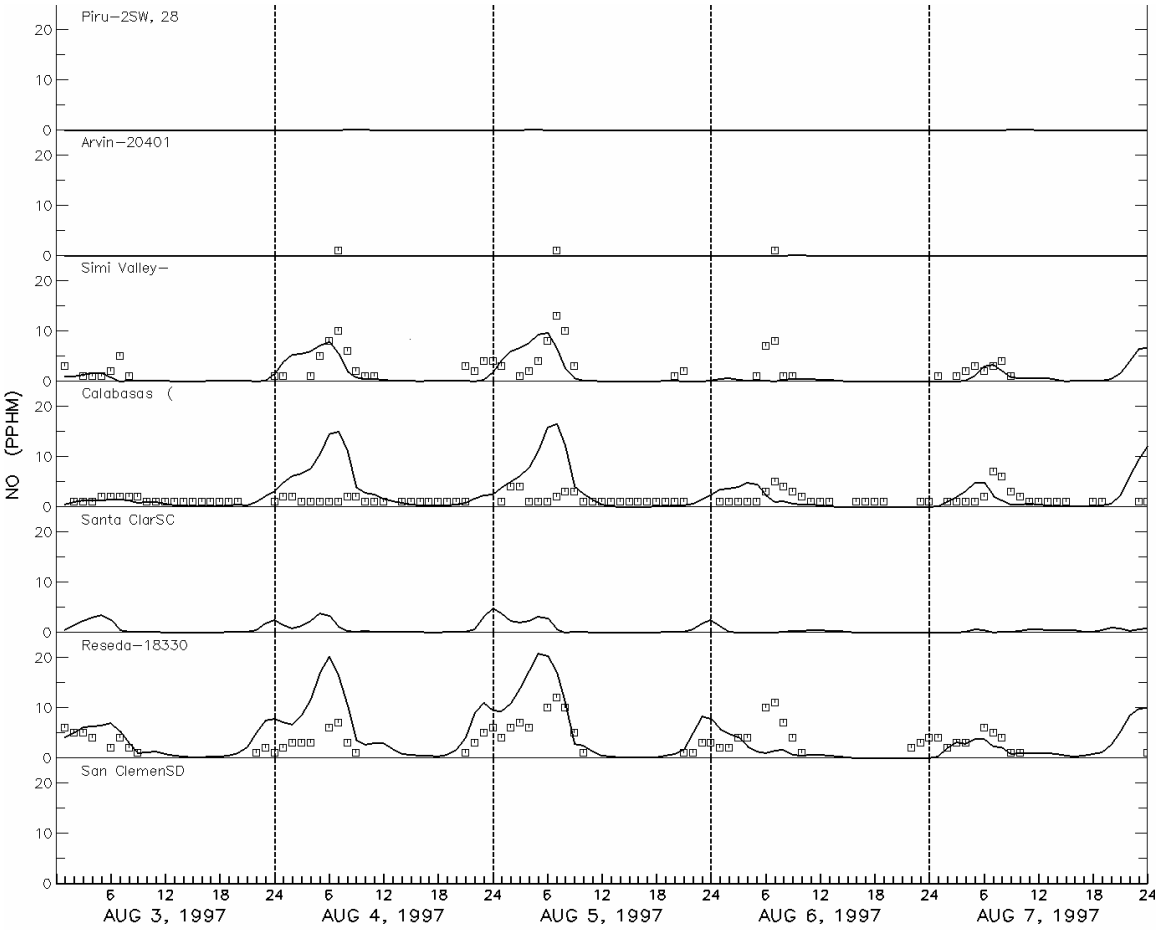


Figure A-20f

Comparison between simulated and measured NO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

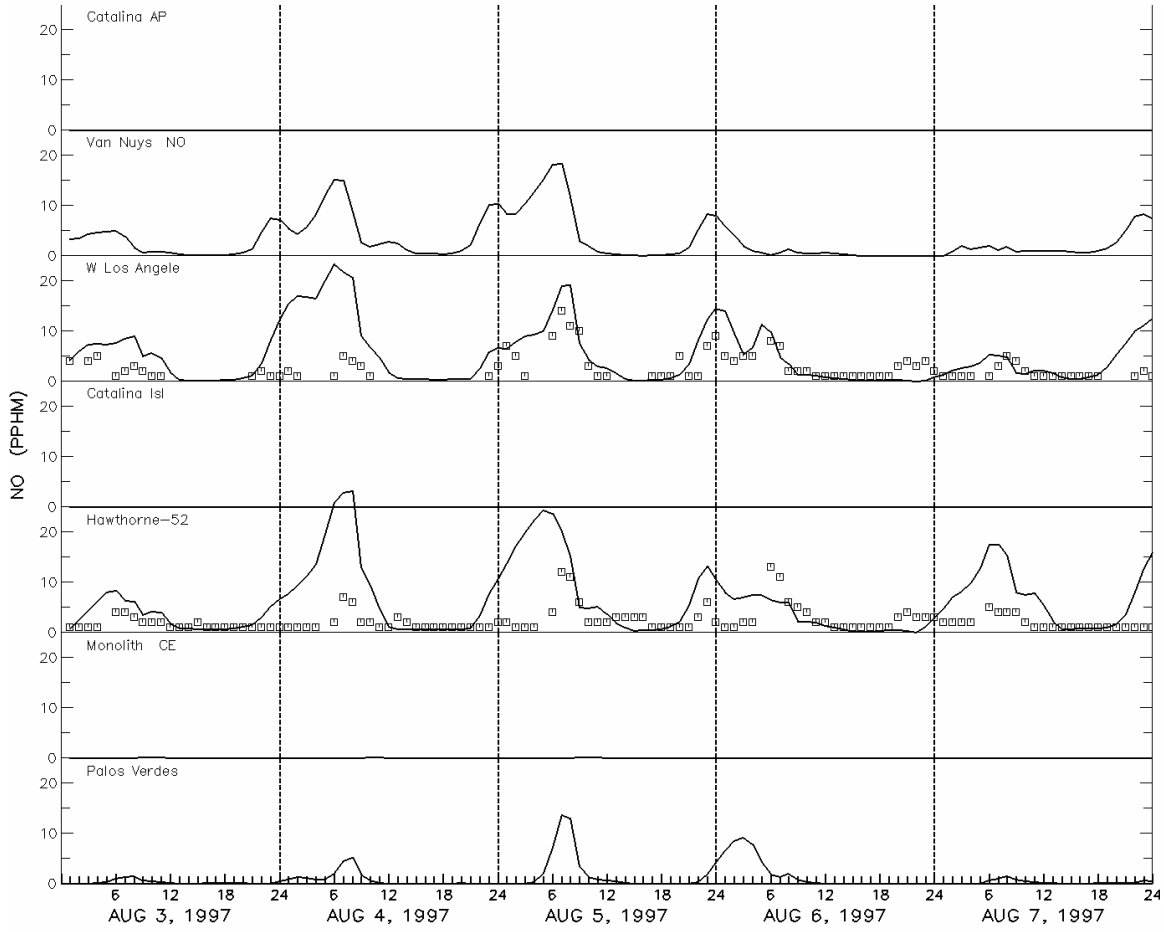


Figure A-20g

Comparison between simulated and measured NO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

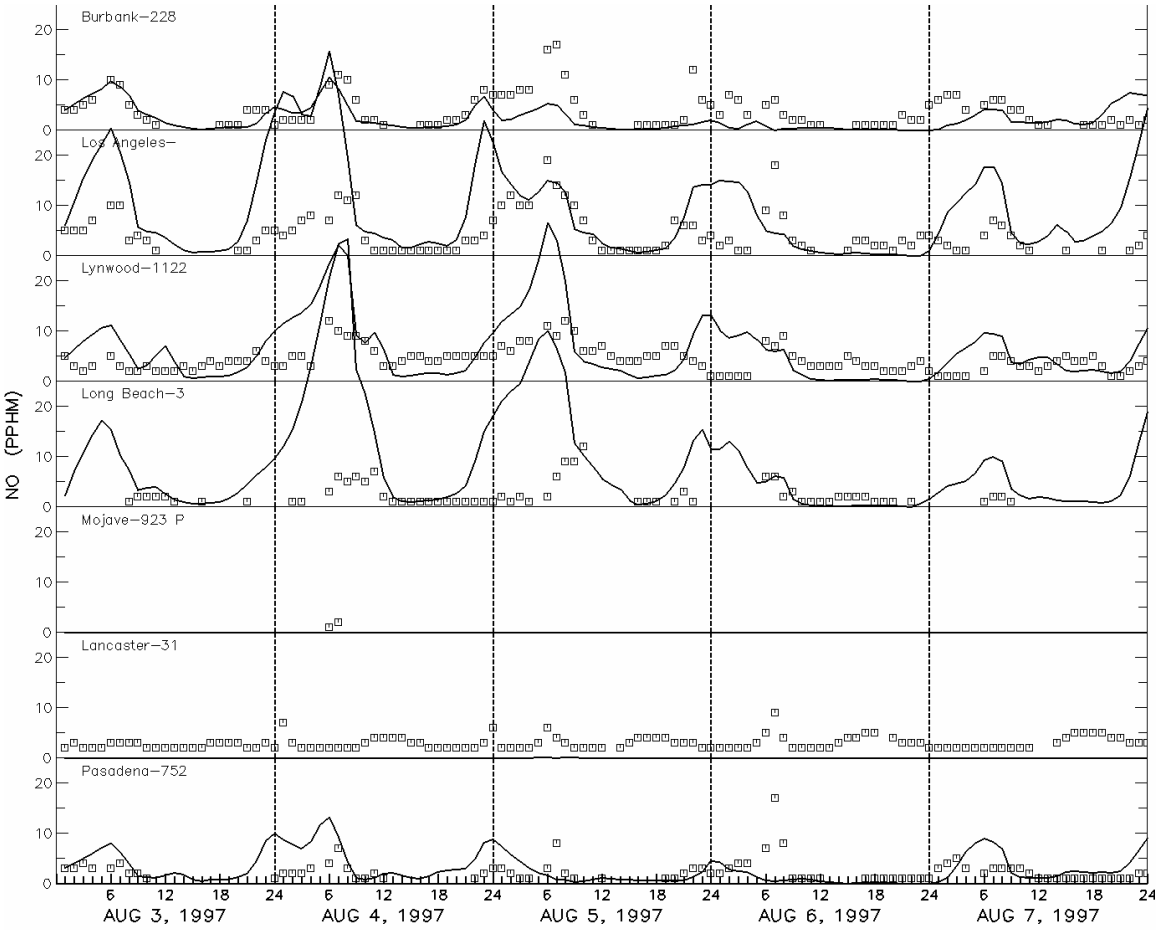


Figure A-20h

Comparison between simulated and measured NO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

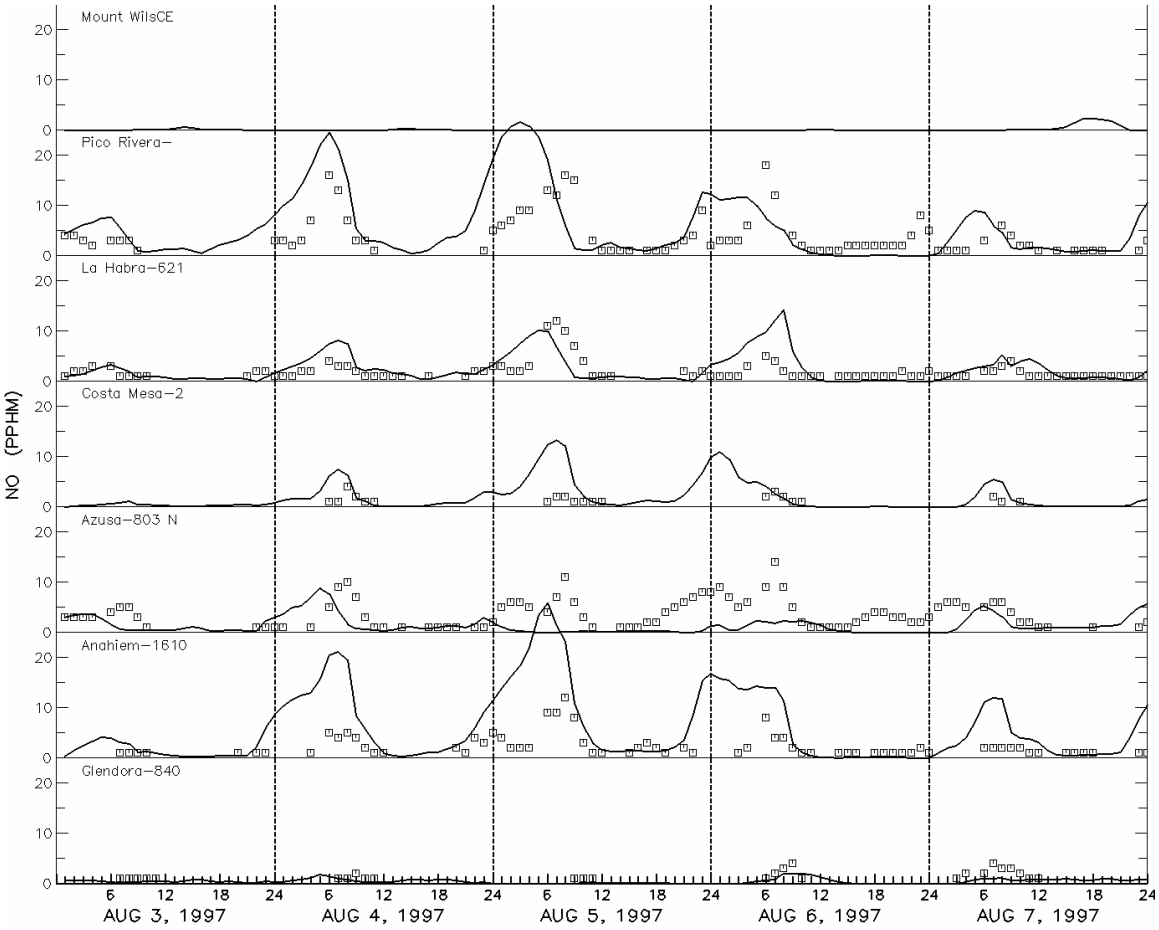


Figure A-20i

Comparison between simulated and measured NO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

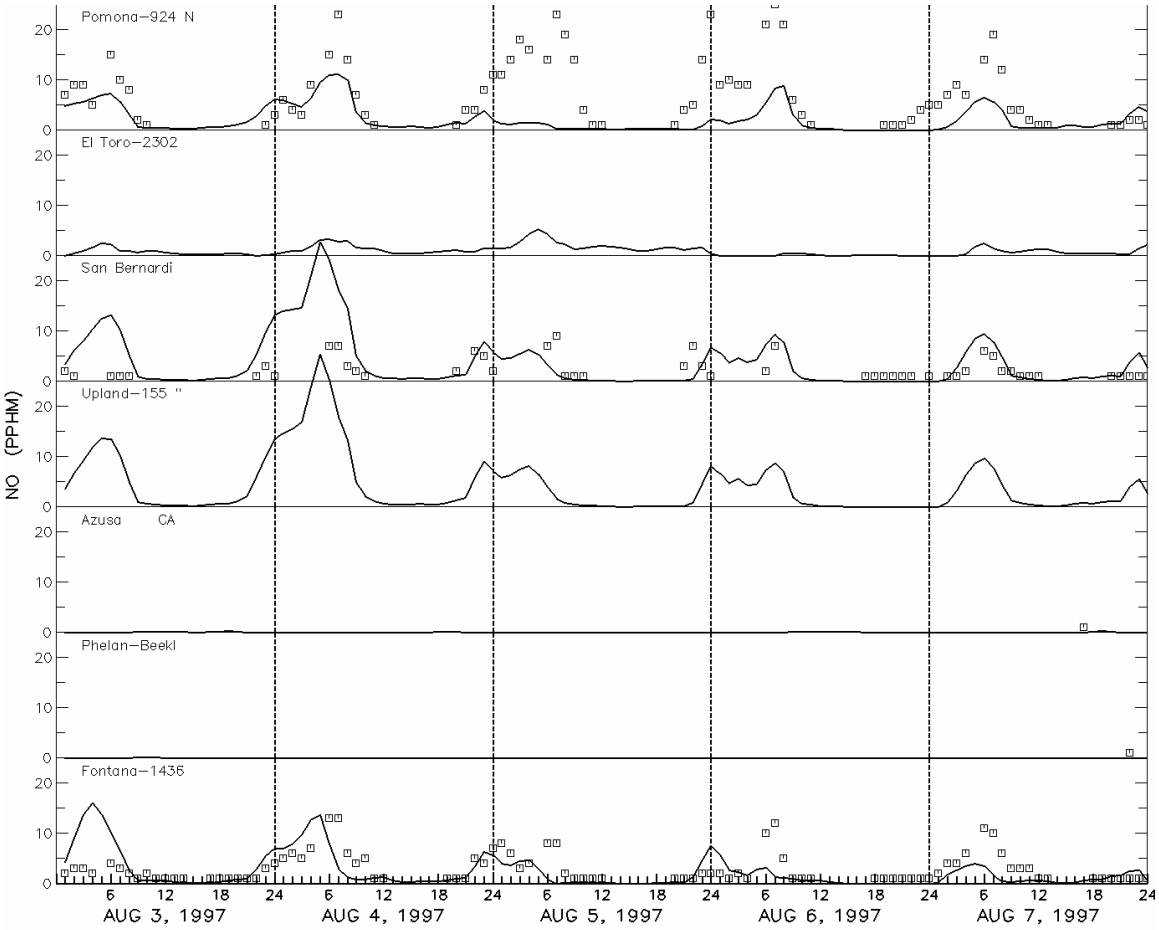


Figure A-20j

Comparison between simulated and measured NO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

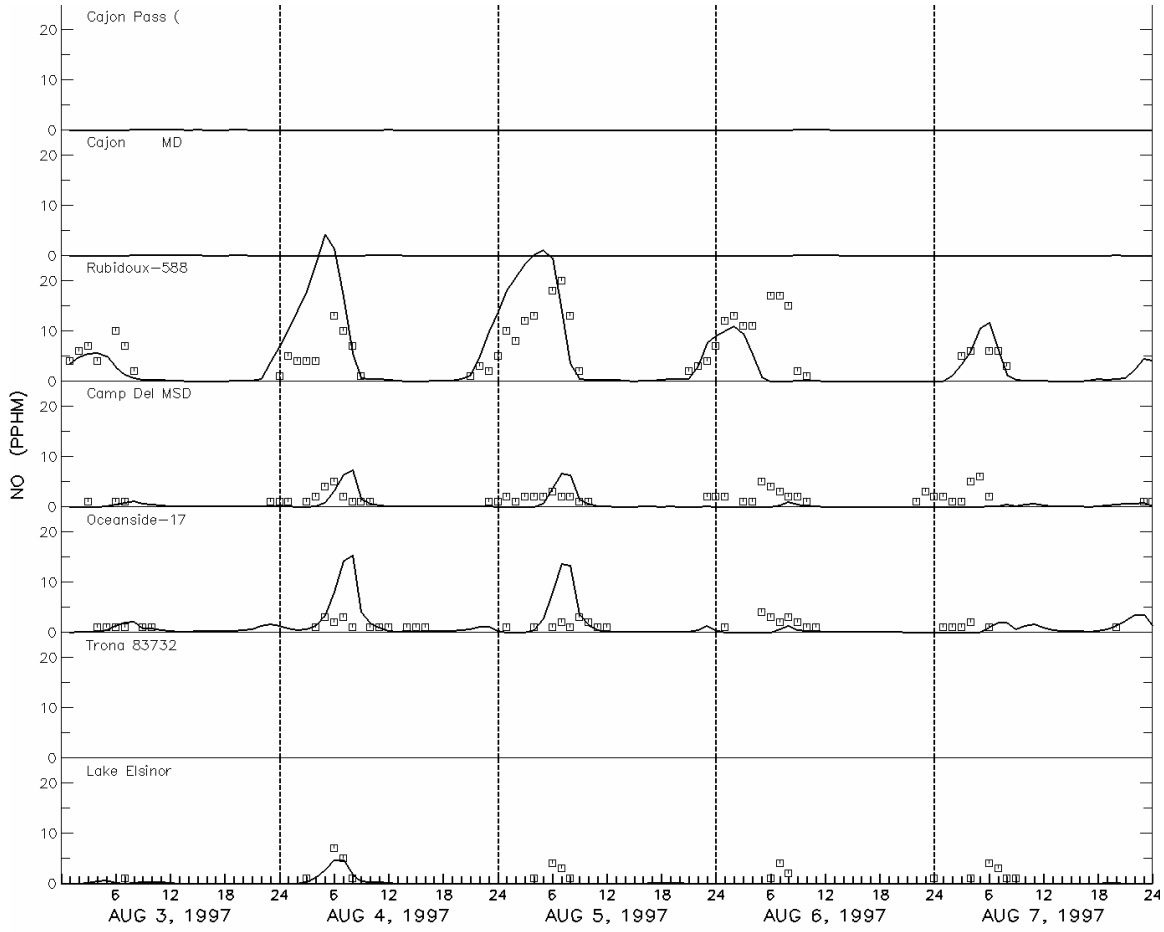


Figure A-20k

Comparison between simulated and measured NO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

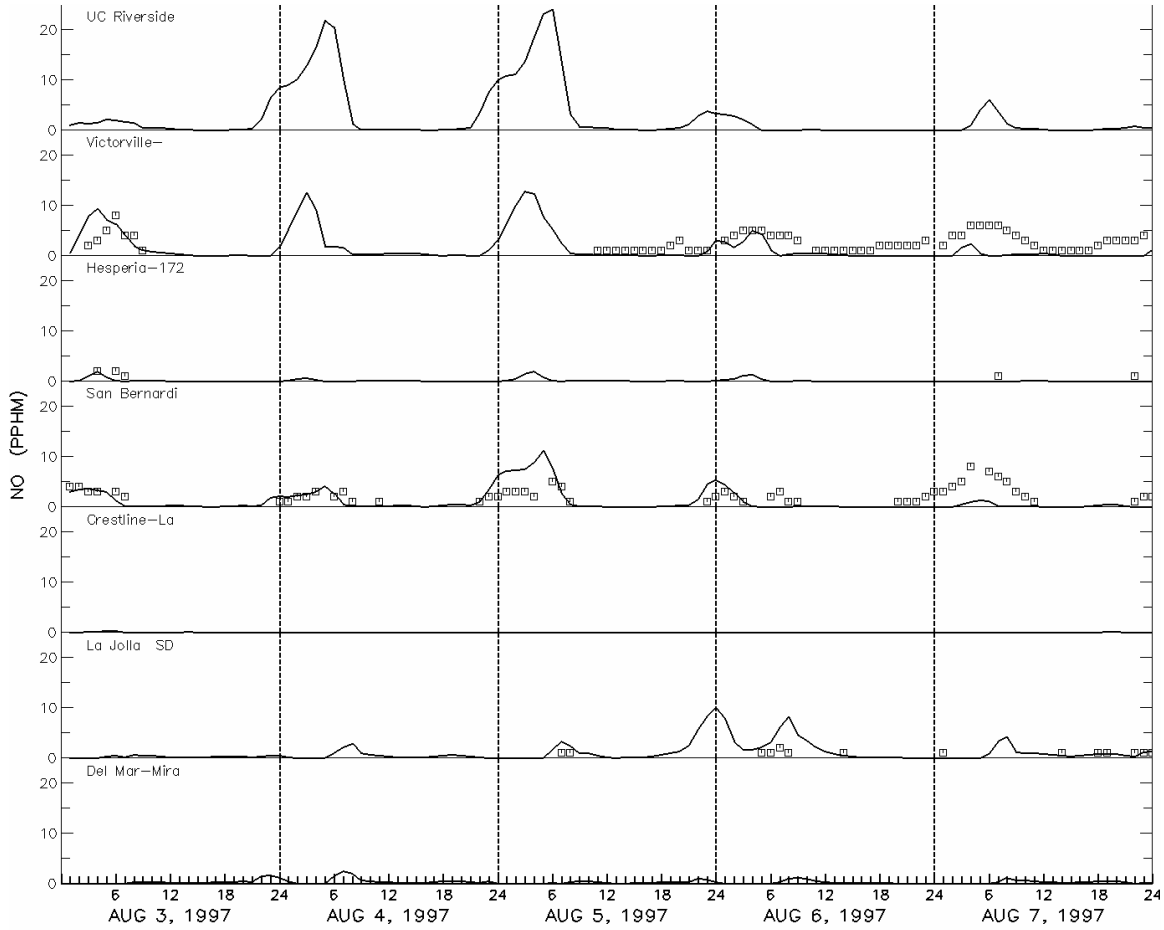


Figure A-20l

Comparison between simulated and measured NO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

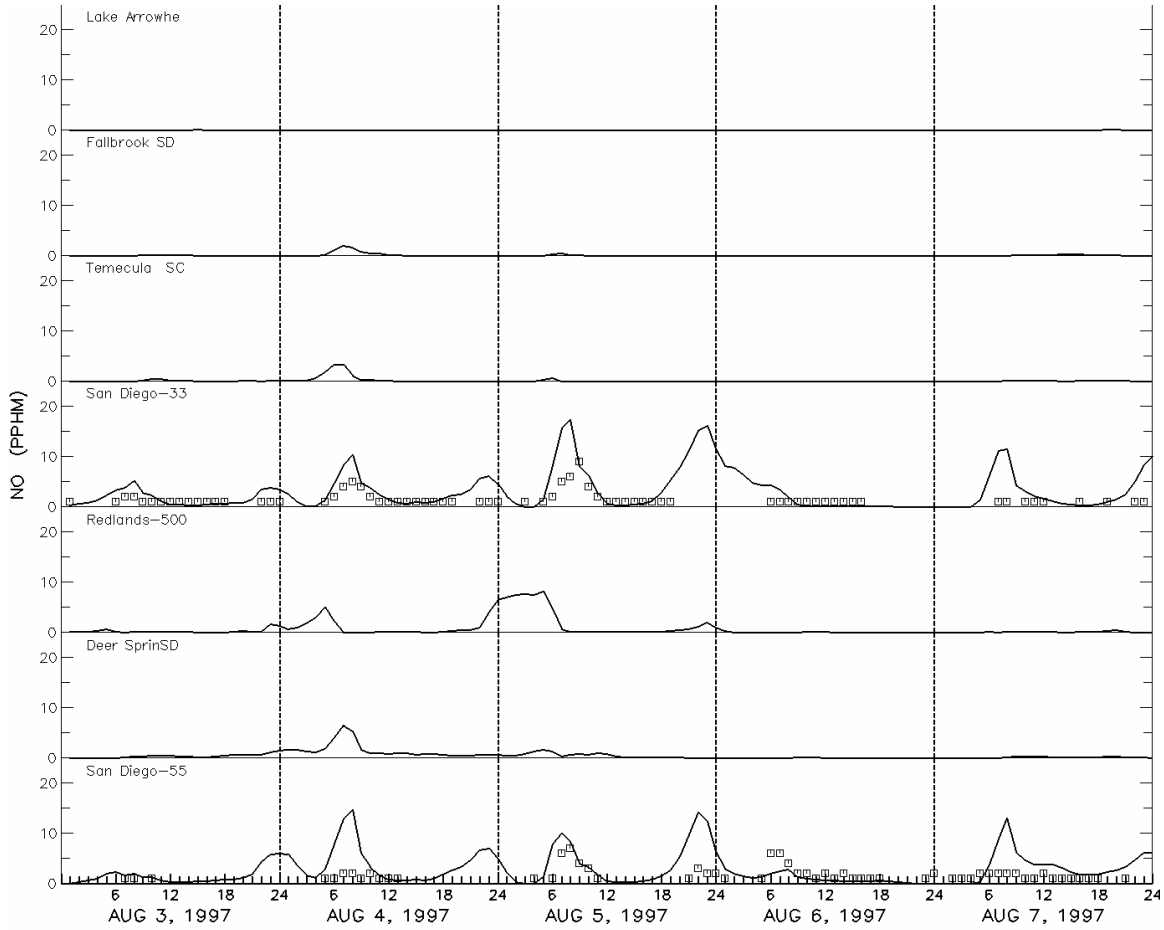


Figure A-20m

Comparison between simulated and measured NO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

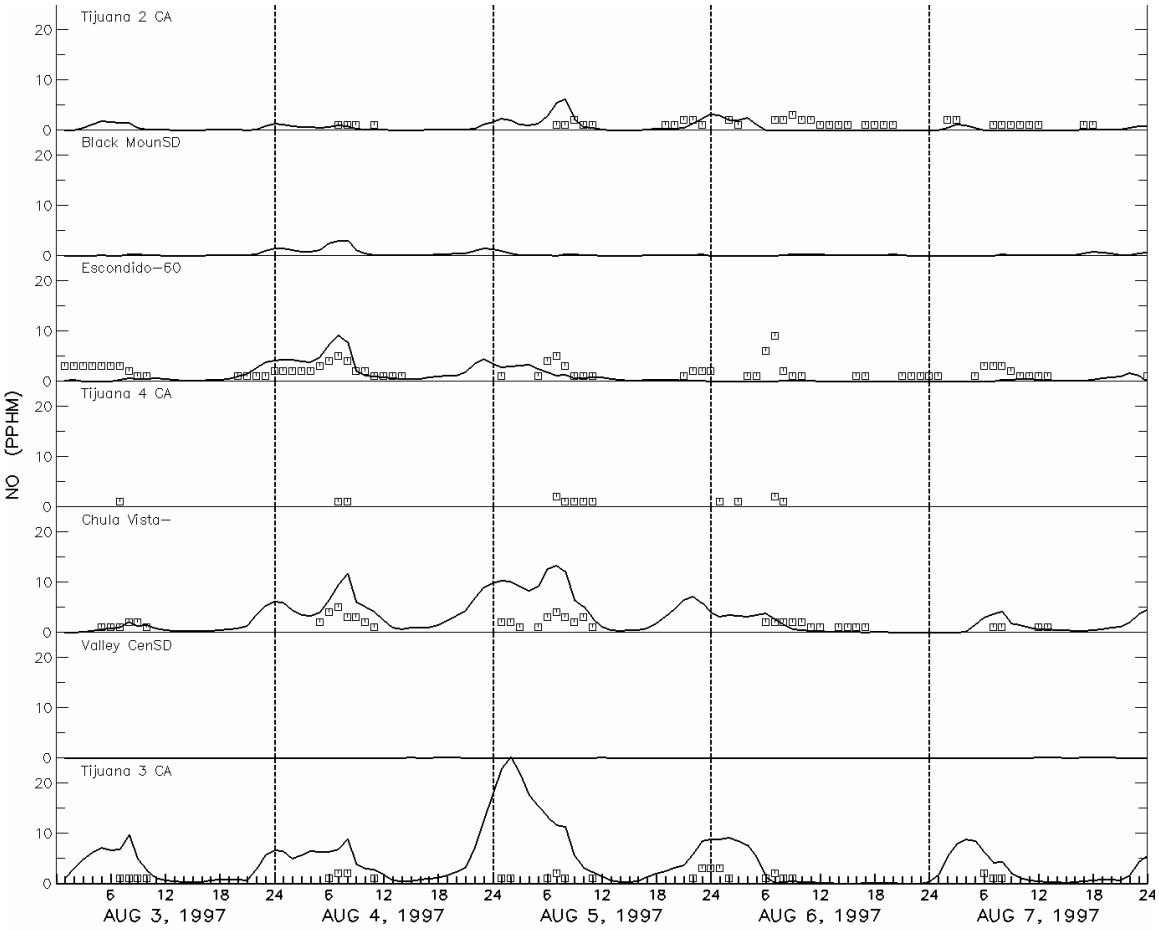


Figure A-20n

Comparison between simulated and measured NO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

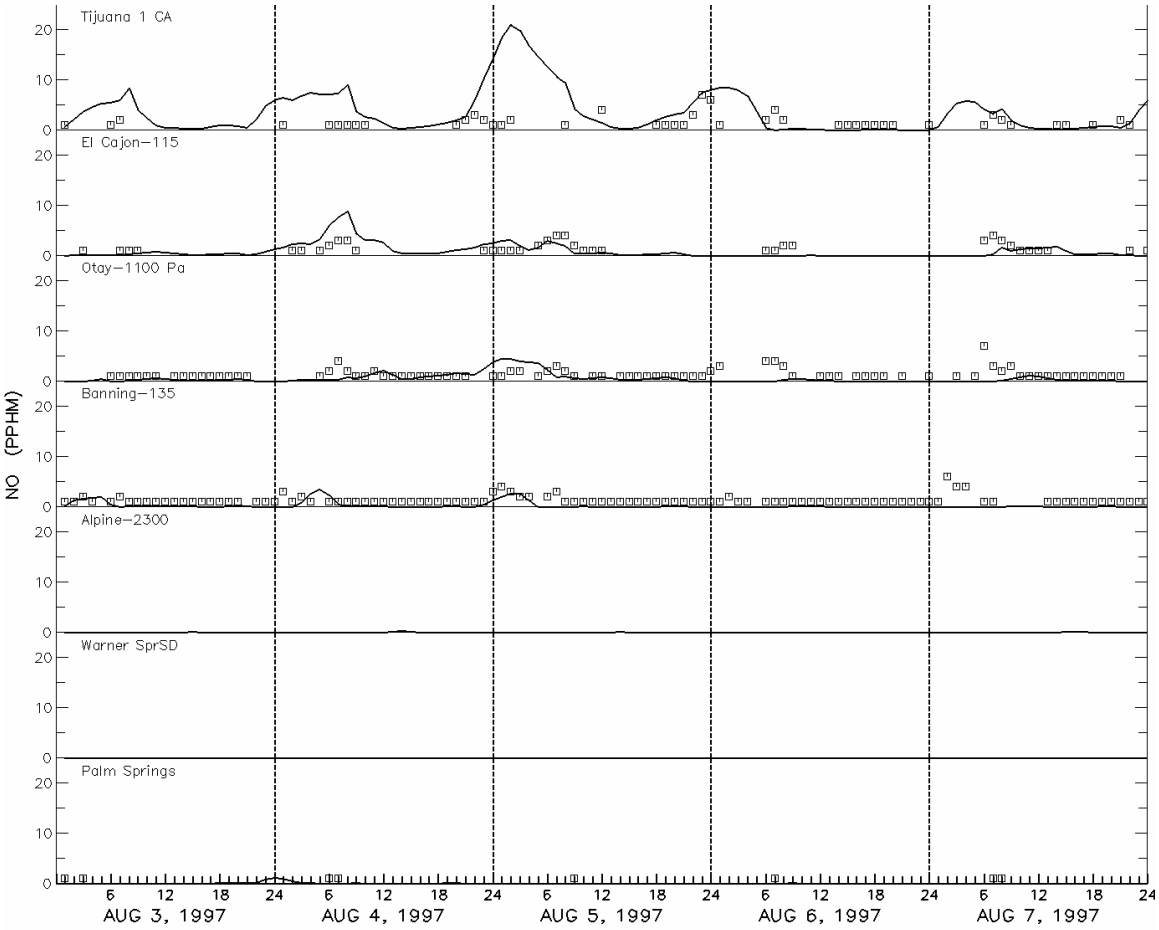


Figure A-20o

Comparison between simulated and measured NO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

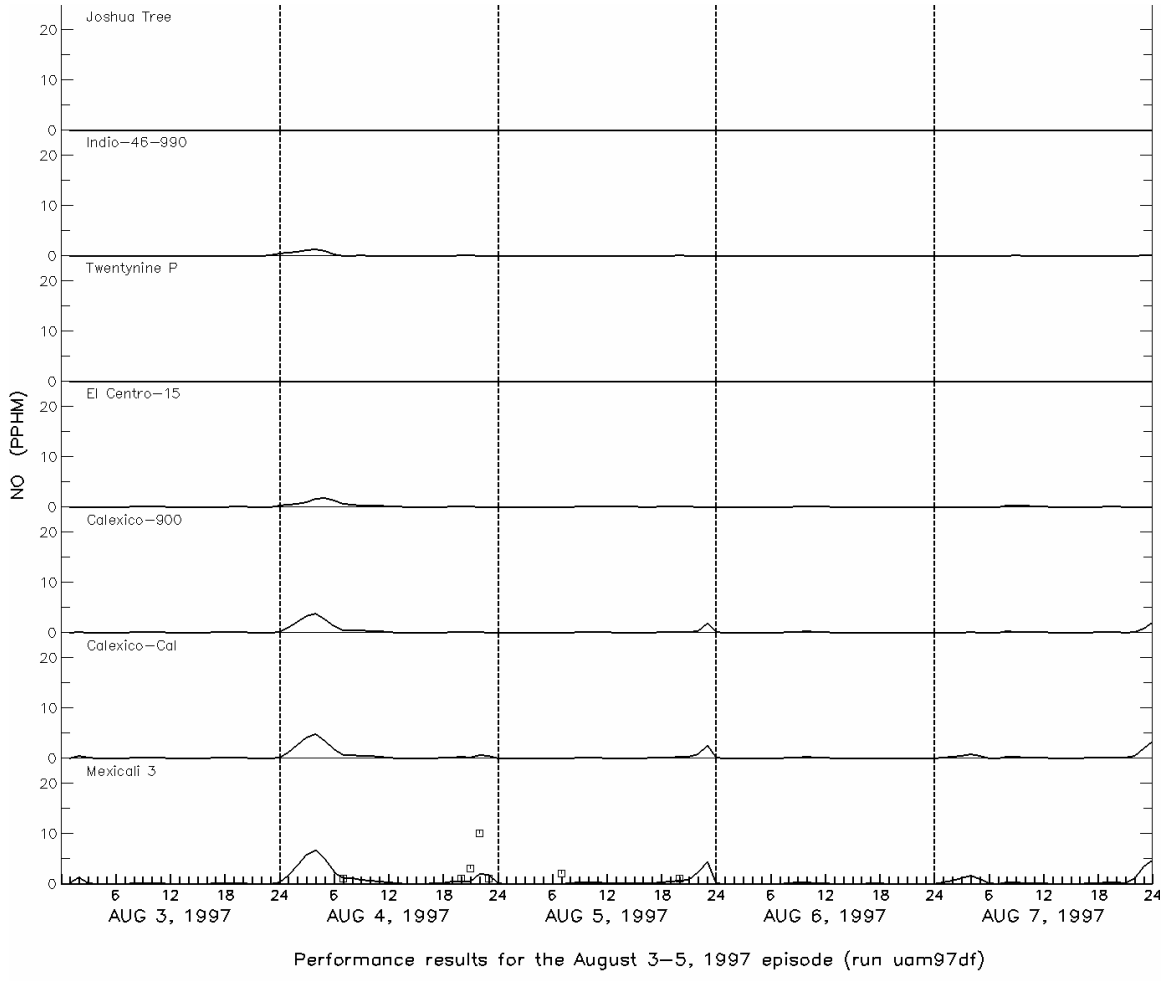


Figure A-20p

Comparison between simulated and measured NO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

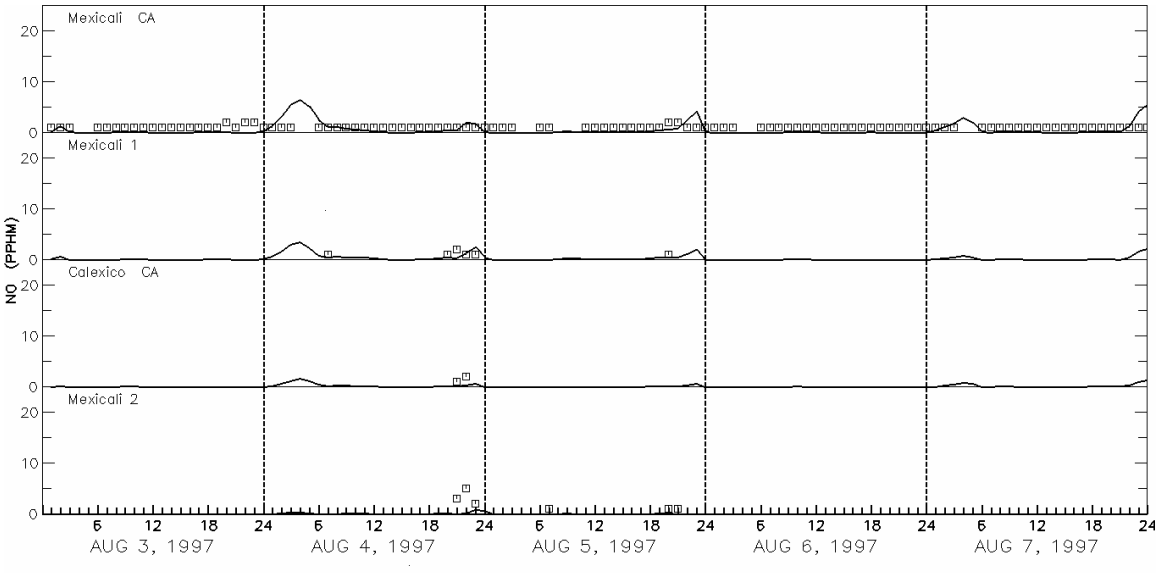


Figure A-20q

Comparison between simulated and measured NO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

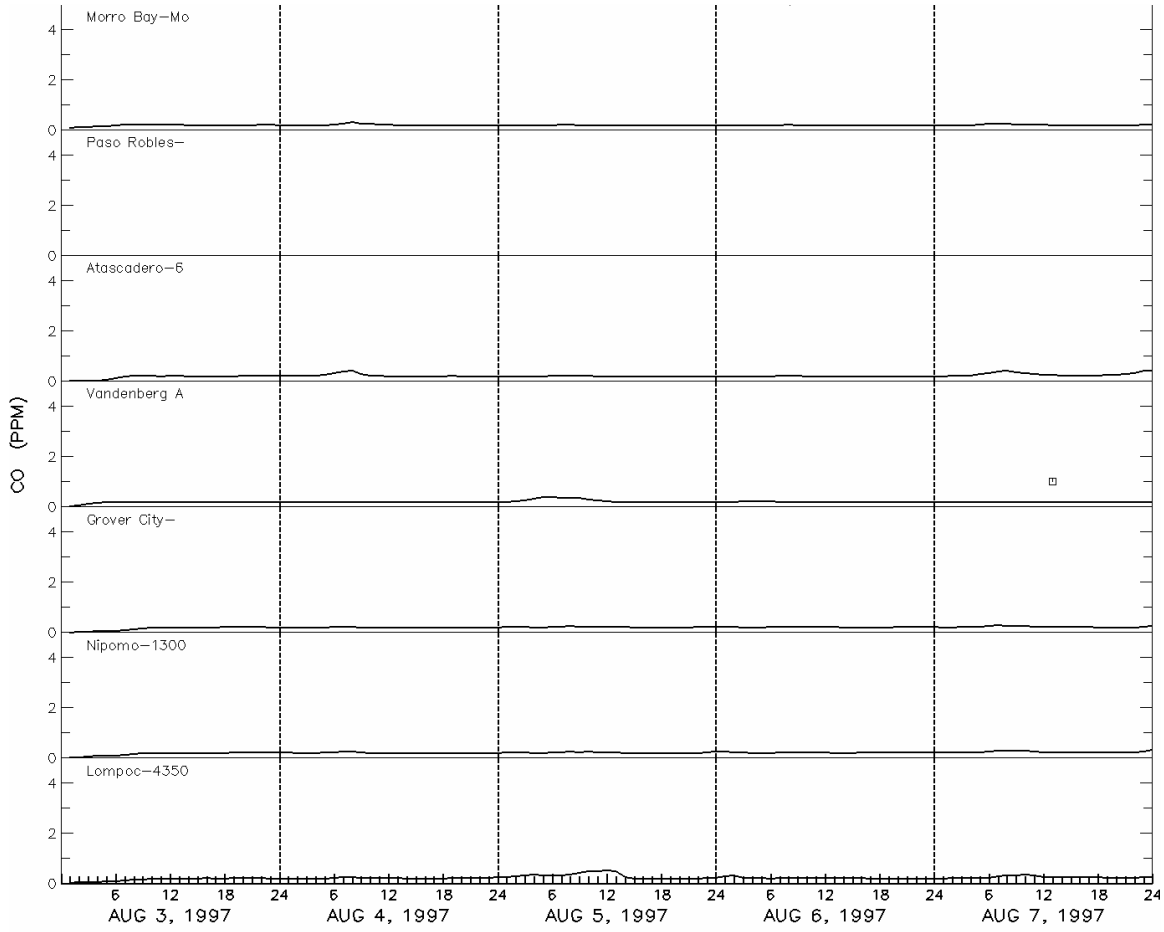


Figure A-21a

Comparison between simulated and measured CO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

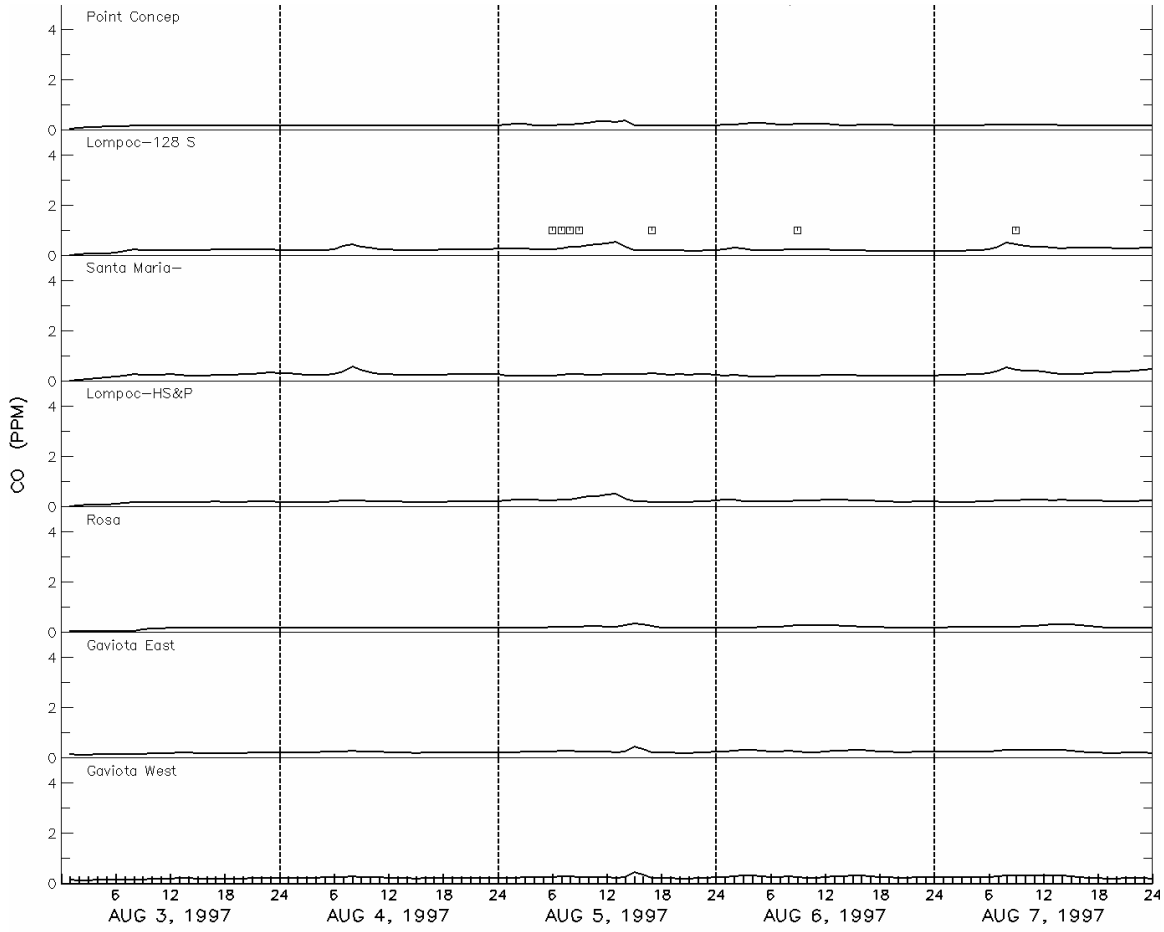


Figure A-21b

Comparison between simulated and measured CO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

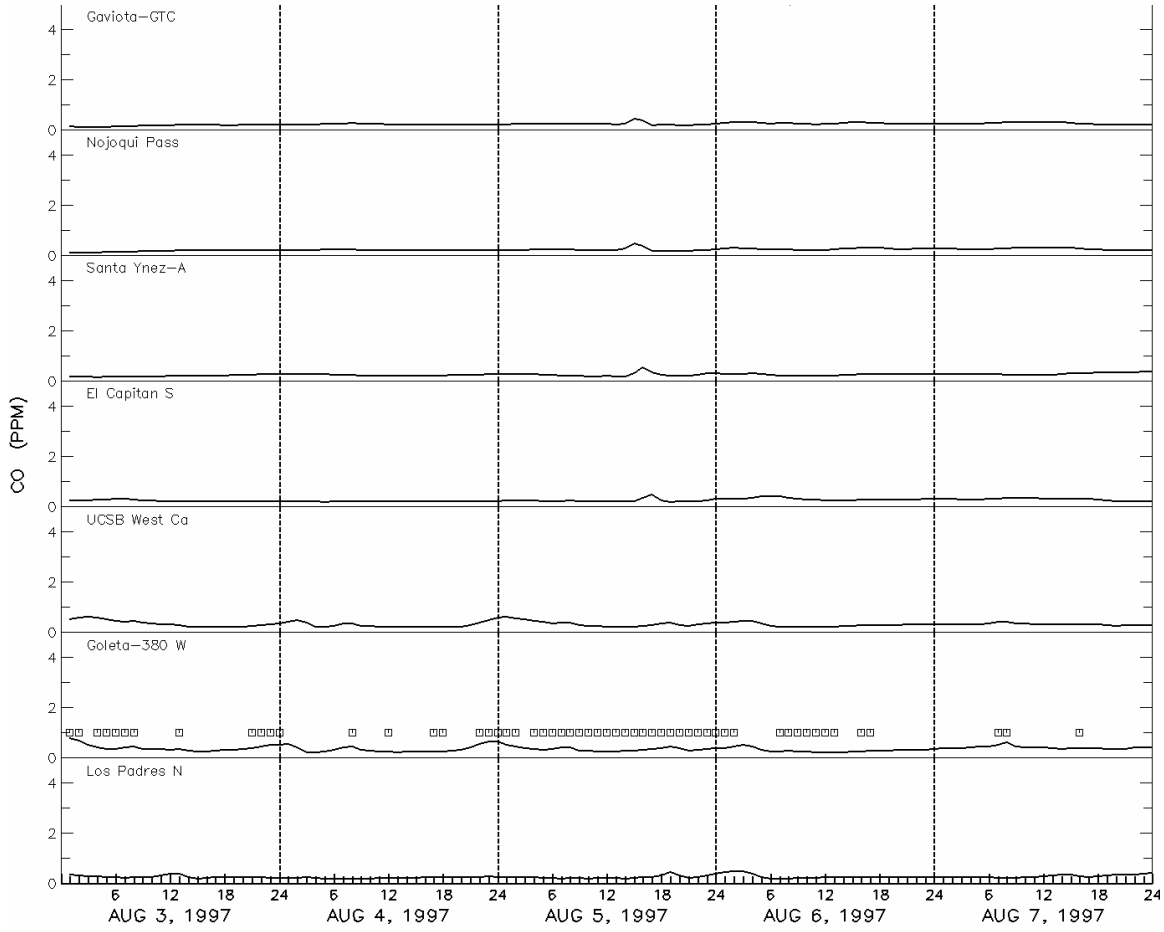


Figure A-21c

Comparison between simulated and measured CO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

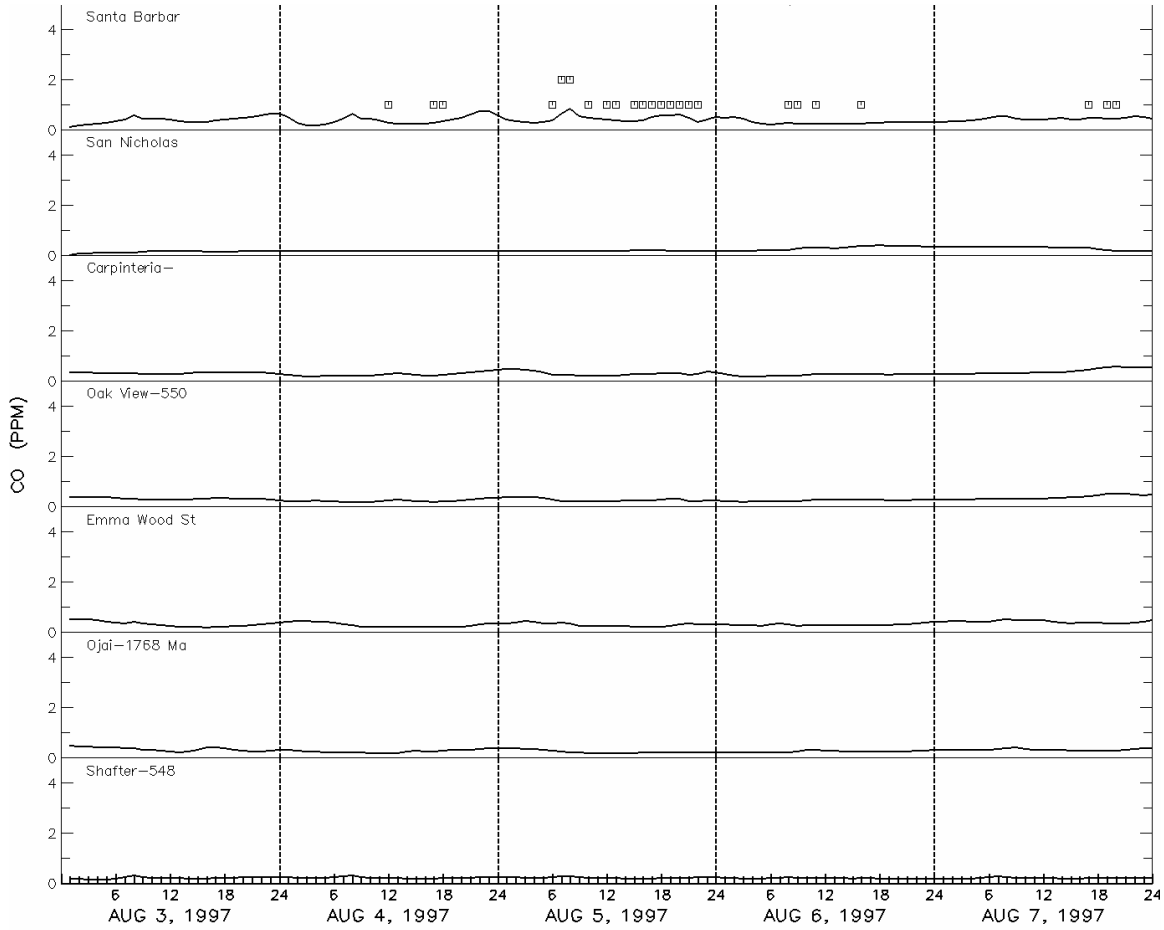


Figure A-21d

Comparison between simulated and measured CO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

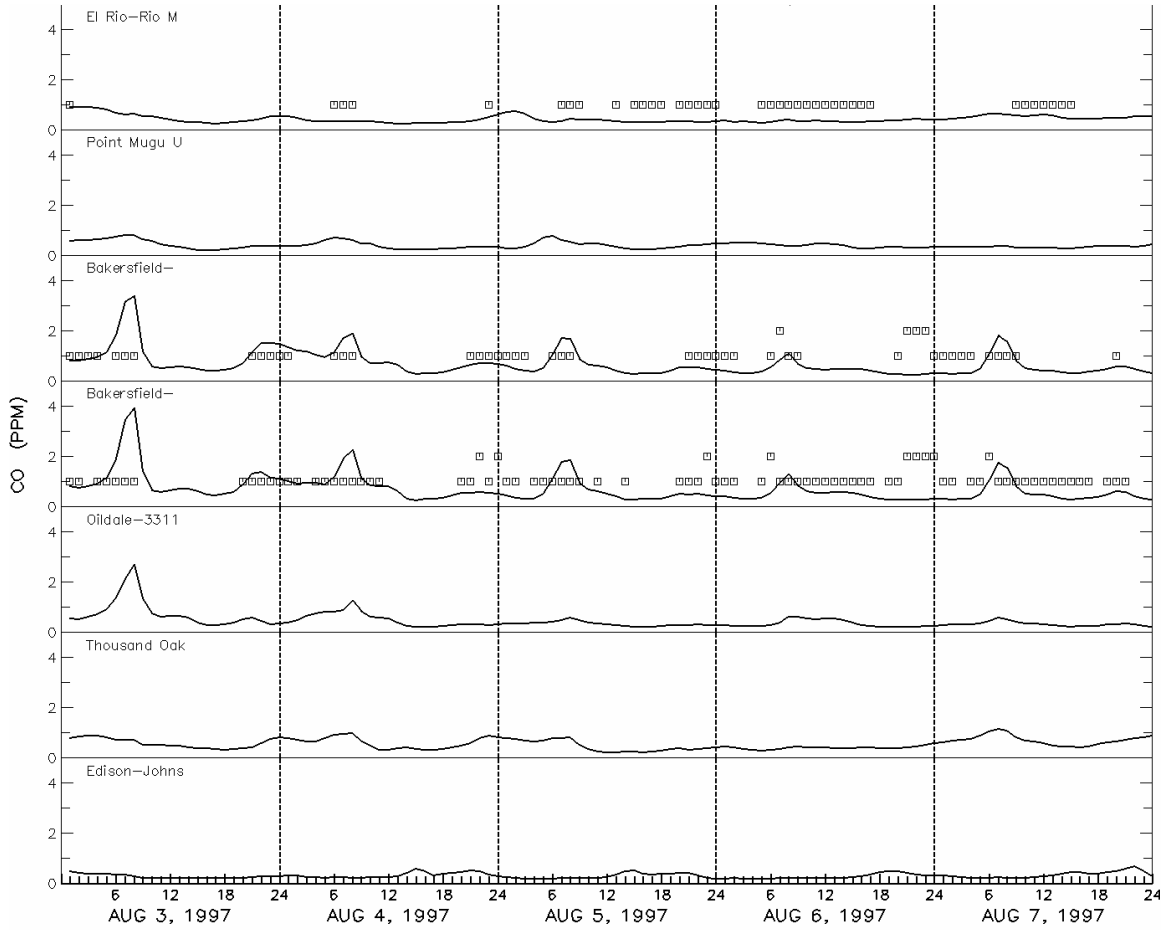


Figure A-21e

Comparison between simulated and measured CO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

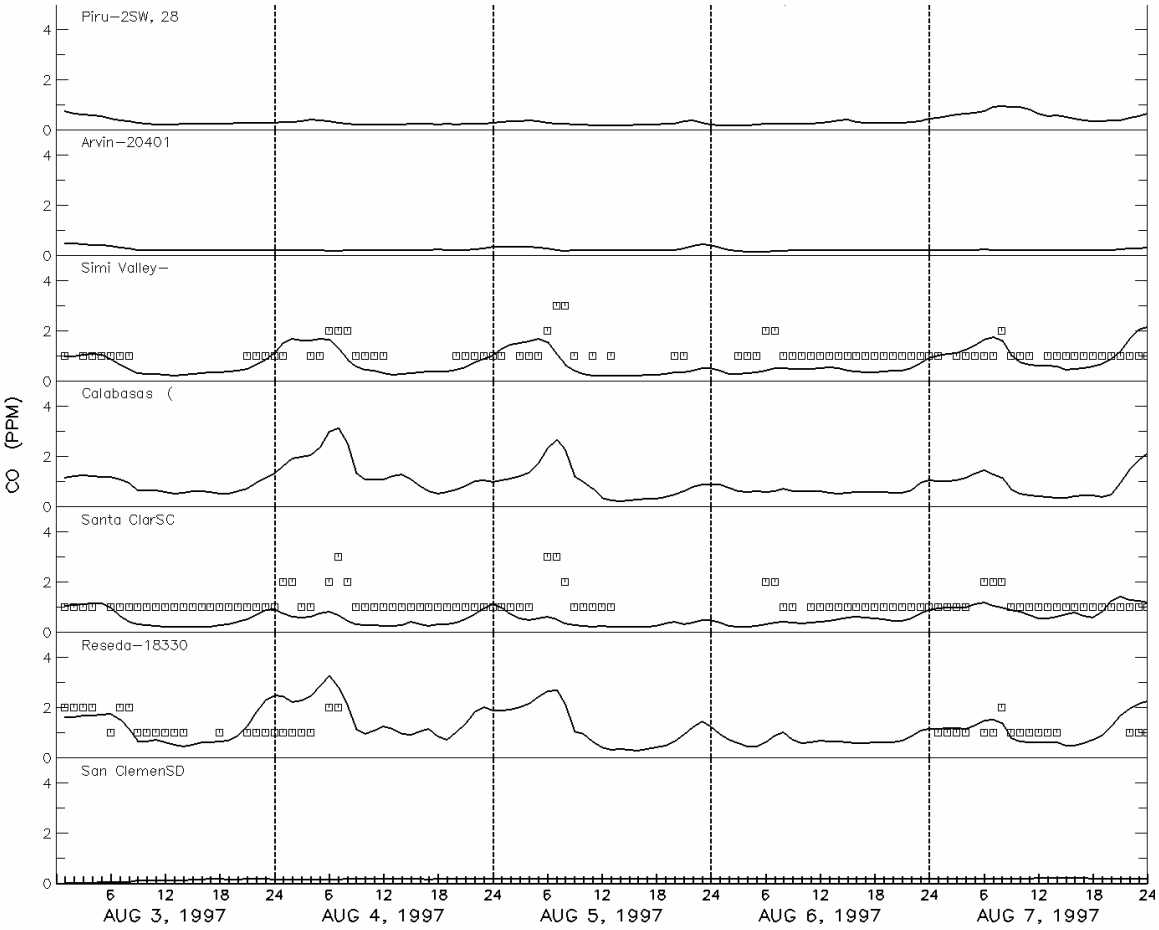


Figure A-21f

Comparison between simulated and measured CO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

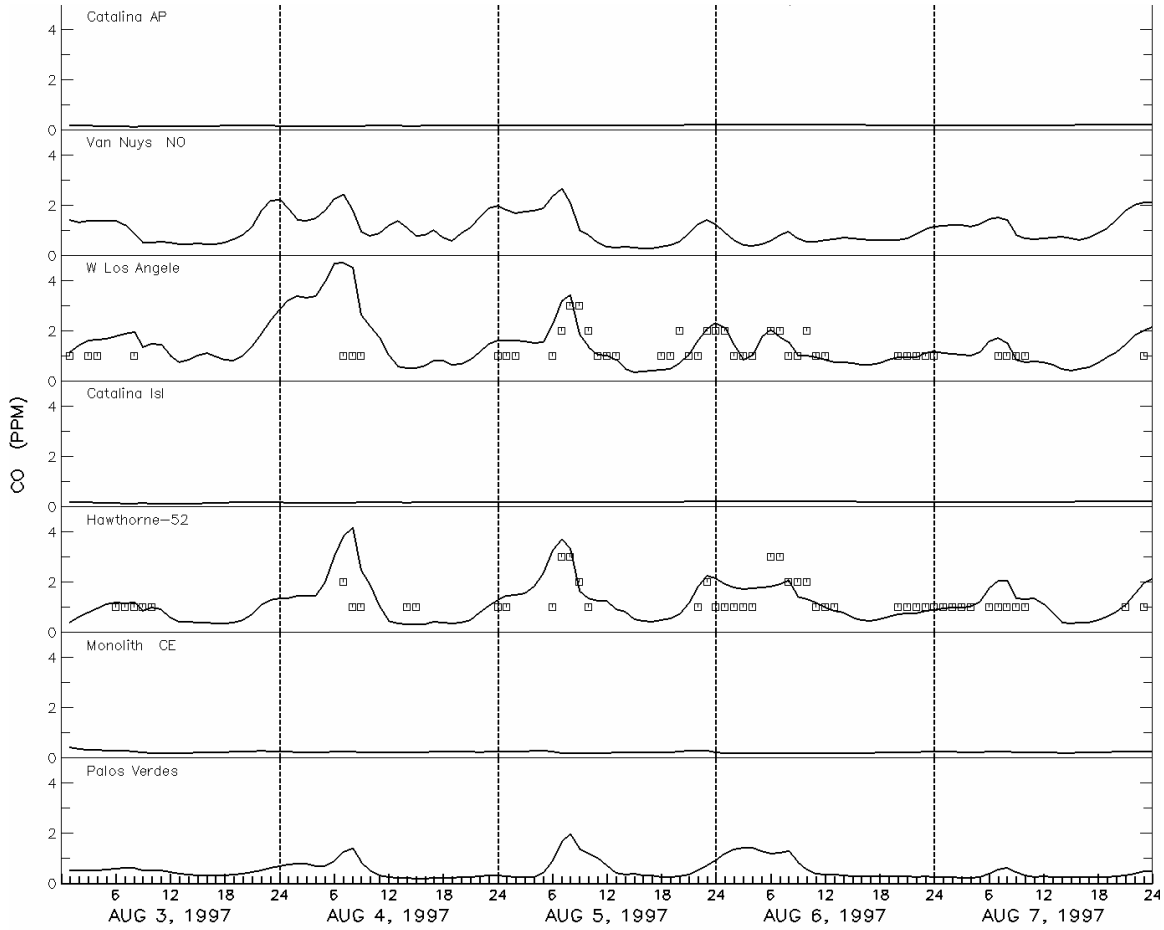


Figure A-21g

Comparison between simulated and measured CO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

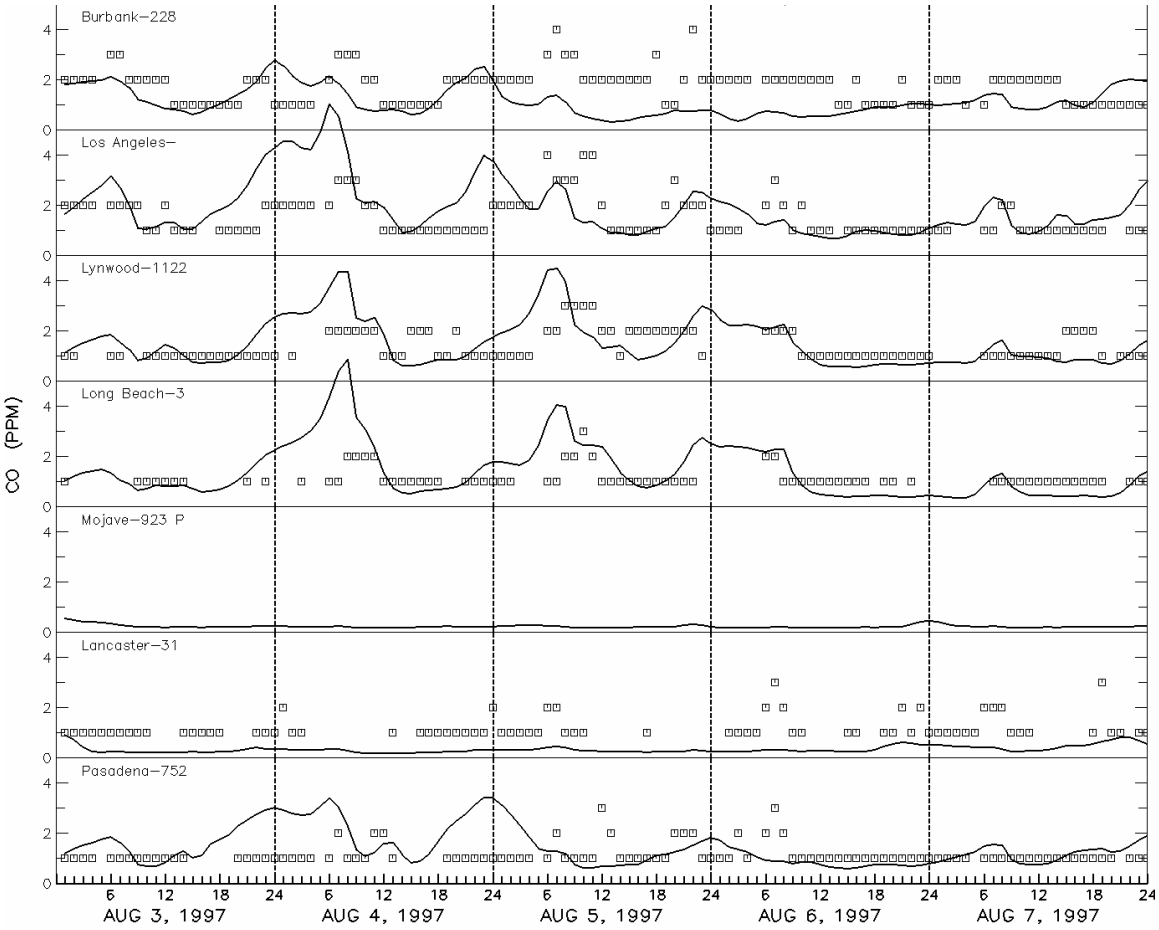


Figure A-21h

Comparison between simulated and measured CO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

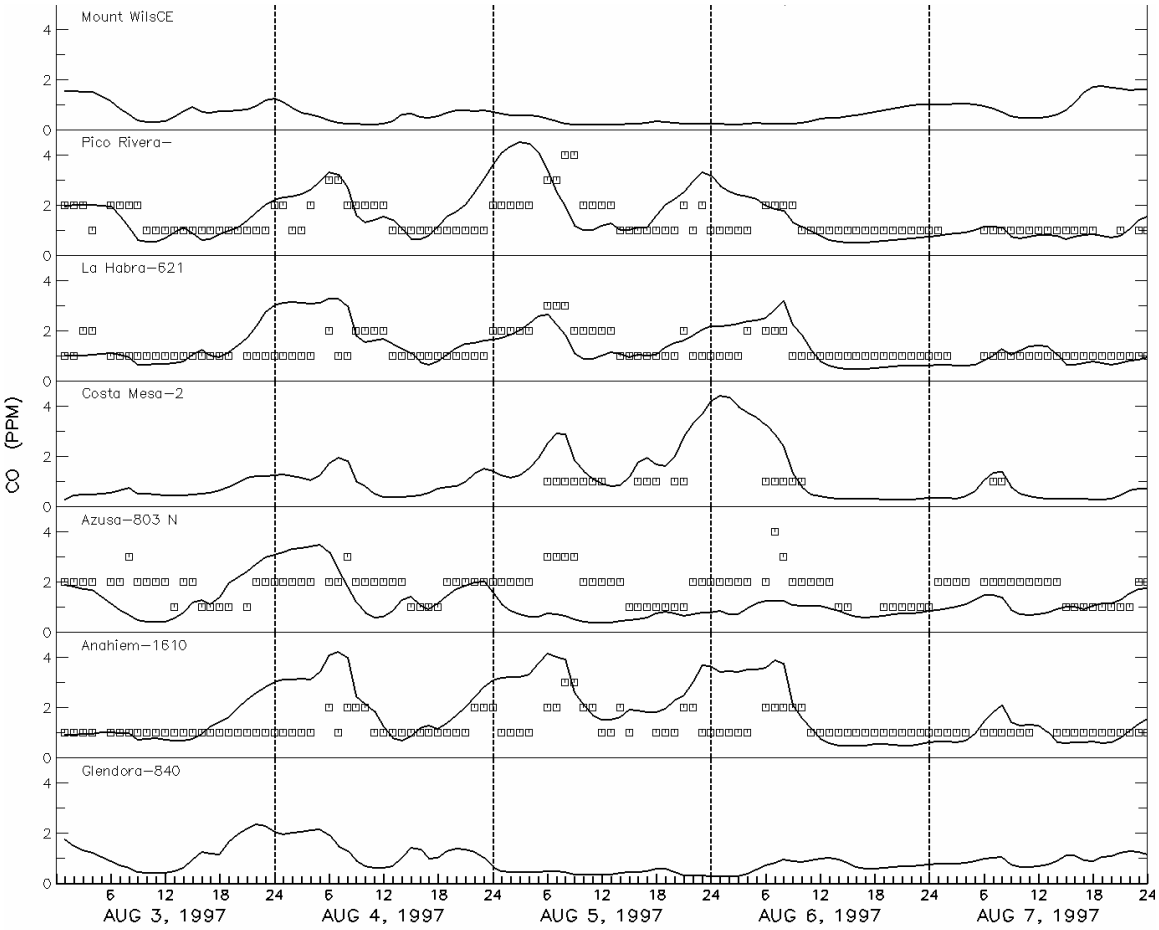


Figure A-21i

Comparison between simulated and measured CO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

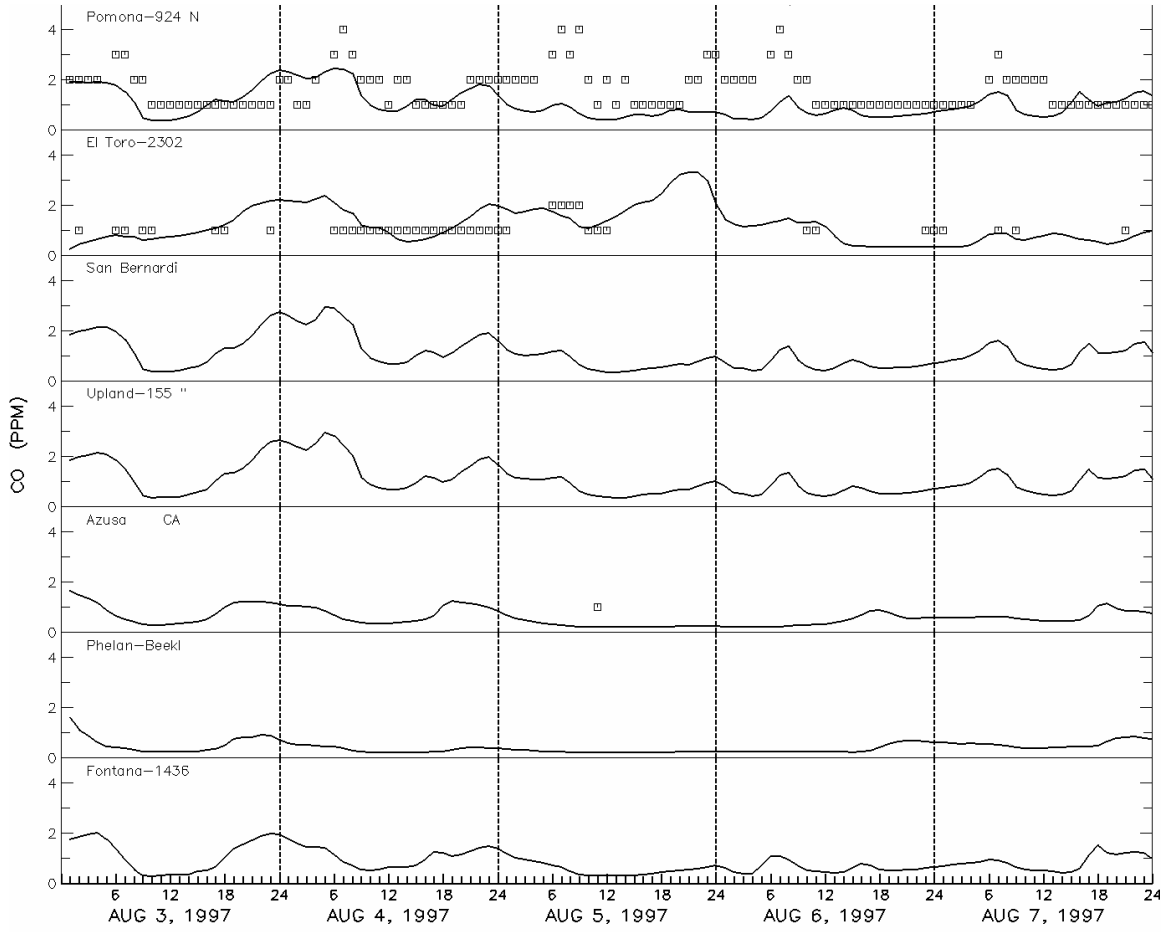


Figure A-21j

Comparison between simulated and measured CO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

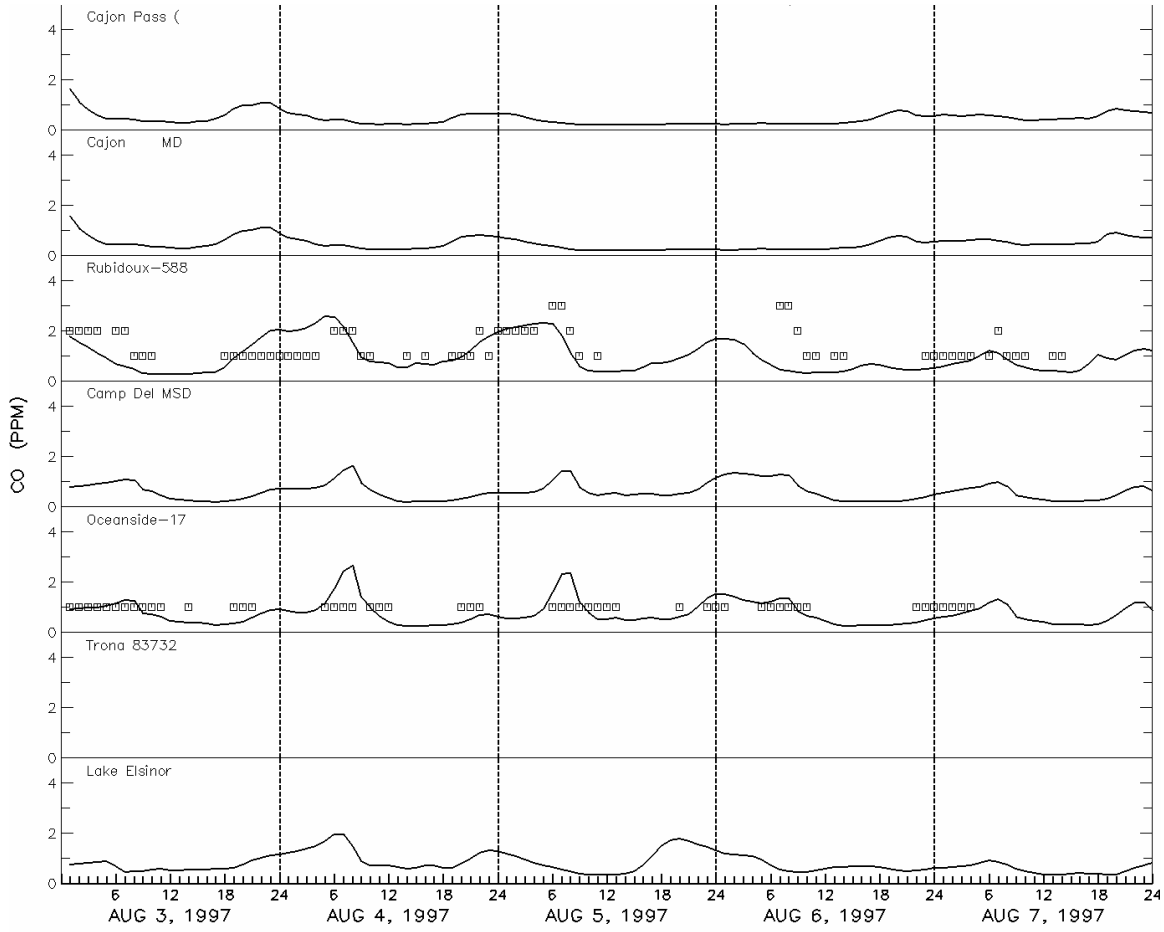


Figure A-21k

Comparison between simulated and measured CO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

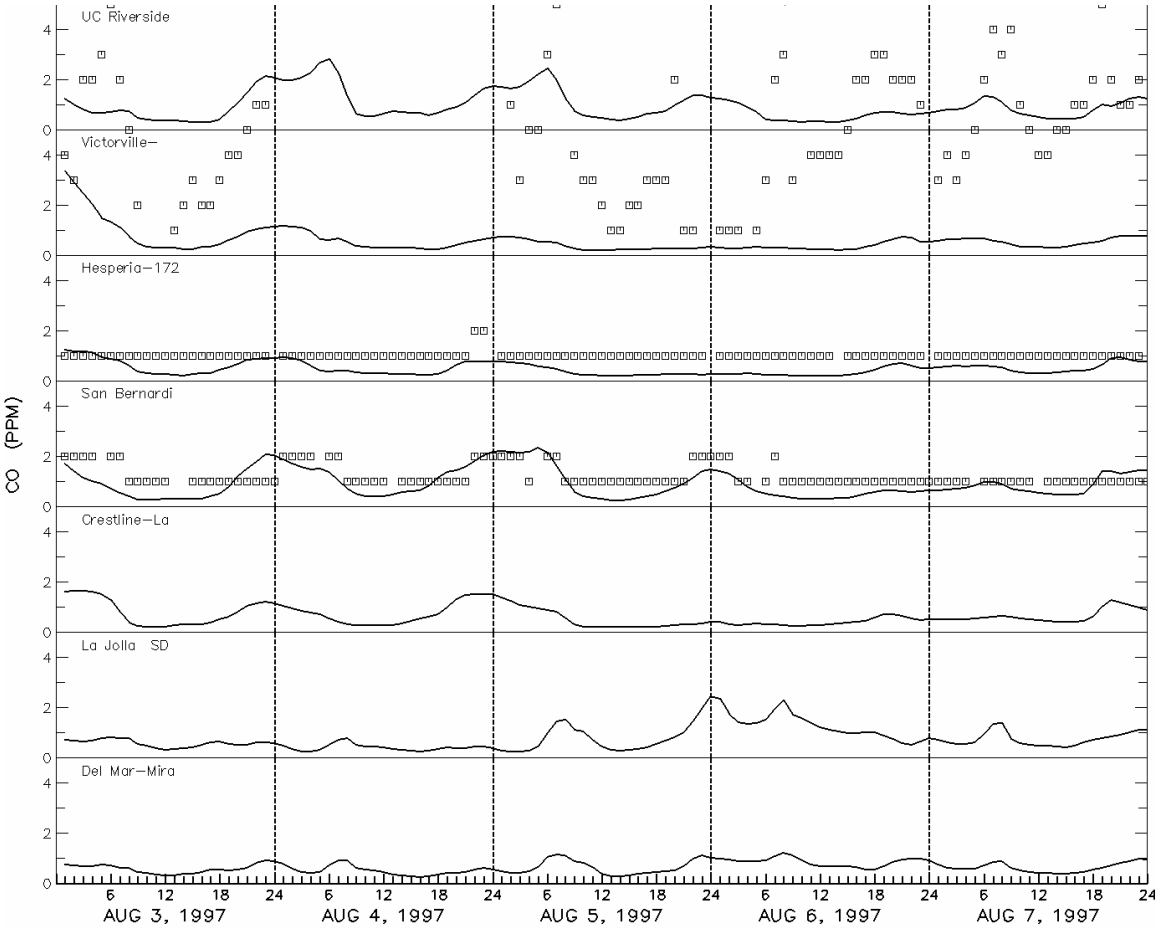


Figure A-21l

Comparison between simulated and measured CO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

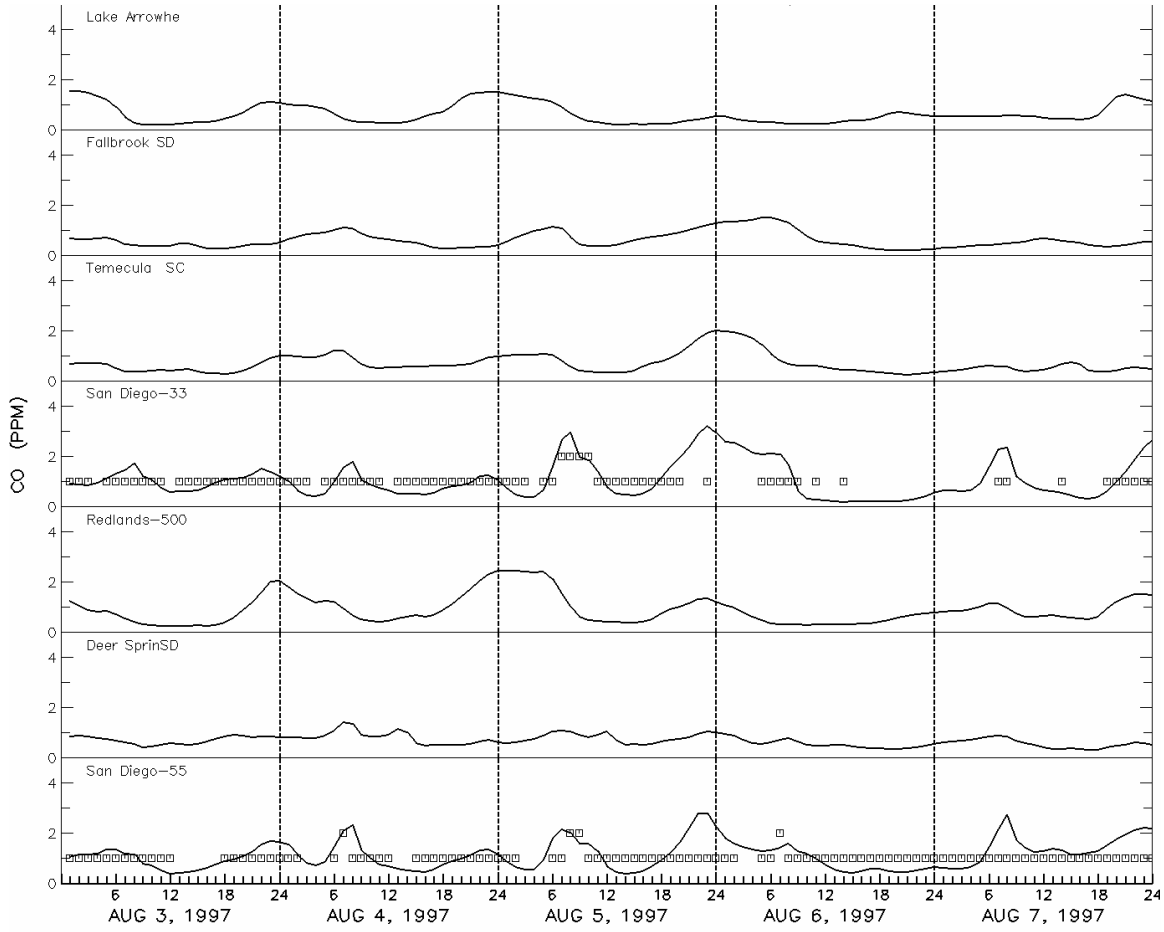


Figure A-21m

Comparison between simulated and measured CO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

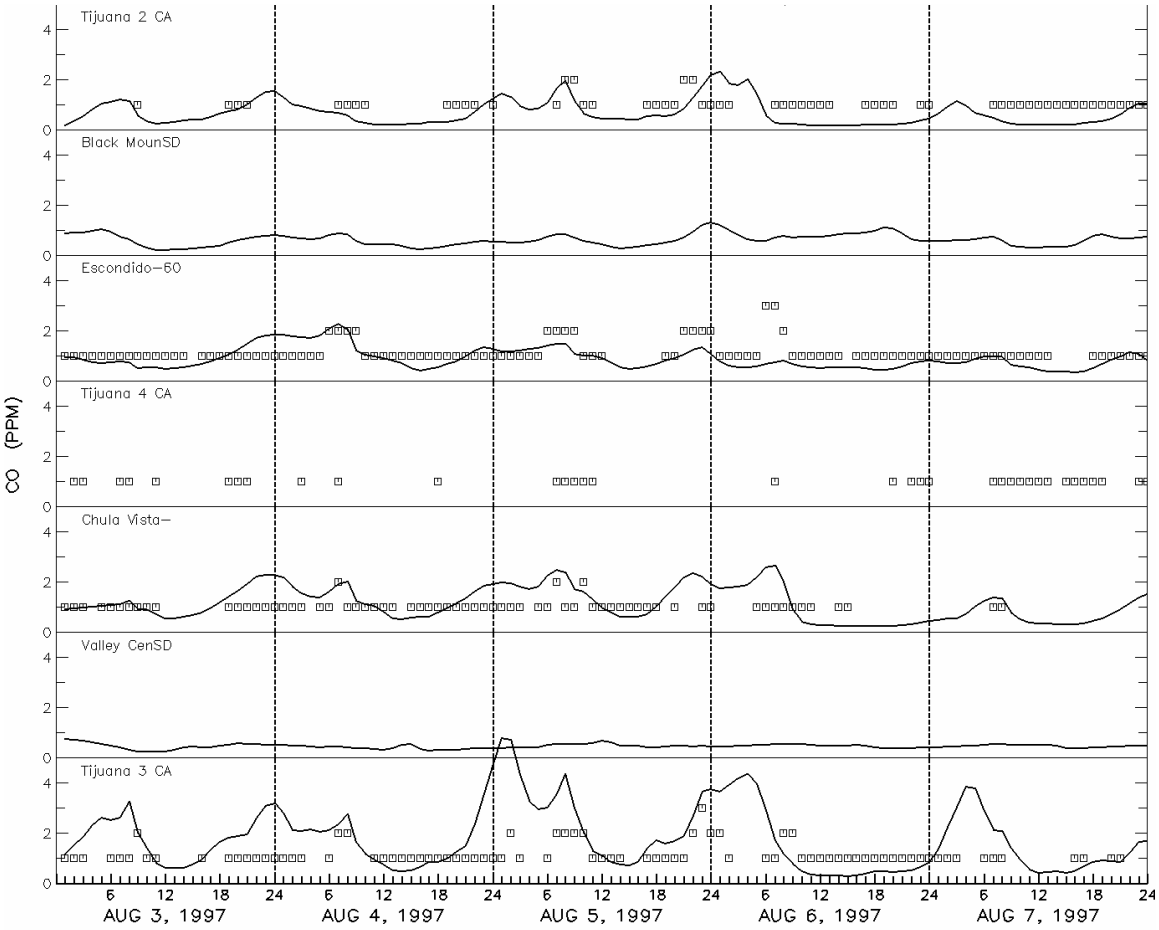


Figure A-21n

Comparison between simulated and measured CO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

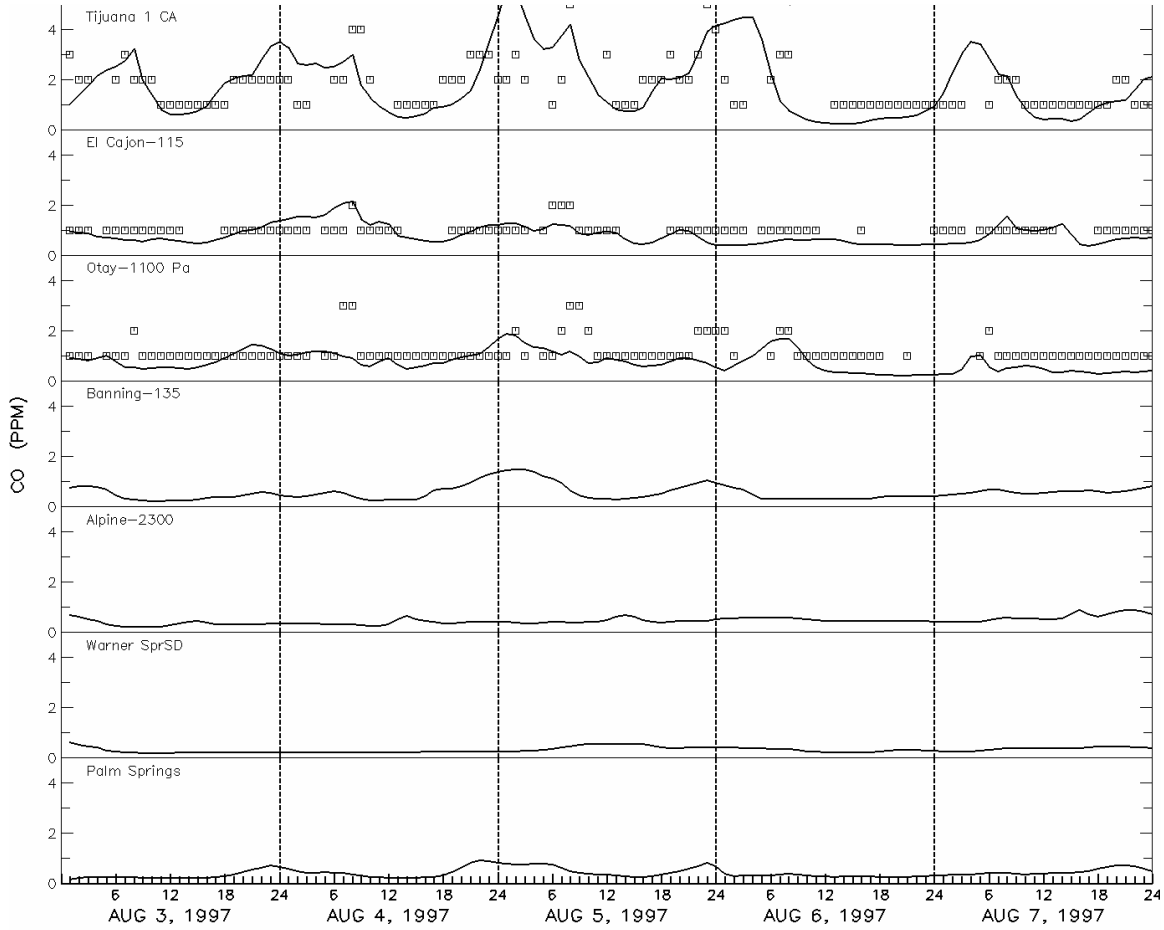


Figure A-21o

Comparison between simulated and measured CO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

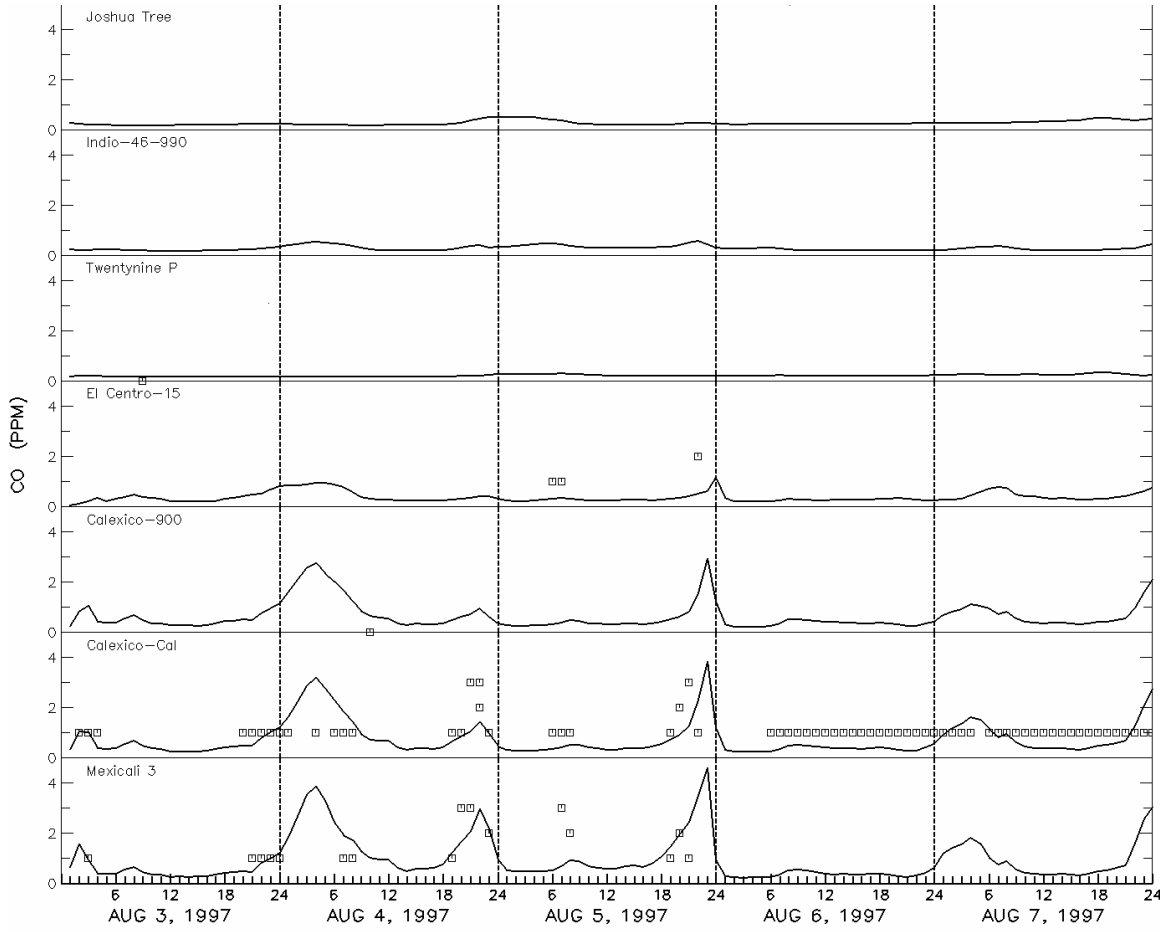


Figure A-21p

Comparison between simulated and measured CO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

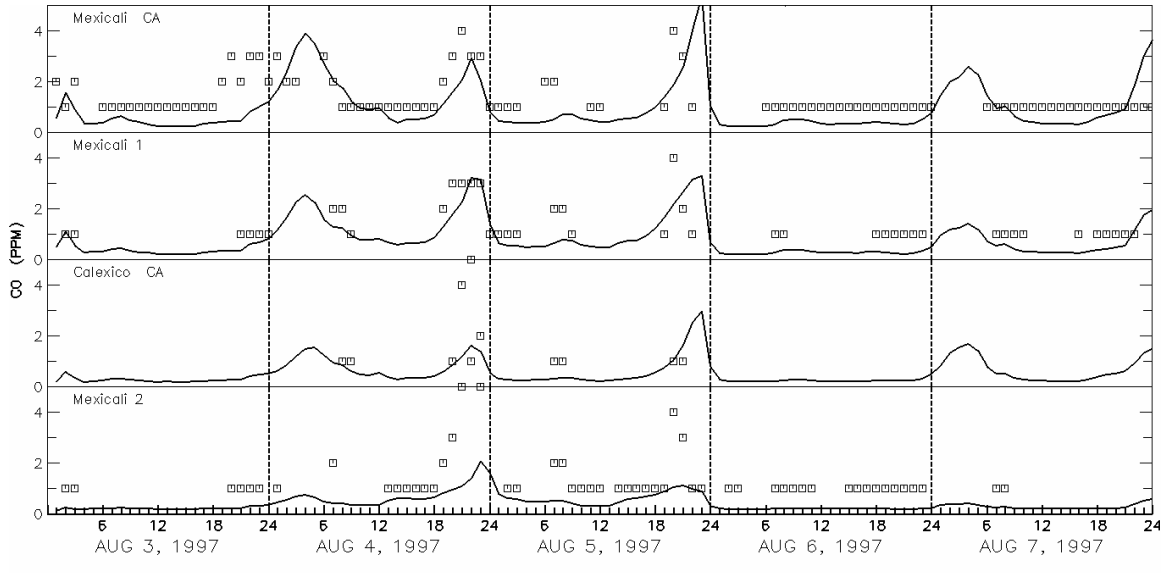


Figure A-21q

Comparison between simulated and measured CO concentrations (pphm) at air quality monitoring stations in the SCOS97 study domain for August 3-7, 1997.

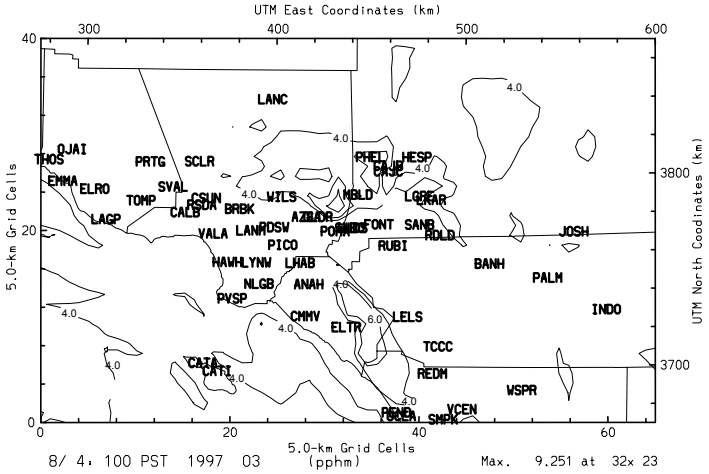


Figure A-22a
Layer-1 predicted ozone (pphm) 100 PST, August 4, 1997.

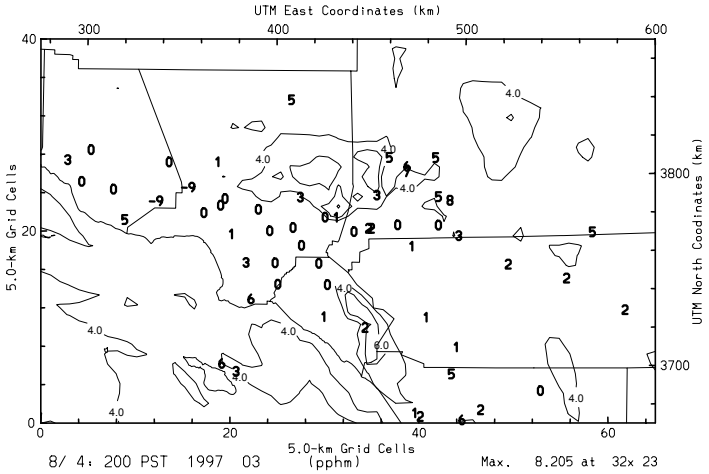


Figure A-22b
Layer-1 predicted ozone (pphm) 200 PST, August 4, 1997.

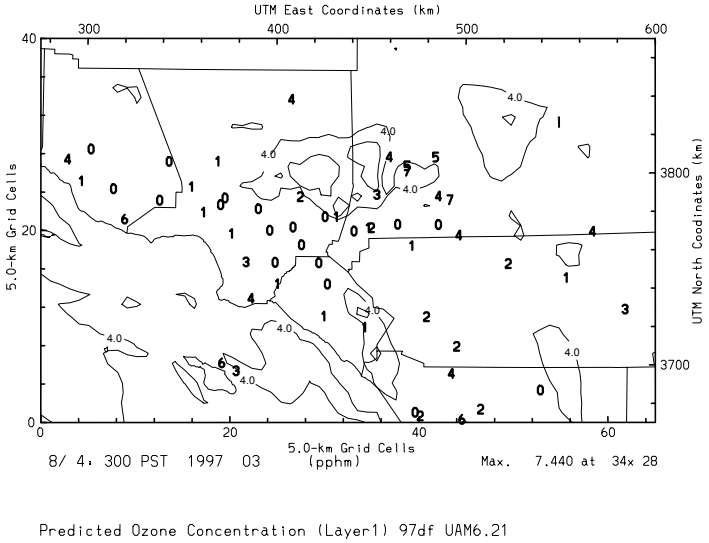


Figure A-22c
Layer-1 predicted ozone (pphm) 300 PST, August 4, 1997.

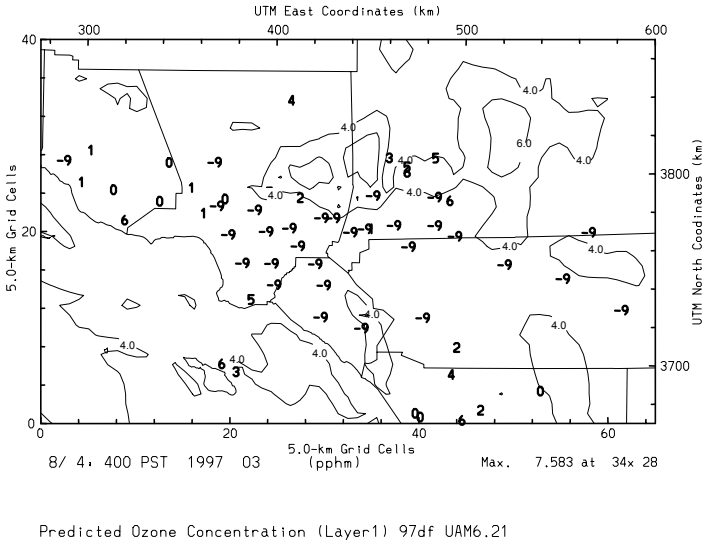


Figure A-22d
Layer-1 predicted ozone (pphm) 400 PST, August 4, 1997.

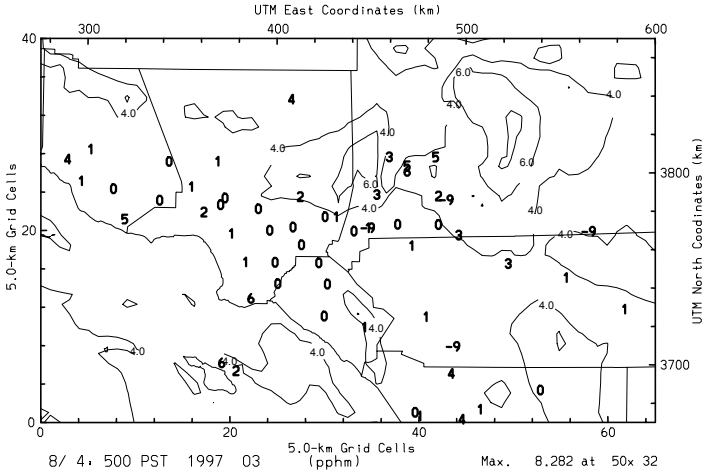


Figure A-22e
Layer-1 predicted ozone (pphm) 500 PST, August 4, 1997.

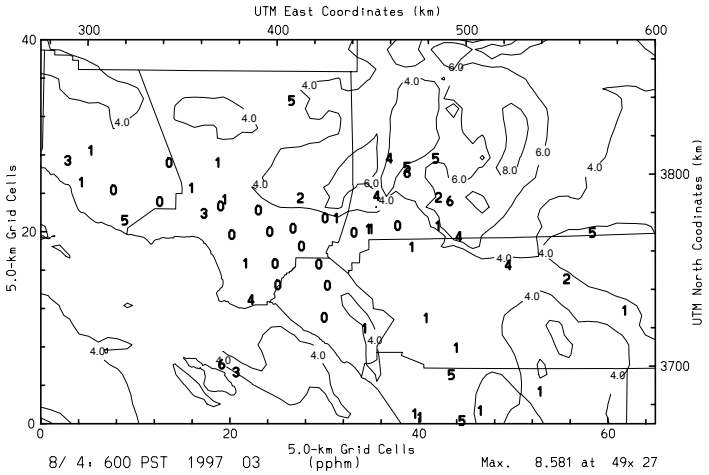


Figure A-22f
Layer-1 predicted ozone (pphm) 600 PST, August 4, 1997.

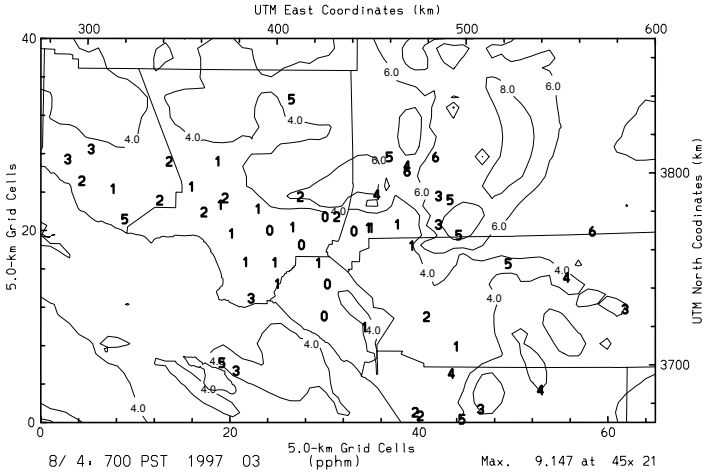


Figure A-22g
Layer-1 predicted ozone (pphm) 700 PST, August 4, 1997.

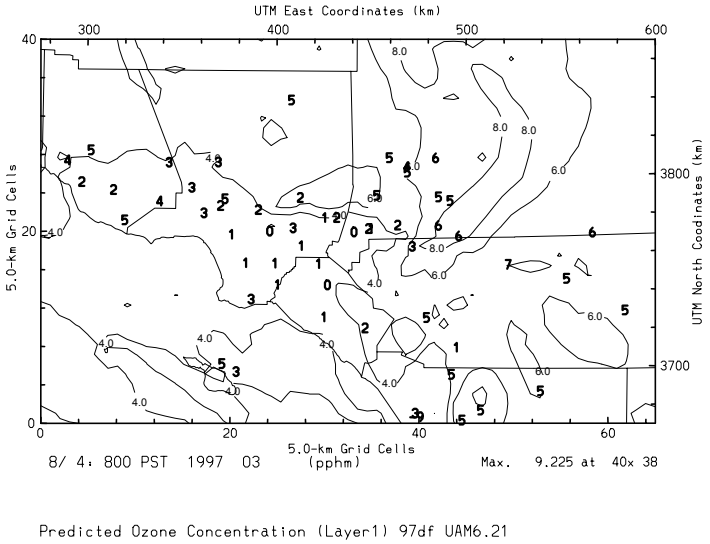


Figure A-22h
Layer-1 predicted ozone (pphm) 800 PST, August 4, 1997.

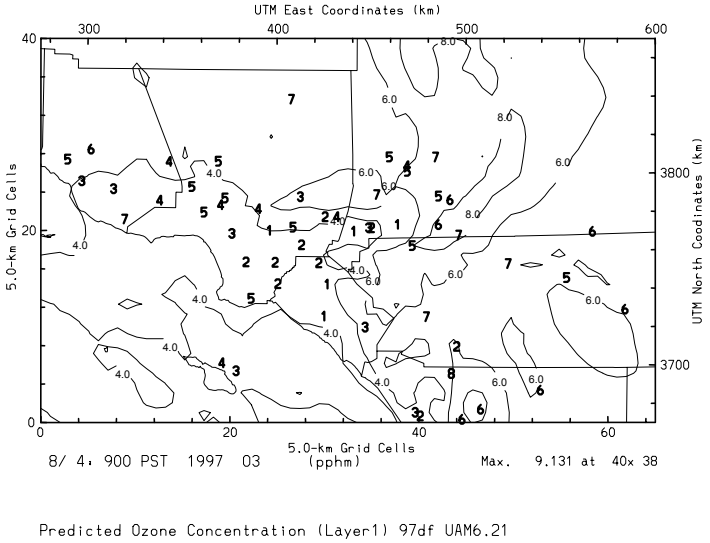


Figure A-22i
Layer-1 predicted ozone (pphm) 900 PST, August 4, 1997.

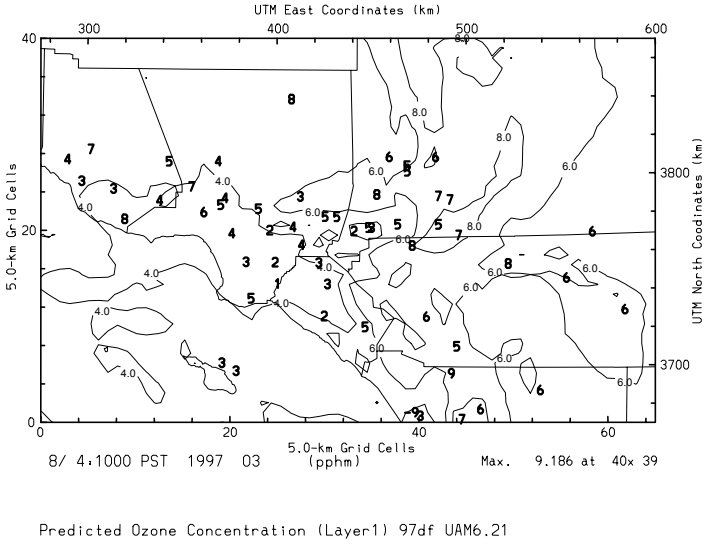


Figure A-22j
Layer-1 predicted ozone (pphm) 1000 PST, August 4, 1997.

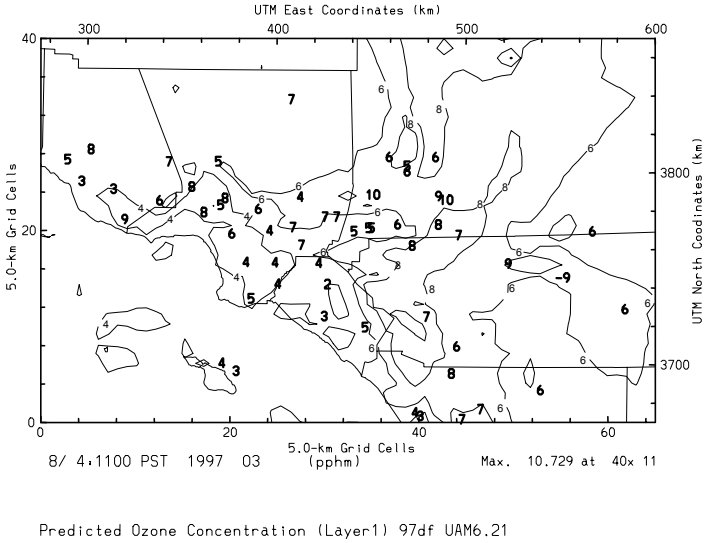


Figure A-22k
Layer-1 predicted ozone (pphm) 1100 PST, August 4, 1997.

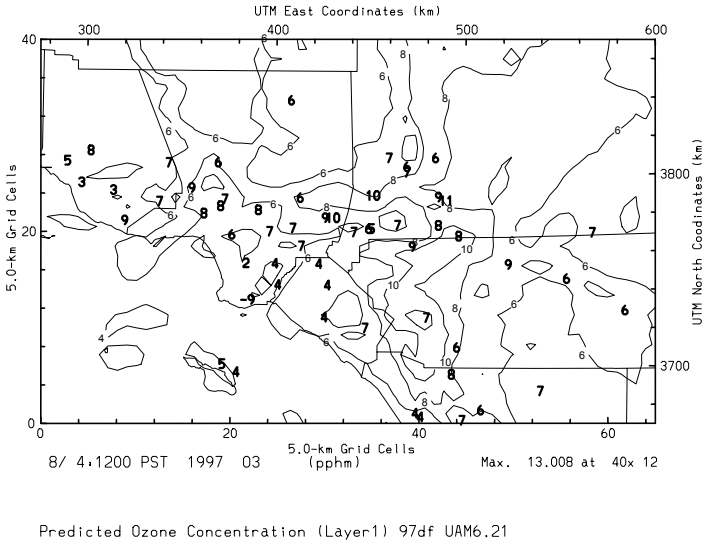


Figure A-22l
Layer-1 predicted ozone (pphm) 1200 PST, August 4, 1997.

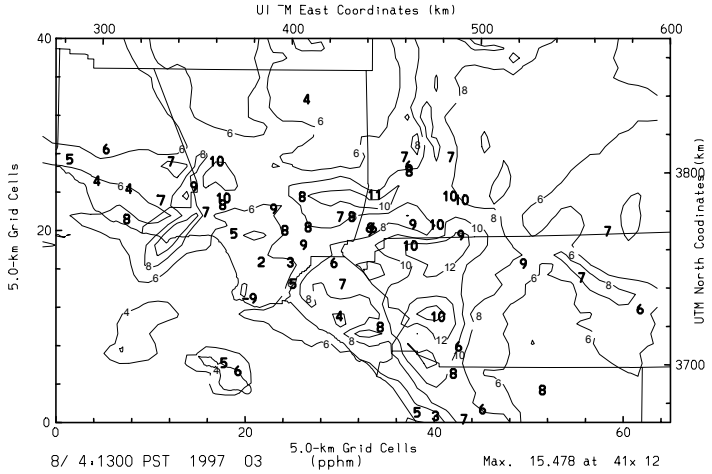


Figure A-22m
Layer-1 predicted ozone (pphm) 1300 PST, August 4, 1997.

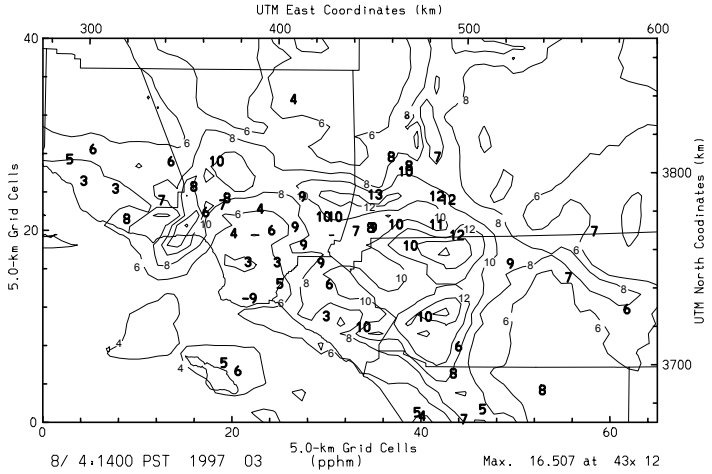


Figure A-22n
Layer-1 predicted ozone (pphm) 1400 PST, August 4, 1997.

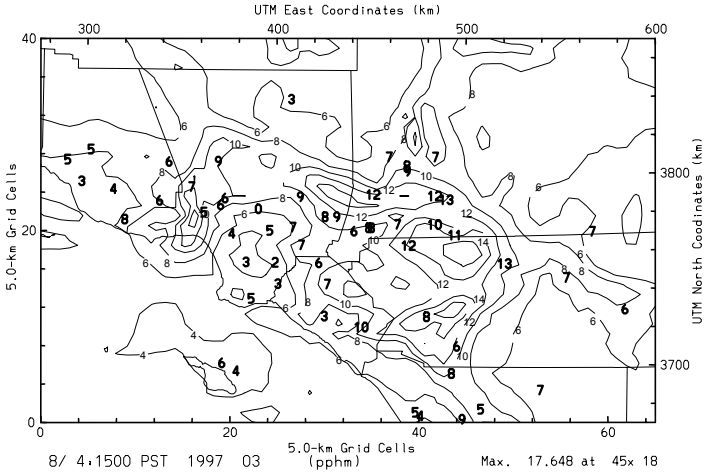


Figure A-22o
Layer-1 predicted ozone (pphm) 1500 PST, August 4, 1997.

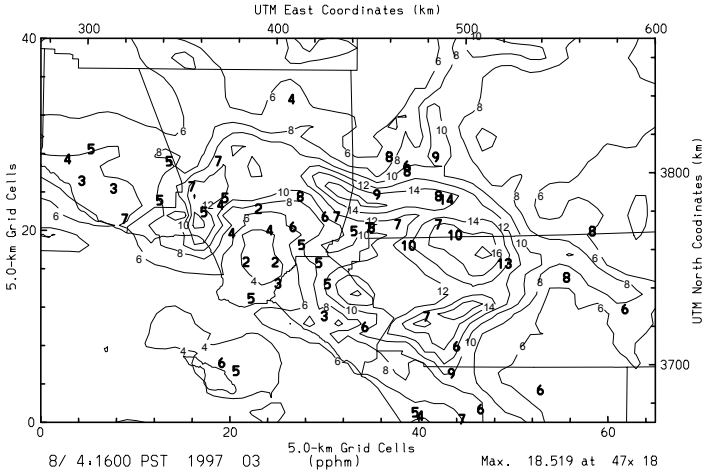


Figure A-22p
Layer-1 predicted ozone (pphm) 1600 PST, August 4, 1997.

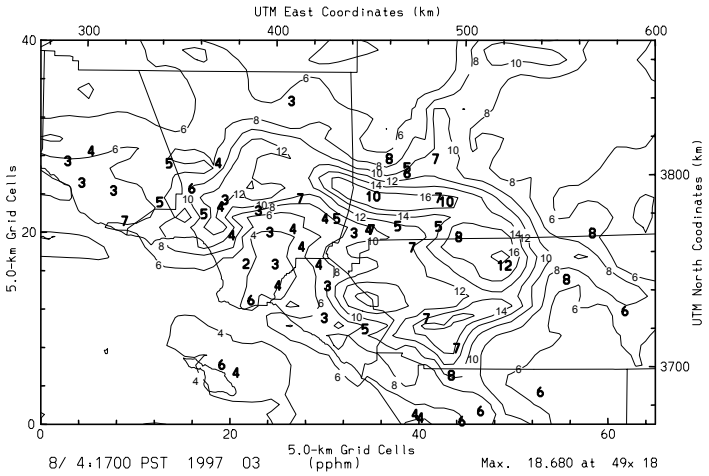


Figure A-22q
Layer-1 predicted ozone (pphm) 1700 PST, August 4, 1997.

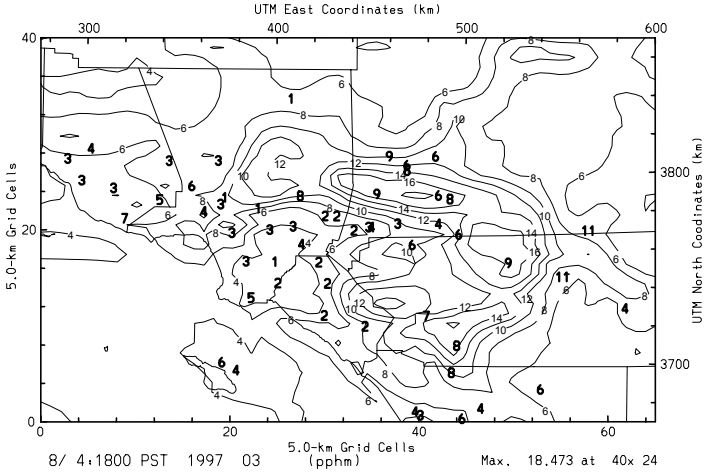


Figure A-22r
Layer-1 predicted ozone (pphm) 1800 PST, August 4, 1997.

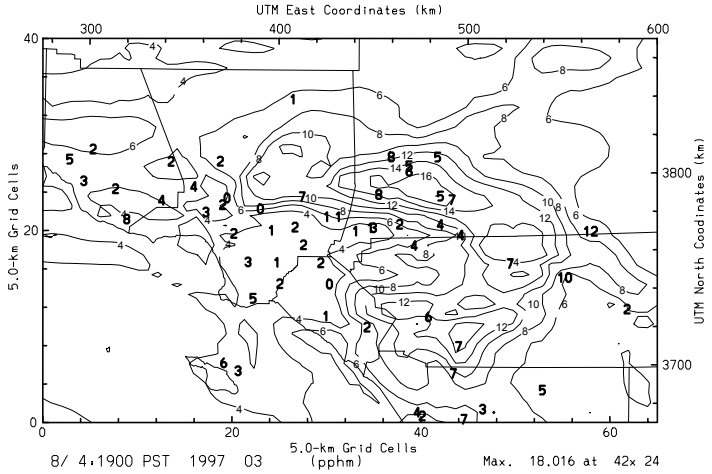


Figure A-22s
Layer-1 predicted ozone (pphm) 1900 PST, August 4, 1997.

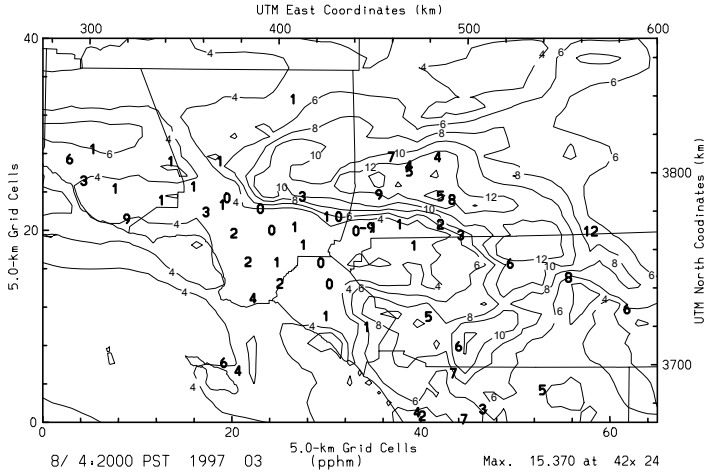


Figure A-22t
Layer-1 predicted ozone (pphm) 2000 PST, August 4, 1997.

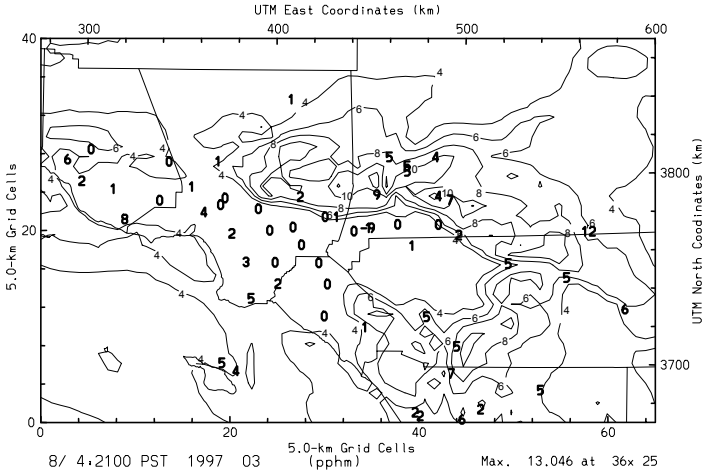


Figure A-22u
Layer-1 predicted ozone (pphm) 2100 PST, August 4, 1997.

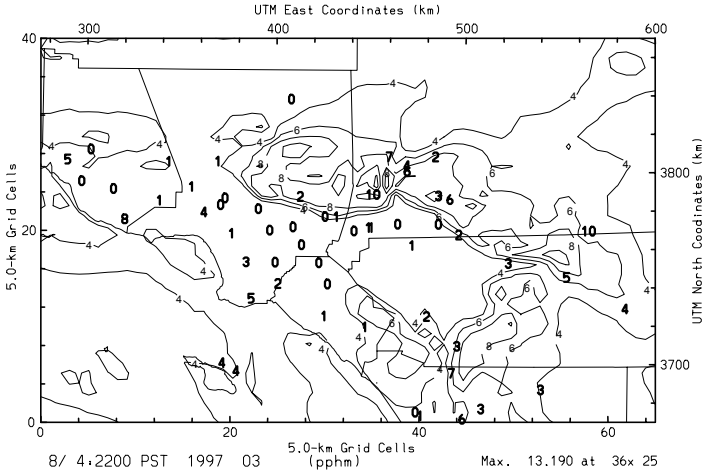


Figure A-22v
Layer-1 predicted ozone (pphm) 2200 PST, August 4, 1997.

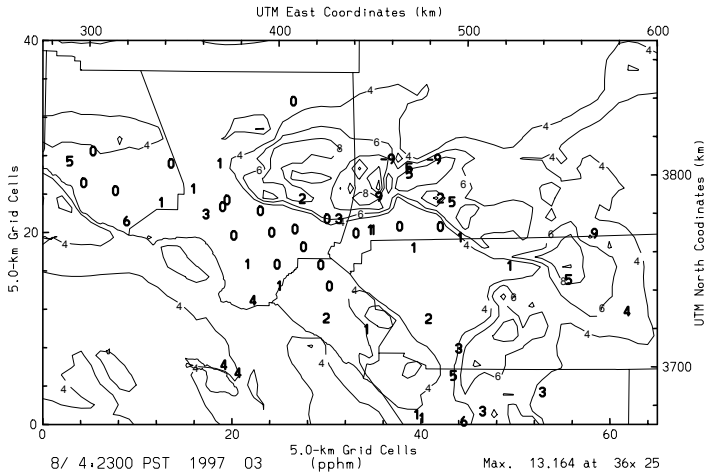


Figure A-22w
Layer-1 predicted ozone (pphm) 2300 PST, August 4, 1997.

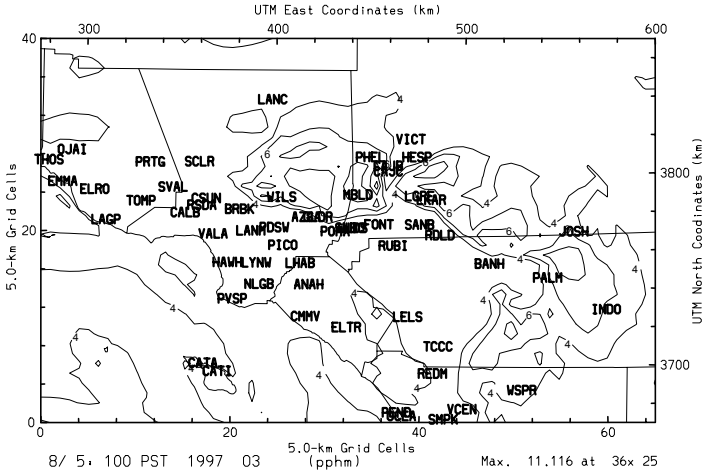


Figure A-23a
Layer-1 predicted ozone (pphm) 100 PST, August 5, 1997.

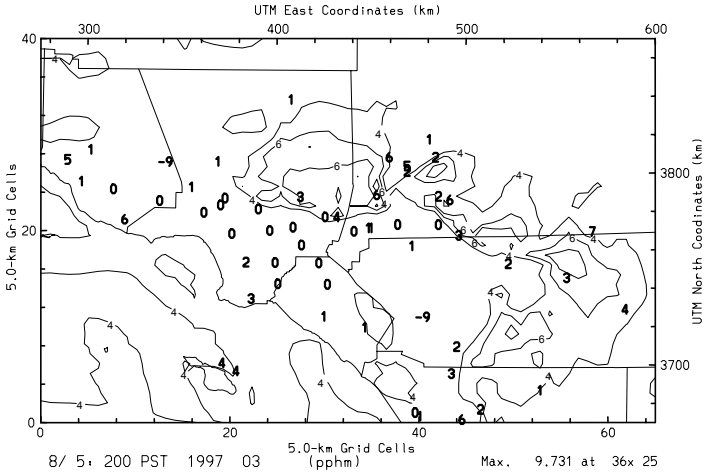


Figure A-23b
Layer-1 predicted ozone (pphm) 200 PST, August 5, 1997.

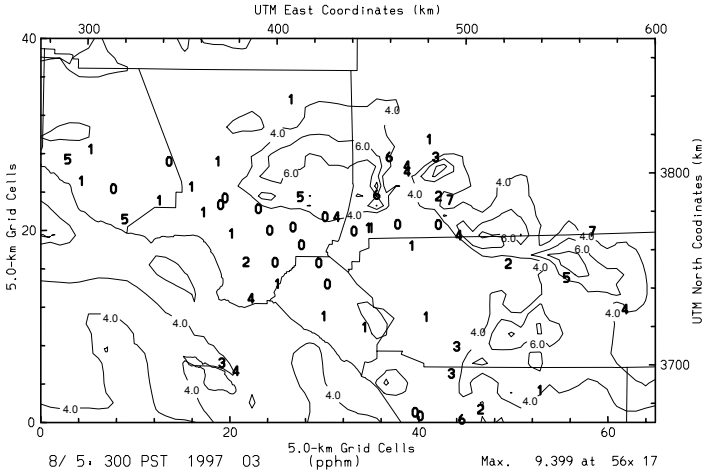


Figure A-23c
Layer-1 predicted ozone (pphm) 300 PST, August 5, 1997.

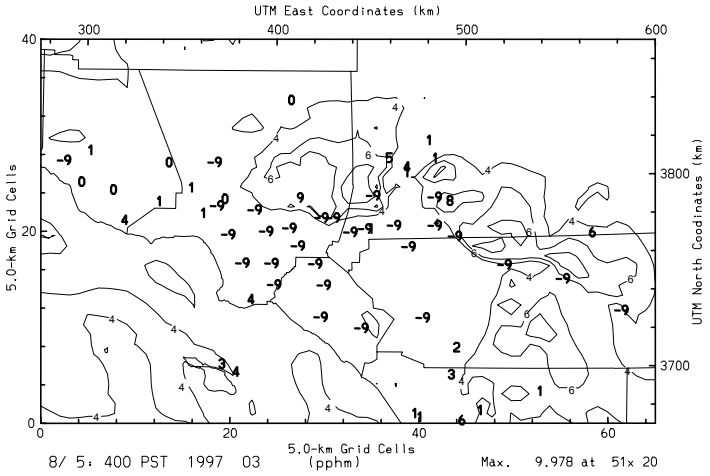


Figure A-23d
Layer-1 predicted ozone (pphm) 400 PST, August 5, 1997.

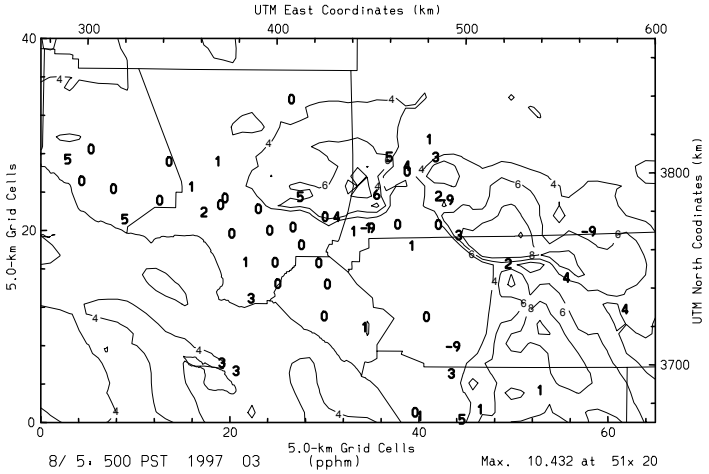


Figure A-23e
Layer-1 predicted ozone (pphm) 500 PST, August 5, 1997.

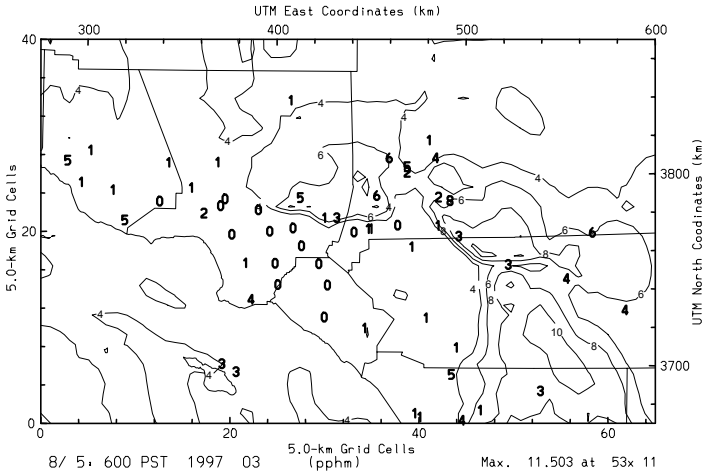


Figure A-23f
Layer-1 predicted ozone (pphm) 600 PST, August 5, 1997.

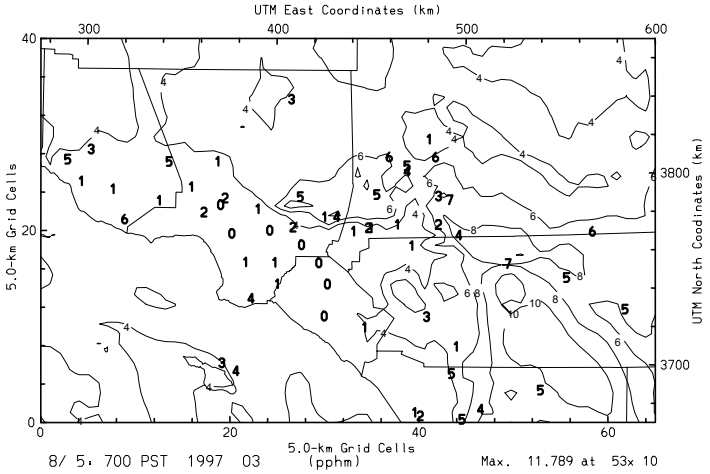


Figure A-23g
Layer-1 predicted ozone (pphm) 700 PST, August 5, 1997.

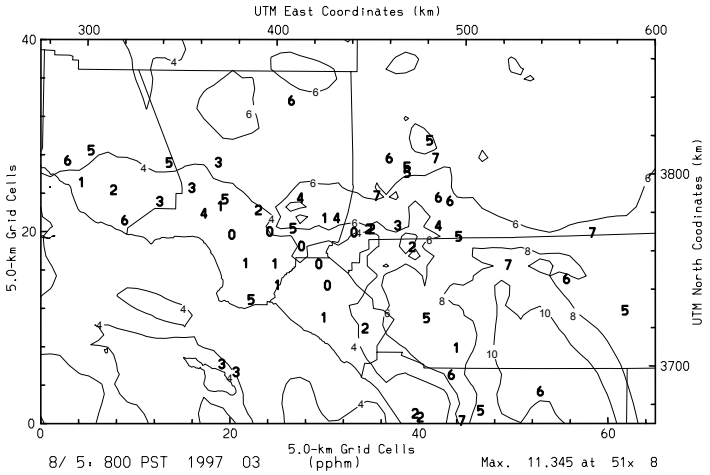


Figure A-23h
Layer-1 predicted ozone (pphm) 800 PST, August 5, 1997.

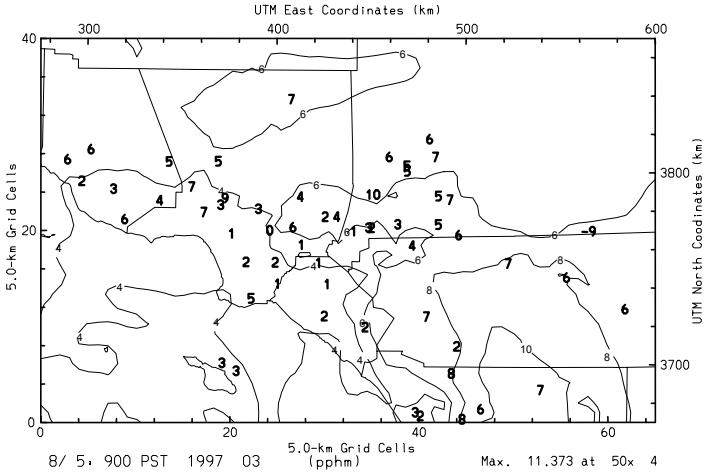


Figure A-23i
Layer-1 predicted ozone (pphm) 900 PST, August 5, 1997.

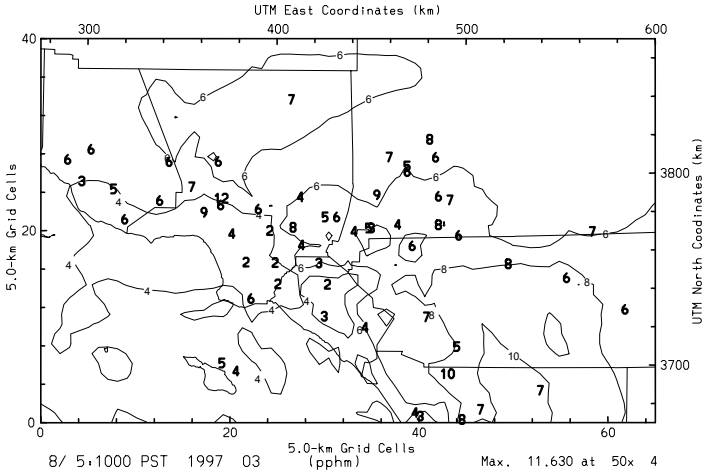


Figure A-23j
Layer-1 predicted ozone (pphm) 1000 PST, August 5, 1997.

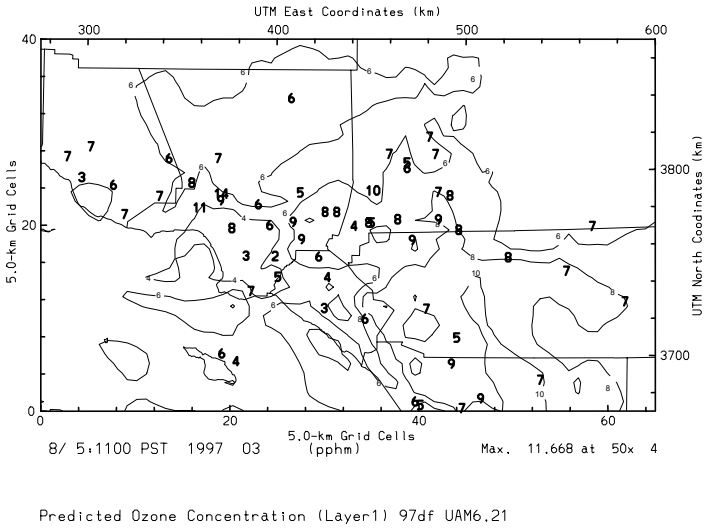


Figure A-23k
Layer-1 predicted ozone (pphm) 1100 PST, August 5, 1997.

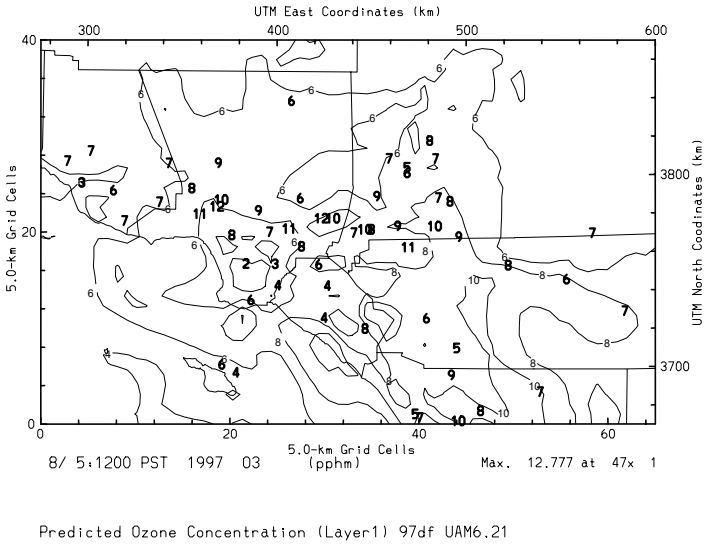


Figure A-23l
Layer-1 predicted ozone (pphm) 1200 PST, August 5, 1997.

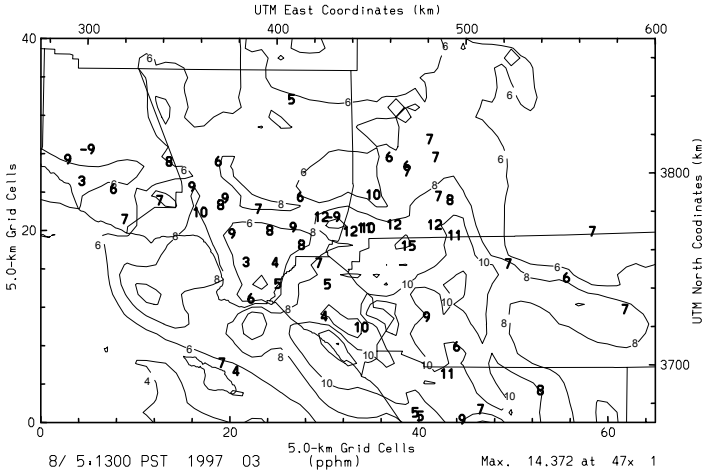


Figure A-23m
Layer-1 predicted ozone (pphm) 1300 PST, August 5, 1997.

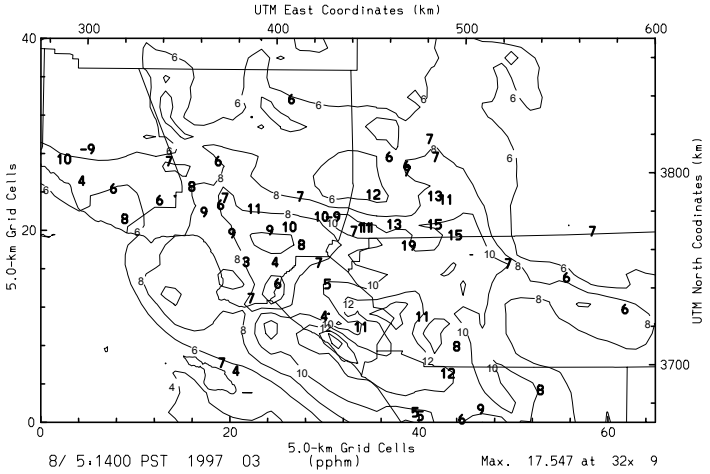


Figure A-23n
Layer-1 predicted ozone (pphm) 1400 PST, August 5, 1997.

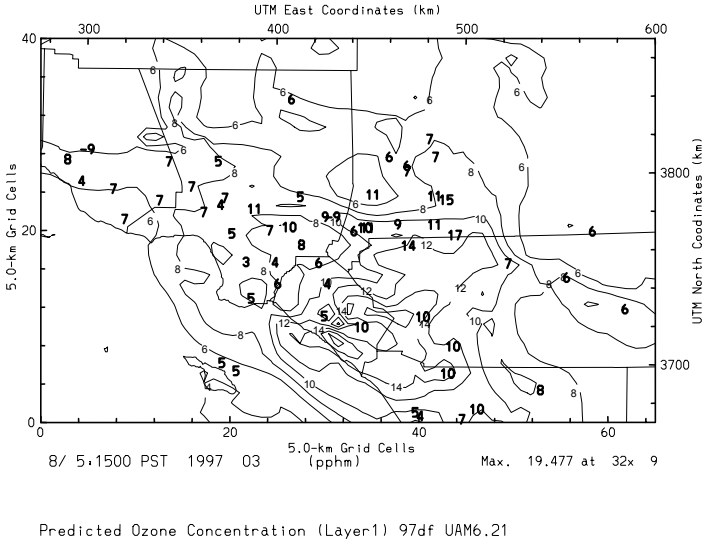


Figure A-23o
Layer-1 predicted ozone (pphm) 1500 PST, August 5, 1997.

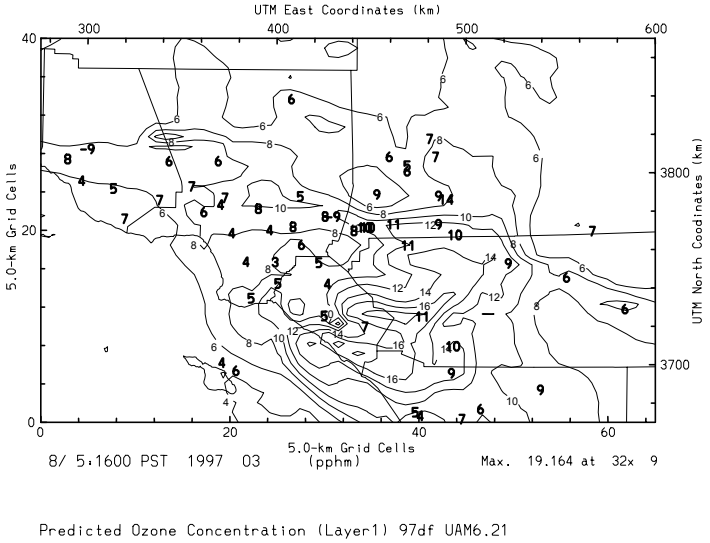


Figure A-23p
Layer-1 predicted ozone (pphm) 1600 PST, August 5, 1997.

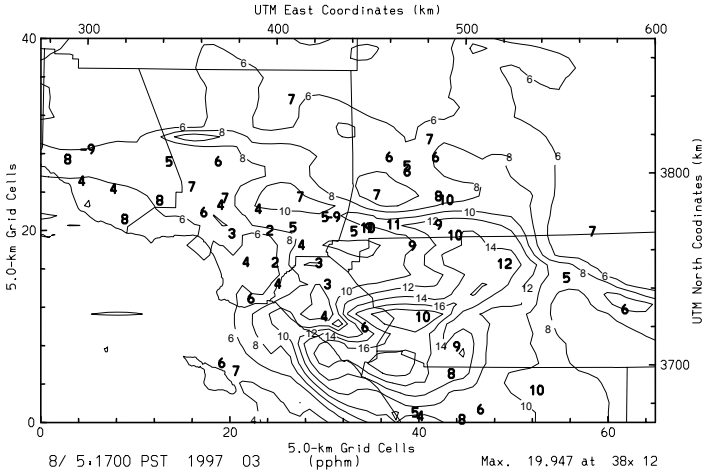


Figure A-23q
Layer-1 predicted ozone (pphm) 1700 PST, August 5, 1997.

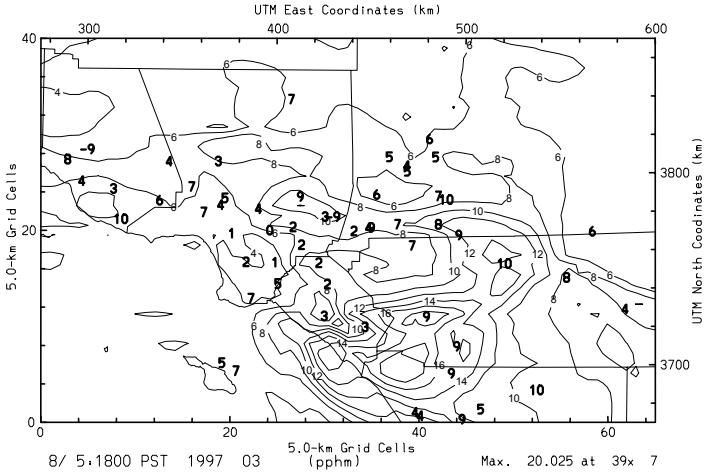


Figure A-23r
Layer-1 predicted ozone (pphm) 1800 PST, August 5, 1997.

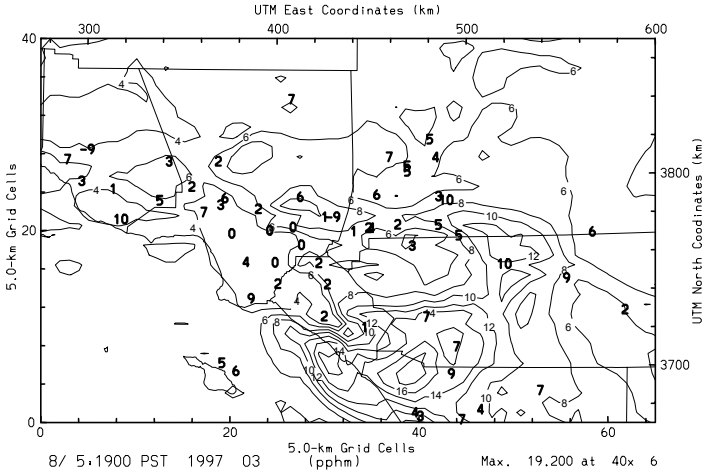


Figure A-23s
Layer-1 predicted ozone (pphm) 1900 PST, August 5, 1997.

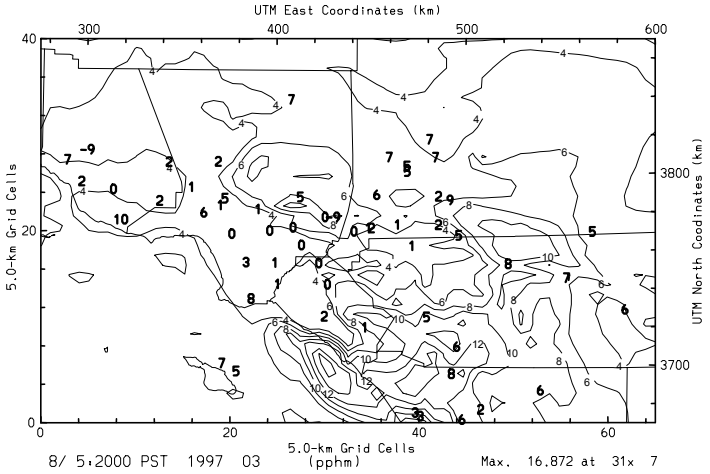


Figure A-23t
Layer-1 predicted ozone (pphm) 2000 PST, August 5, 1997.

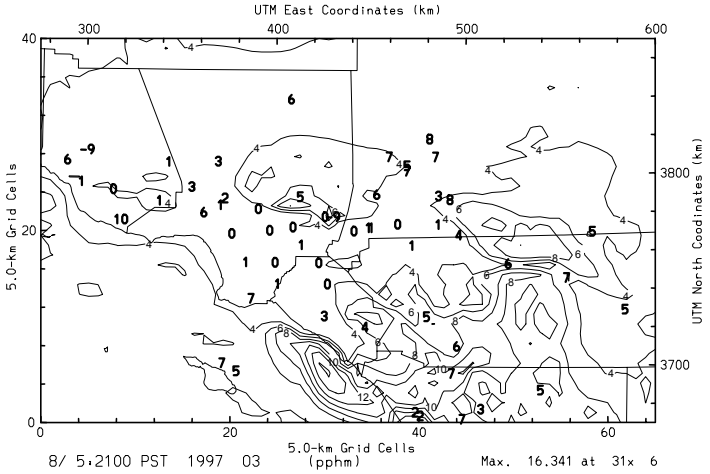


Figure A-23u
Layer-1 predicted ozone (pphm) 2100 PST, August 5, 1997.

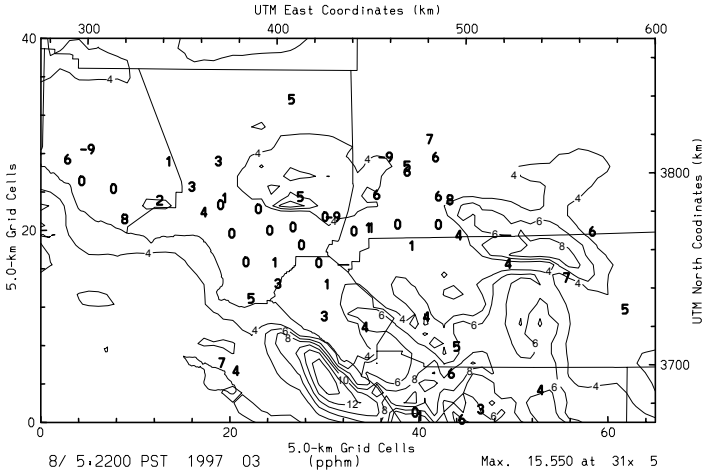


Figure A-23v
Layer-1 predicted ozone (pphm) 2200 PST, August 5, 1997.

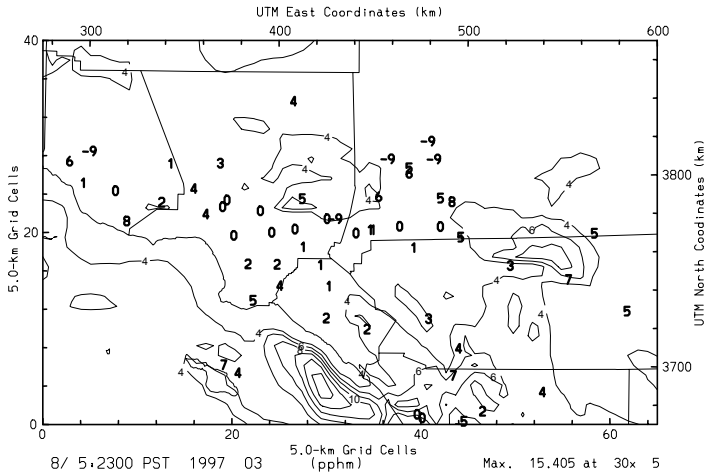


Figure A-23w
Layer-1 predicted ozone (pphm) 2300 PST, August 5, 1997.

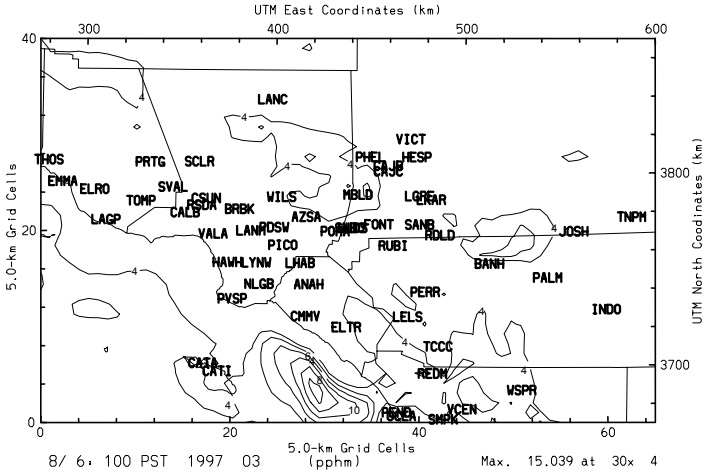


Figure A-24a
Layer-1 predicted ozone (pphm) 100 PST, August 6, 1997.

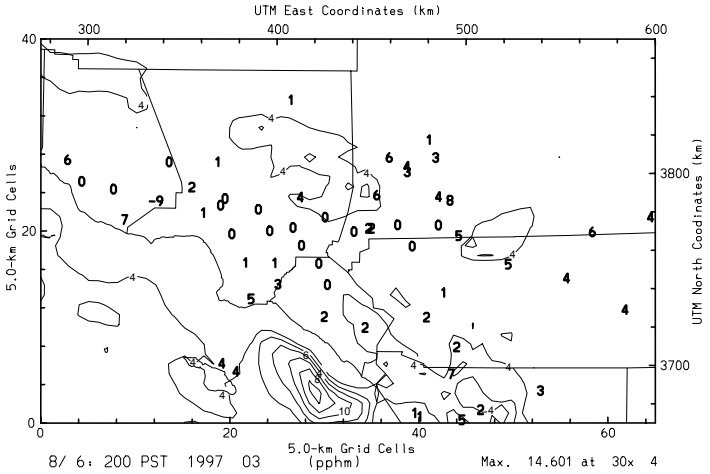


Figure A-24b
Layer-1 predicted ozone (pphm) 200 PST, August 6, 1997.

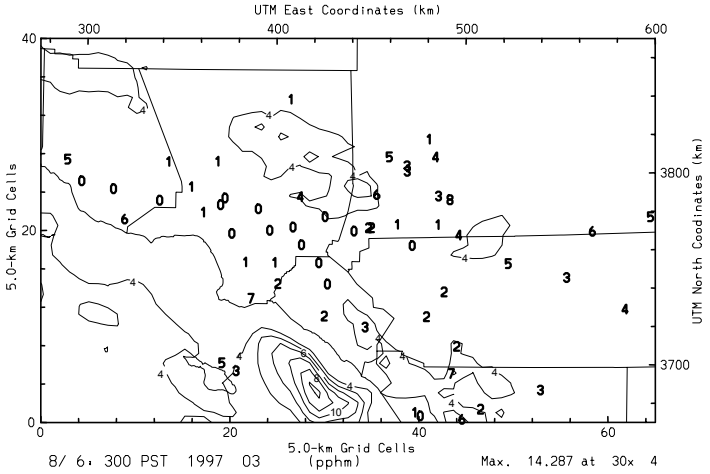


Figure A-24c
Layer-1 predicted ozone (pphm) 300 PST, August 6, 1997.

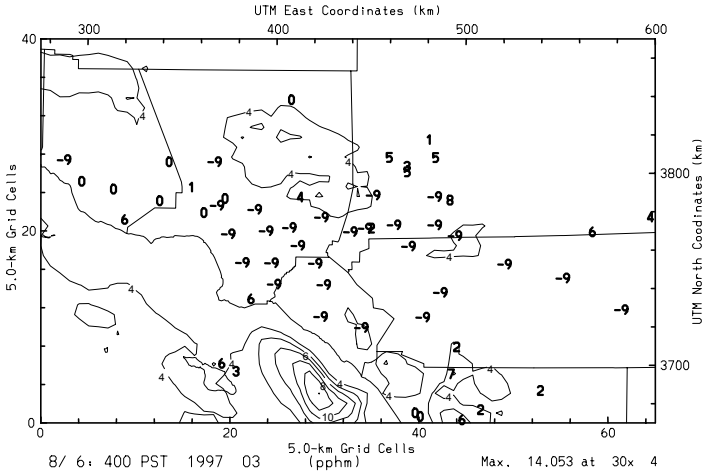


Figure A-24d
Layer-1 predicted ozone (pphm) 400 PST, August 6, 1997.

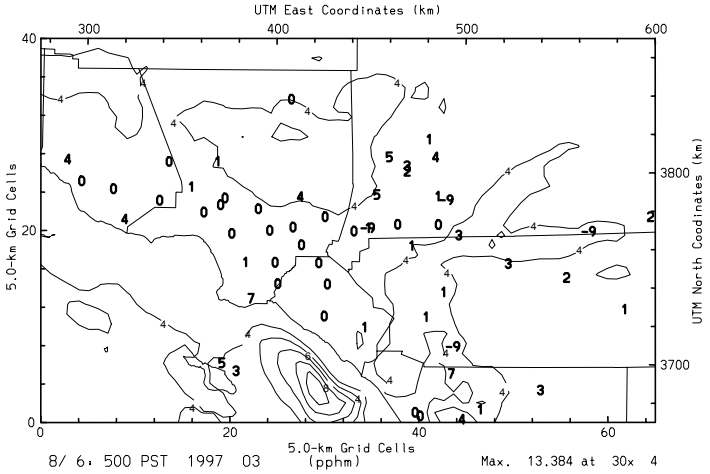


Figure A-24e
Layer-1 predicted ozone (pphm) 500 PST, August 6, 1997.

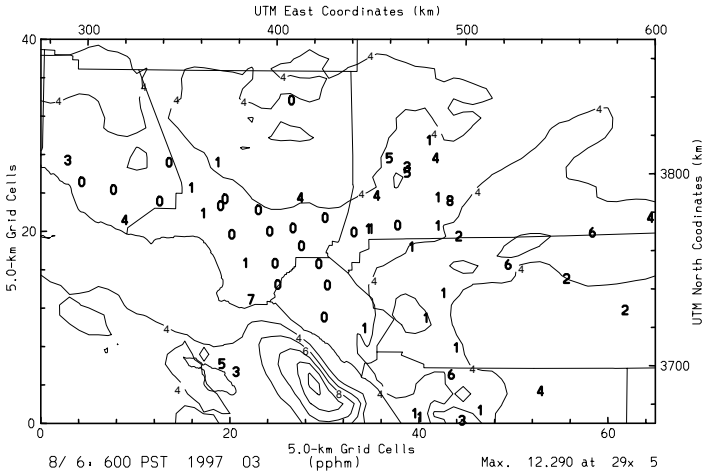


Figure A-24f
Layer-1 predicted ozone (pphm) 600 PST, August 6, 1997.

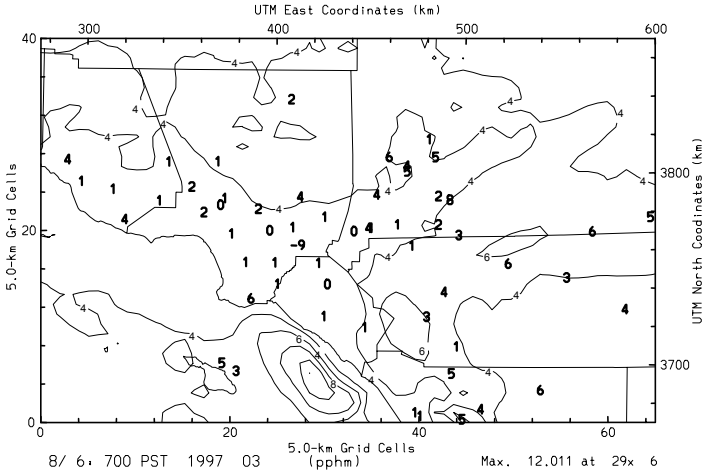


Figure A-24g
Layer-1 predicted ozone (pphm) 700 PST, August 6, 1997.

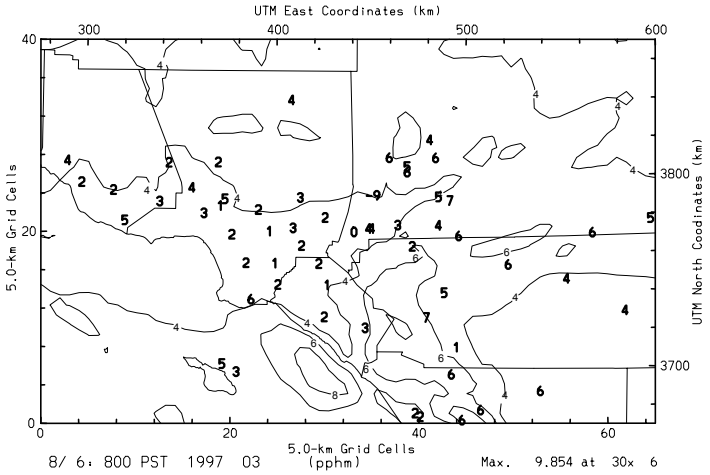


Figure A-24h
Layer-1 predicted ozone (pphm) 800 PST, August 6 1997.

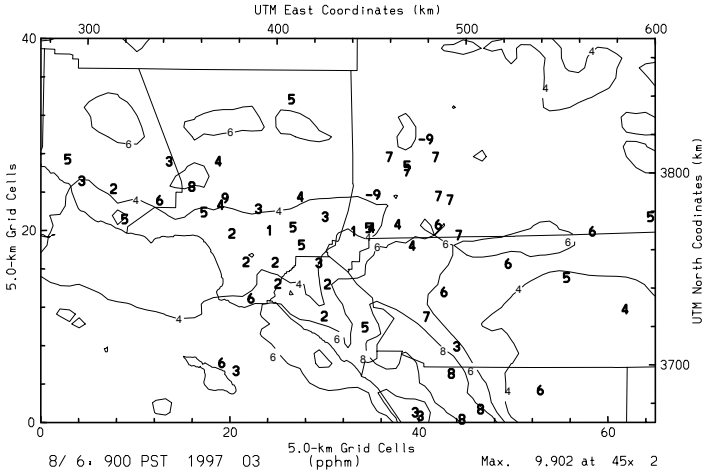


Figure A-24i
Layer-1 predicted ozone (pphm) 900 PST, August 6 1997.

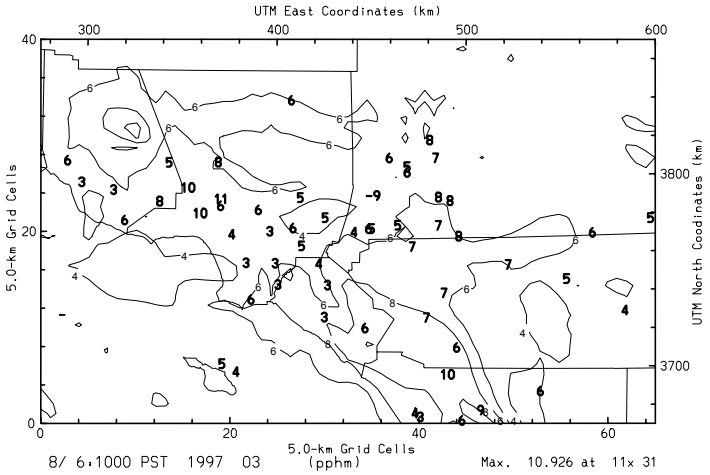


Figure A-22j
Layer-1 predicted ozone (pphm) 1000 PST, August 4, 1997.

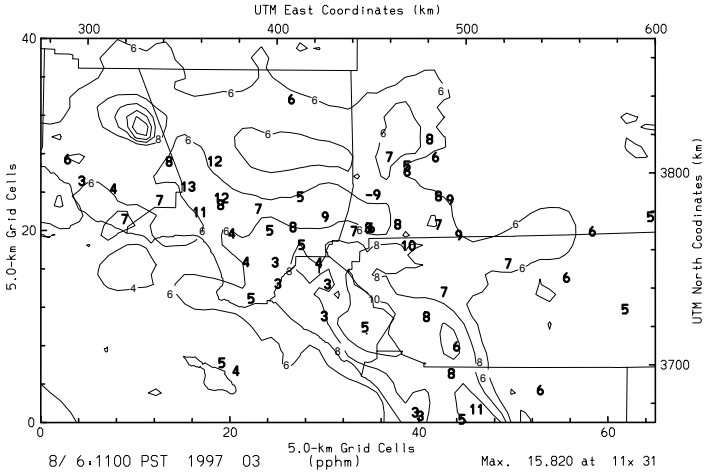


Figure A-24k
Layer-1 predicted ozone (pphm) 1100 PST, August 6 1997.

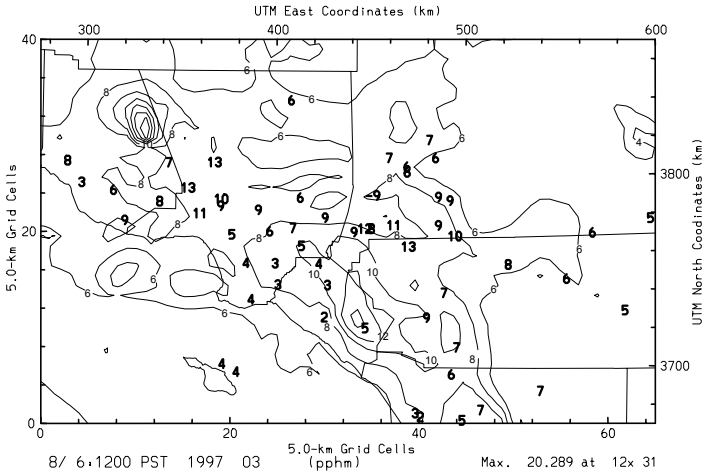


Figure A-24l
Layer-1 predicted ozone (pphm) 1200 PST, August 6 1997.

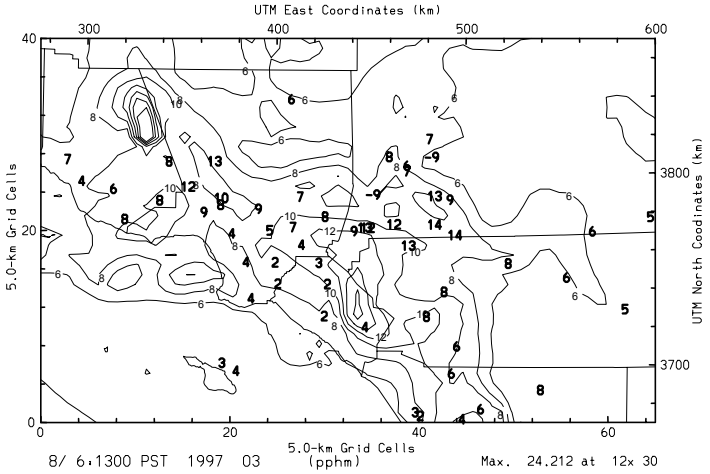


Figure A-24m
Layer-1 predicted ozone (pphm) 1300 PST, August 6, 1997.

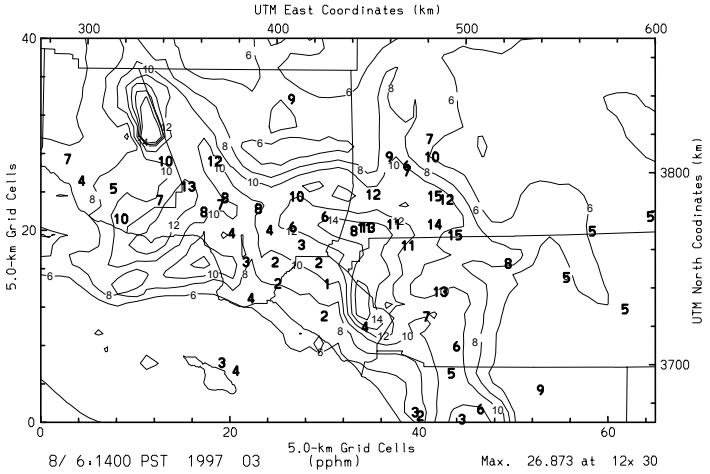


Figure A-24n
Layer-1 predicted ozone (pphm) 1400 PST, August 6, 1997.

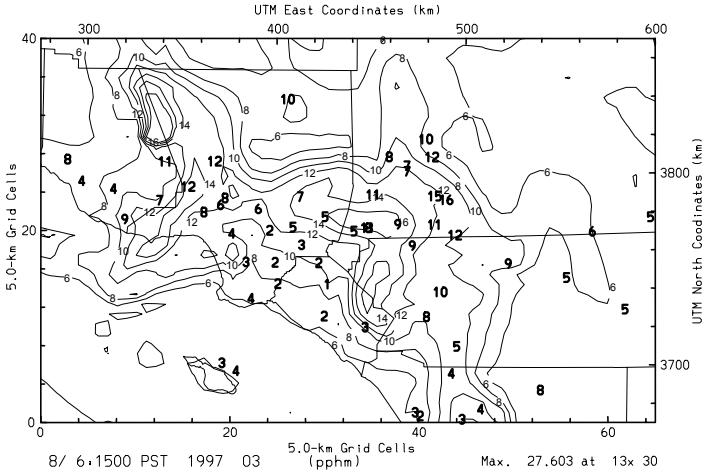


Figure A-24o
Layer-1 predicted ozone (pphm) 1500 PST, August 6, 1997.

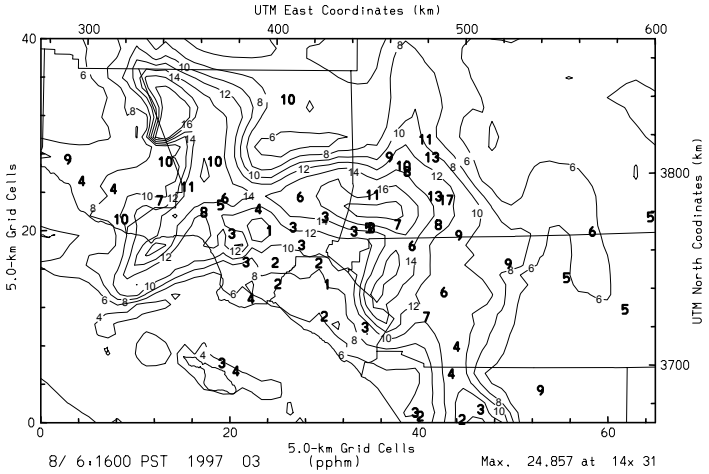


Figure A-24p
Layer-1 predicted ozone (pphm) 1600 PST, August 6, 1997.

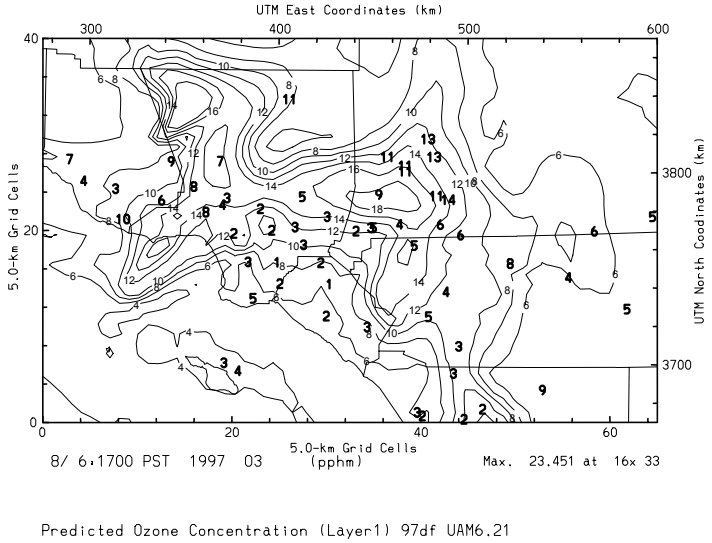


Figure A-24q
Layer-1 predicted ozone (pphm) 1700 PST, August 6, 1997.

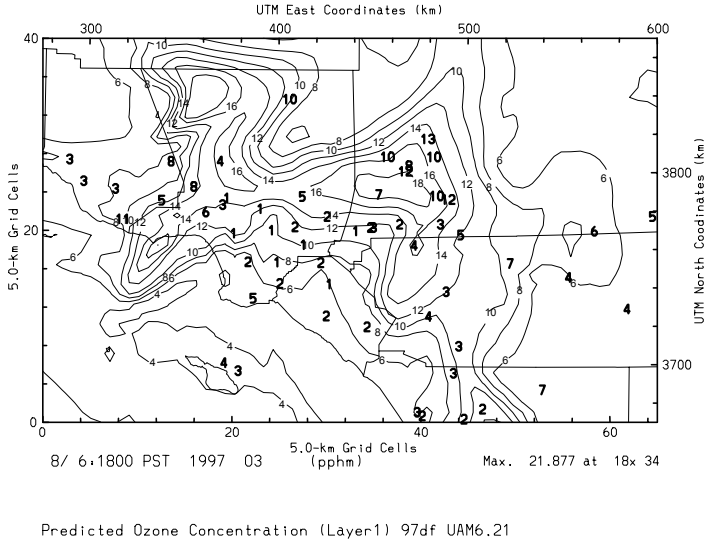


Figure A-24r
Layer-1 predicted ozone (pphm) 1800 PST, August 6, 1997.

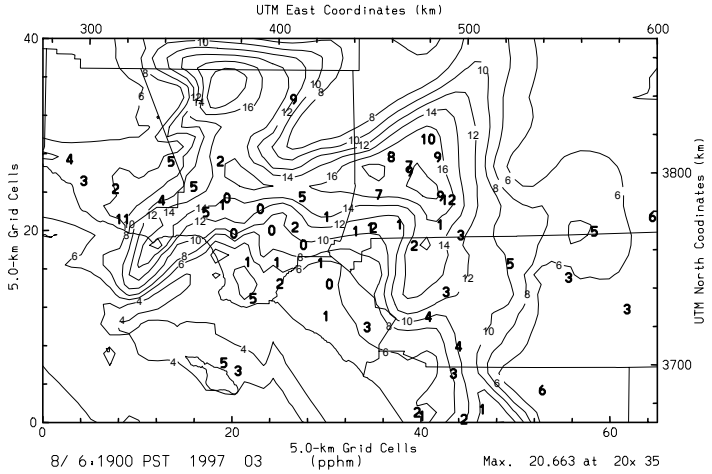


Figure A-24s
Layer-1 predicted ozone (pphm) 1900 PST, August 6, 1997.

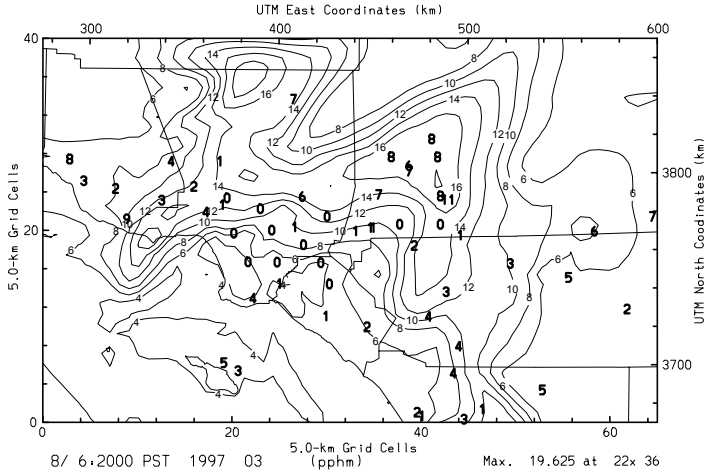


Figure A-24t
Layer-1 predicted ozone (pphm) 2000 PST, August 6, 1997.

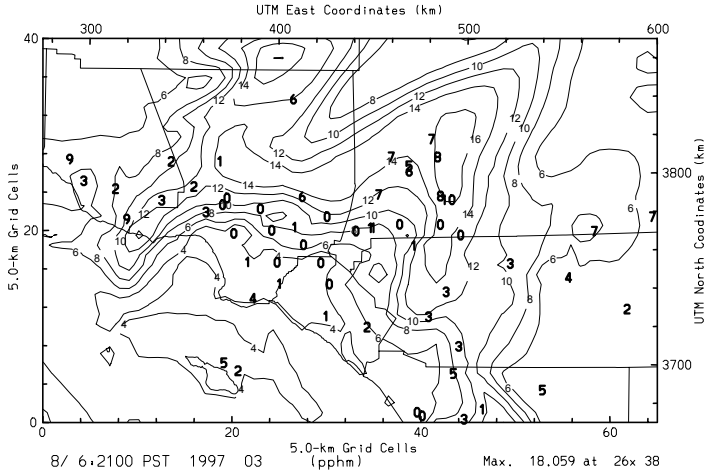


Figure A-24u
Layer-1 predicted ozone (pphm) 2100 PST, August 6, 1997.

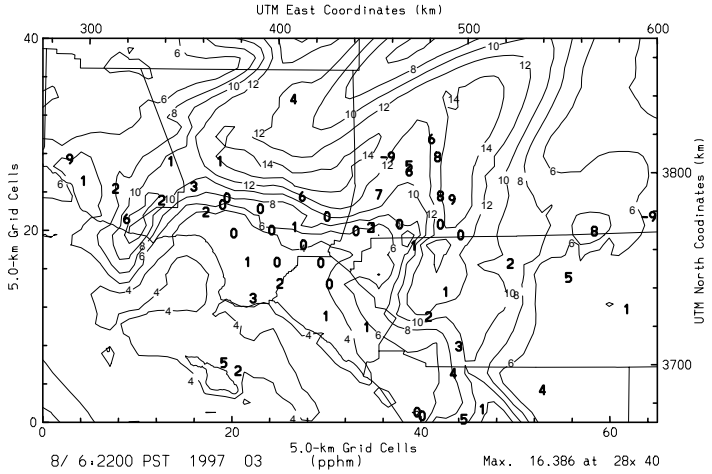


Figure A-24v
Layer-1 predicted ozone (pphm) 2200 PST, August 6, 1997.

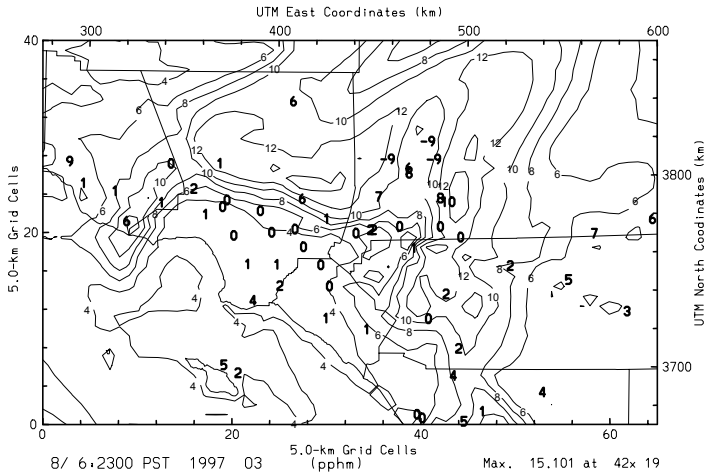


Figure A-24w
Layer-1 predicted ozone (pphm) 2300 PST, August 6, 1997.

Sensitivity Analyses

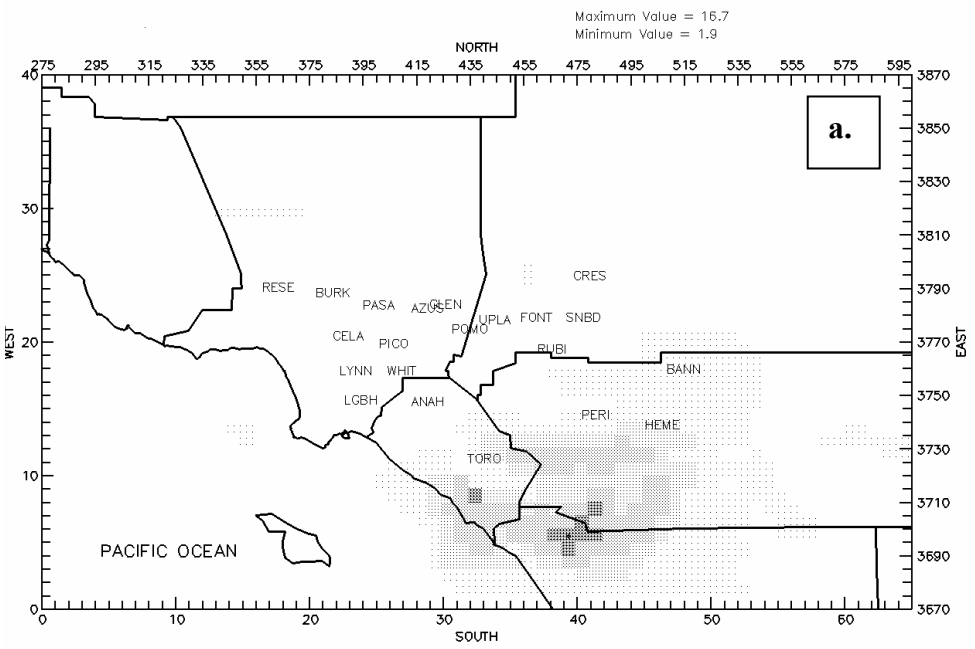


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with zero_bc for the year 1997.
(Run zero_bc – August 5 predictions 1–hour average)

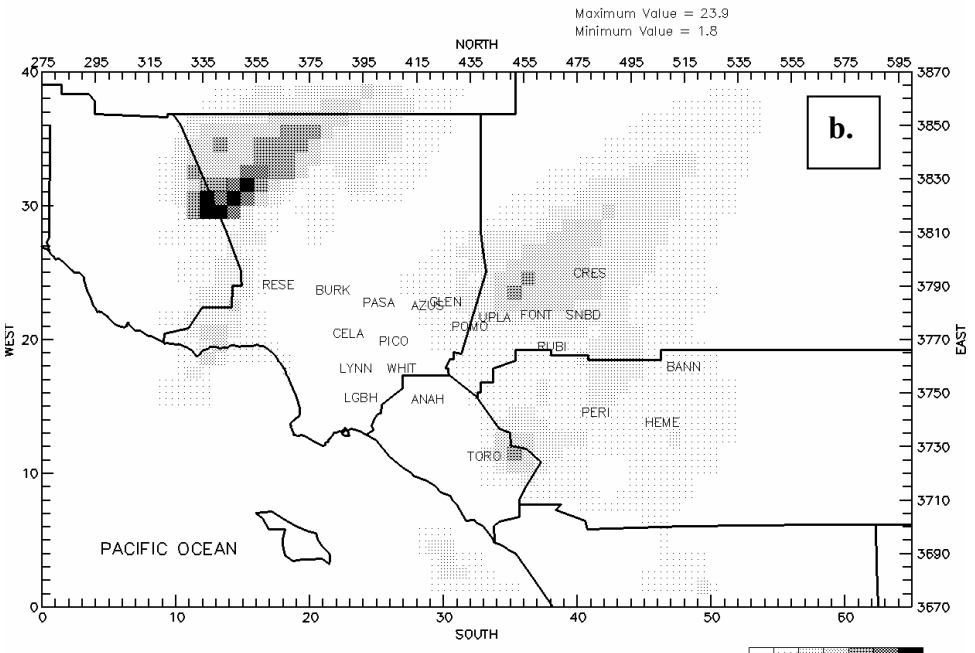


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with zero_bc for the year 1997.
(Run zero_bc – August 6 predictions 1–hour average)

Figure A-25

Maximum predicted ozone (pphm) with zero-boundary conditions Aug. .5, 1997 (a) and Aug. 6, 1997 (b)

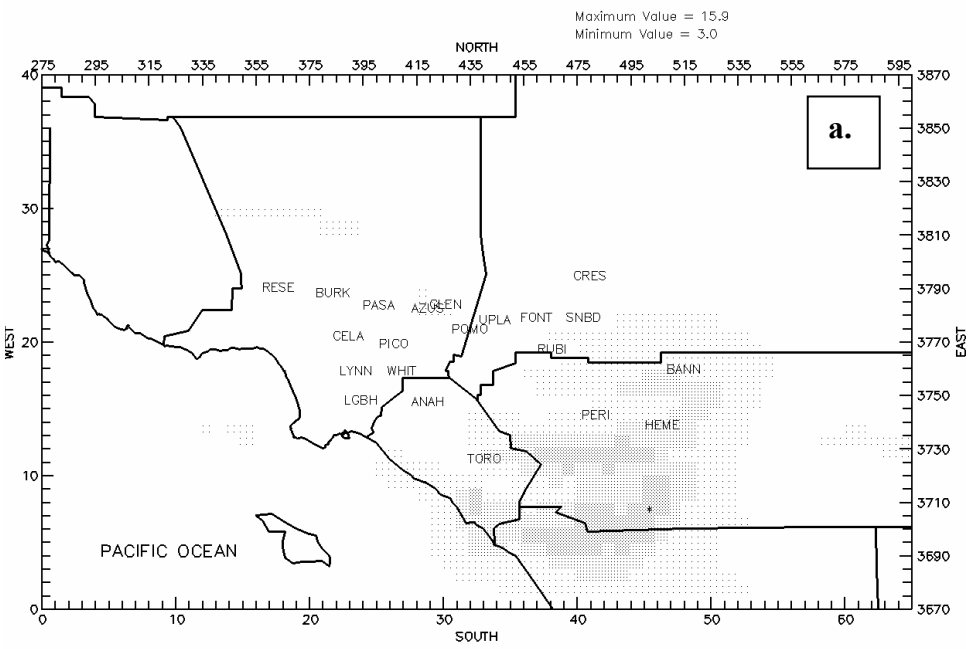


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with zero_ic for the year 1997.
(Run zero_ic – August 5 predictions 1–hour average)

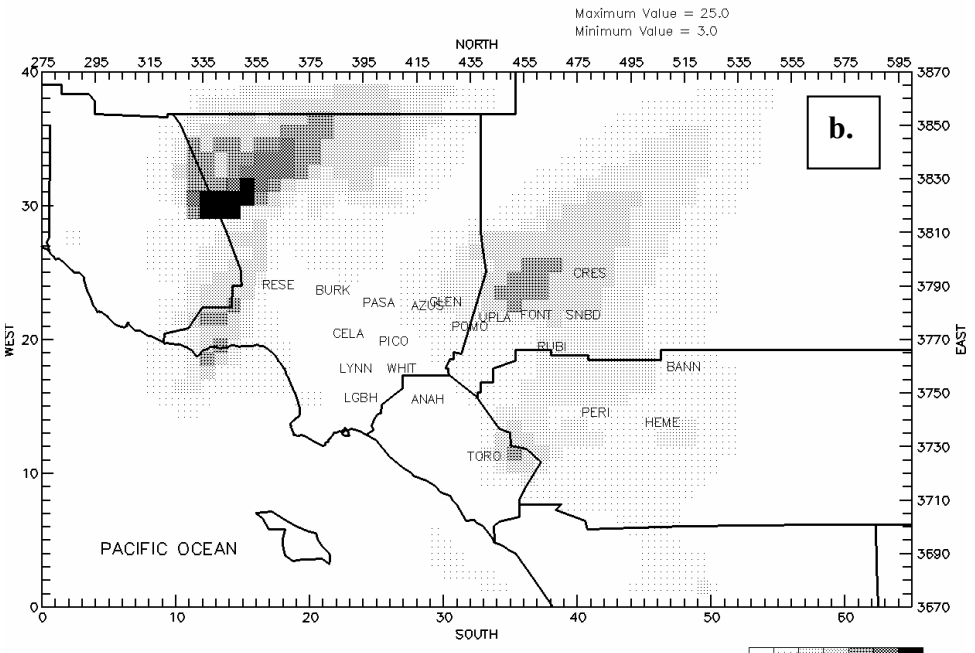


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with zero_ic for the year 1997.
(Run zero_ic – August 6 predictions 1–hour average)

Figure A-26

Maximum predicted ozone (pphm) with zero-initial conditions Aug. .5, 1997 (a) and Aug. 6, 1997 (b)

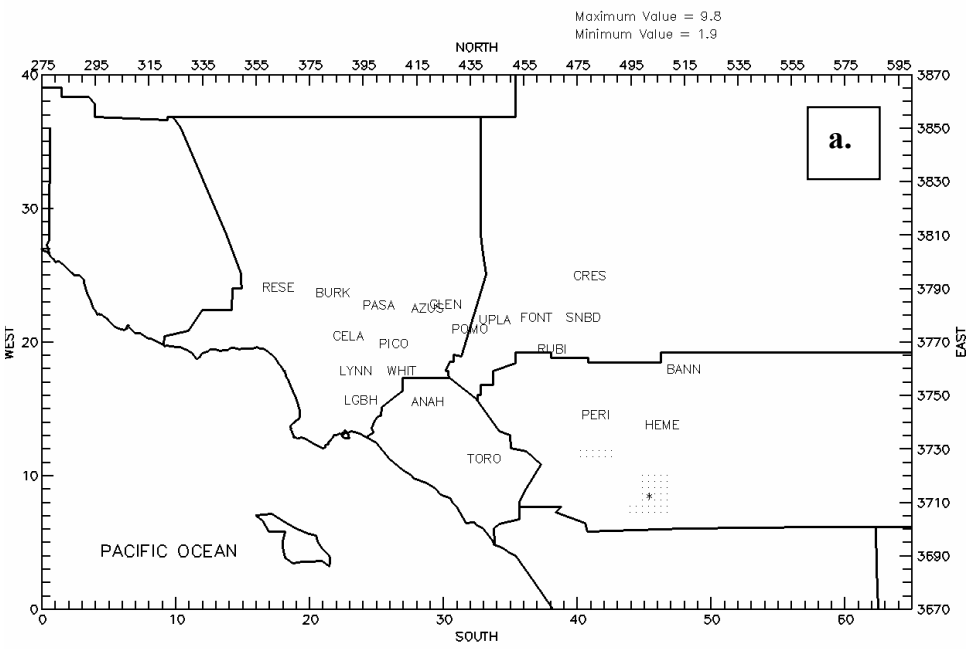


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with uam_bio for the year 2010.
(Run uam_bio – August 5 predictions 1–hour average)

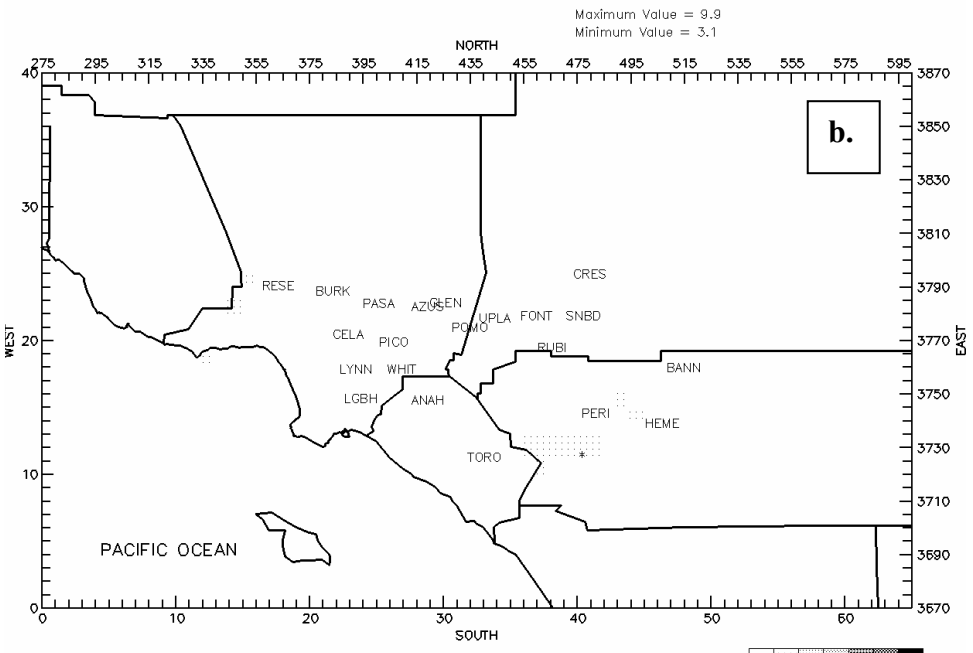


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with uam_bio for the year 2010.
(Run uam_bio – August 6 predictions 1–hour average)

Figure A-27

Maximum predicted ozone (pphm) with only biogenic emissions Aug. .5, 1997 (a) and Aug. 6, 1997 (b)

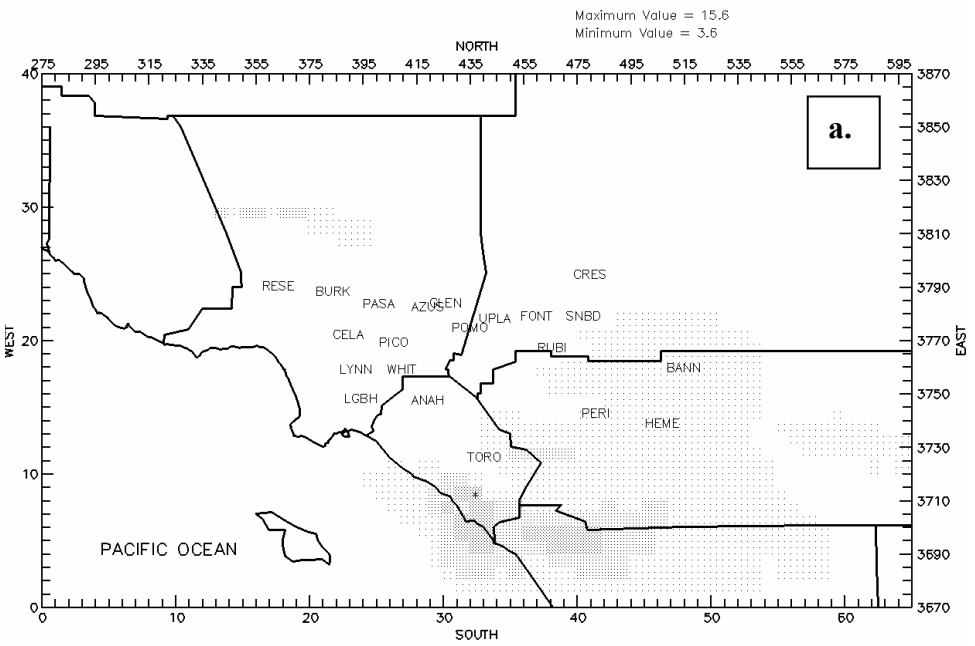


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with no_bio for the year 1997.
(Run no_bio – August 5 predictions 1-hour average)

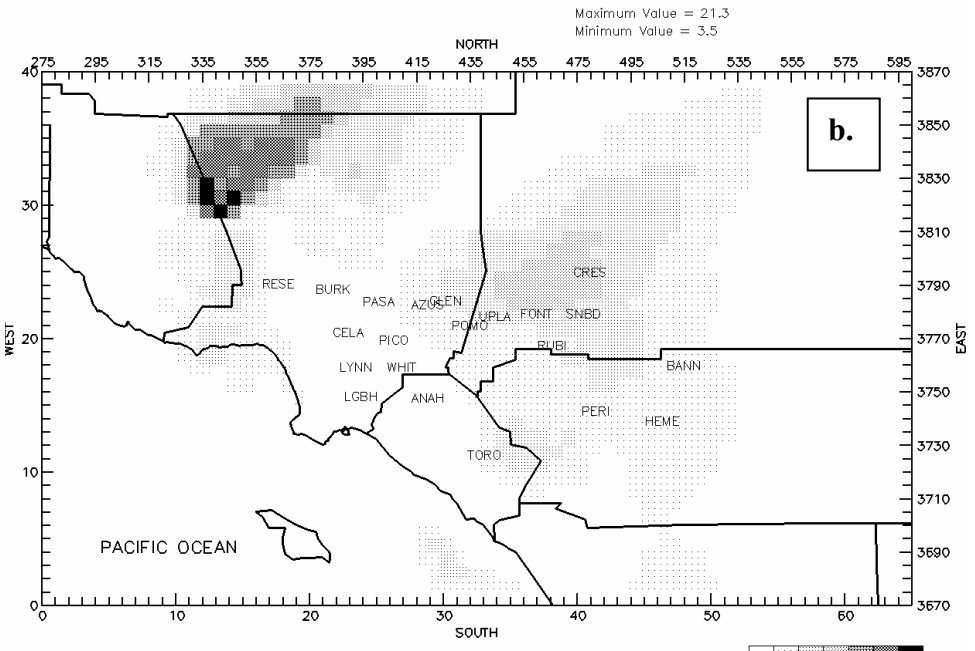


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with no_bio for the year 1997.
(Run no_bio – August 6 predictions 1-hour average)

Figure A-28

Maximum predicted ozone (pphm) with no biogenic emissions Aug. .5, 1997 (a) and Aug. 6, 1997 (b)

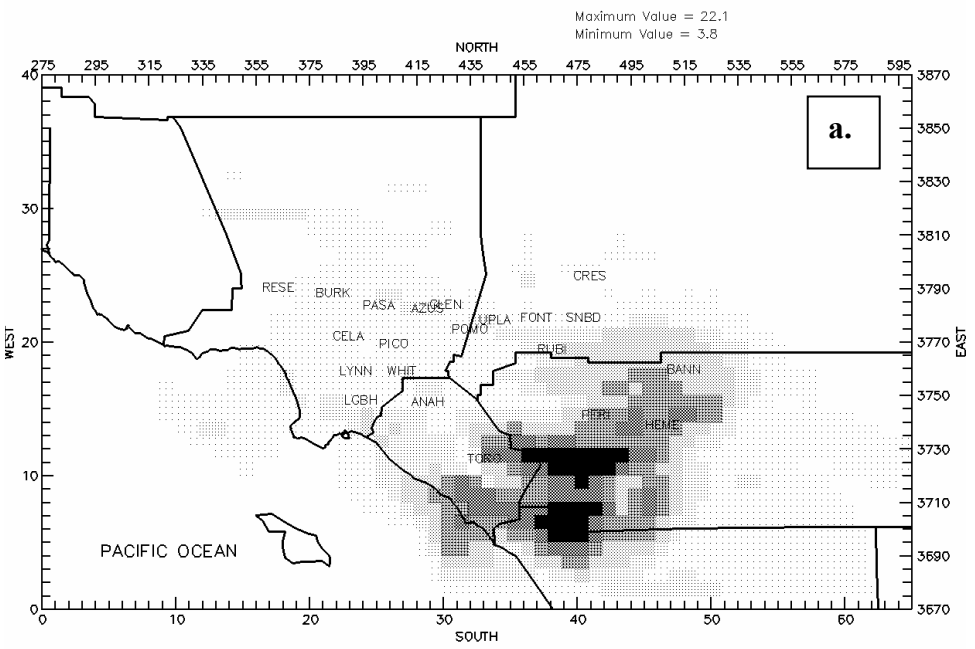


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with 2xbio for the year 1997.
(Run 2xbio – August 5 predictions 1–hour average)

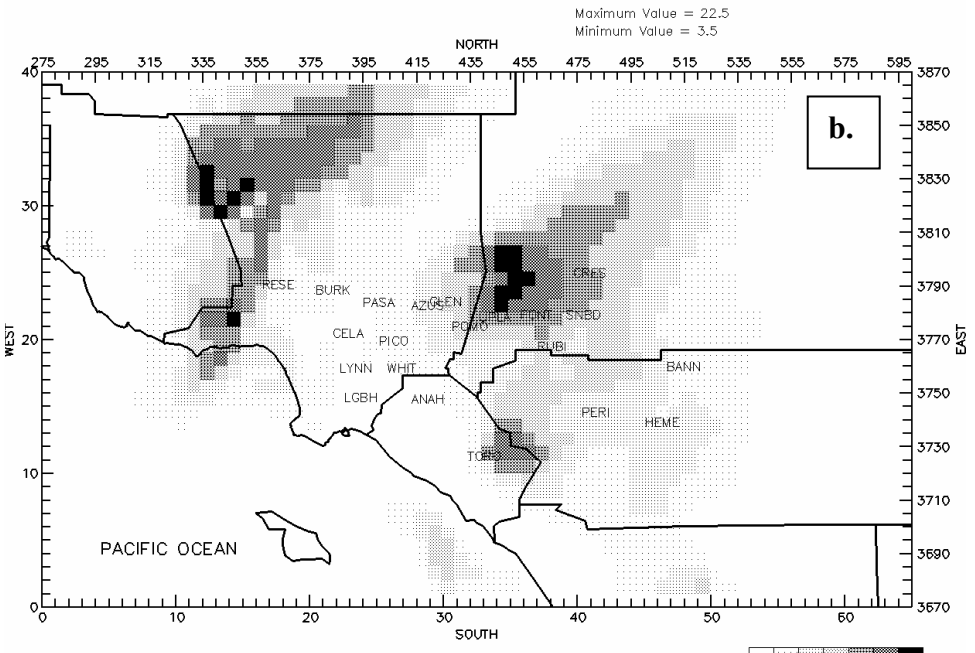


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with 2xbio for the year 1997.
(Run 2xbio – August 6 predictions 1–hour average)

Figure A-29

Maximum predicted ozone (pphm) with double biogenic emissions Aug. .5, 1997 (a) and Aug. 6, 1997 (b)

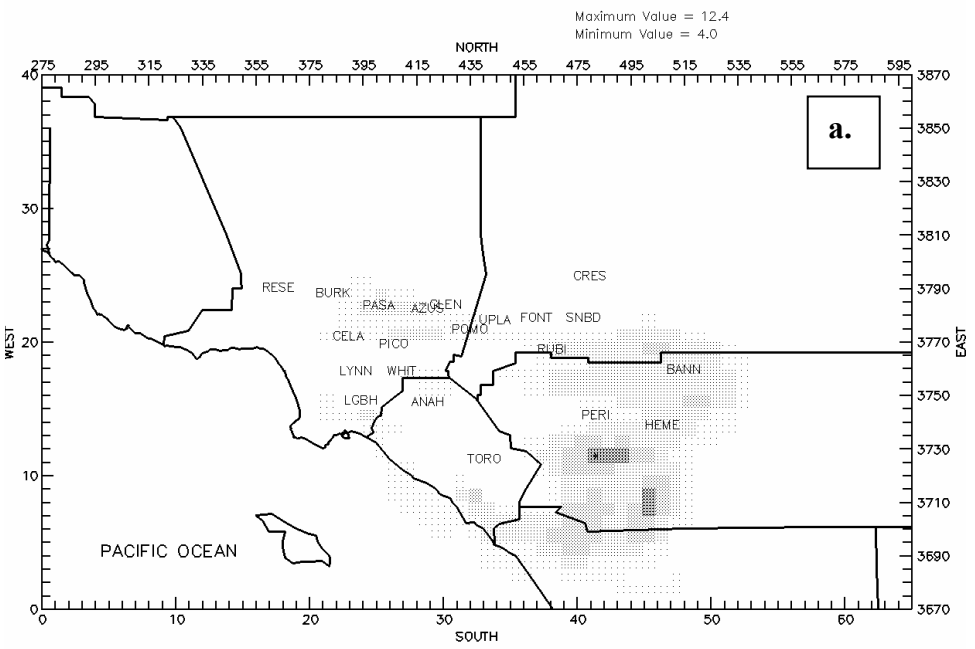


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with zero_st for the year 2010.
(Run zero_st – August 5 predictions 1–hour average)

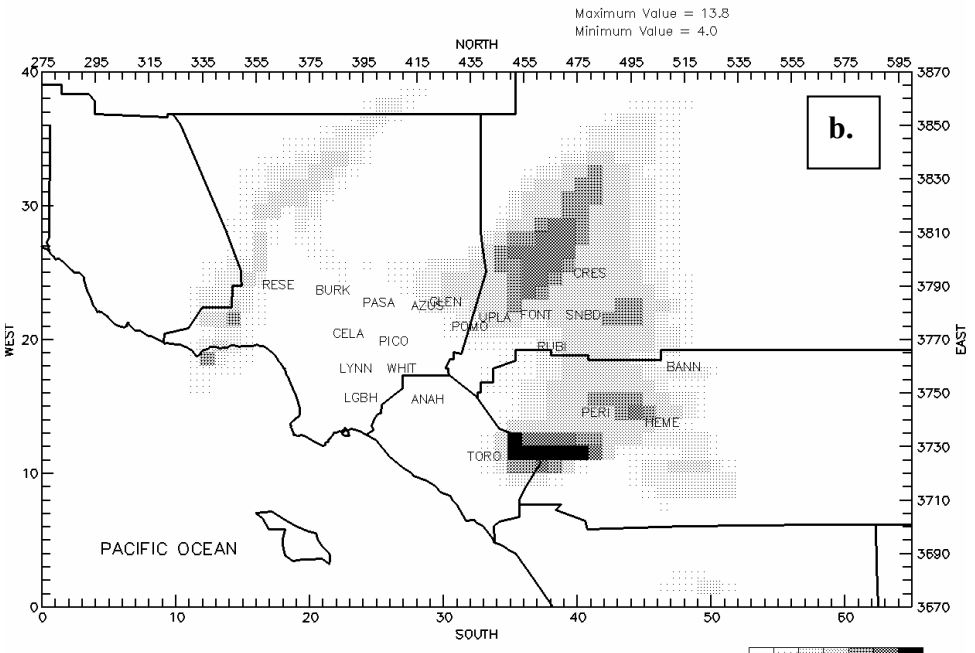


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with zero_st for the year 2010.
(Run zero_st – August 6 predictions 1–hour average)

Figure A-30

2010 Maximum predicted ozone (pphm) with zero stationary source emissions: Aug. .5, 1997 (a) and Aug. 6, 1997 (b), episodes

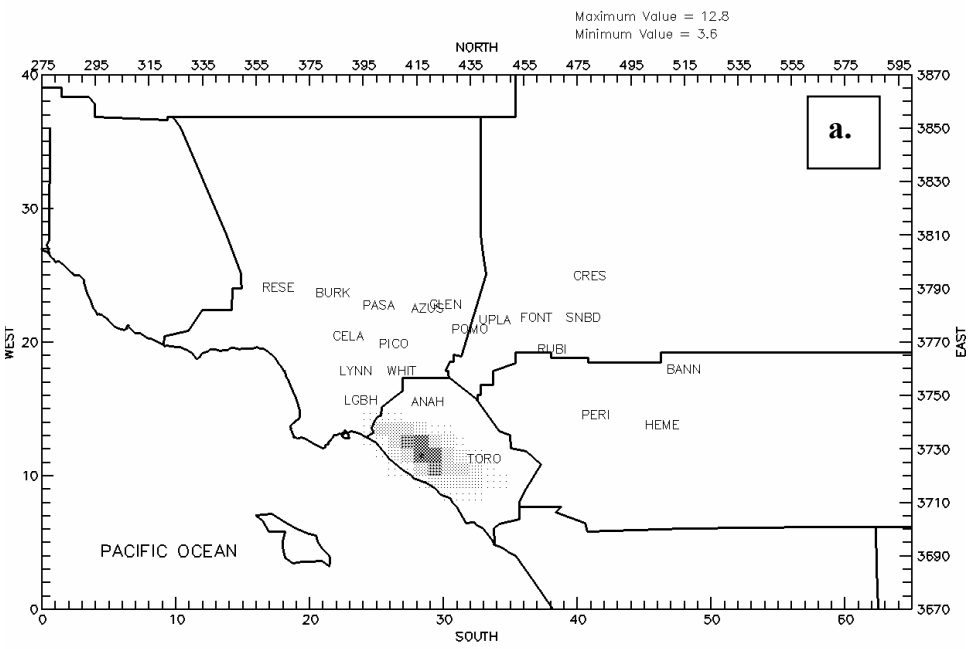


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with zero_mobile for the year 2010.
(Run zero_mobile – August 5 predictions 1–hour average)

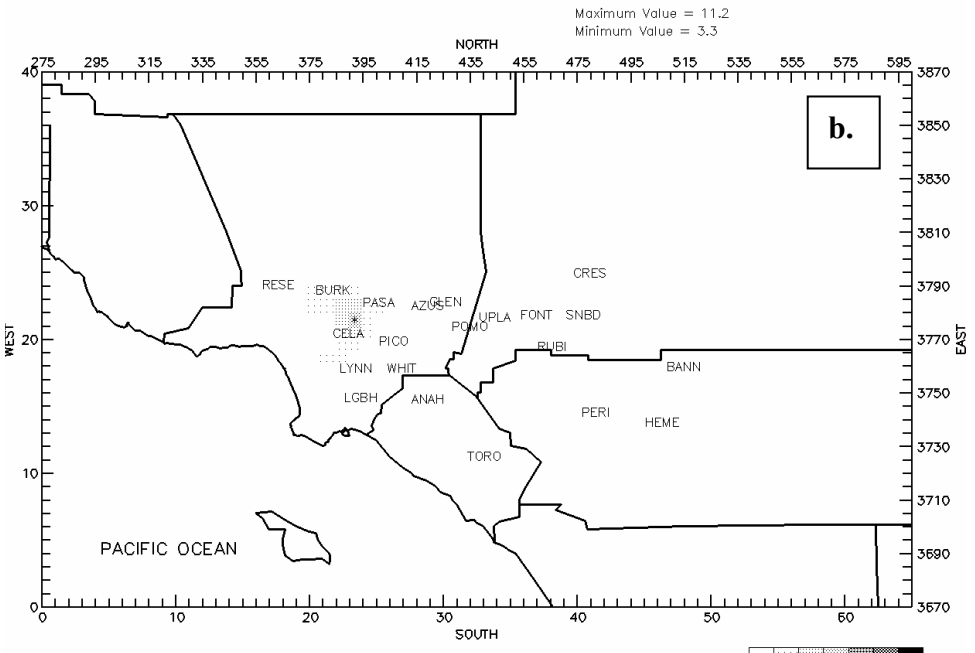


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with zero_mobile for the year 2010.
(Run zero_mobile – August 6 predictions 1–hour average)

Figure A-31

2010 Maximum predicted ozone (pphm) with zero mobile source emissions: Aug. .5, 1997 (a) and Aug. 6, 1997 (b), episodes

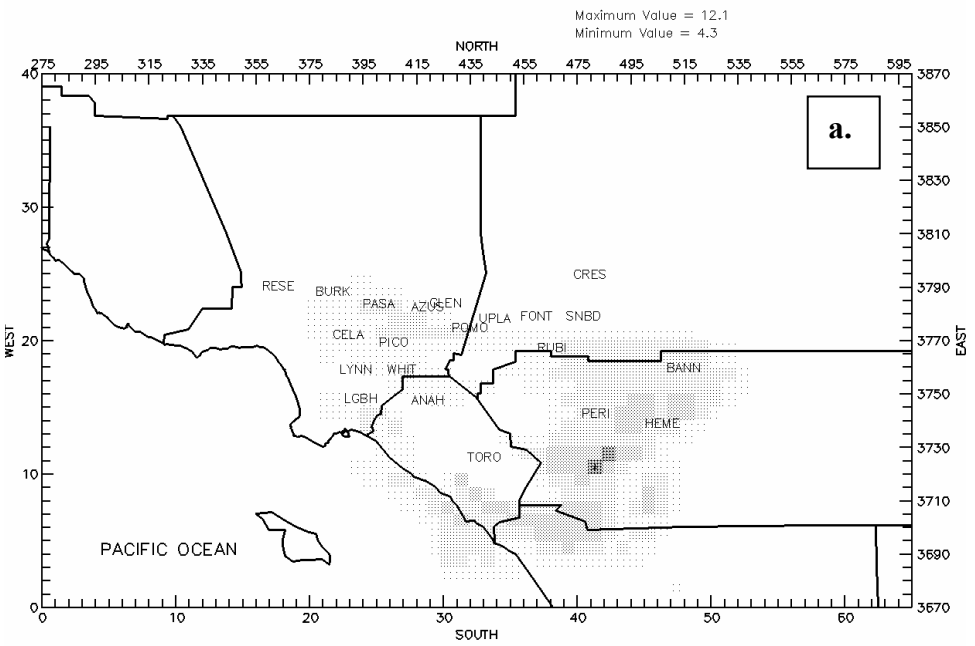


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with pl1_high_bc for the year 2010.
(Run pl1_high_bc – August 5 predictions 1-hour average)

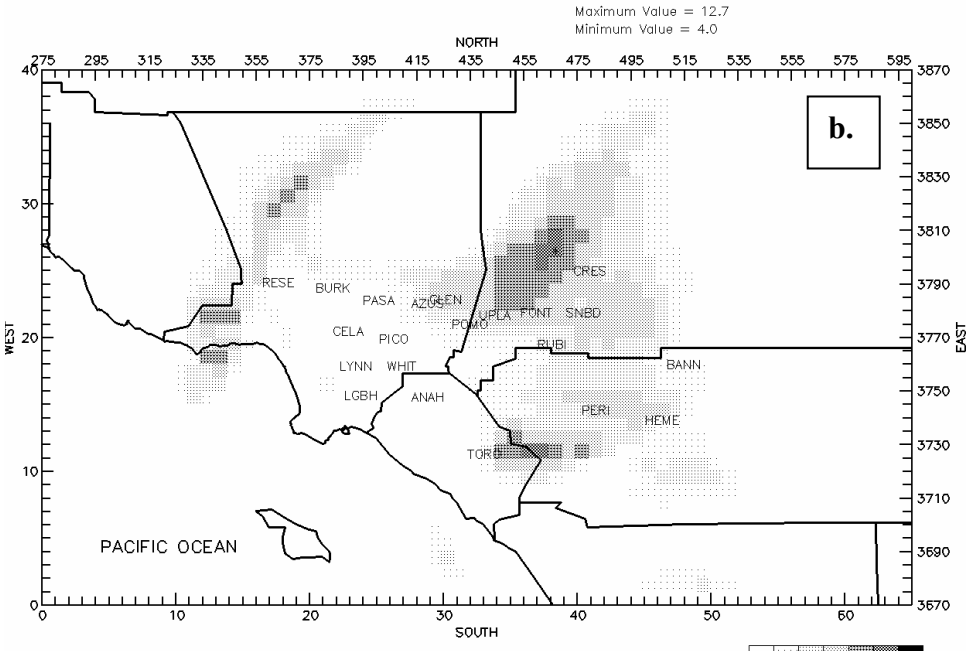


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with pl1_high_bc for the year 2010.
(Run pl1_high_bc – August 6 predictions 1-hour average)

Figure A-32

2010 Maximum predicted ozone (pphm) with Opttion-1 emissions:
Aug. .5, 1997 (a) and Aug. 6, 1997 (b), episodes

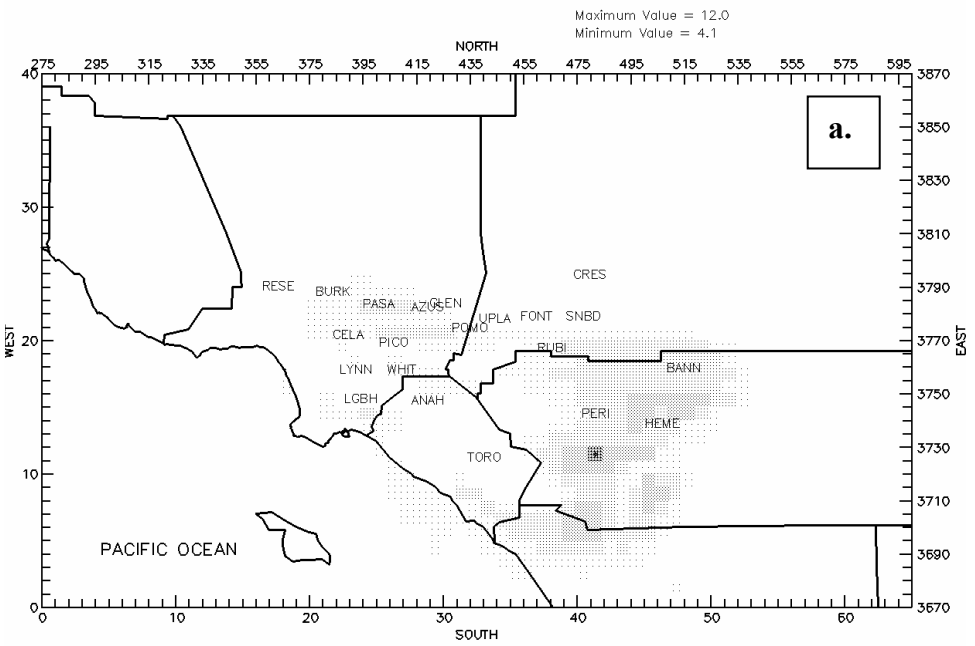


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with pl2_high_bc for the year 2010.
(Run pl2_high_bc – August 5 predictions 1-hour average)

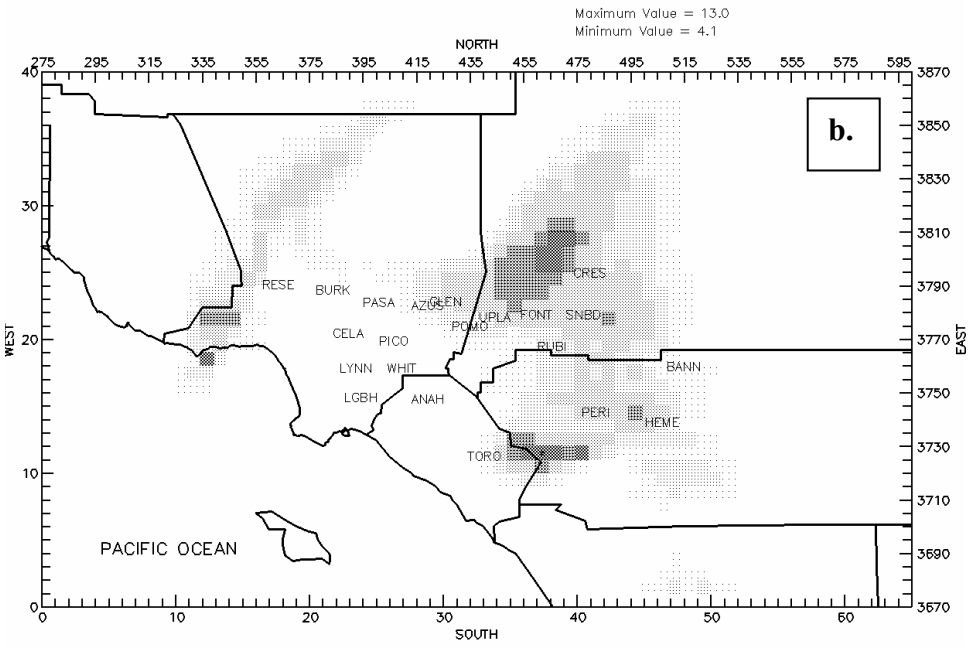


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with pl2_high_bc for the year 2010.
(Run pl2_high_bc – August 6 predictions 1-hour average)

Figure A-33

2010 Maximum predicted ozone (pphm) with Option-2 emissions:
Aug. .5, 1997 (a) and Aug. 6, 1997 (b), episodes

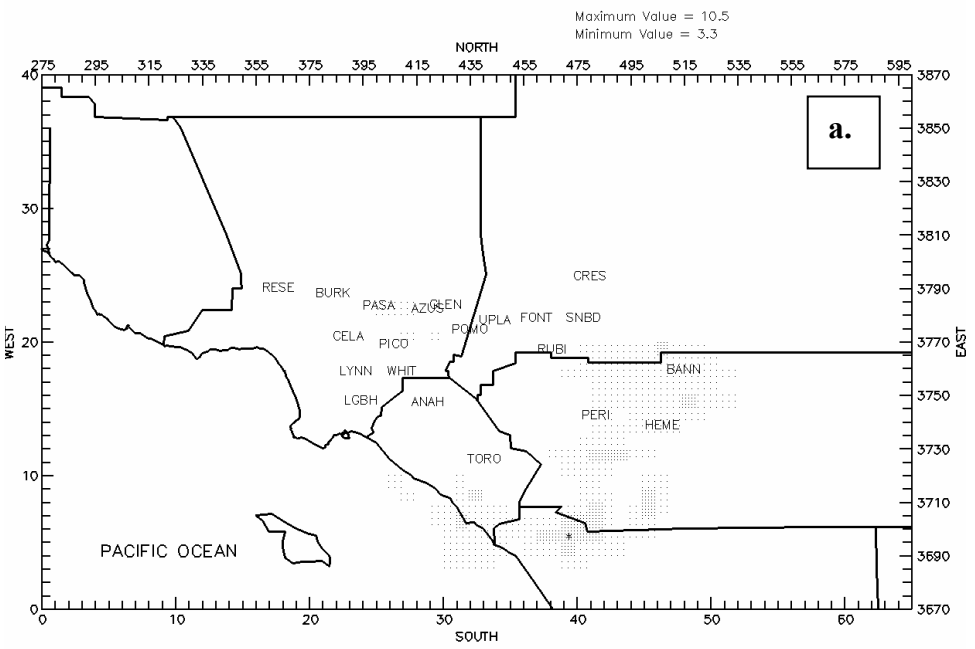


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with pl1bio1 for the year 2010.
(Run pl1bio1 – August 5 predictions 1–hour average)

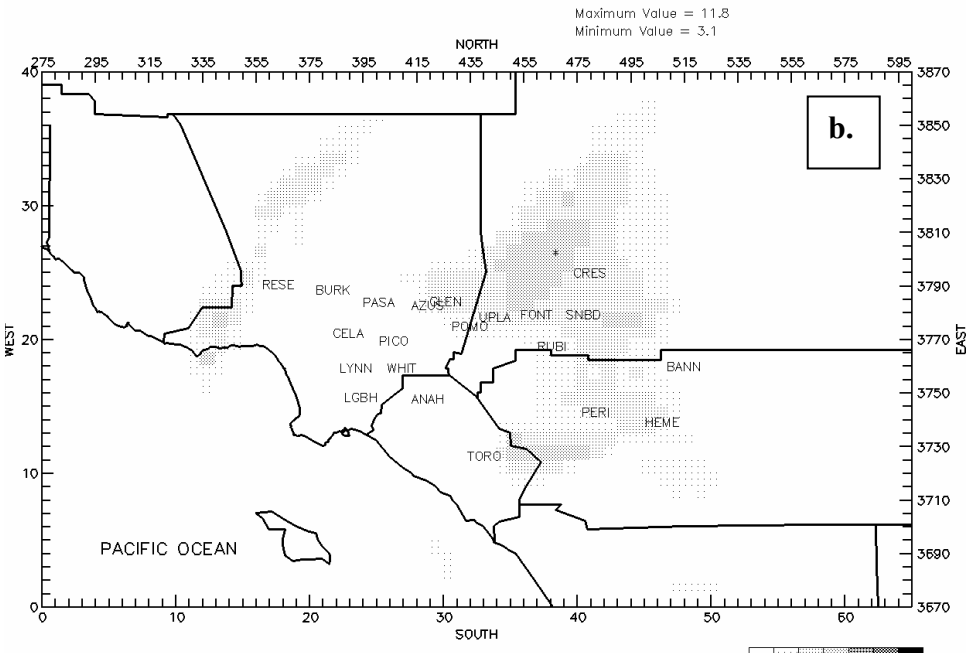


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with pl1bio1 for the year 2010.
(Run pl1bio1 – August 6 predictions 1–hour average)

Figure A-34

2010 Maximum predicted ozone (pphm) with Option-1 emissions with biogenic emissions reduced by 1/3: Aug. .5, 1997 (a) and Aug. 6, 1997 (b), episodes

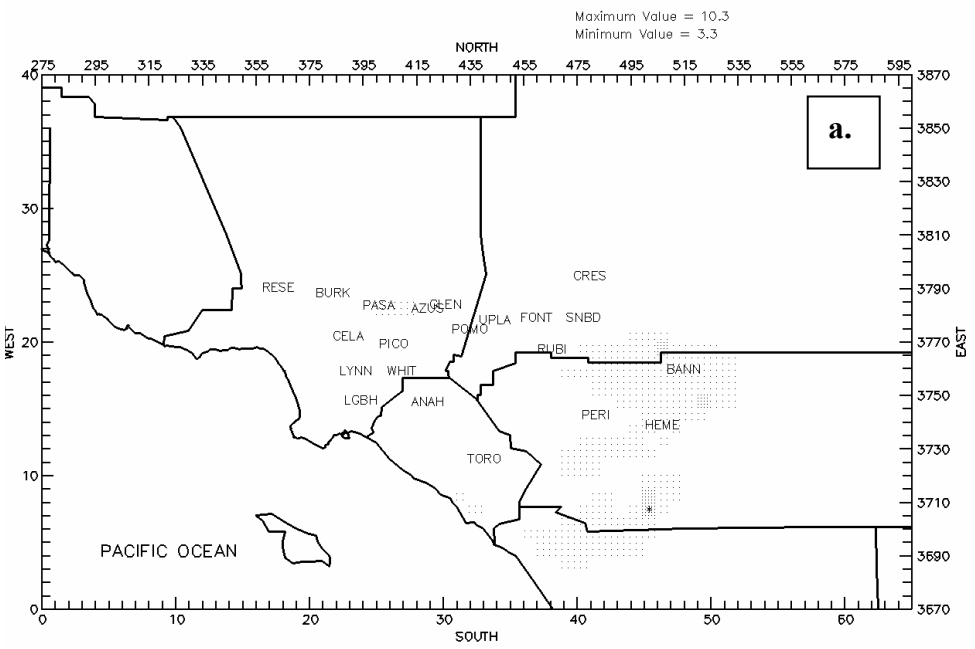


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with pl2bio1 for the year 2010.
(Run pl2bio1 – August 5 predictions 1–hour average)

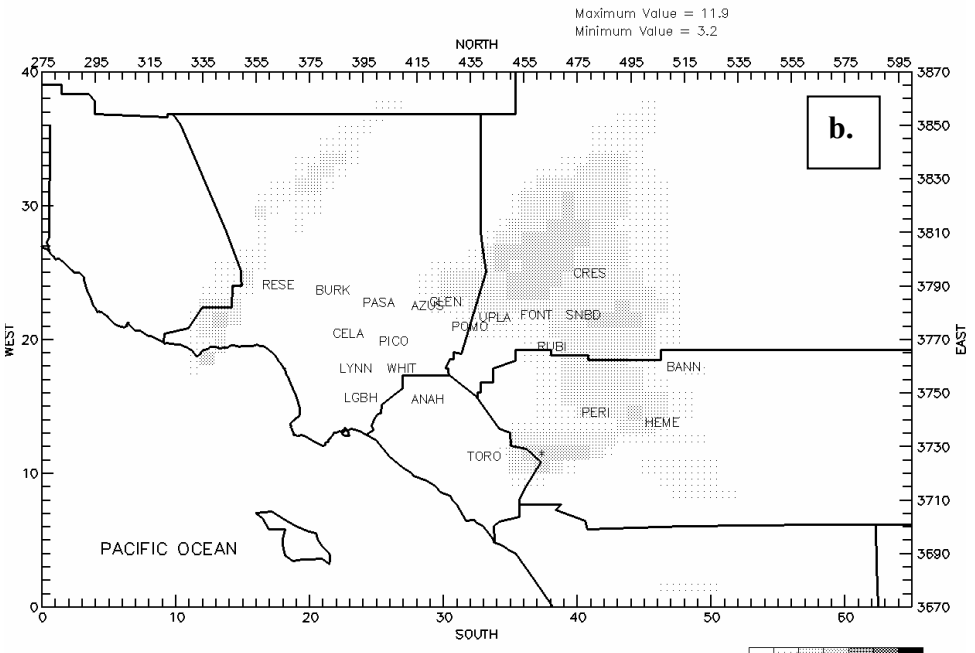


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with pl2bio1 for the year 2010.
(Run pl2bio1 – August 6 predictions 1–hour average)

Figure A-35

2010 Maximum predicted ozone (pphm) with Option-2 emissions with biogenic emissions reduced by 1/3: Aug. .5, 1997 (a) and Aug. 6, 1997 (b), episodes

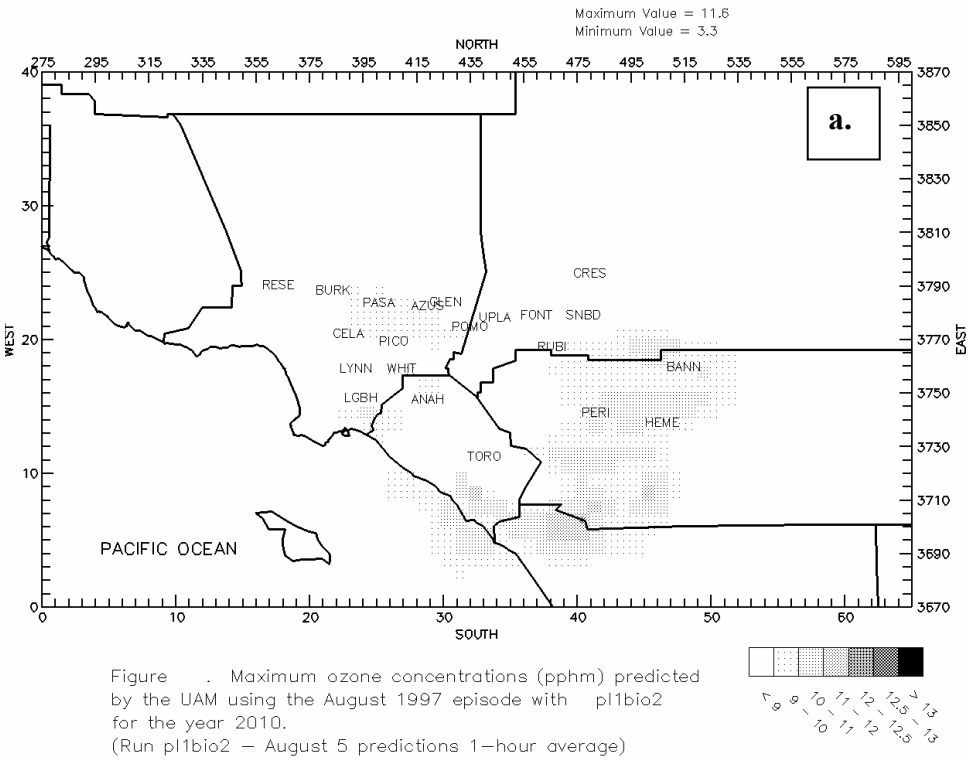


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with pl1bio2 for the year 2010.
(Run pl1bio2 – August 5 predictions 1–hour average)

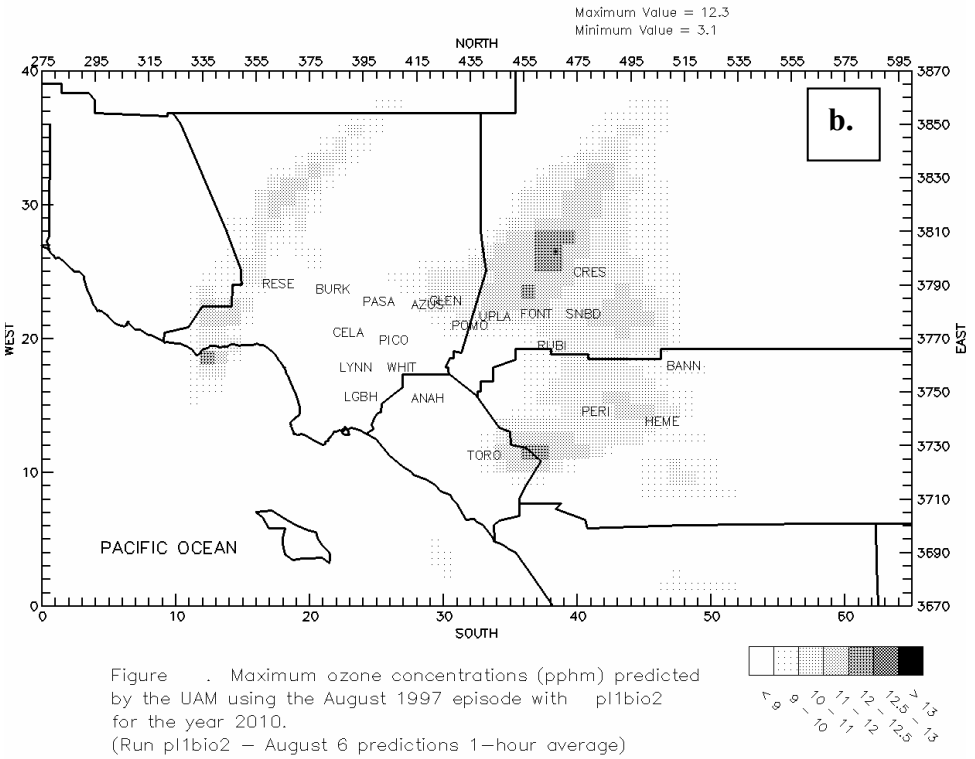


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with pl1bio2 for the year 2010.
(Run pl1bio2 – August 6 predictions 1–hour average)

Figure A-36

2010 Maximum predicted ozone (pphm) with Option-1 emissions with biogenic emissions reduced by 1/3 in the Cleveland Forrest: Aug. .5, 1997 (a) and Aug. 6, 1997 (b), episodes

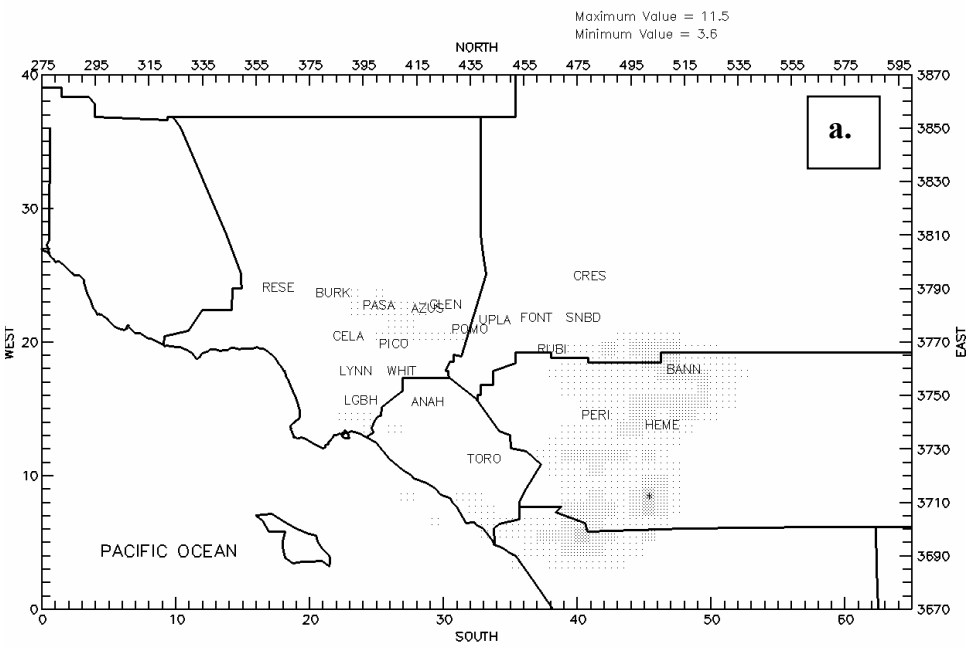


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with p12bio2 for the year 2010.
(Run p12bio2 – August 5 predictions 1–hour average)

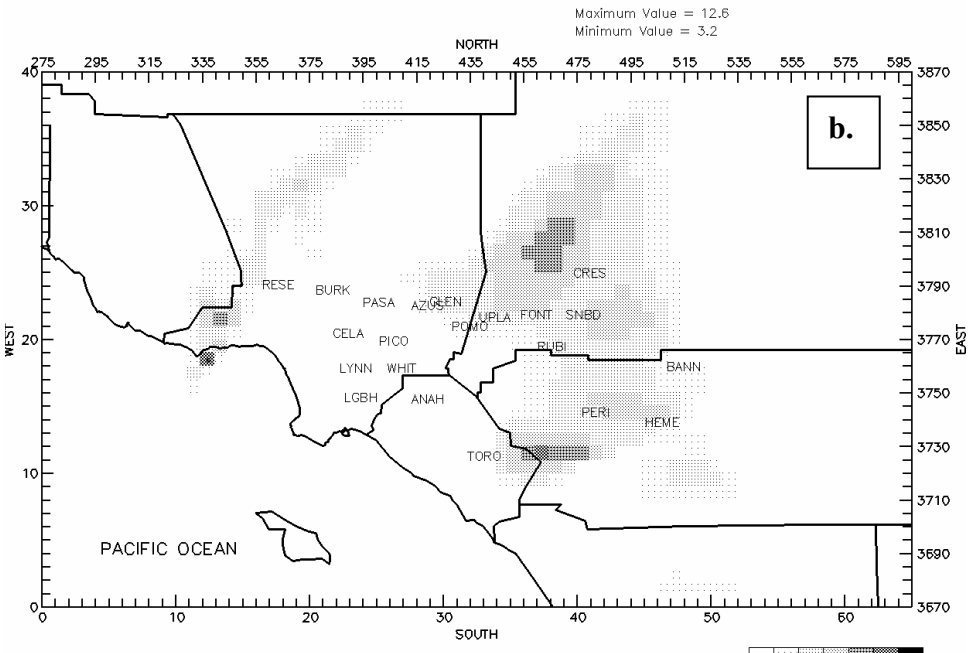


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with p12bio2 for the year 2010.
(Run p12bio2 – August 6 predictions 1–hour average)

Figure A-37

2010 Maximum predicted ozone (pphm) with Option-2 emissions with biogenic emissions reduced by 1/3 in the Cleveland Forrest: Aug. .5, 1997 (a) and Aug. 6, 1997 (b), episodes

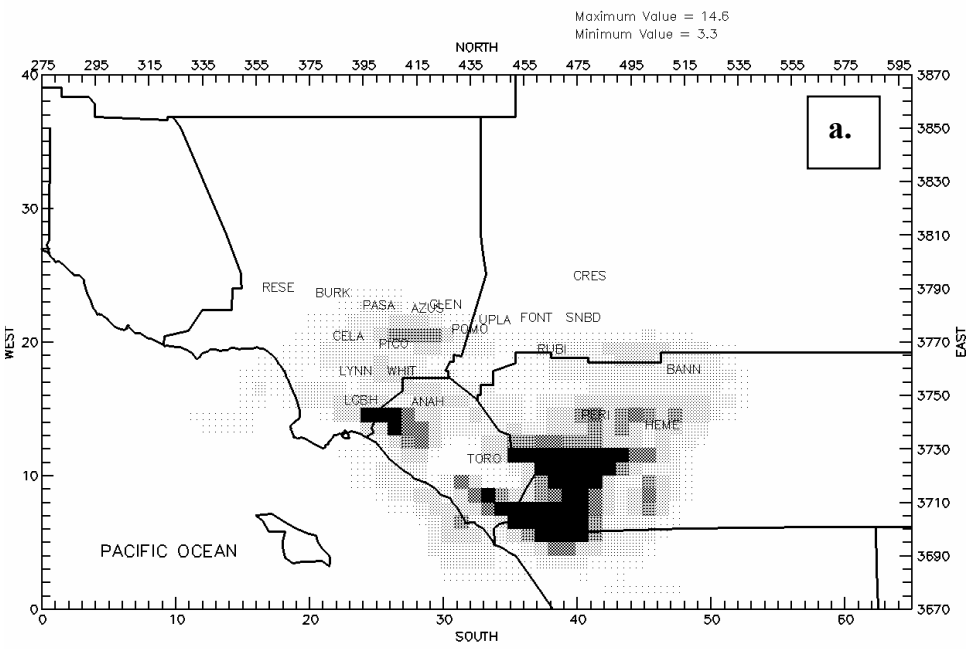


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with pl1bio3 for the year 2010.
(Run pl1bio3 – August 5 predictions 1–hour average)

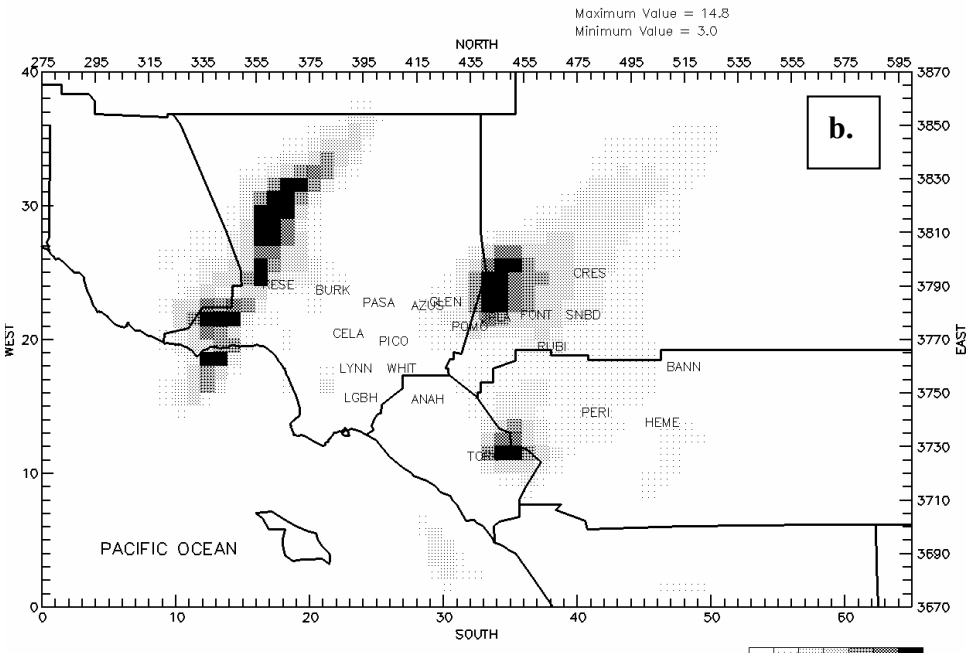


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with pl1bio3 for the year 2010.
(Run pl1bio3 – August 6 predictions 1–hour average)

Figure A-38

2010 Maximum predicted ozone (pphm) with Option-1 emissions with doubled biogenic emissions: Aug. .5, 1997 (a) and Aug. 6, 1997 (b), episodes

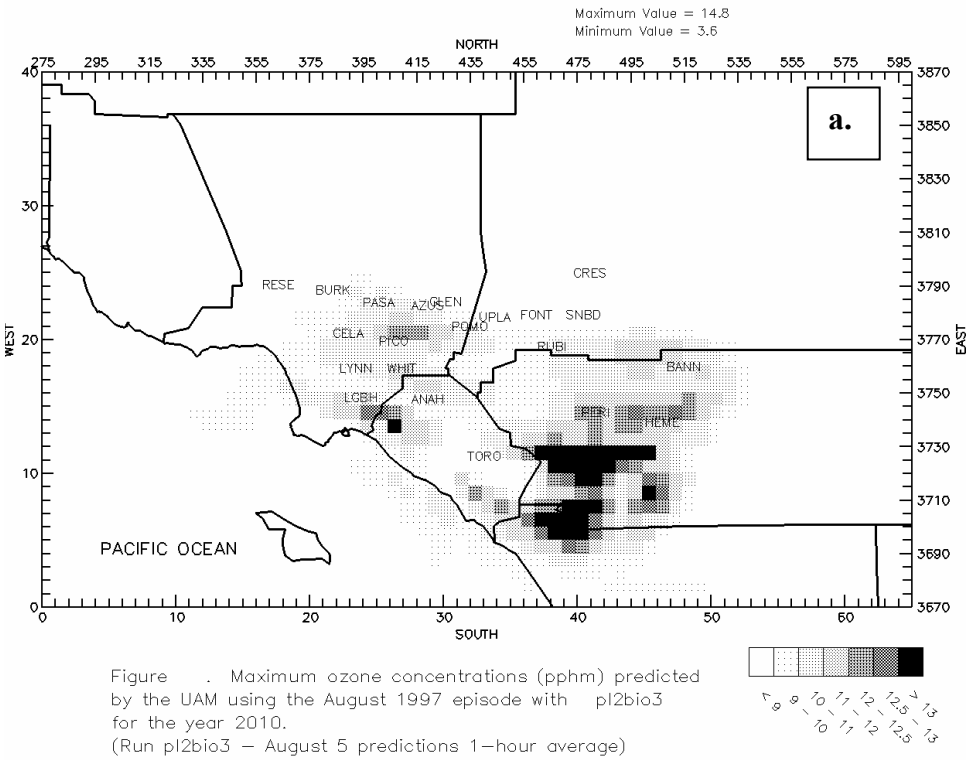


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with pl2bio3 for the year 2010.
(Run pl2bio3 – August 5 predictions 1–hour average)

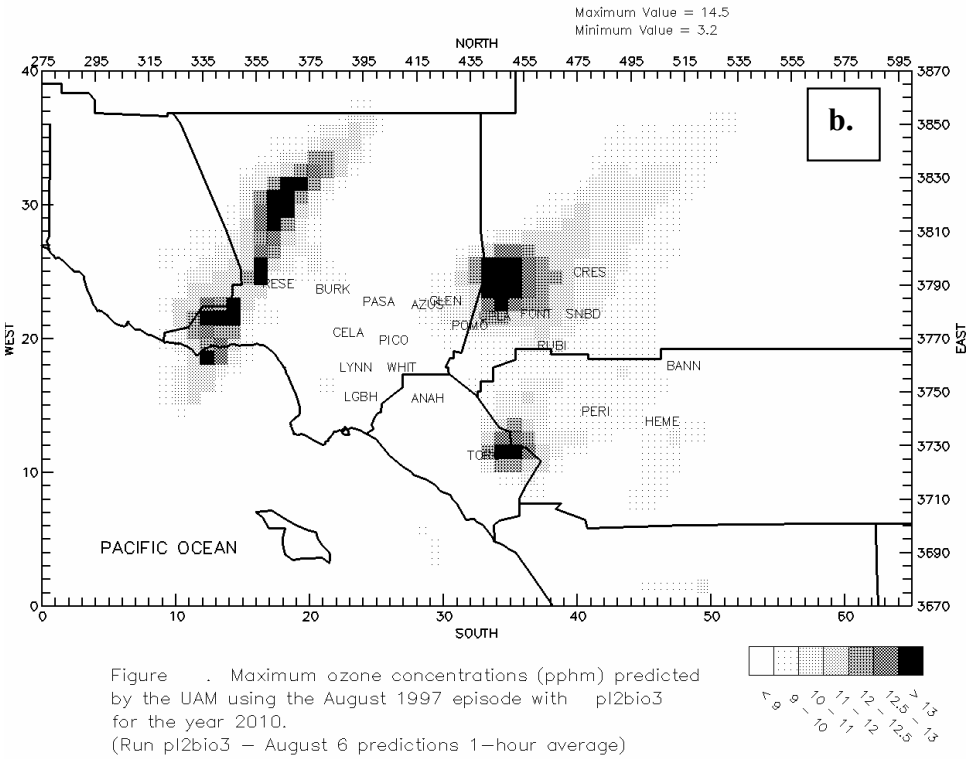


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with pl2bio3 for the year 2010.
(Run pl2bio3 – August 6 predictions 1–hour average)

Figure A-39

2010 Maximum predicted ozone (pphm) with Option-2 emissions with doubled biogenic emissions: Aug. .5, 1997 (a) and Aug. 6, 1997 (b), episodes

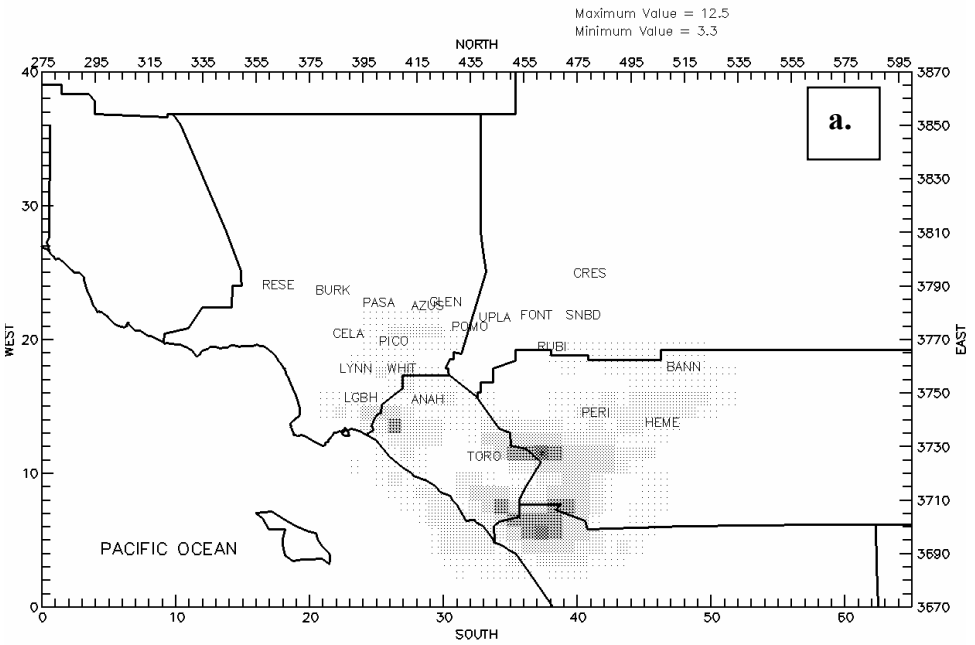


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with pl1we for the year 2010.
(Run pl1we – August 5 predictions 1–hour average)

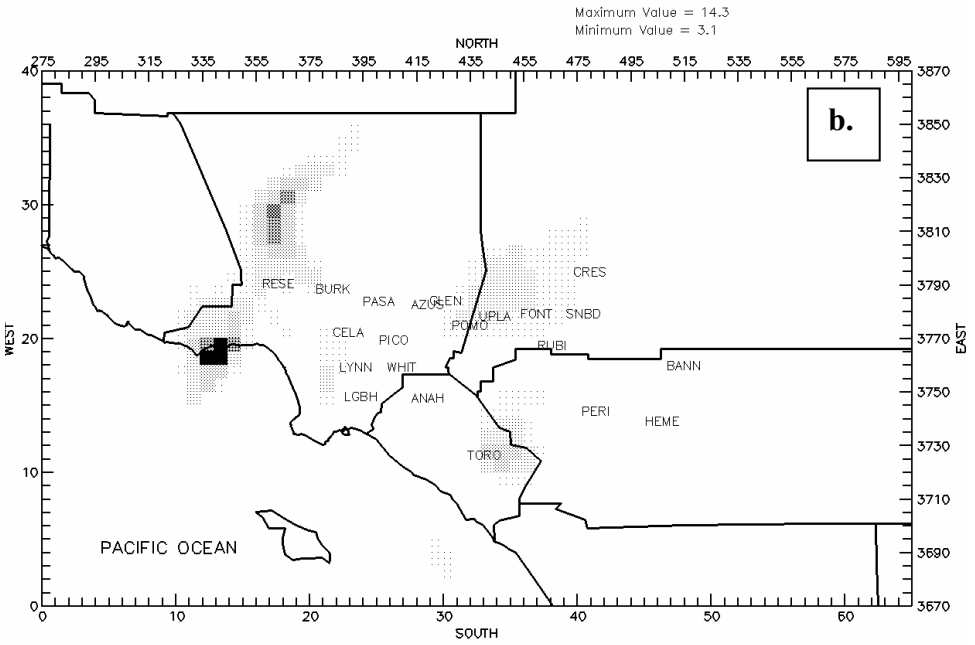


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with pl1we for the year 2010.
(Run pl1we – August 6 predictions 1–hour average)

Figure A-40

2010 Maximum predicted ozone (pphm) with Option-1 emissions with weekend emissions: Aug. .5, 1997 (a) assumed as Saturday and Aug. 6, 1997 (b) assumed as Sunday

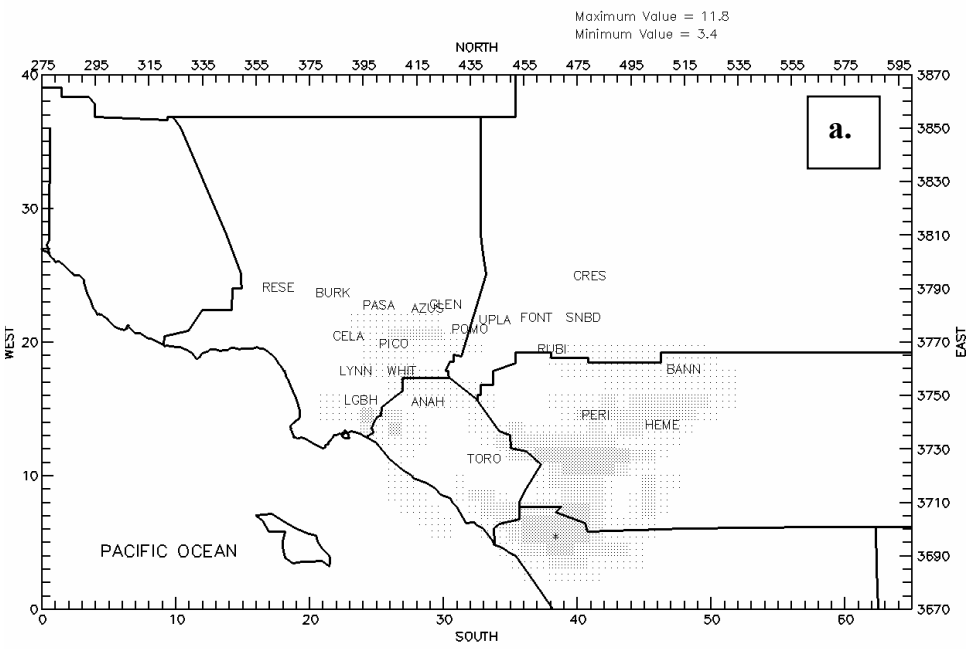


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with pl2we for the year 2010.
(Run pl2we – August 5 predictions 1–hour average)

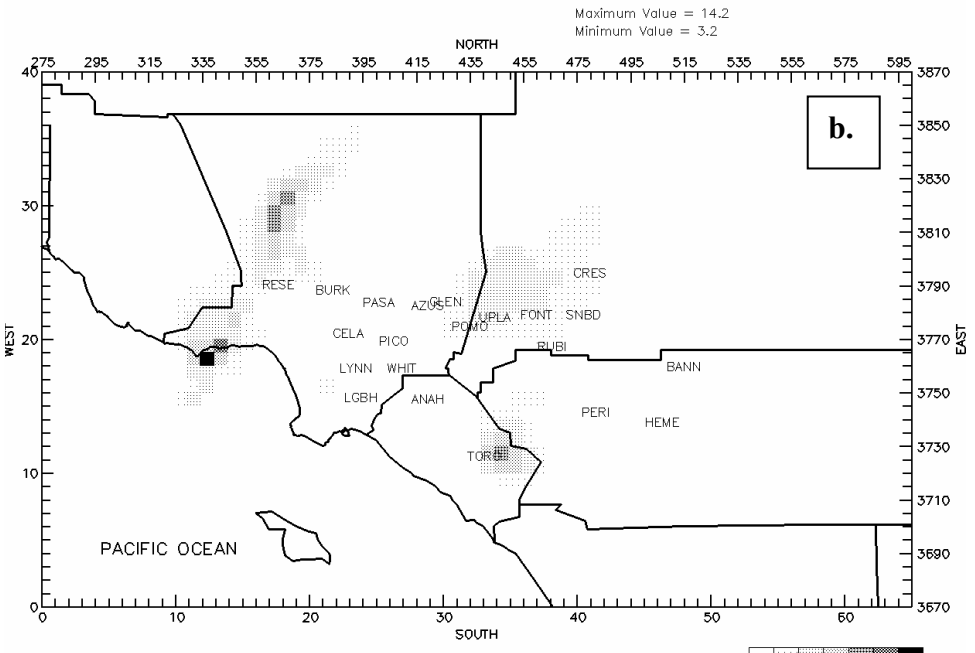


Figure . Maximum ozone concentrations (pphm) predicted by the UAM using the August 1997 episode with pl2we for the year 2010.
(Run pl2we – August 6 predictions 1–hour average)

Figure A-41

2010 Maximum predicted ozone (pphm) with Option-2 emissions with weekend emissions: Aug. .5, 1997 (a) assumed as Saturday and Aug. 6, 1997 (b) assumed as Sunday

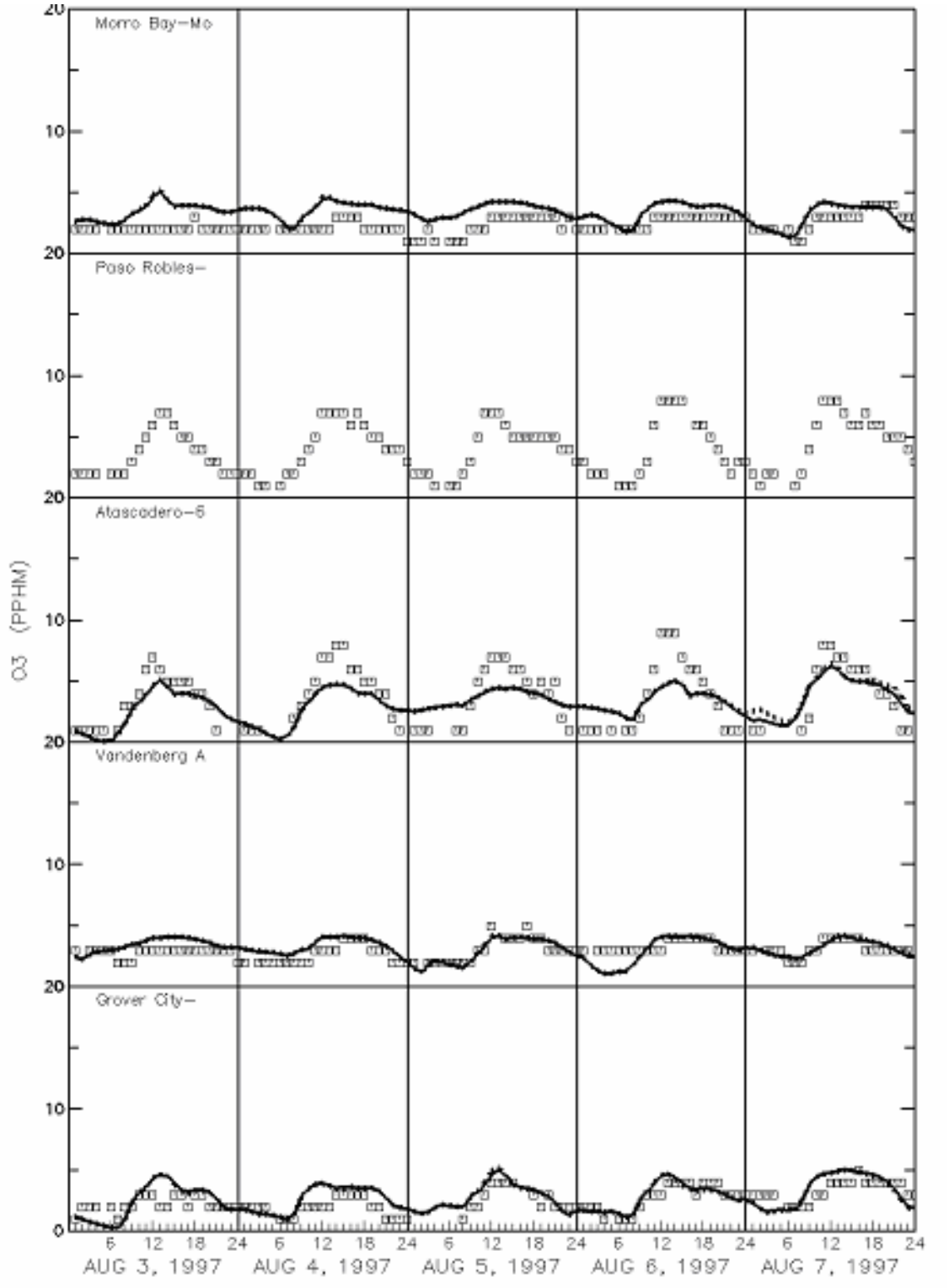


Figure A-42a

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

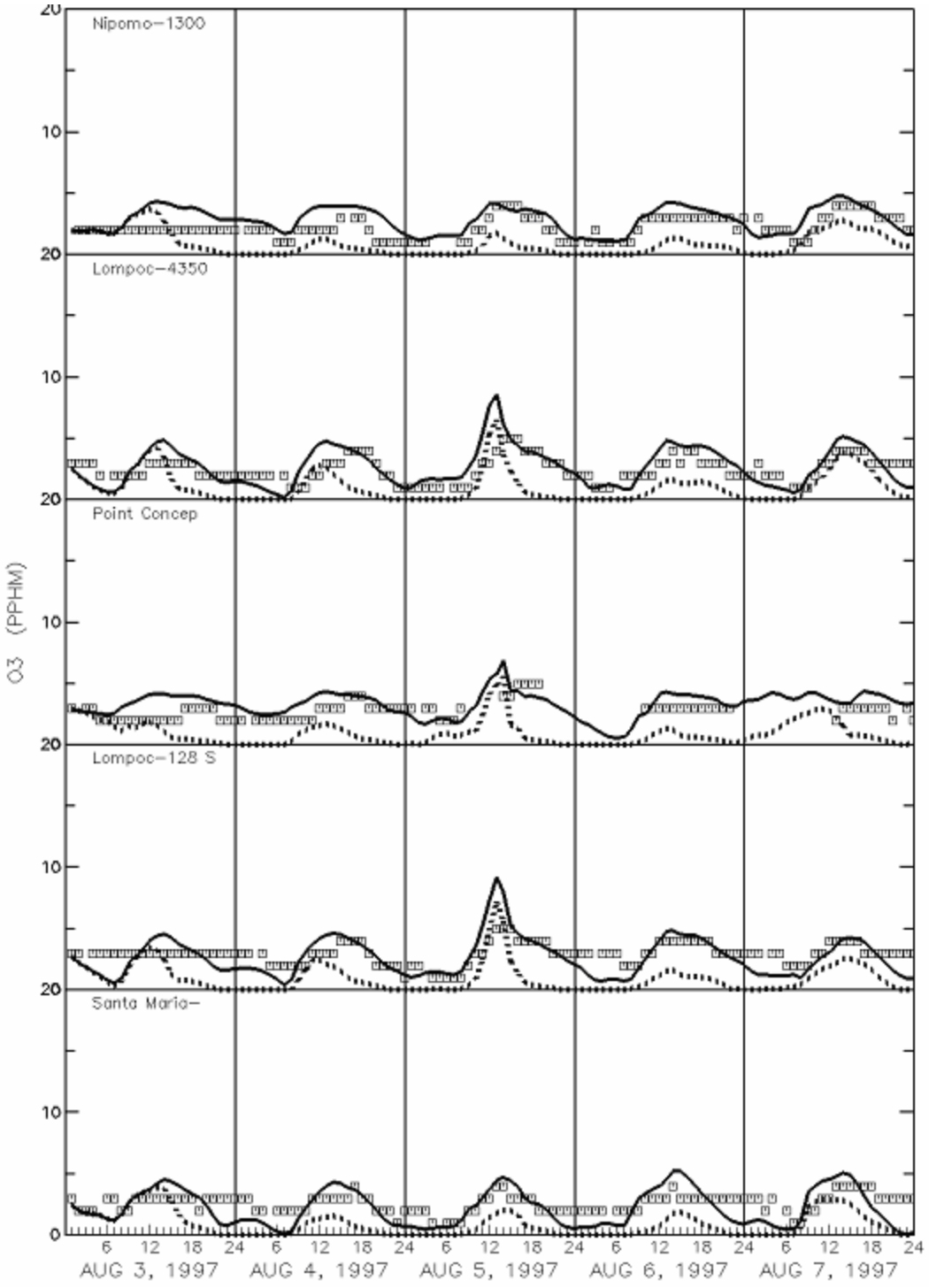


Figure A-42b

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

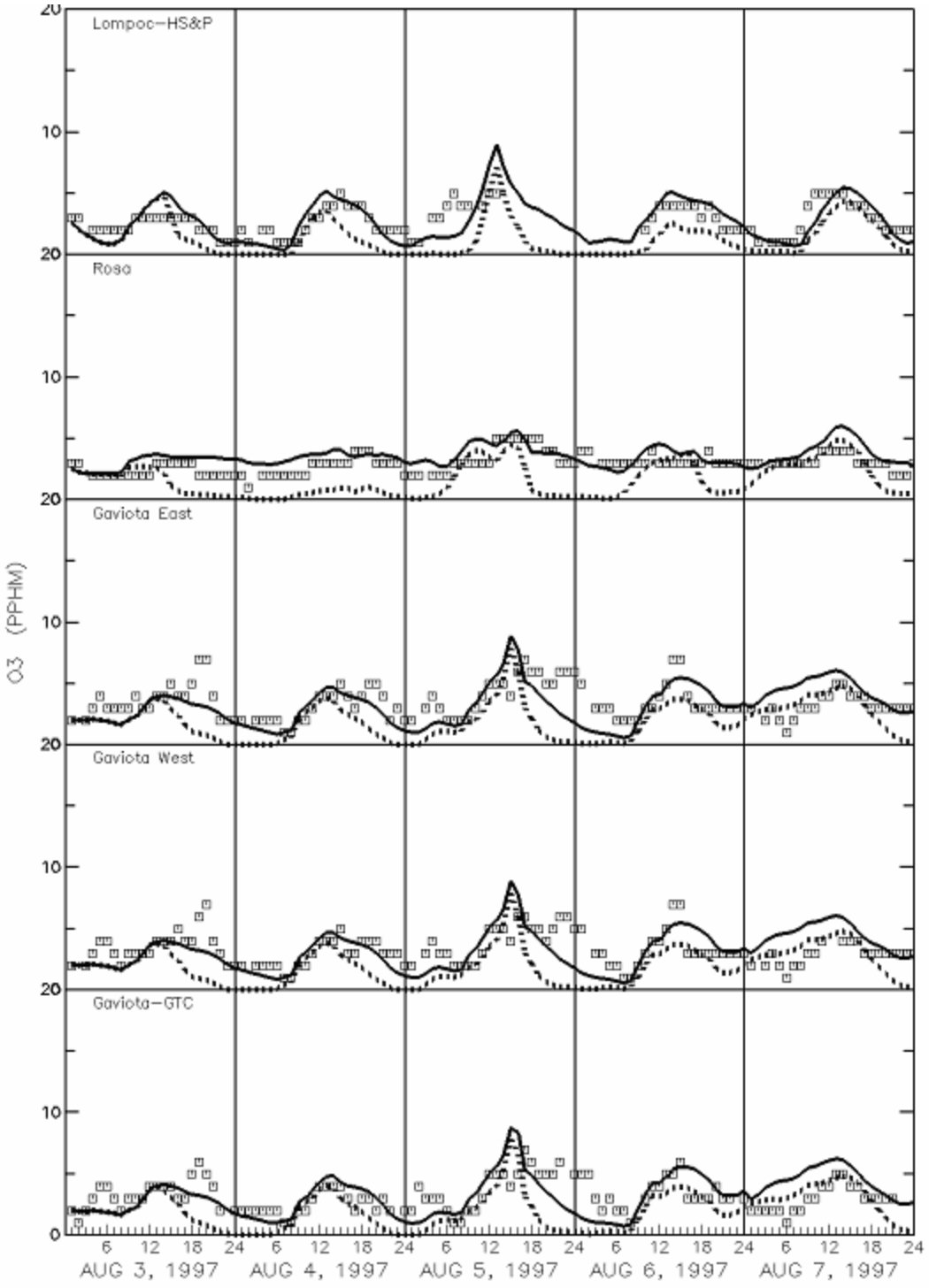


Figure A-42c

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

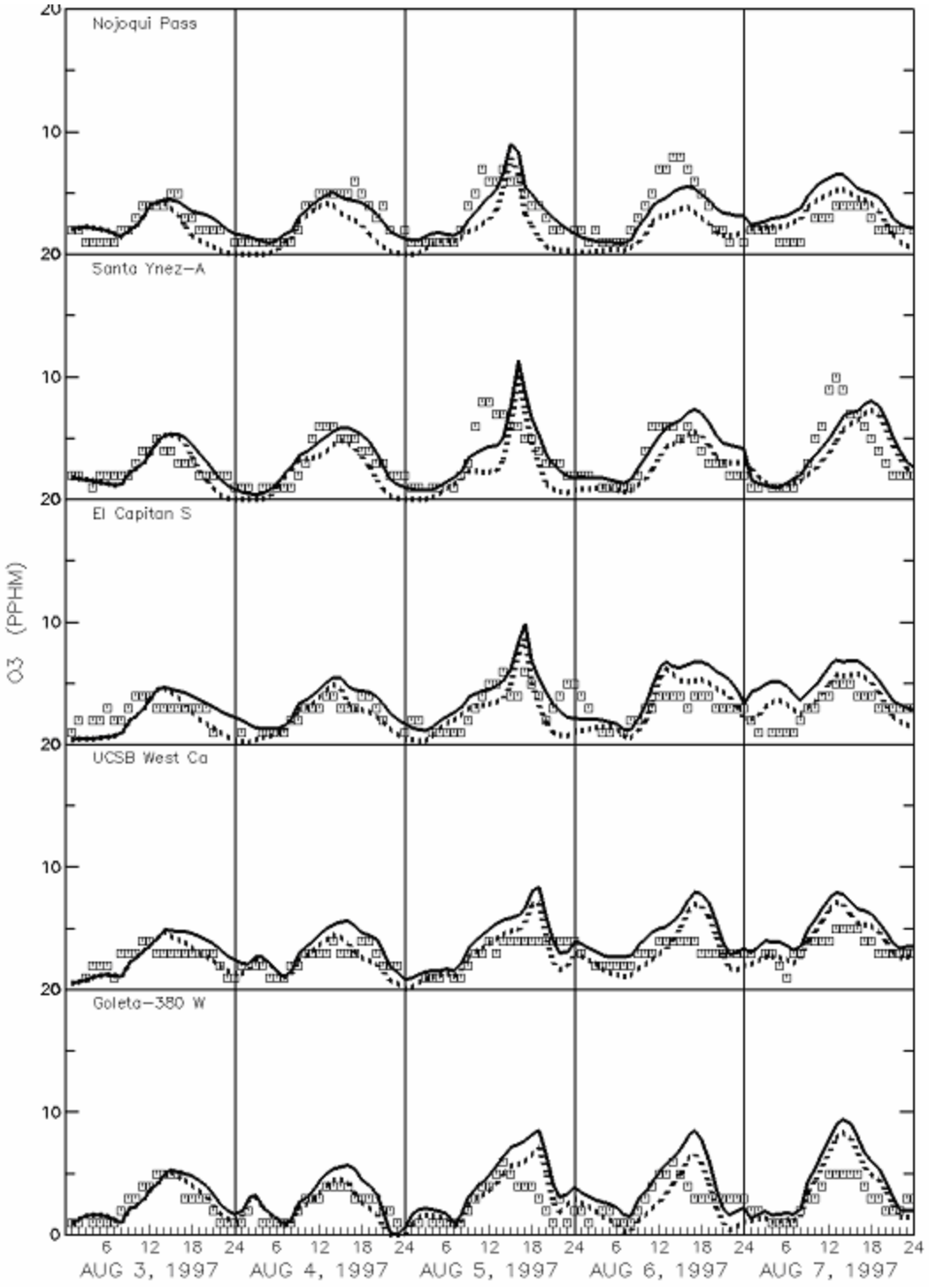


Figure A-42d

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

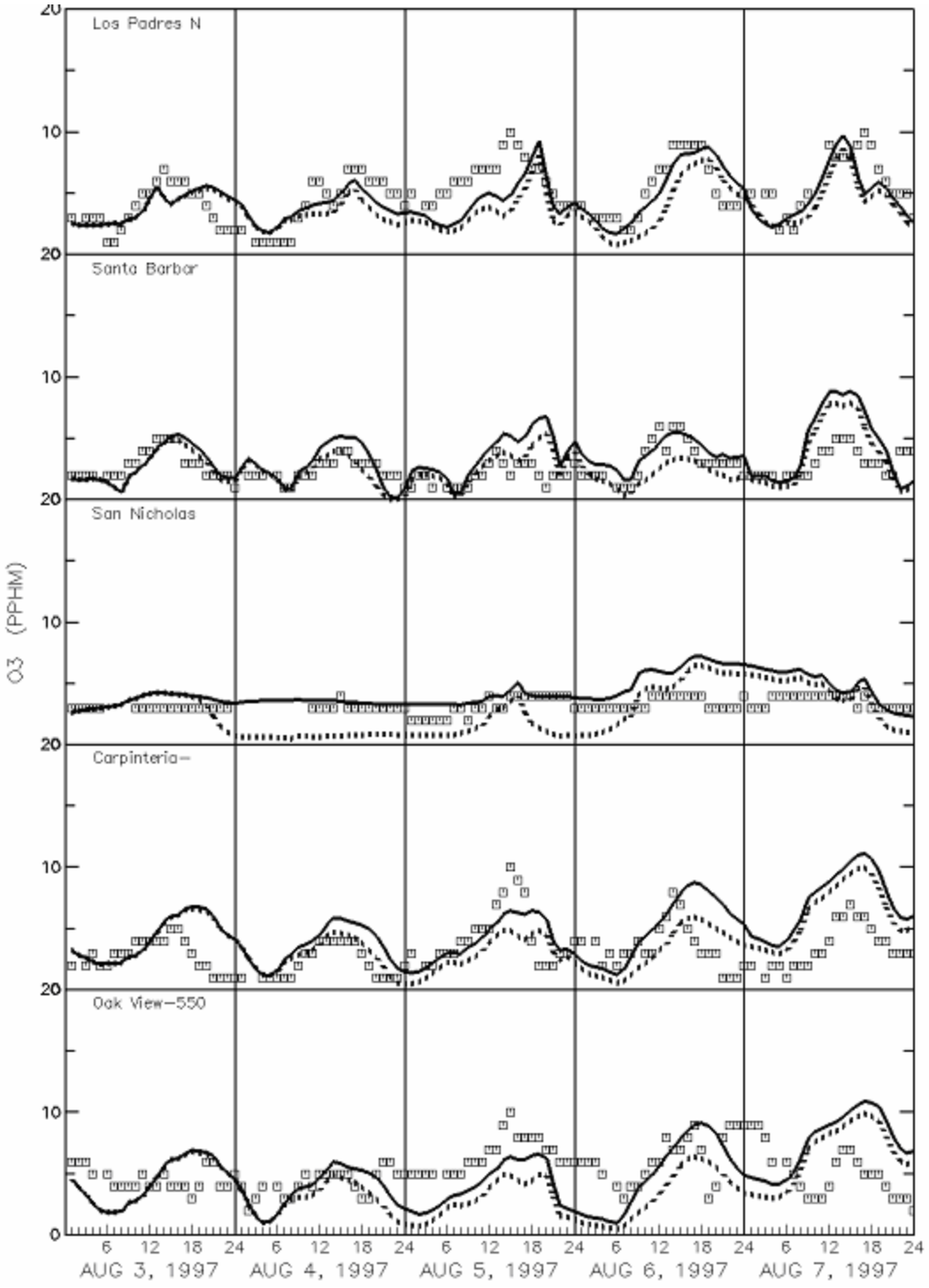


Figure A-42e

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

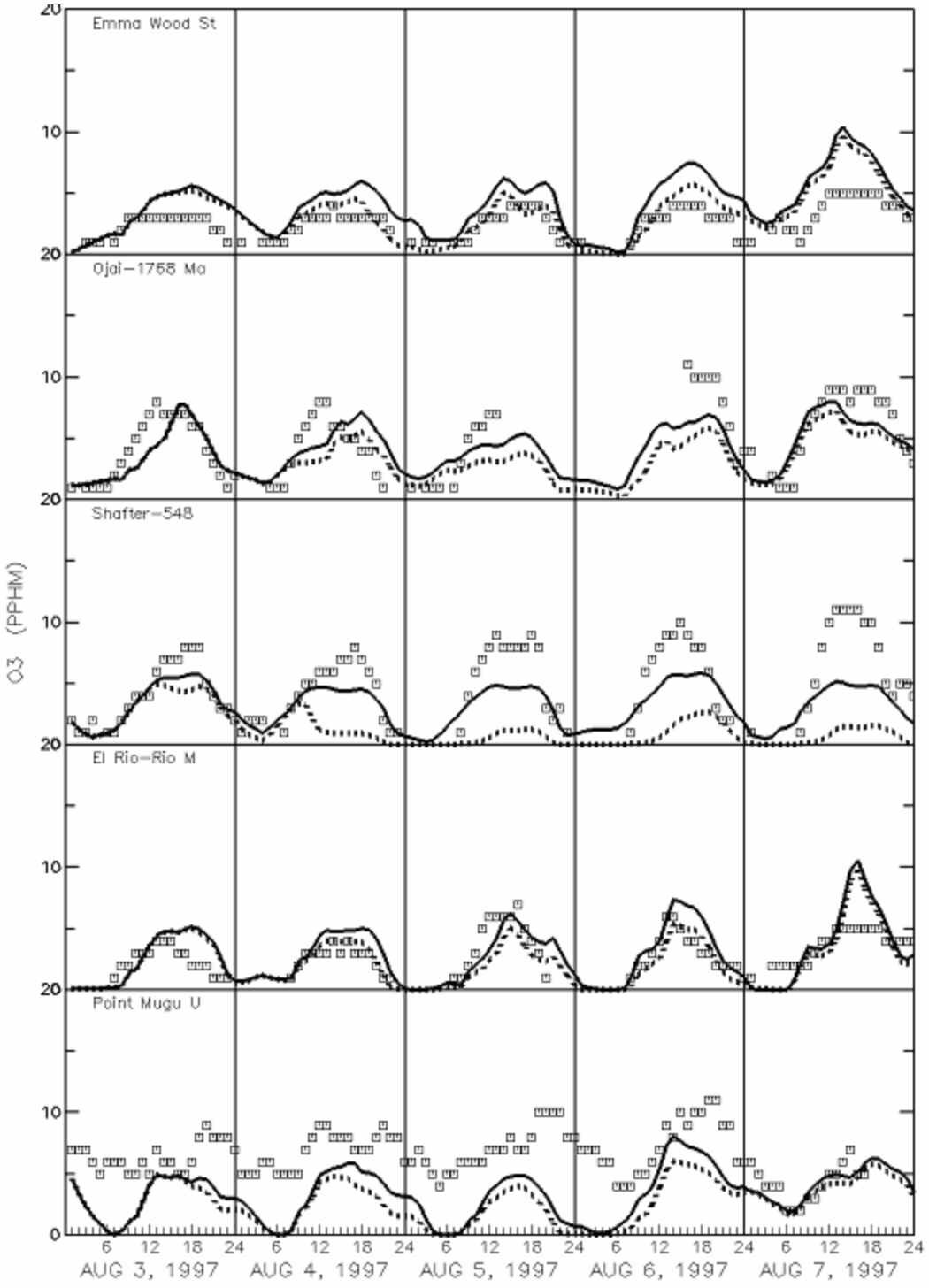


Figure A-42f

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

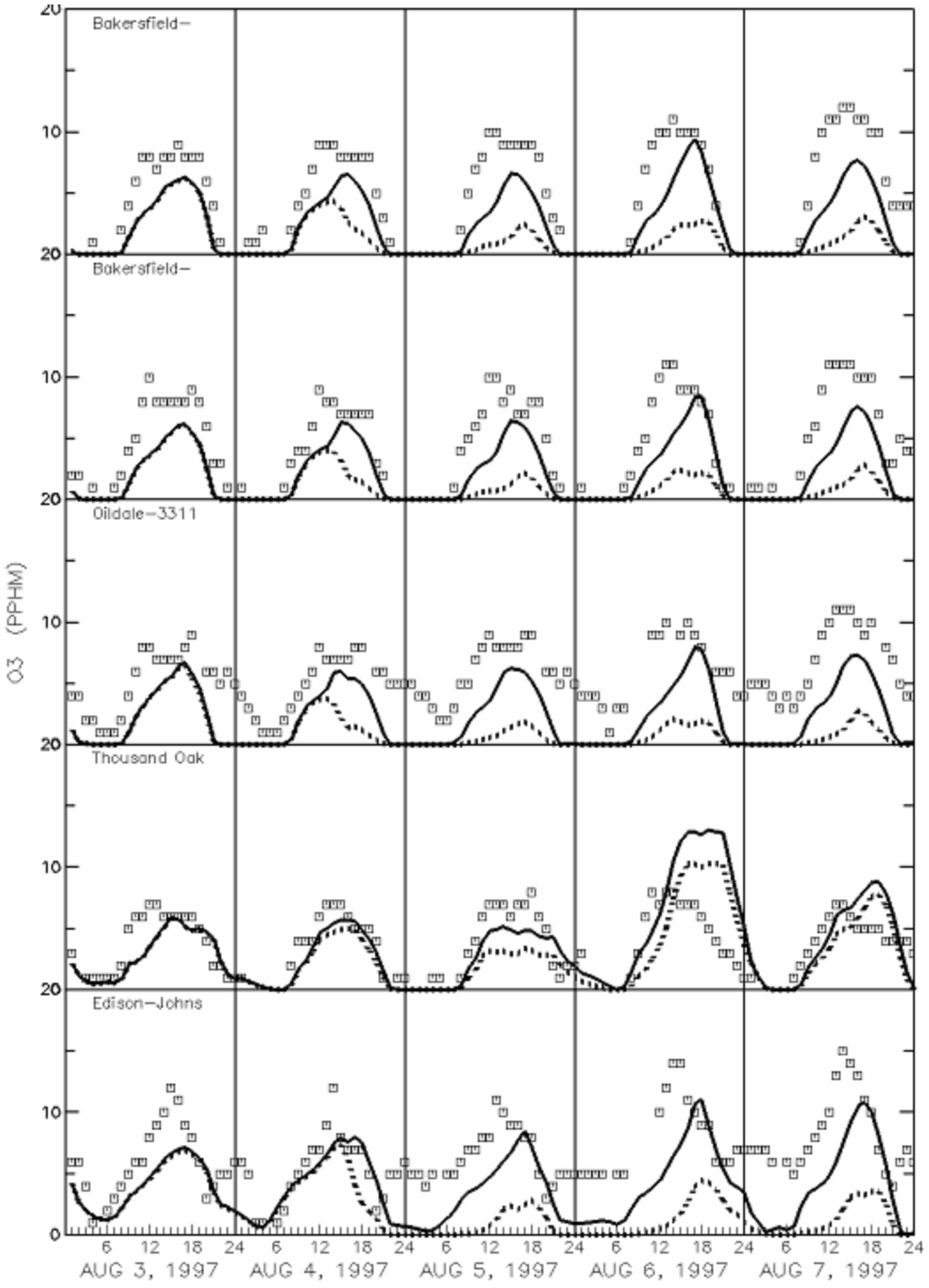


Figure A-42g

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

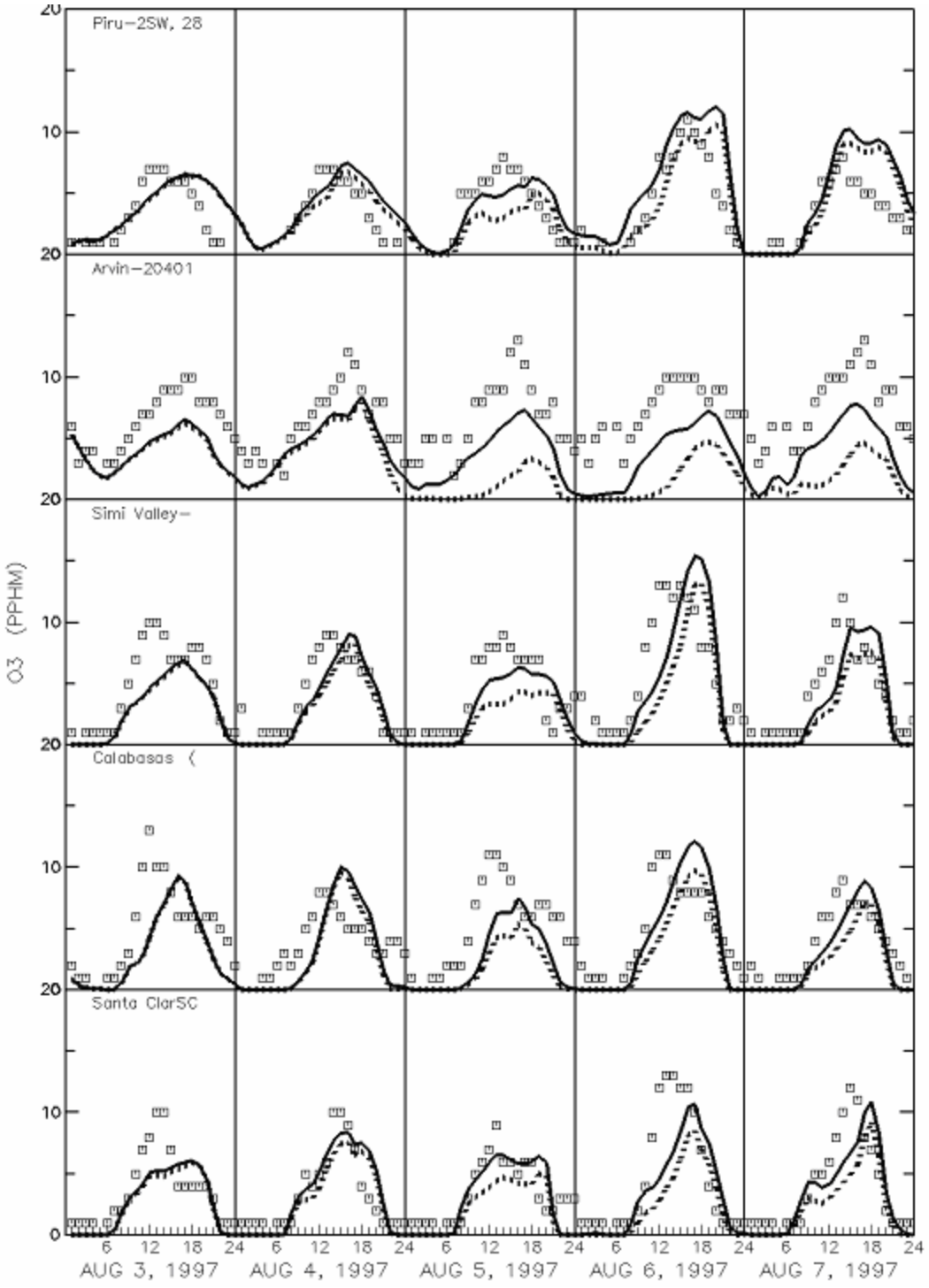


Figure A-42h

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

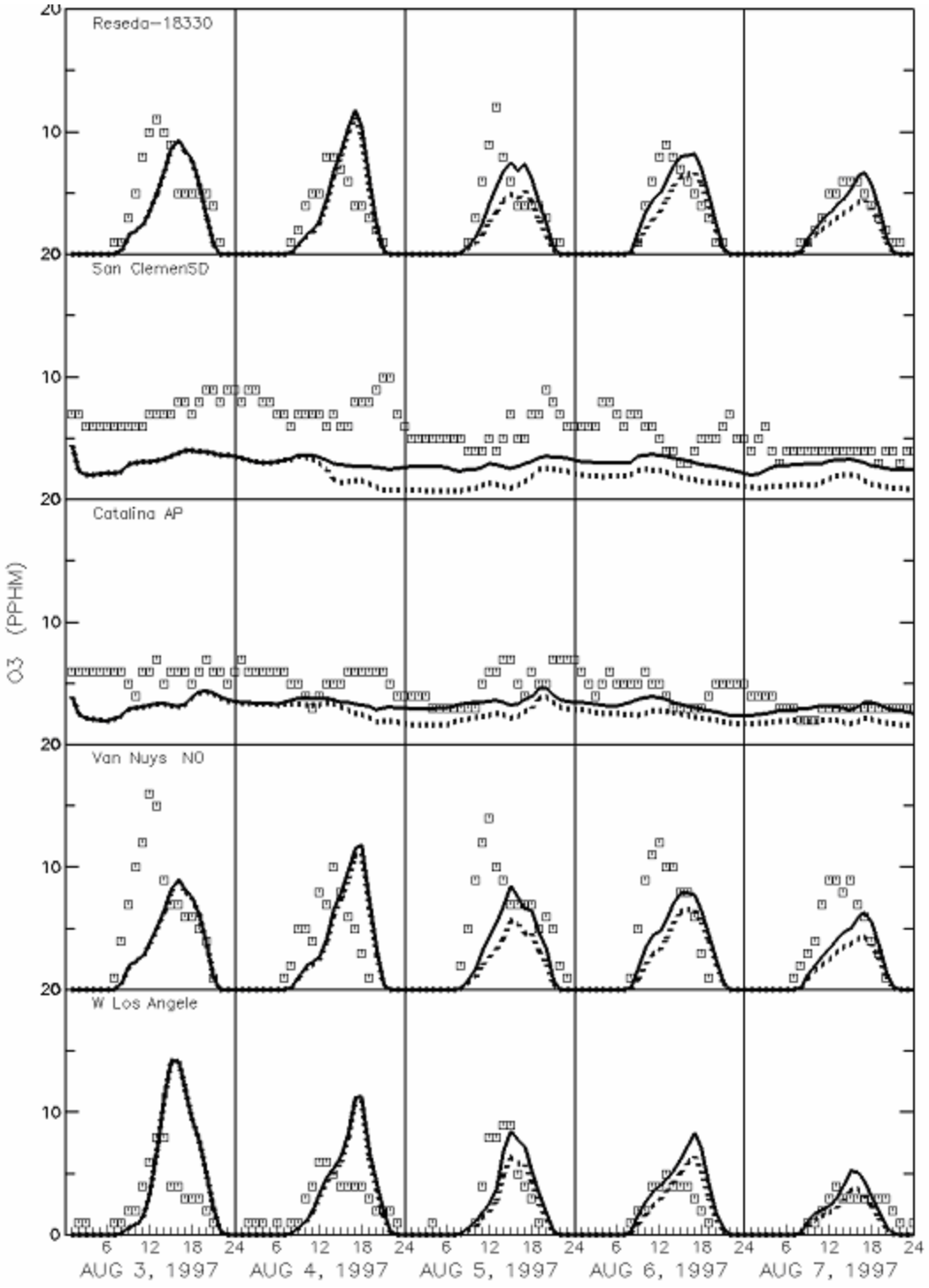


Figure A-42i

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

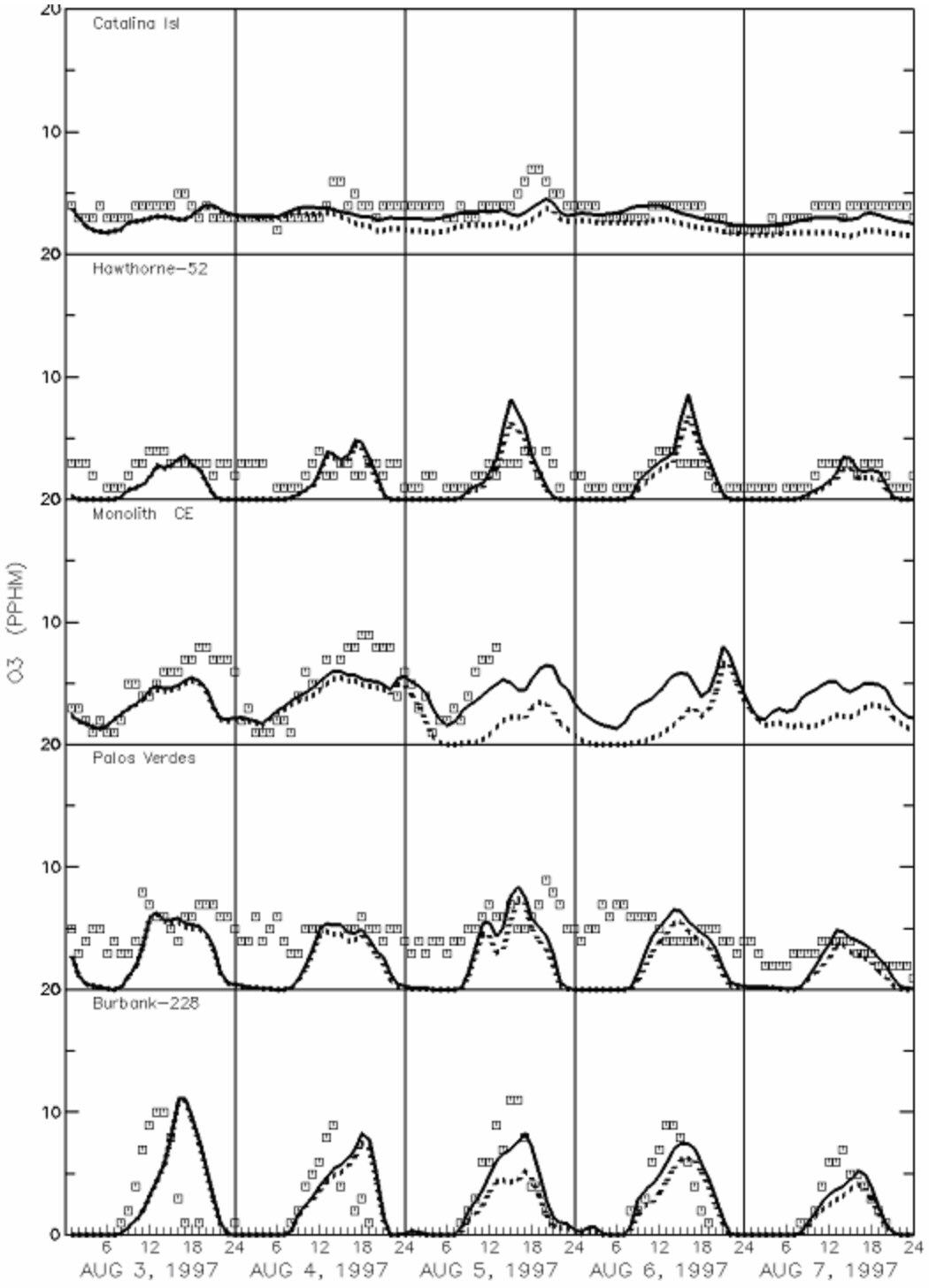


Figure A-42j

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

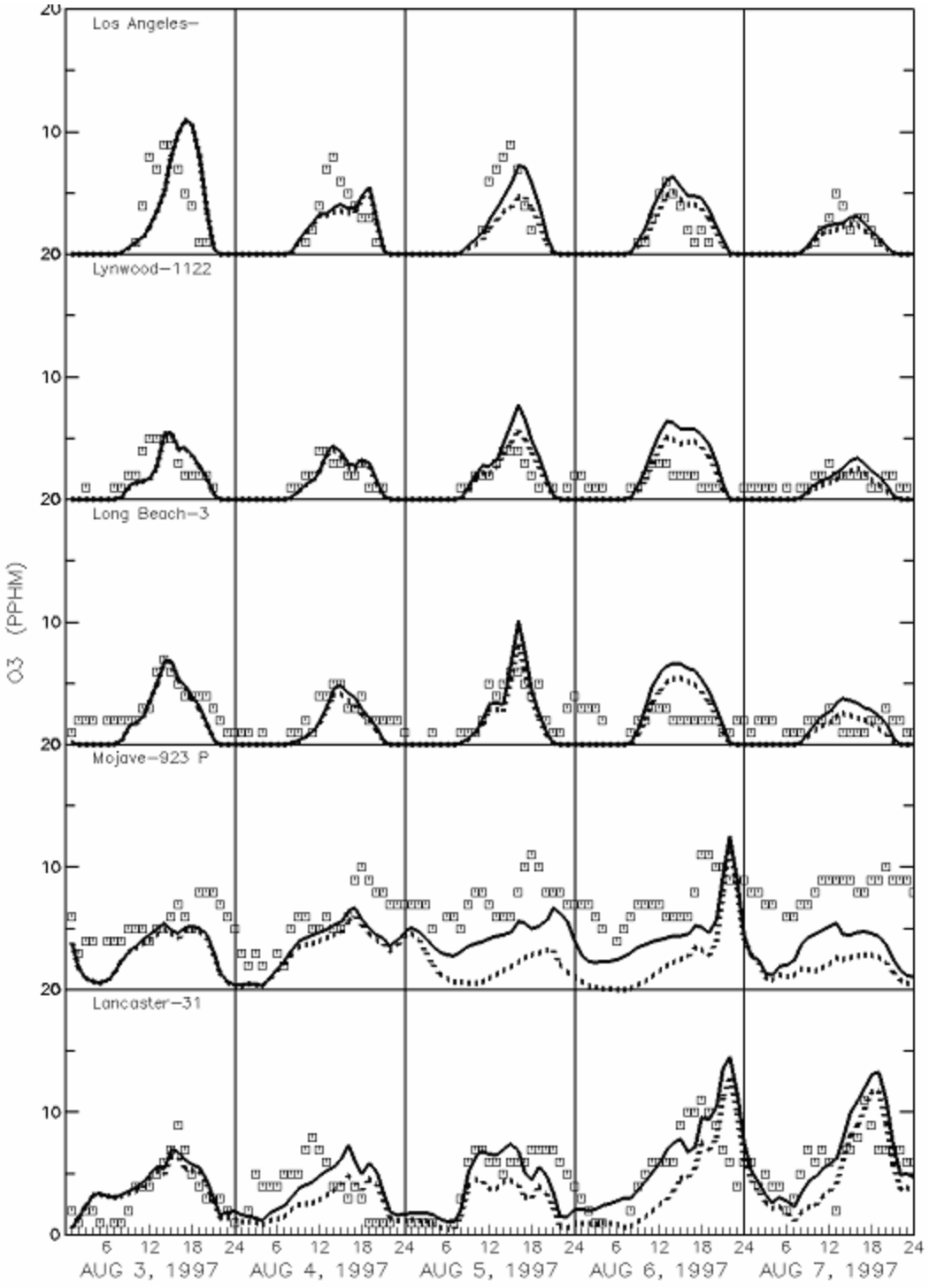


Figure A-42k

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

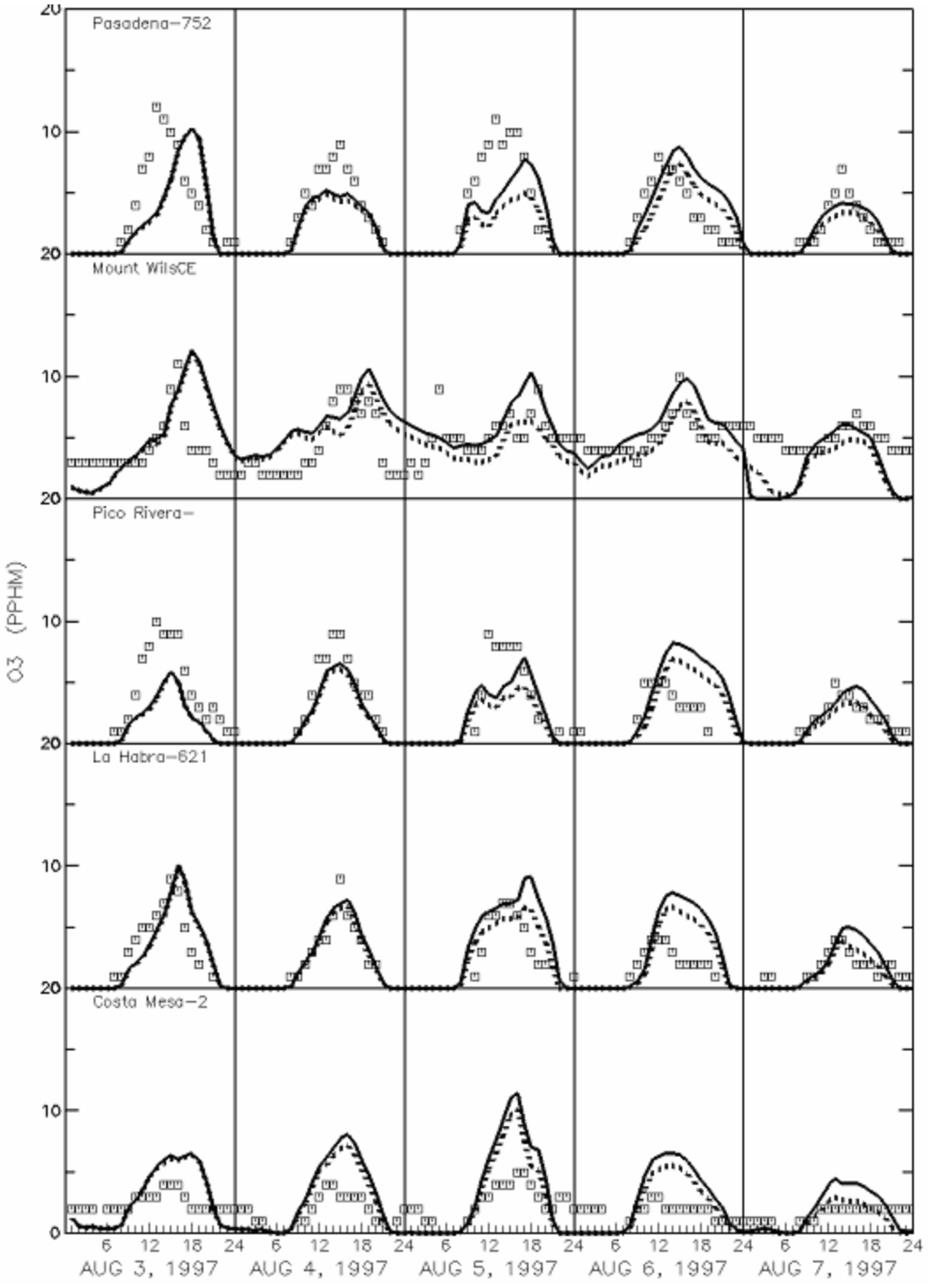


Figure A-42l

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

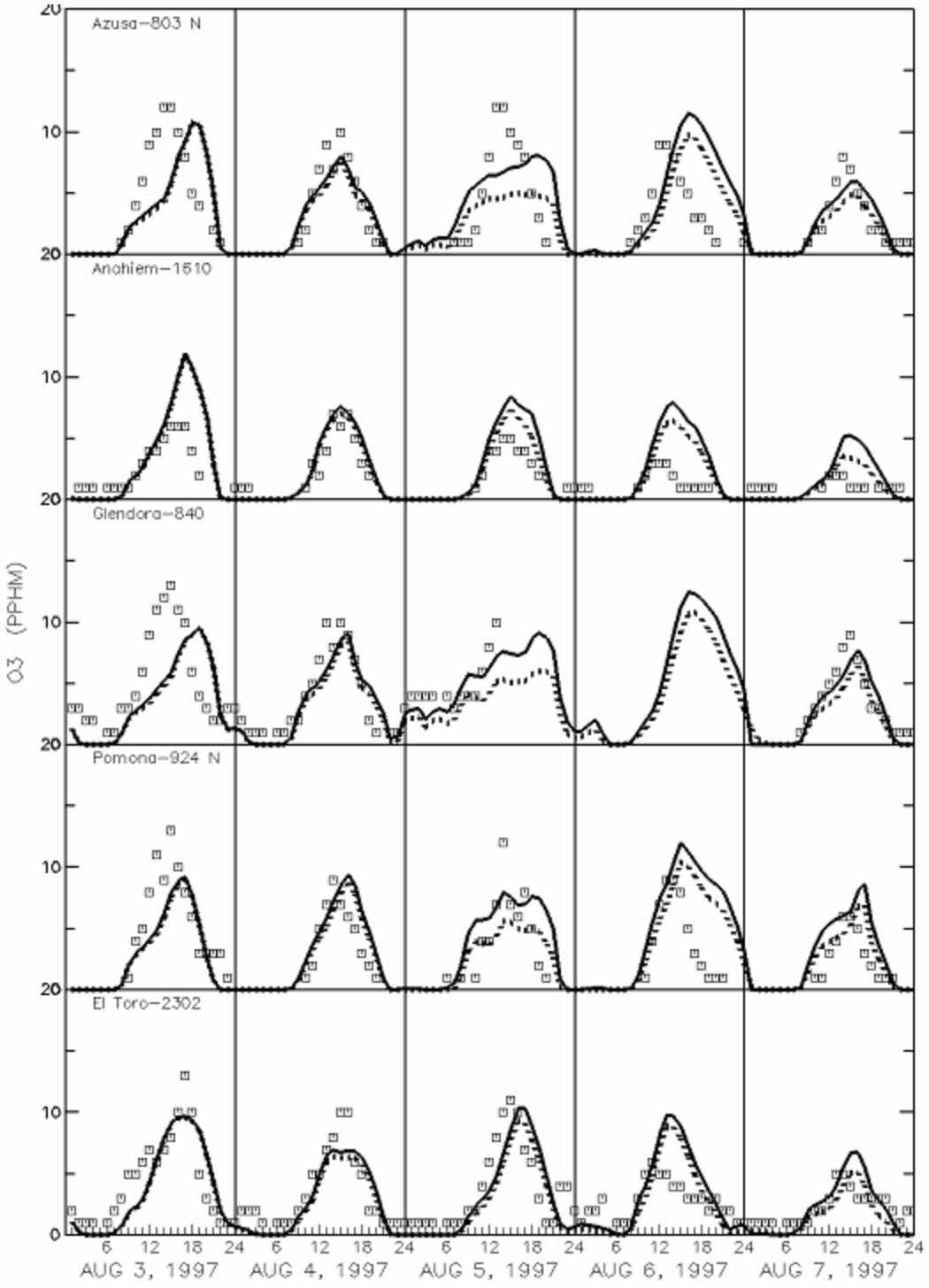


Figure A-42m

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

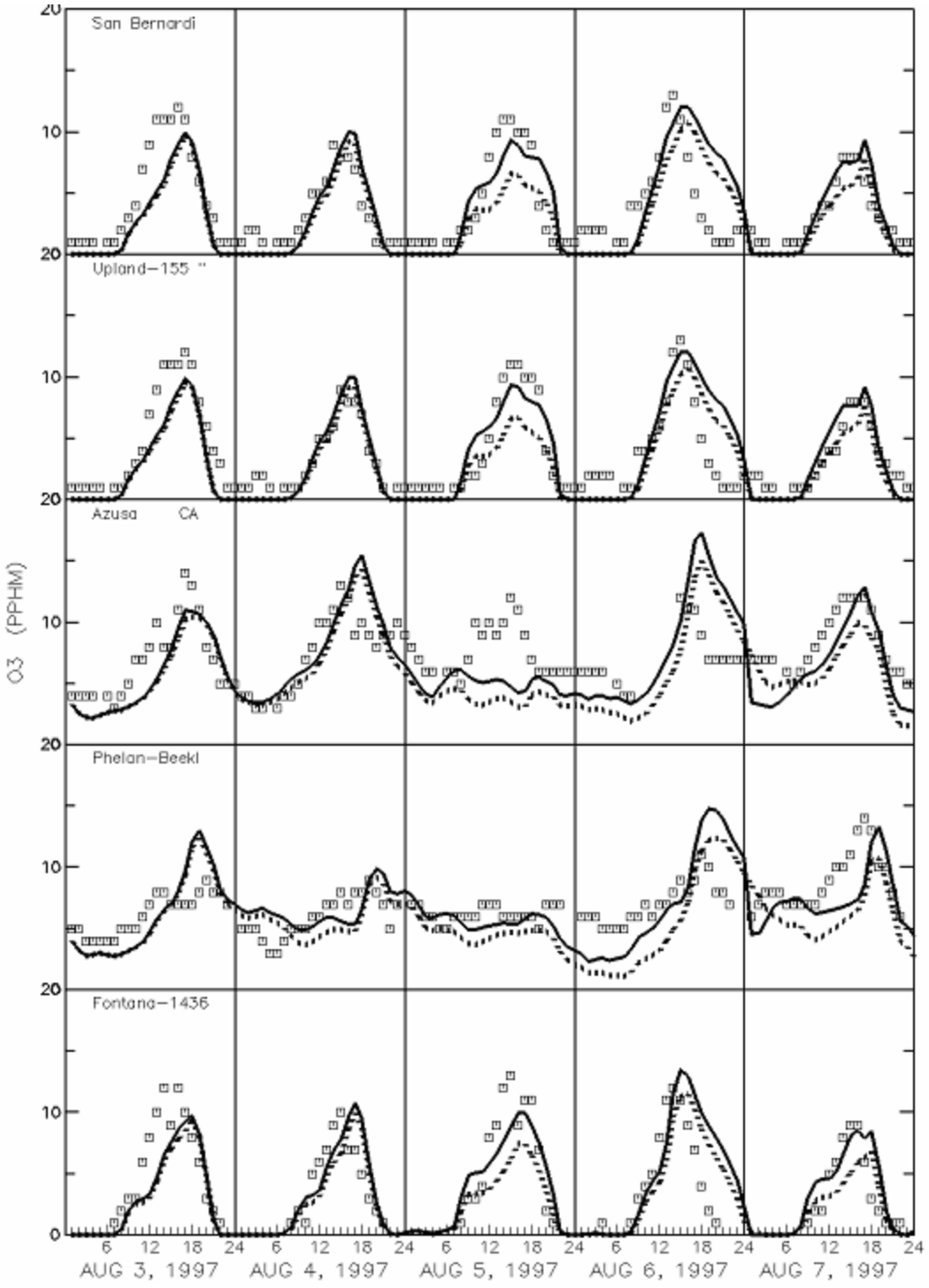


Figure A-42n

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

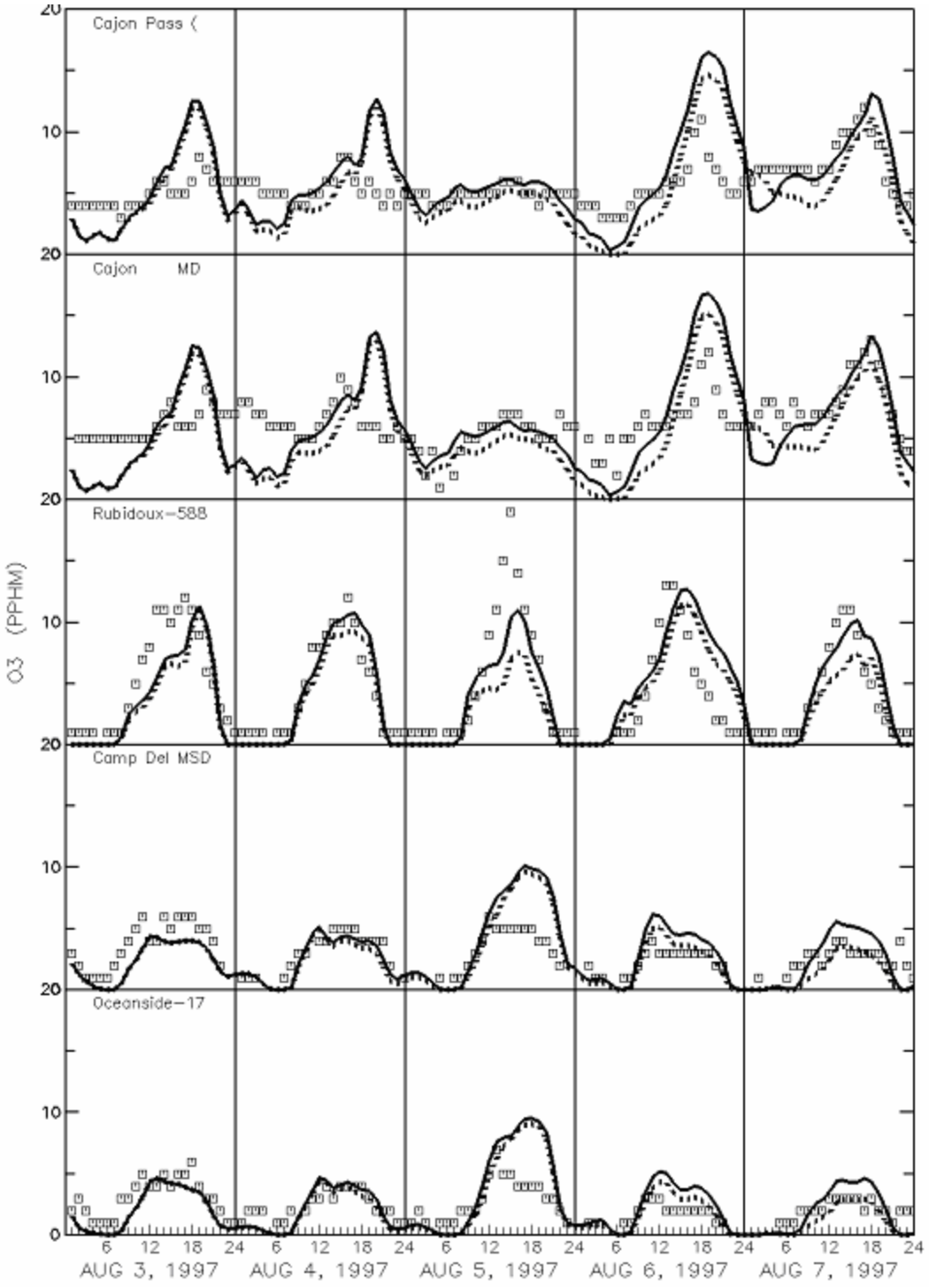


Figure A-42o

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

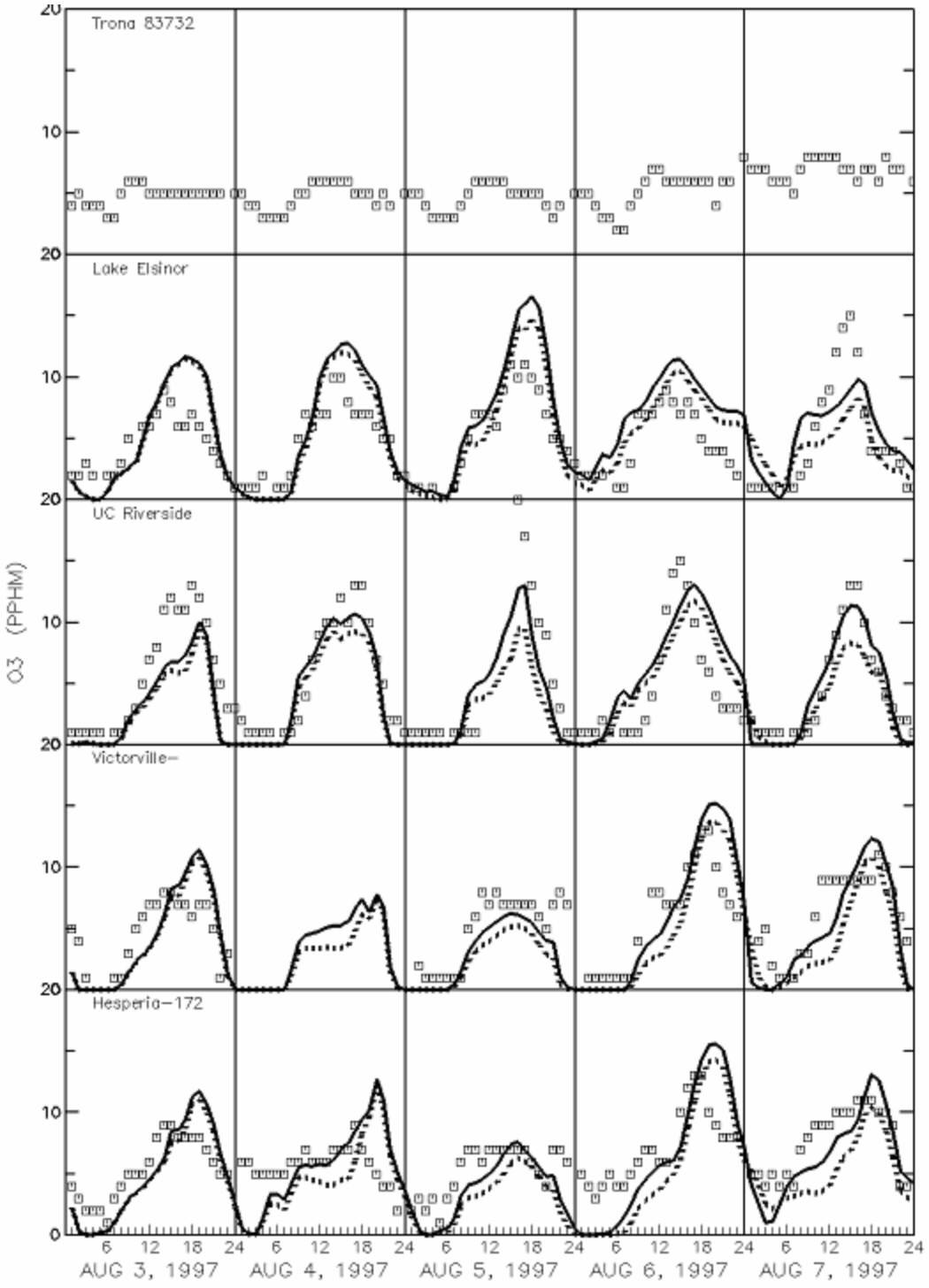


Figure A-42p

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

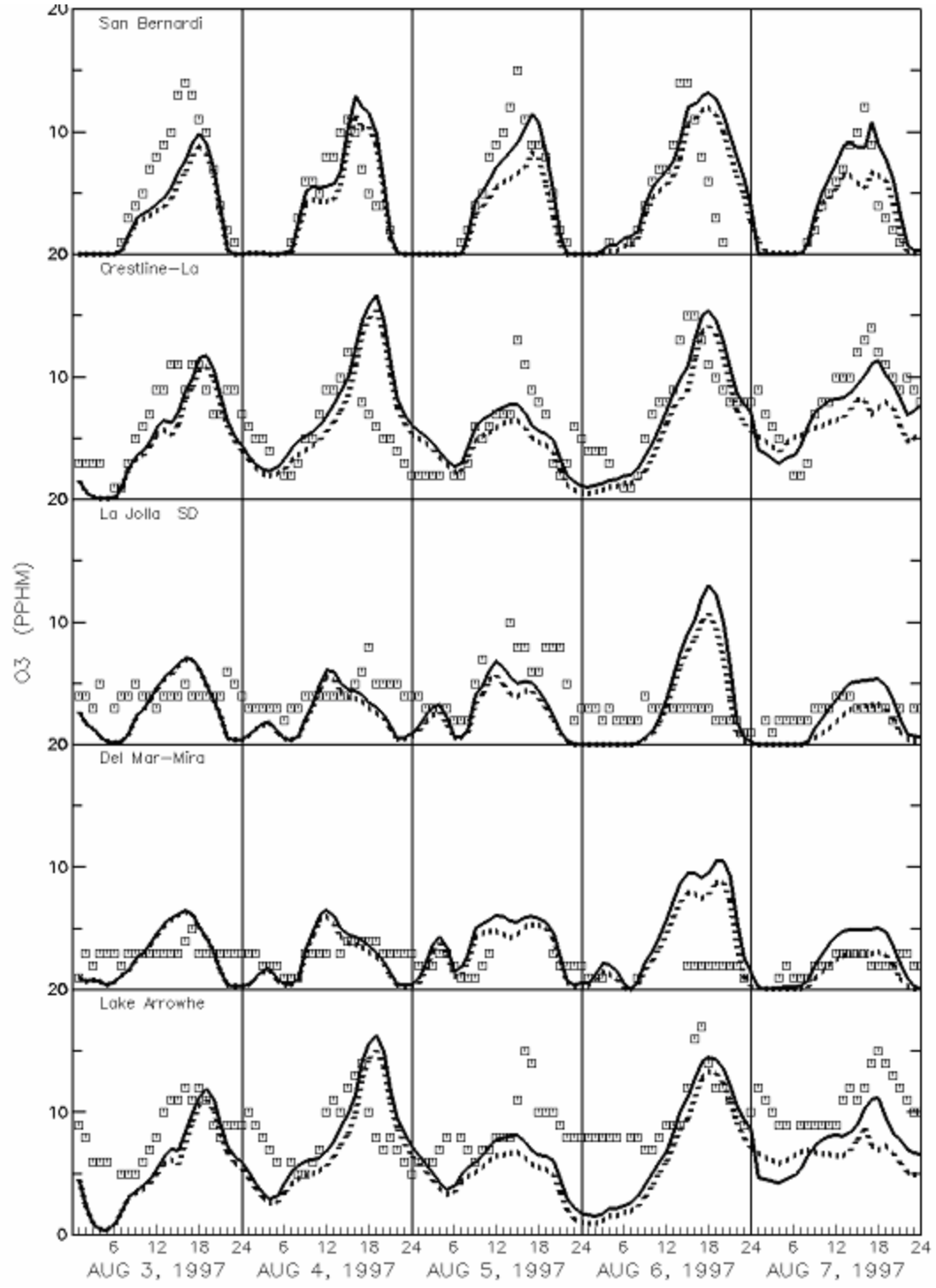


Figure A-42q

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

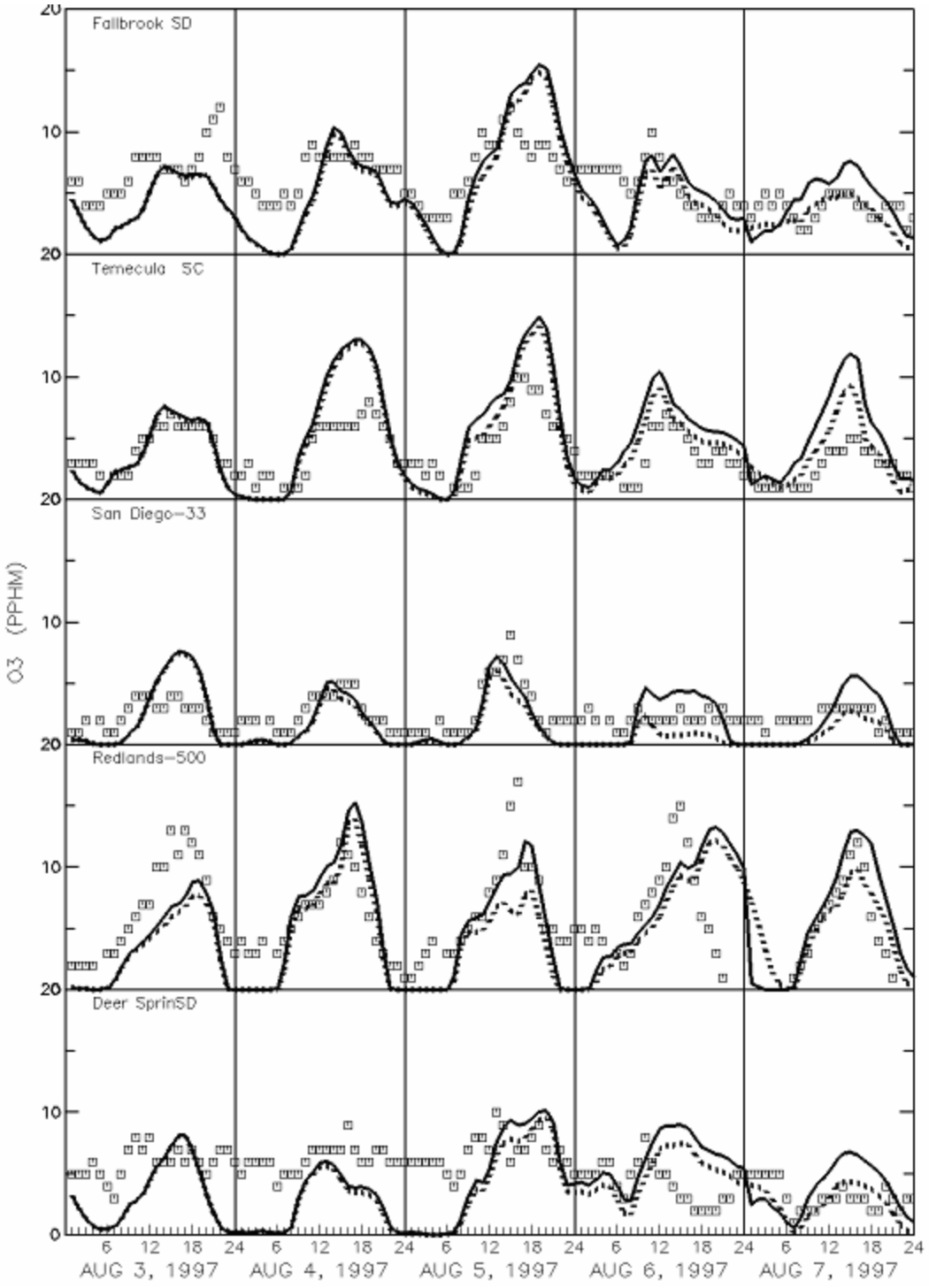


Figure A-42r

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

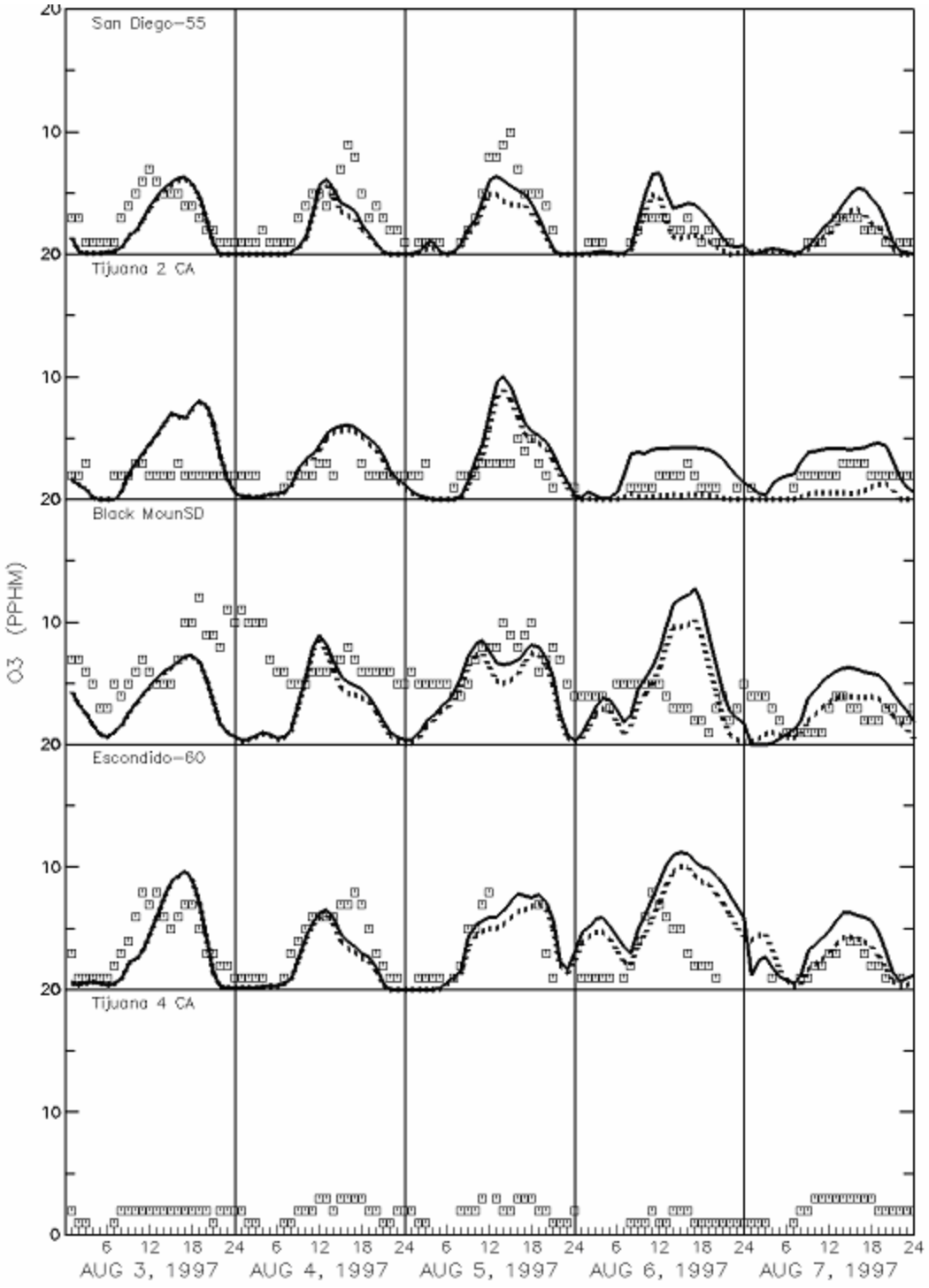


Figure A-42s

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

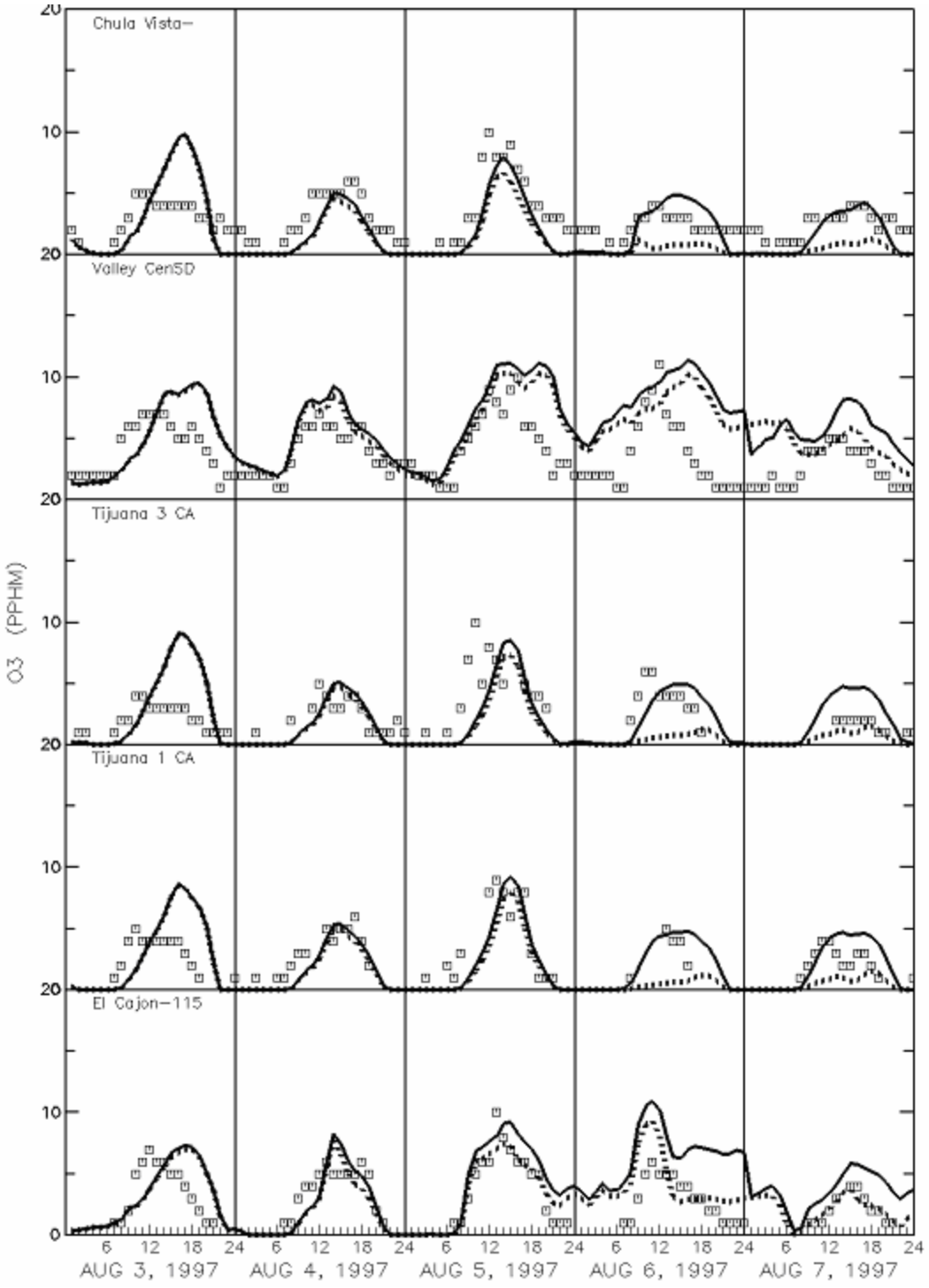


Figure A-42t

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

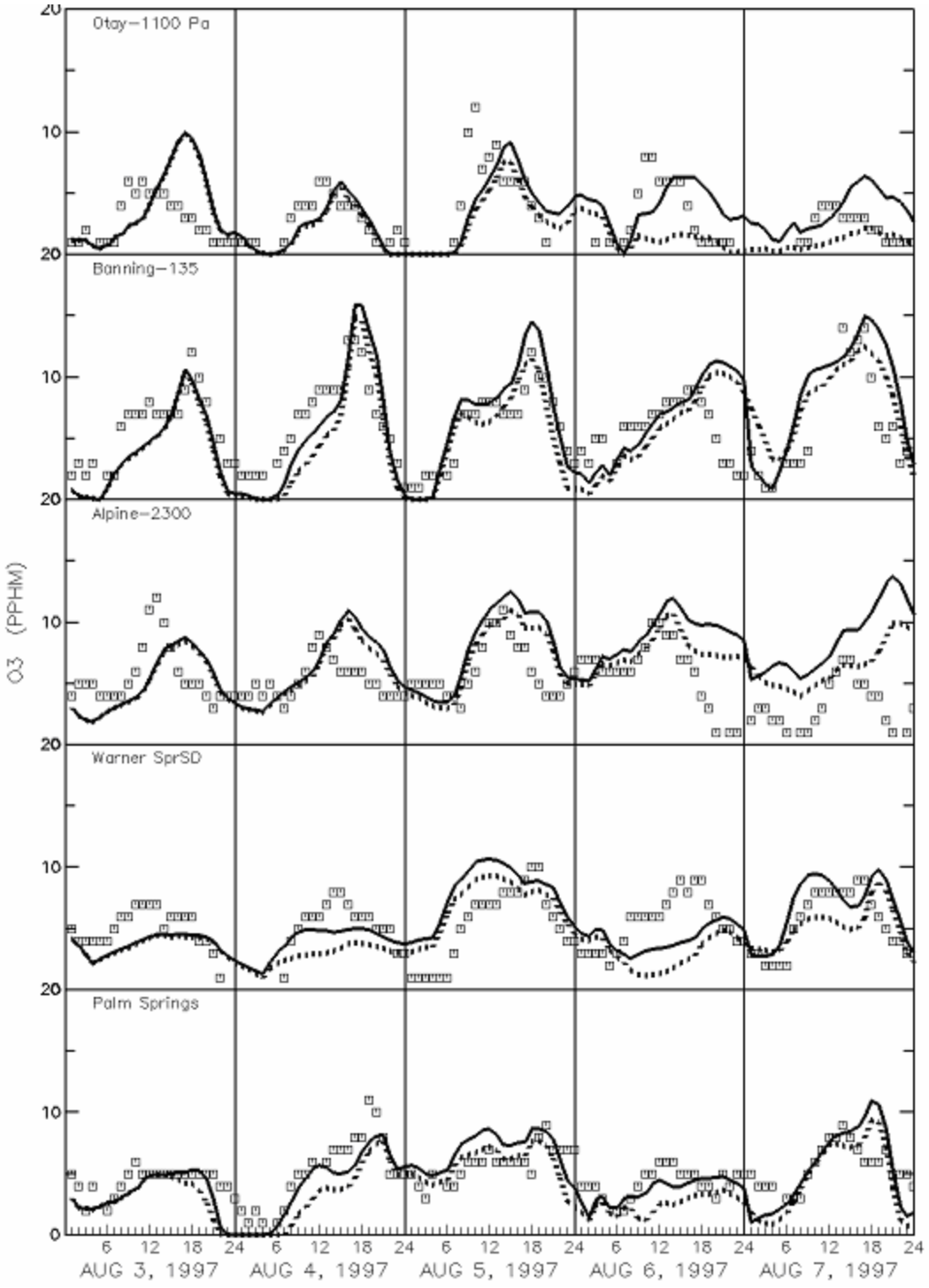


Figure A-42u

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

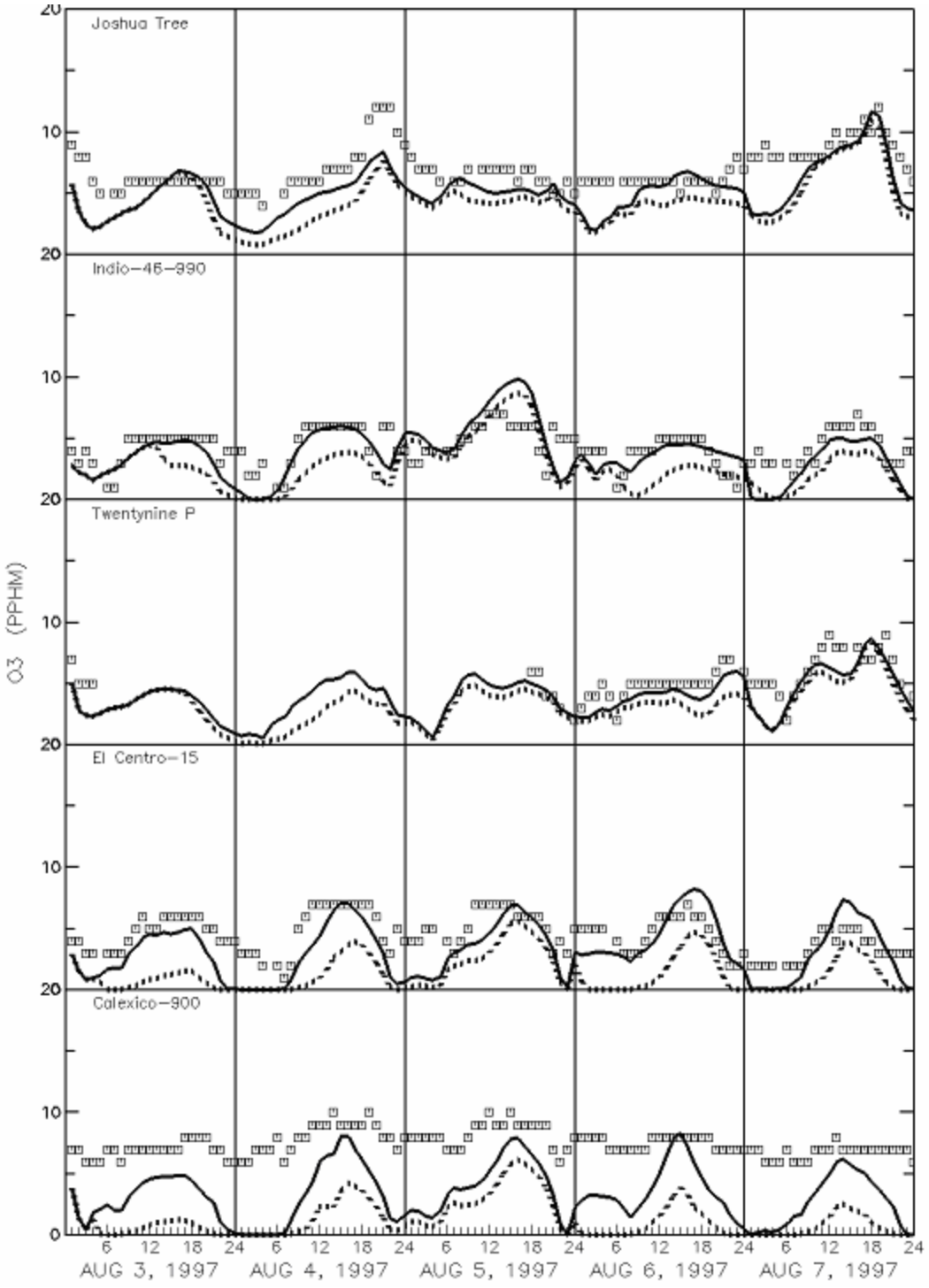


Figure A-42v

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

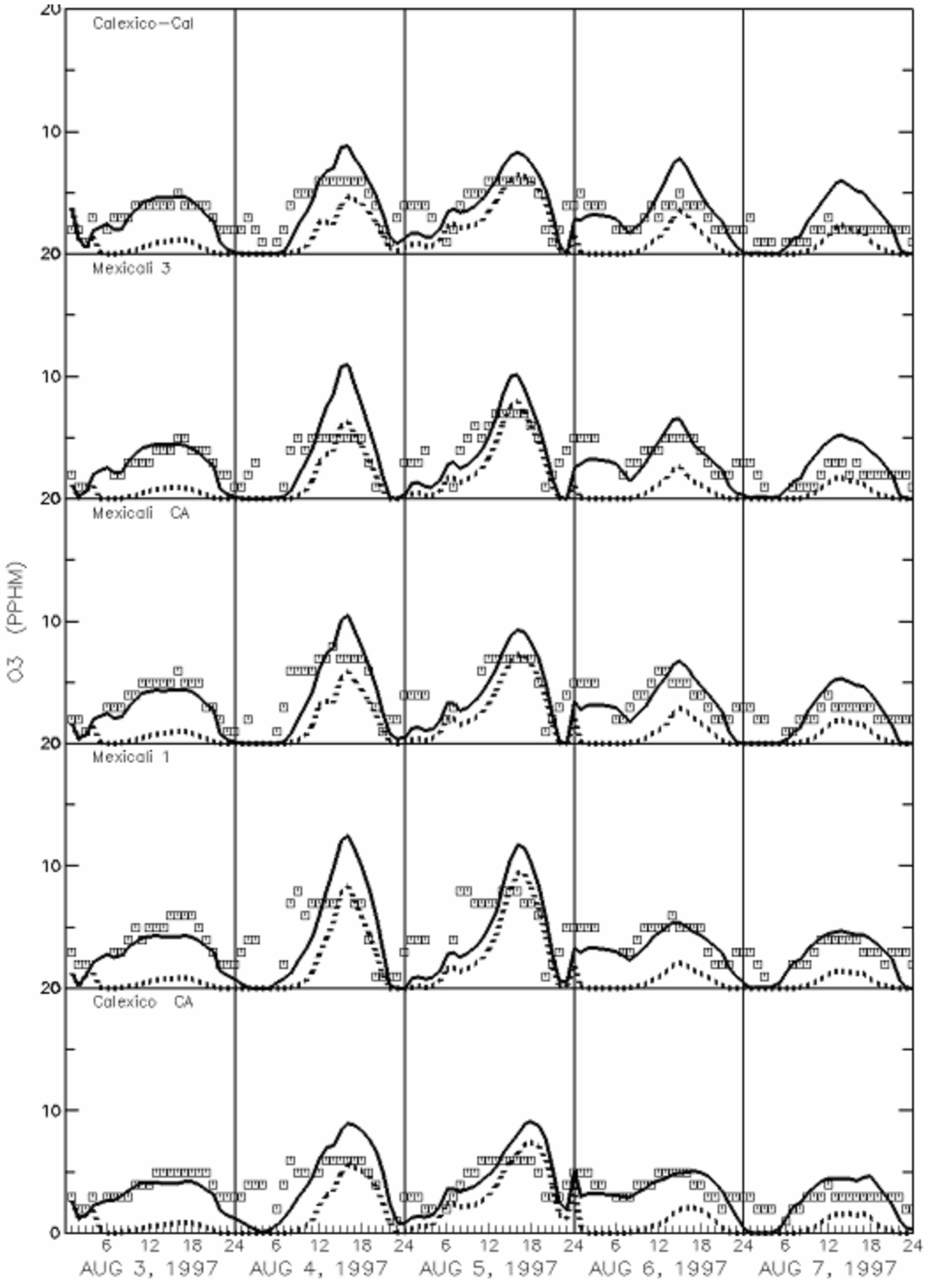


Figure A-42w

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

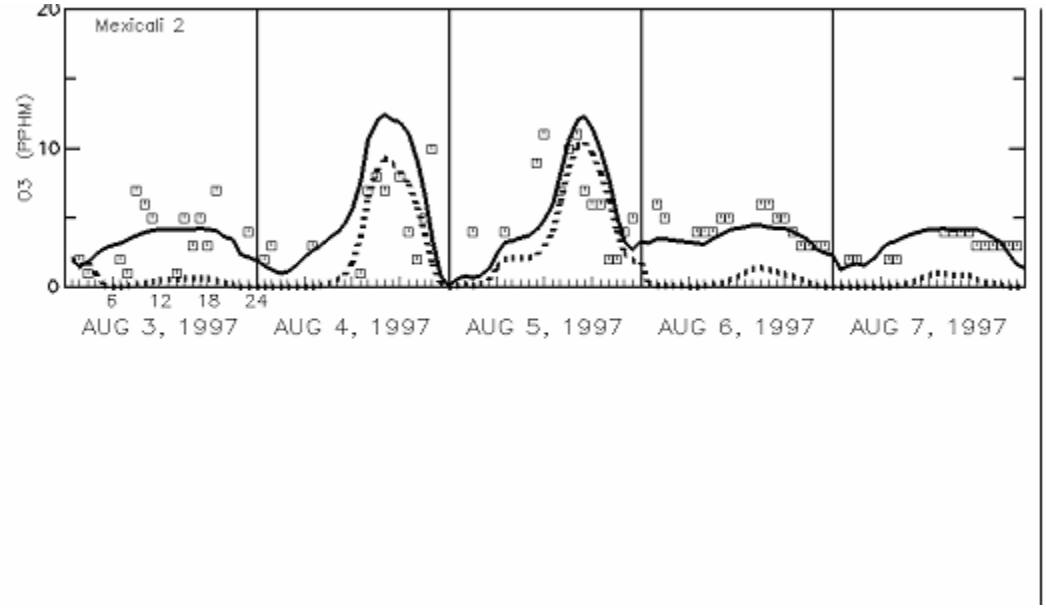


Figure A-42x

Comparison between model simulation arb97b and zero boundary conditions for the August 1997 meteorological episode

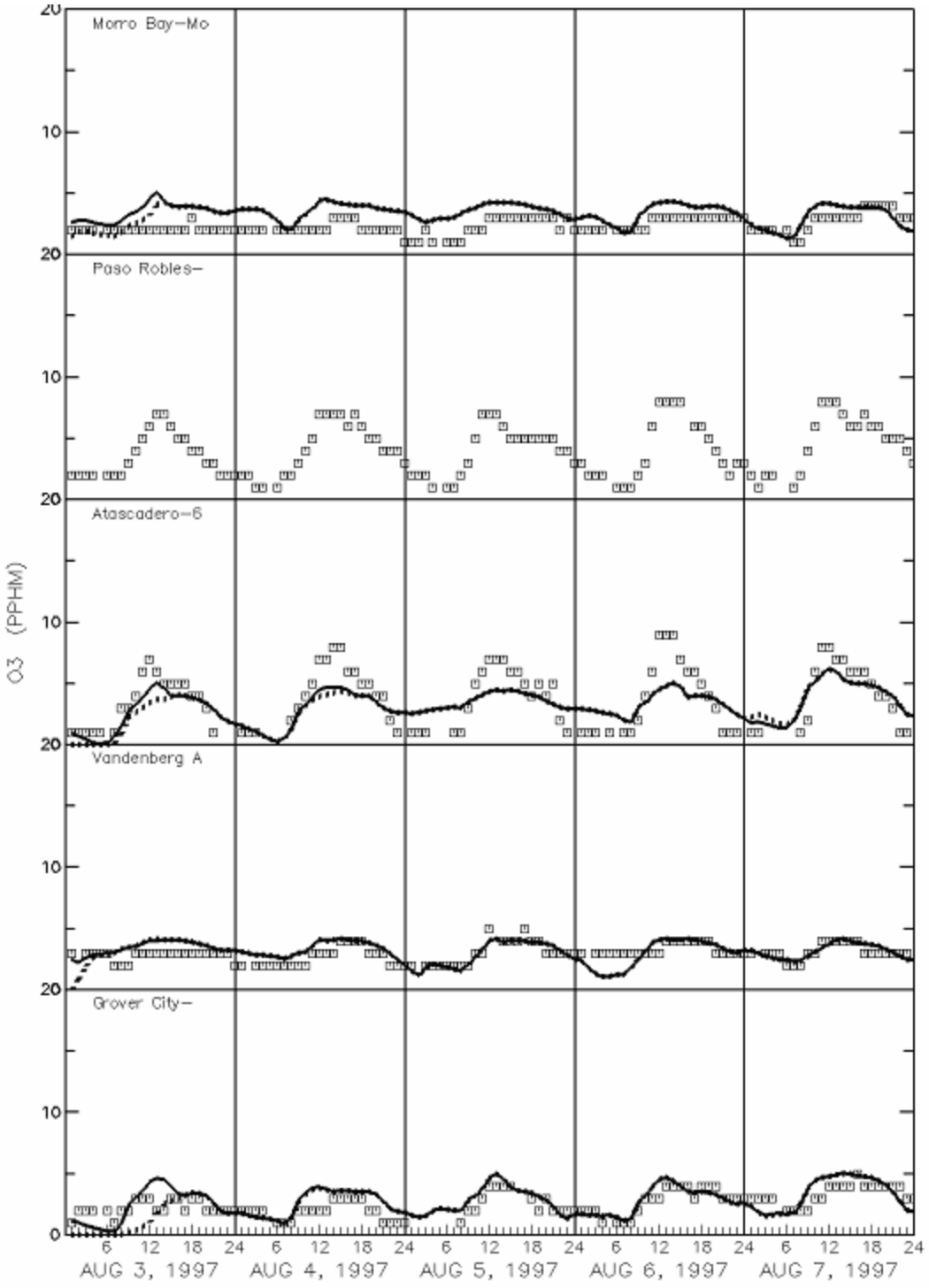
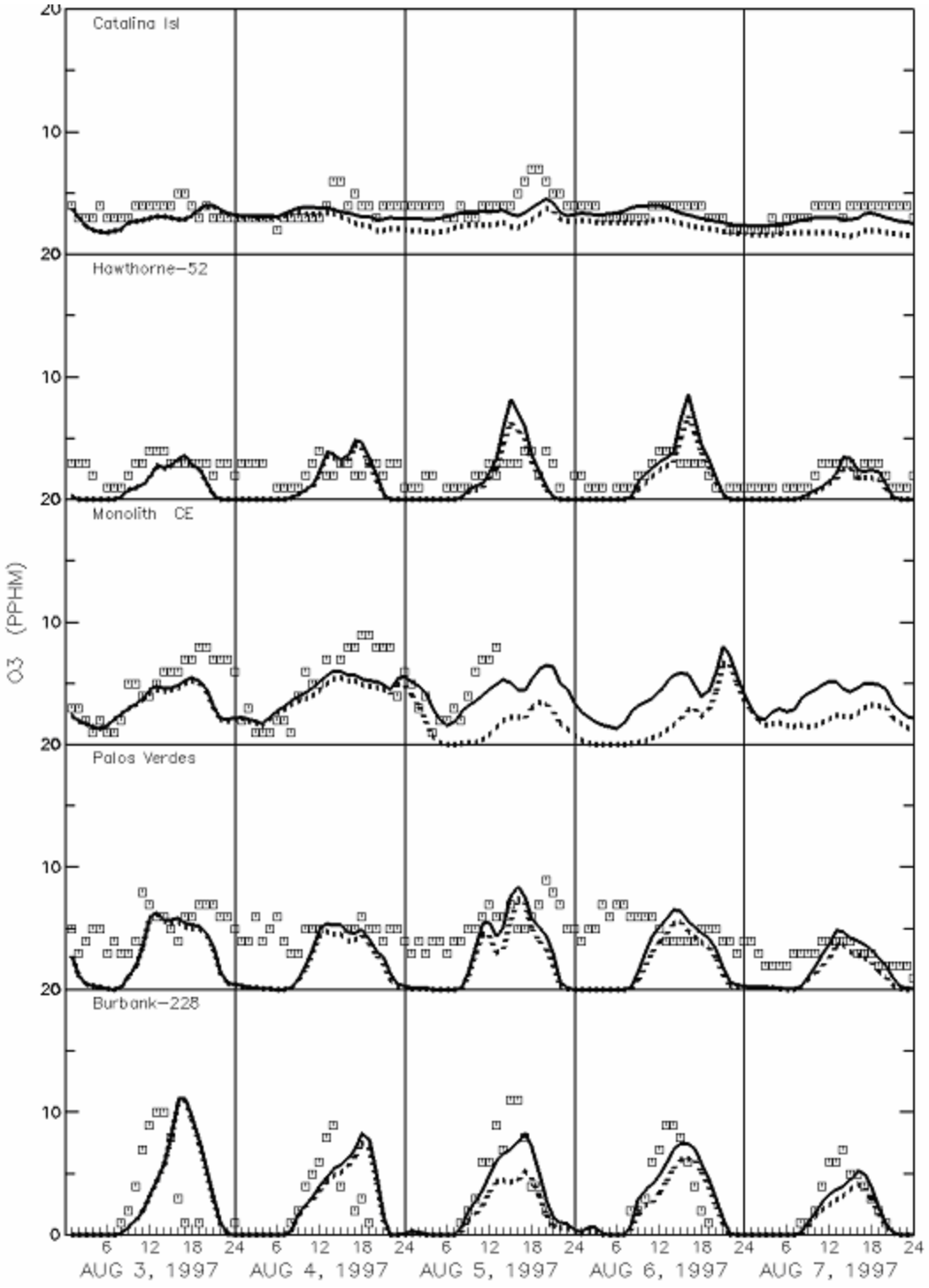


Figure A-43a

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode


Catalina Isl
Hawthorne-52
Monolith CE
Palos Verdes
Burbank-228
O3 (PPHM)
20
10
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6 12 18 24 6 12 18 24 6 12 18 24 6 12 18 24 6 12 18 24
AUG 3, 1997
AUG 4, 1997
AUG 5, 1997
AUG 6, 1997
AUG 7, 1997

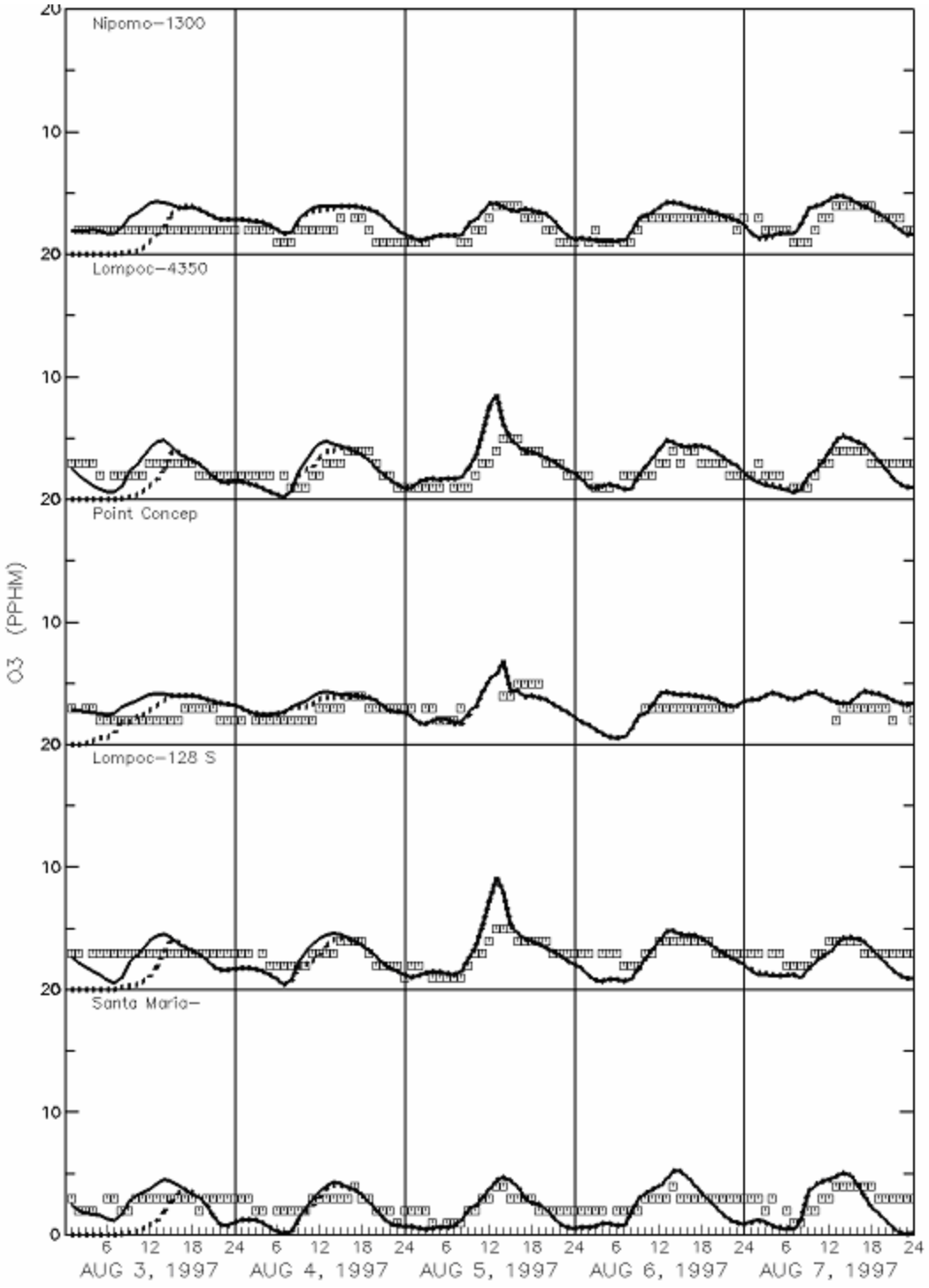

Figure A-43b

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

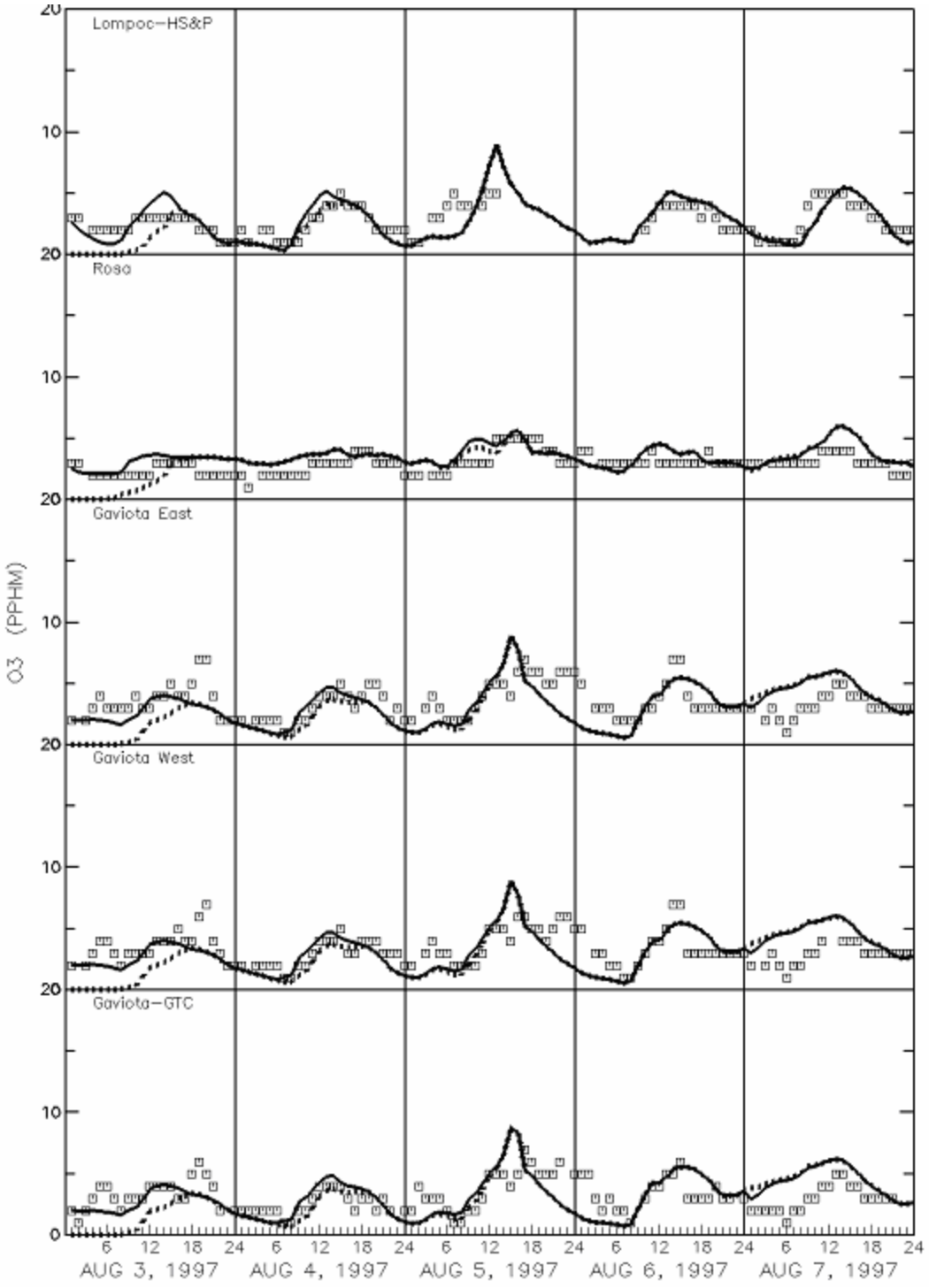

Figure A-43c

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

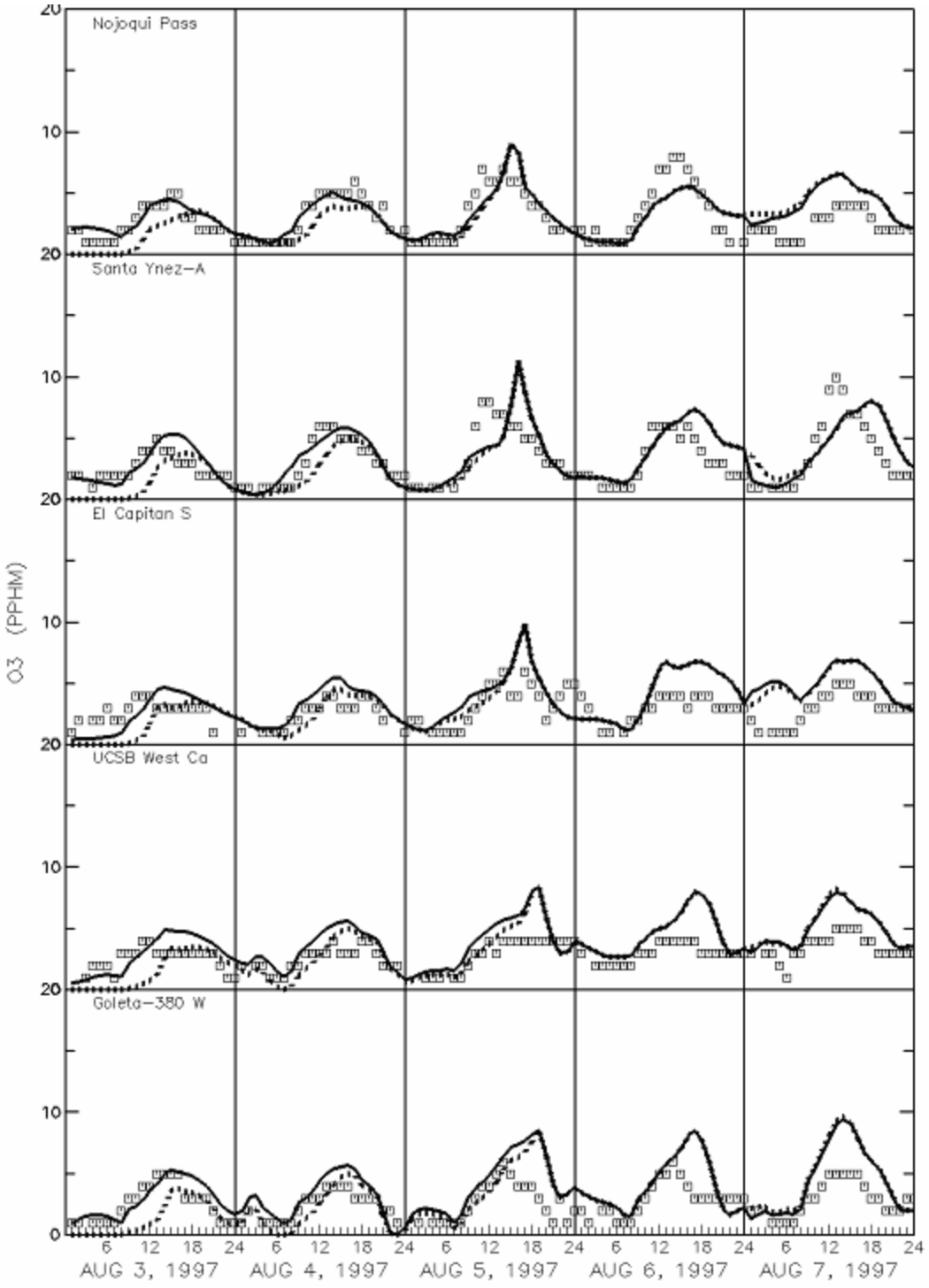

Figure A-43d

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

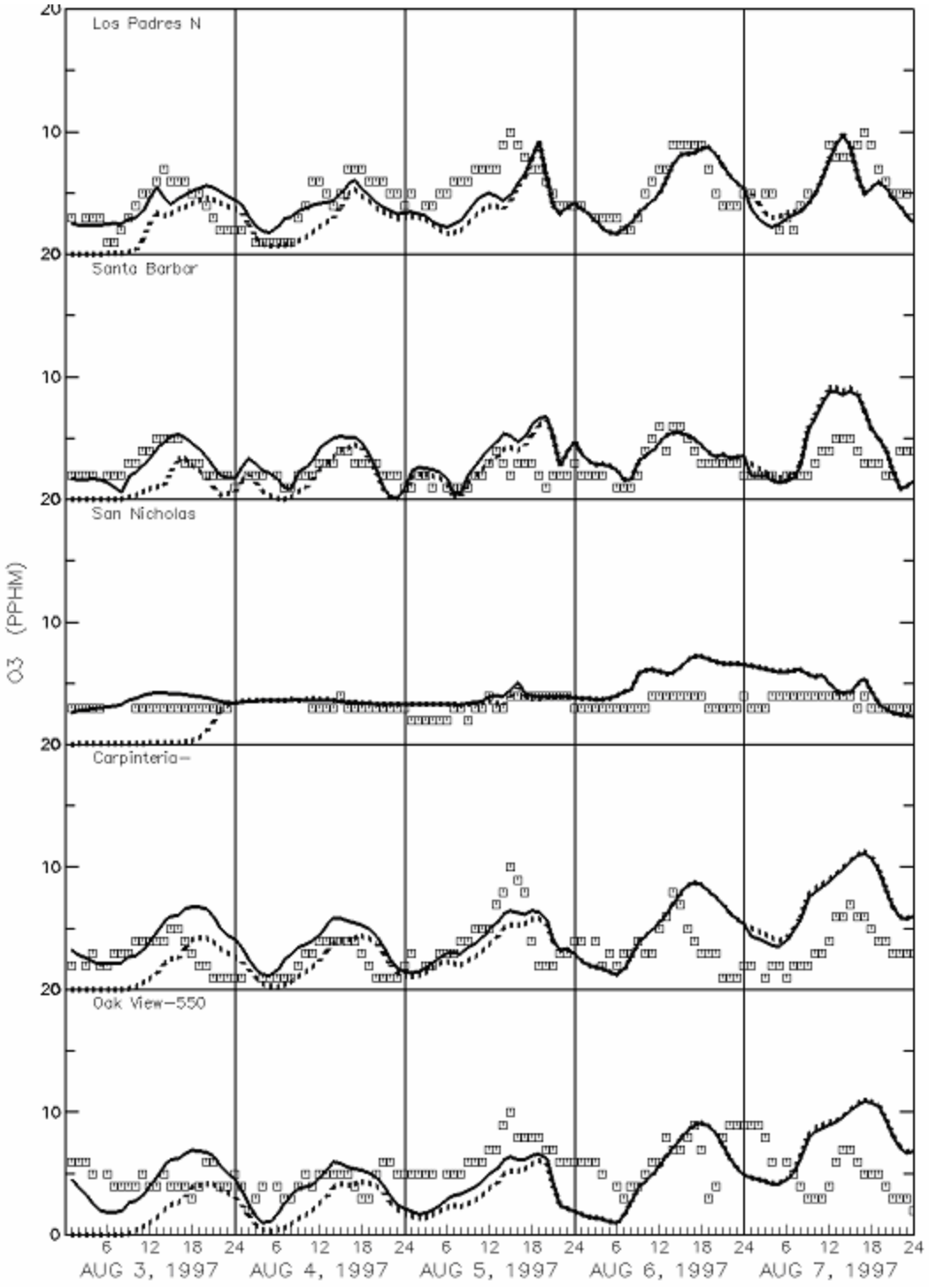

Figure A-43e

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

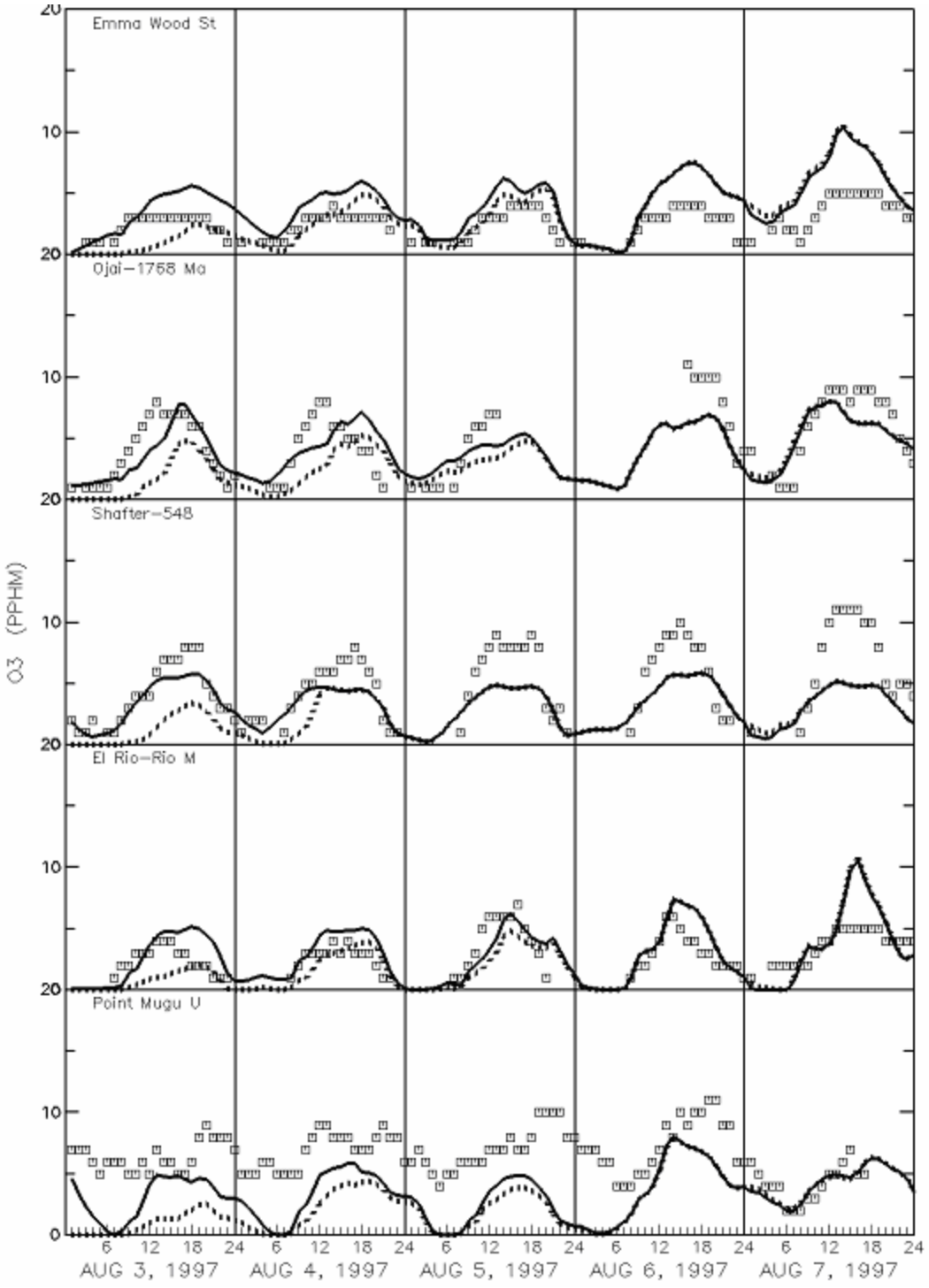

Figure A-43f

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

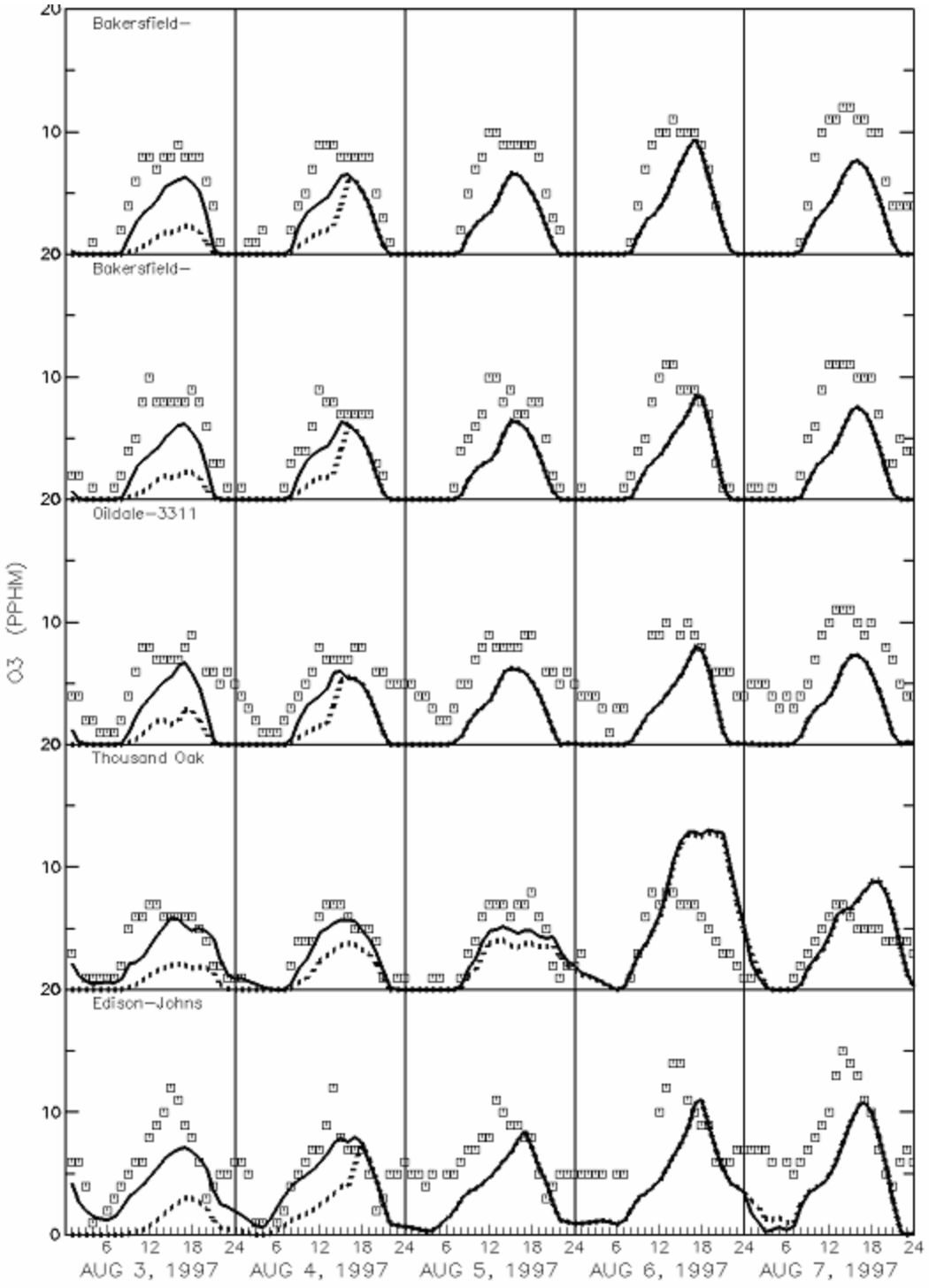

Figure A-43g

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

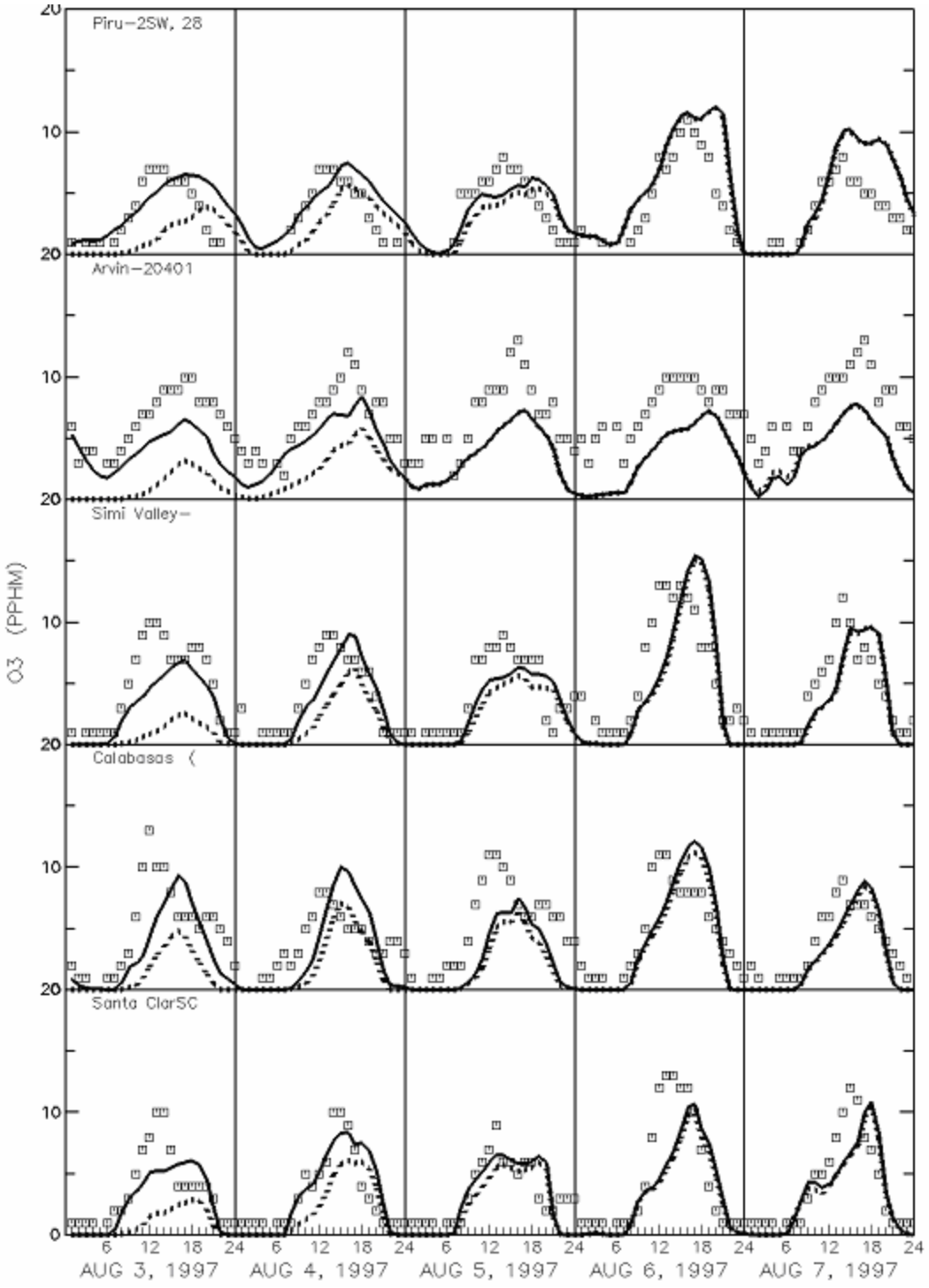

Figure A-43h

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

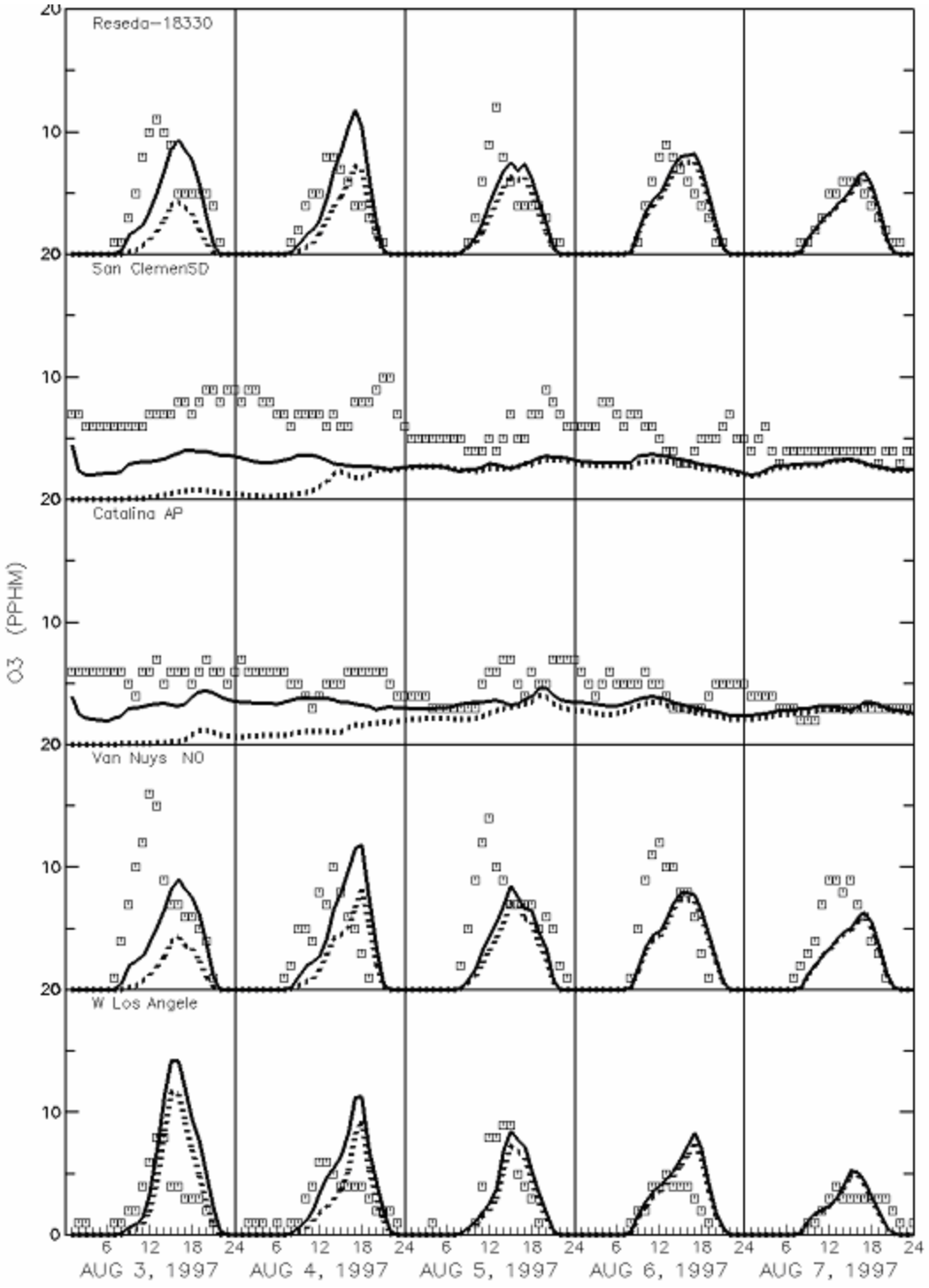

Figure A-43i

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

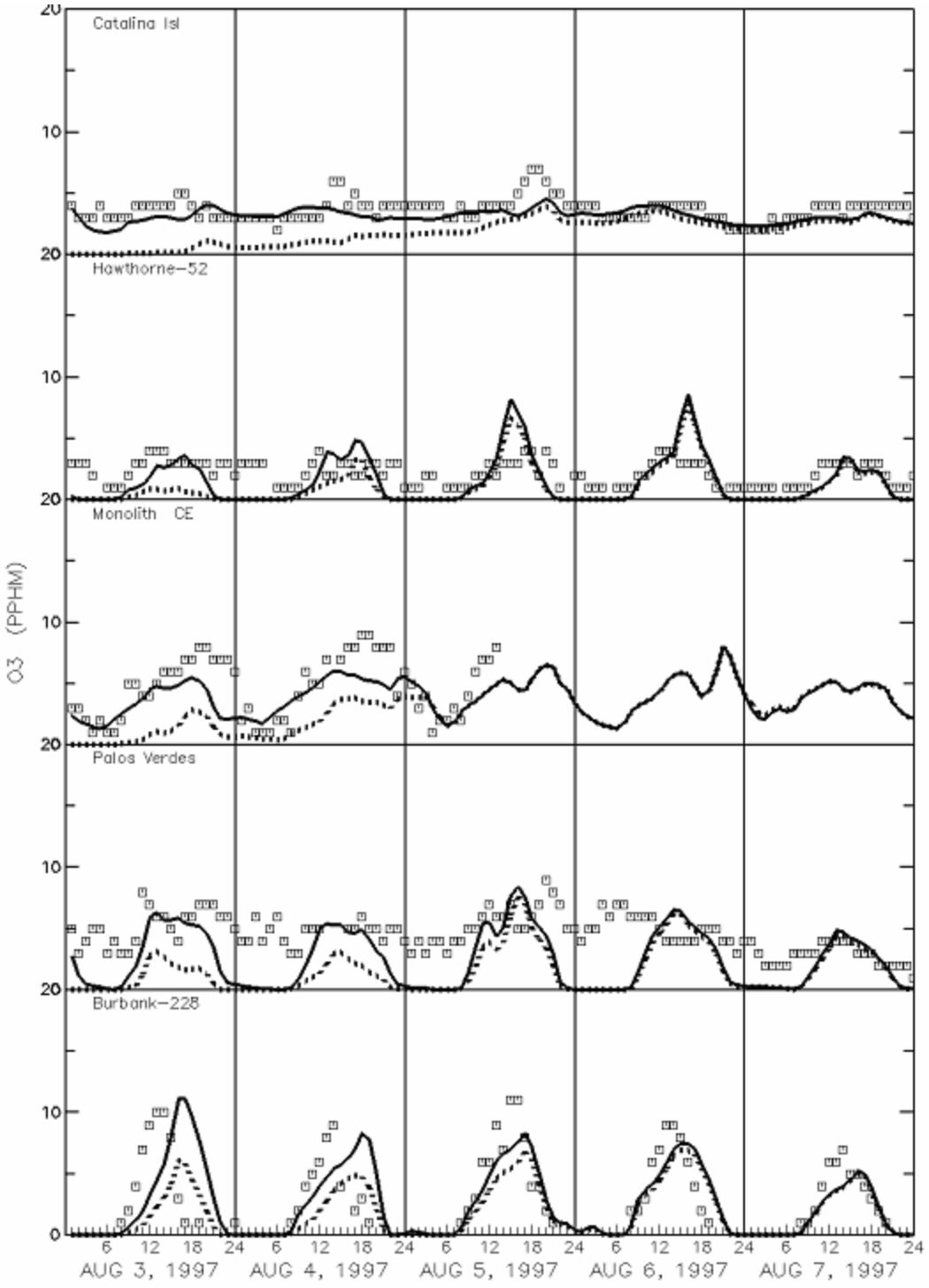

Figure A-43j

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

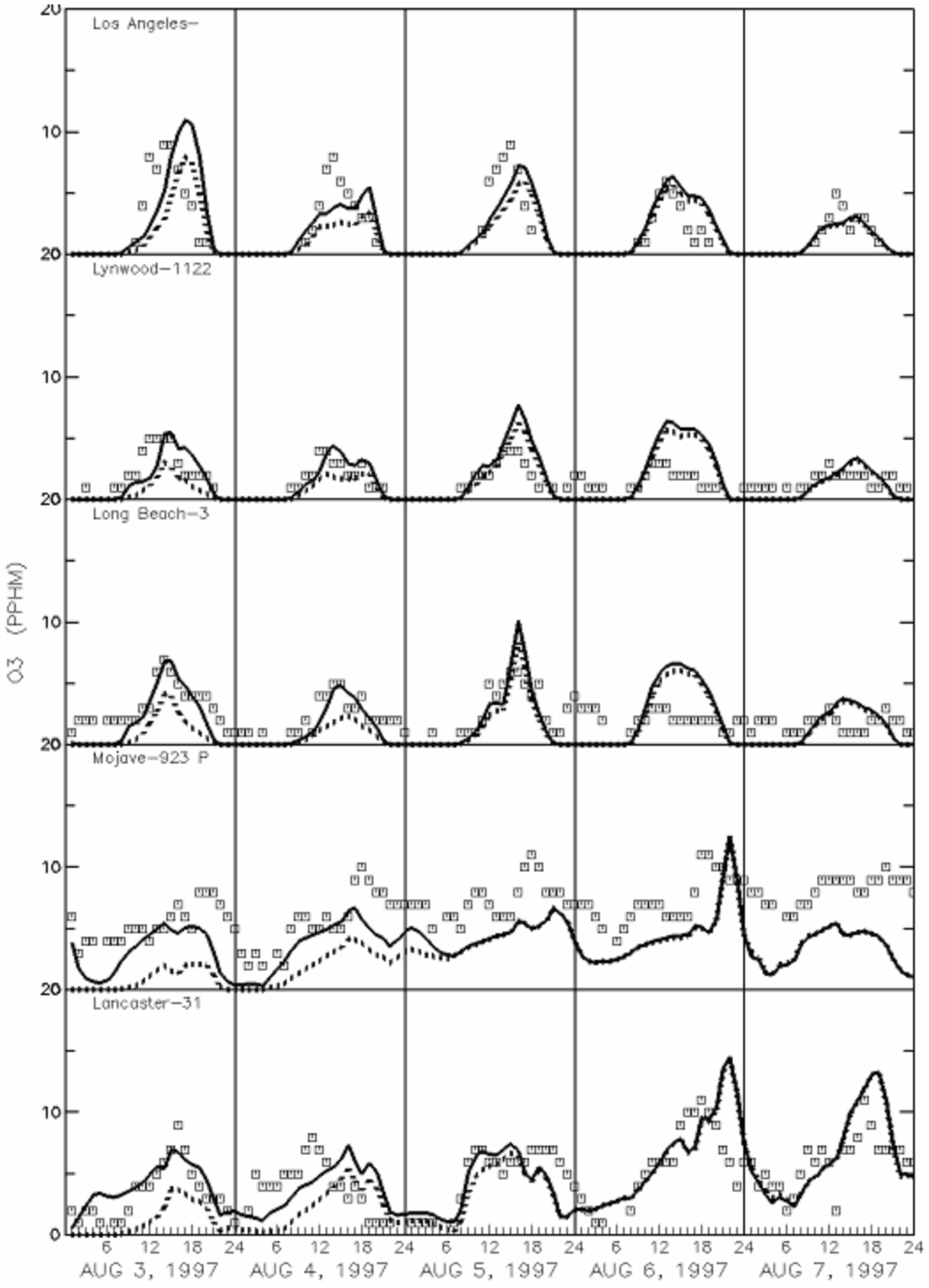

Figure A-43k

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

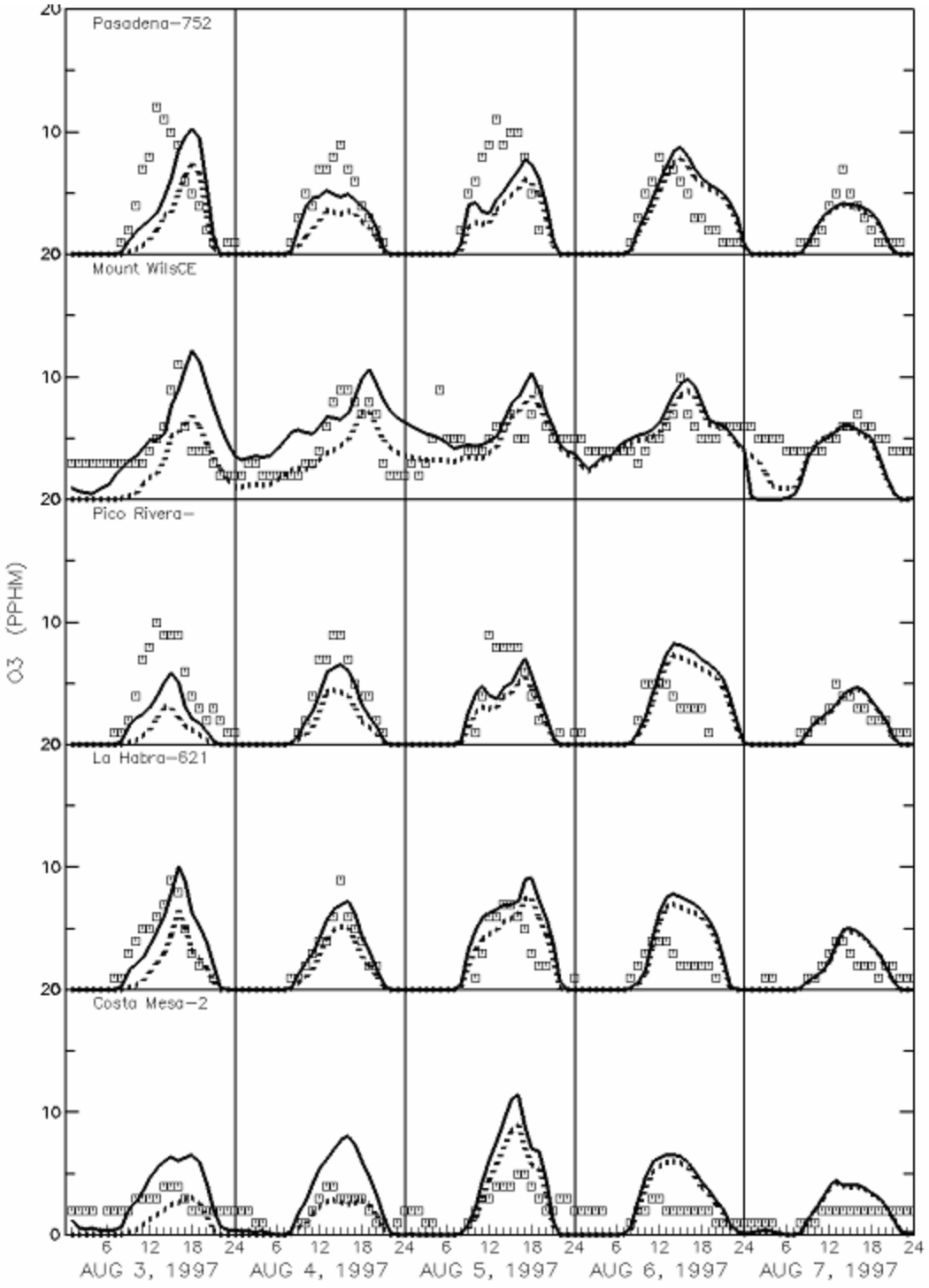

Figure A-43l

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

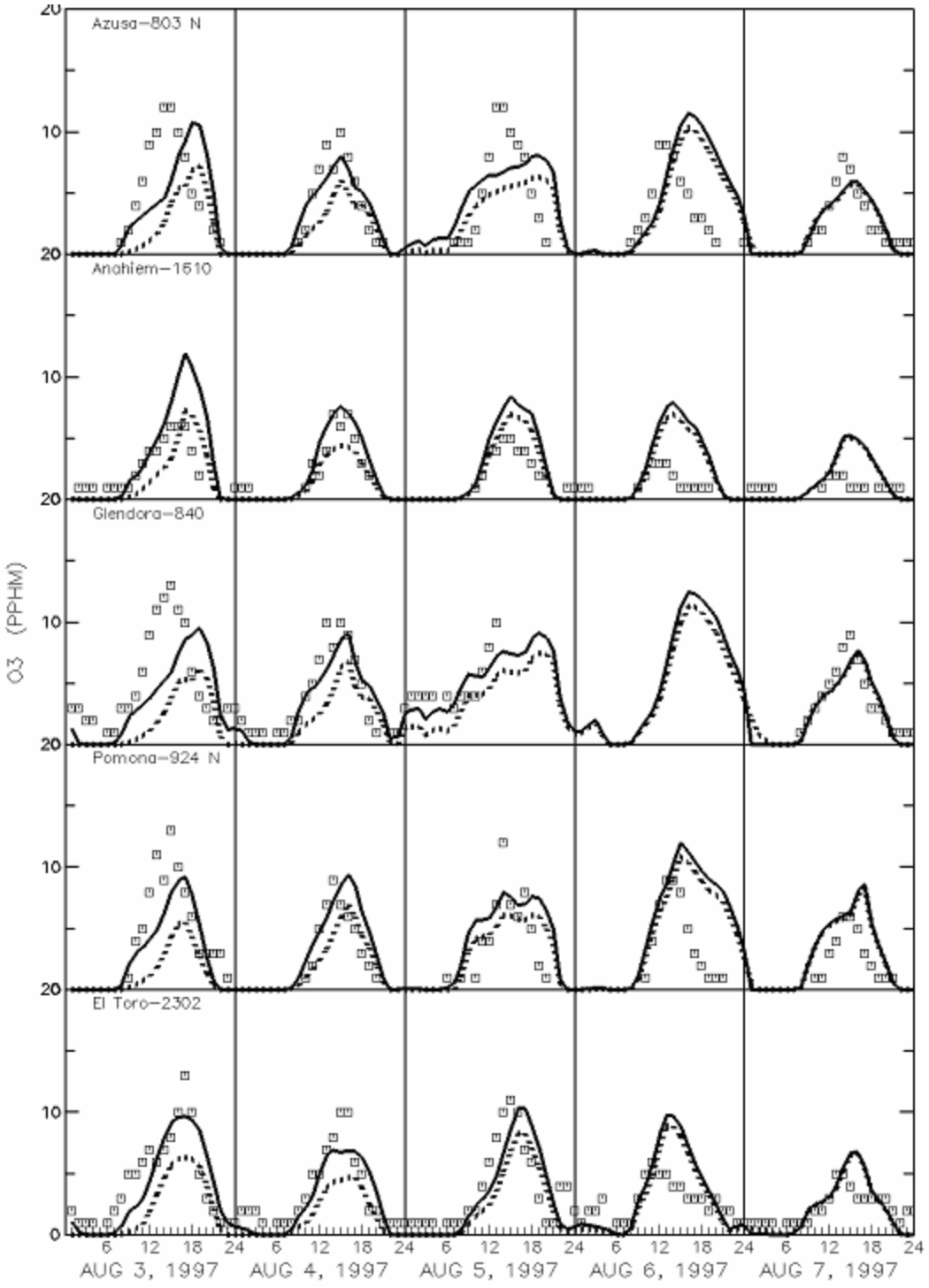

Figure A-43m

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

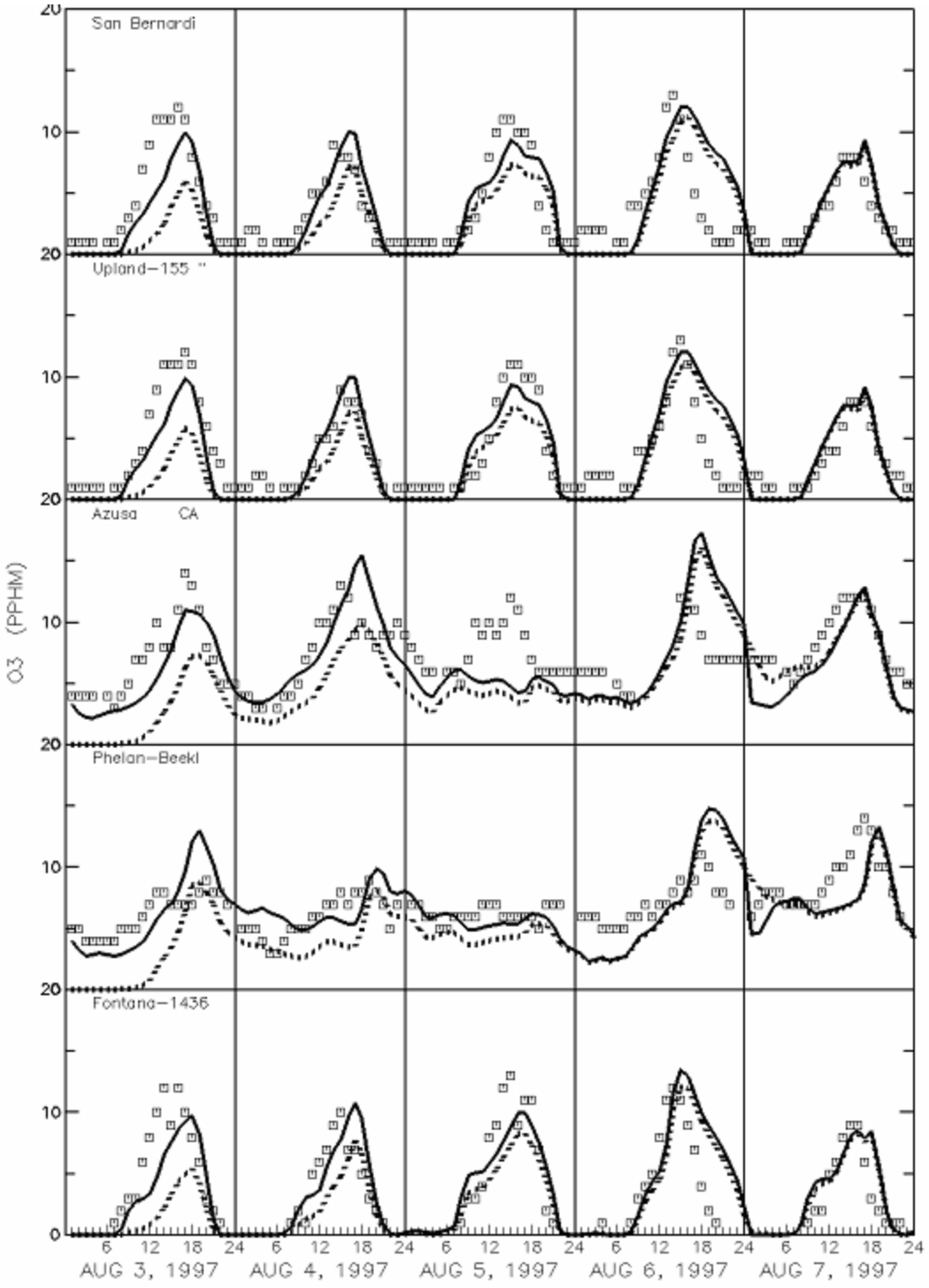

Figure A-43n

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

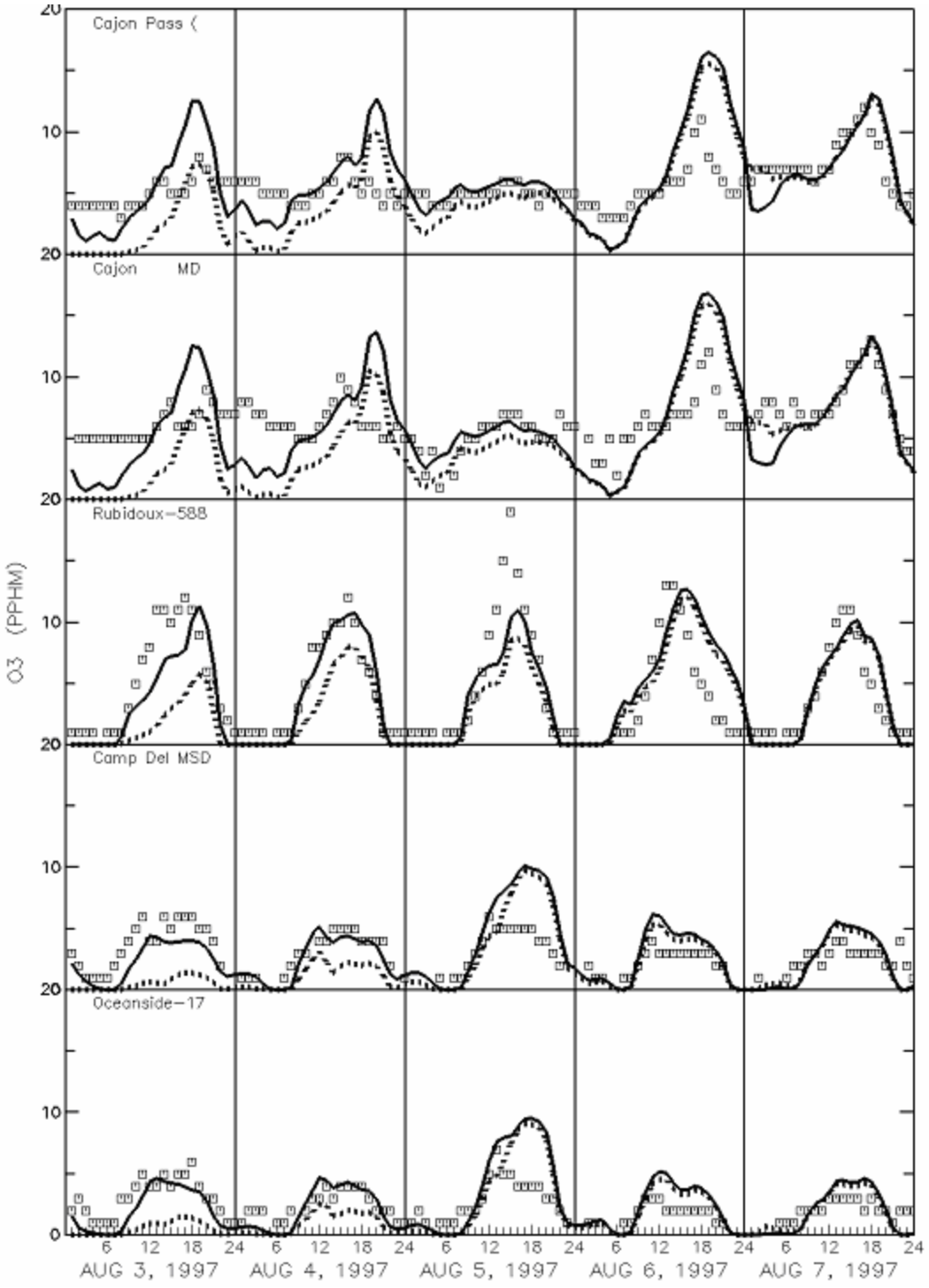

Figure A-43o

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

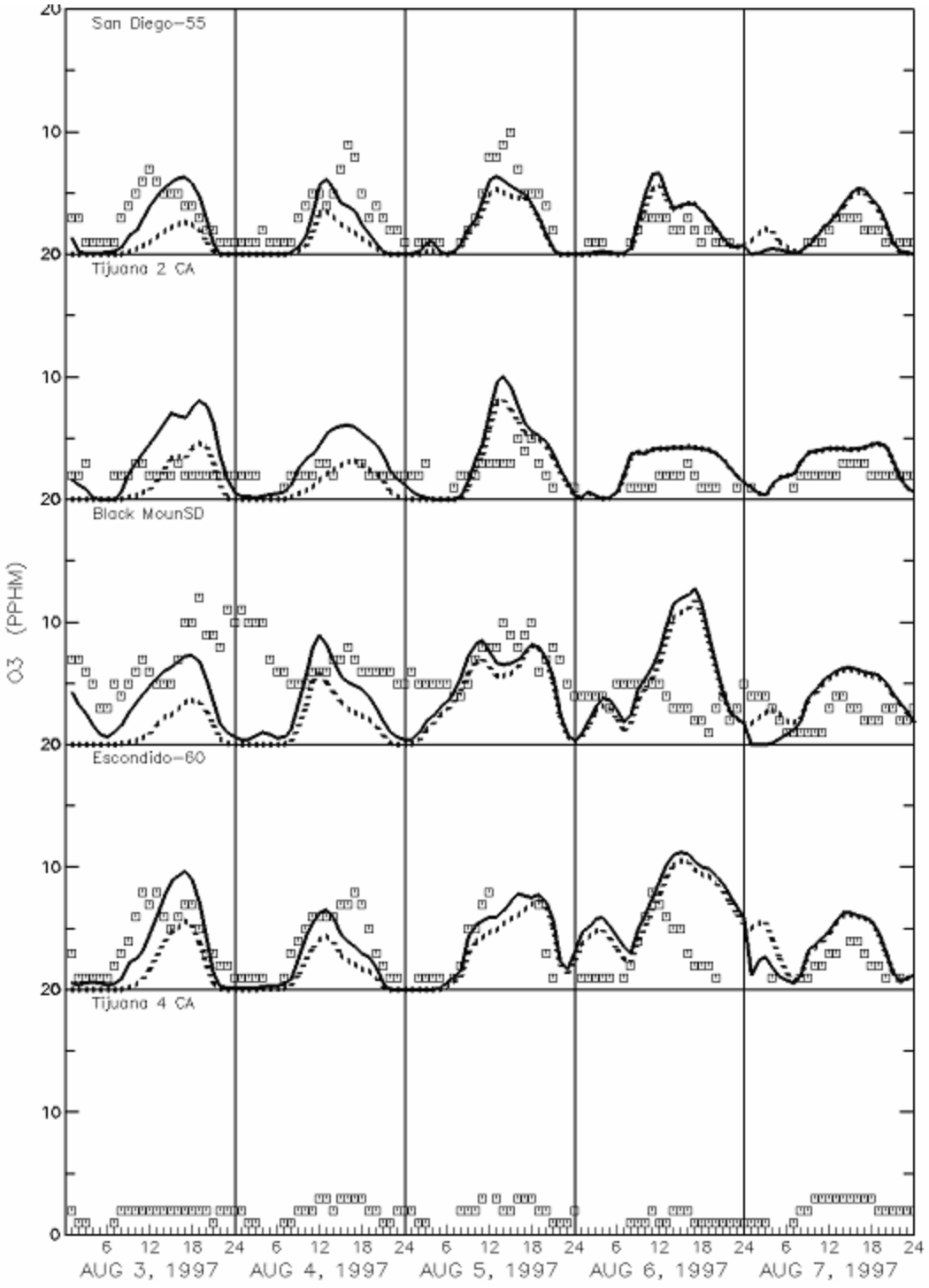

Figure A-43p

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

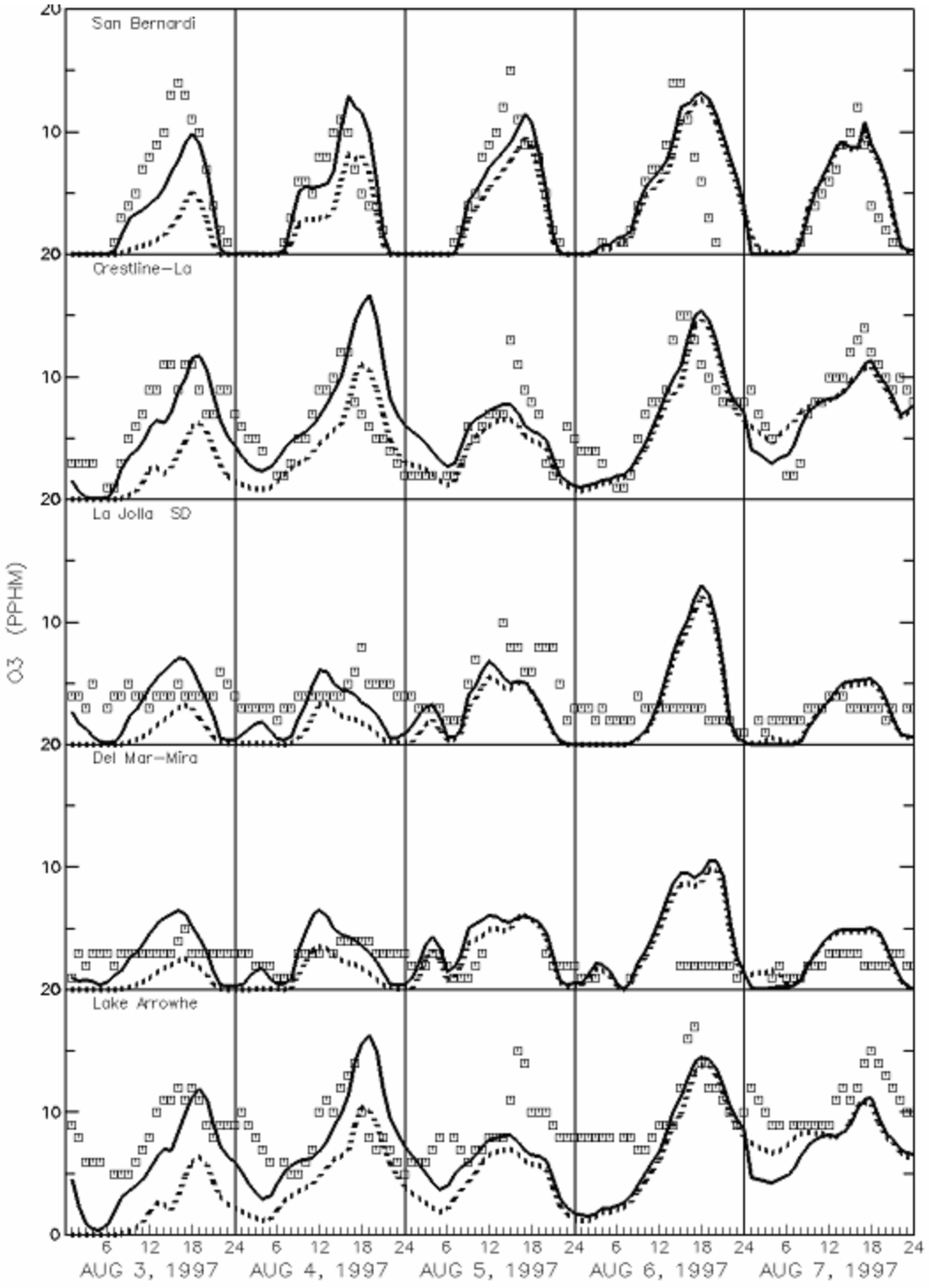

Figure A-43q

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

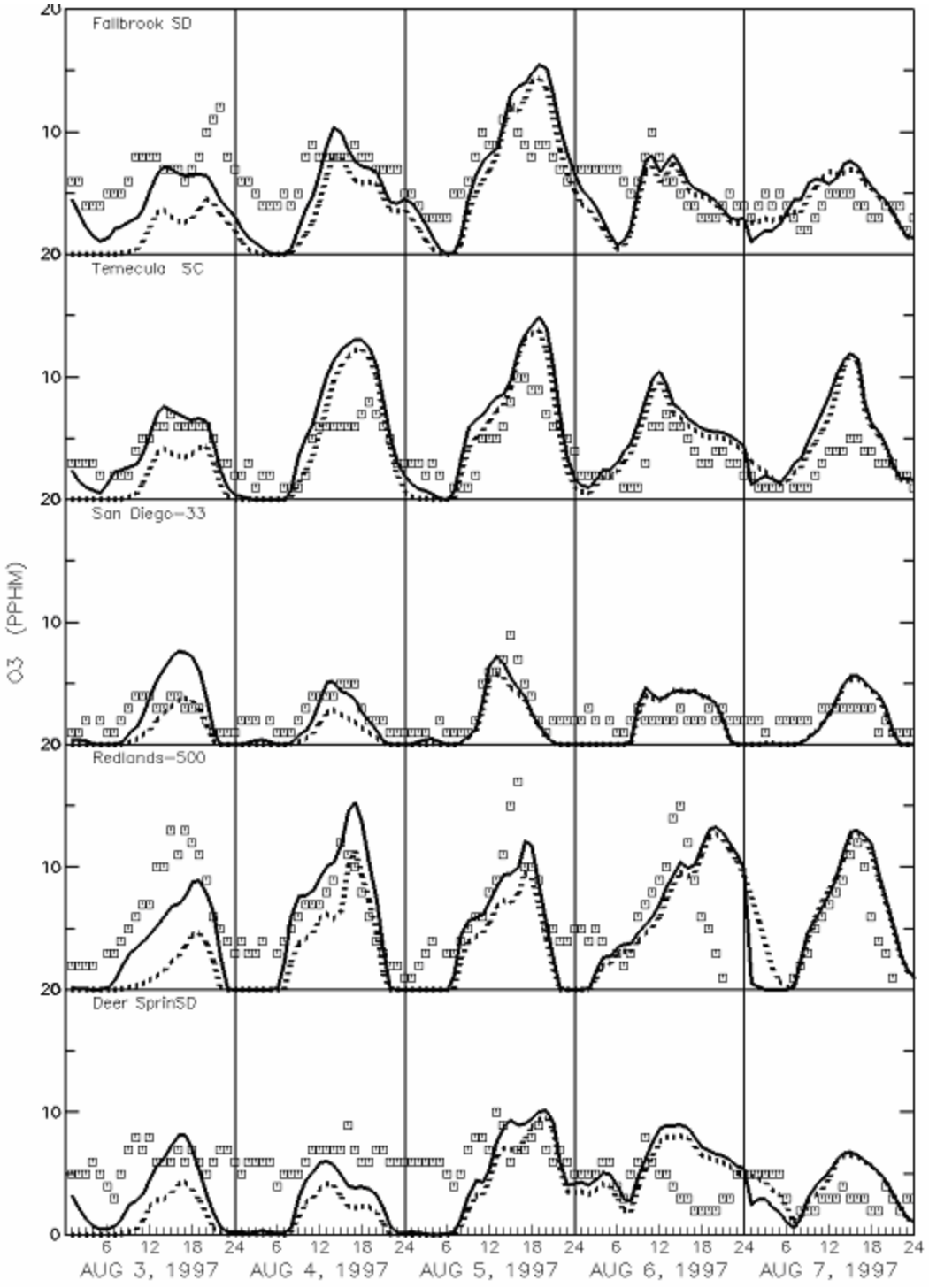

Figure A-43r

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

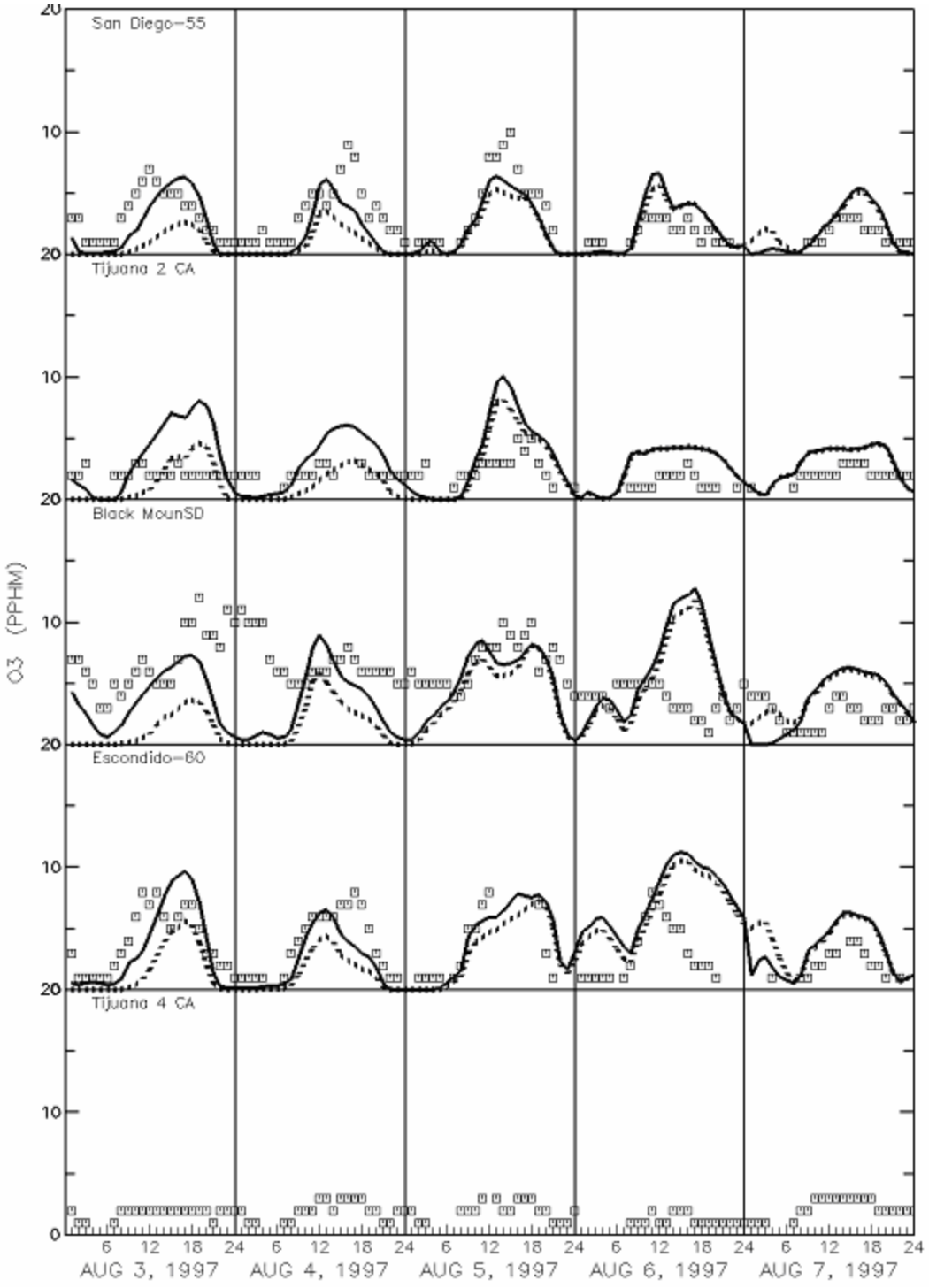

Figure A-43s

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

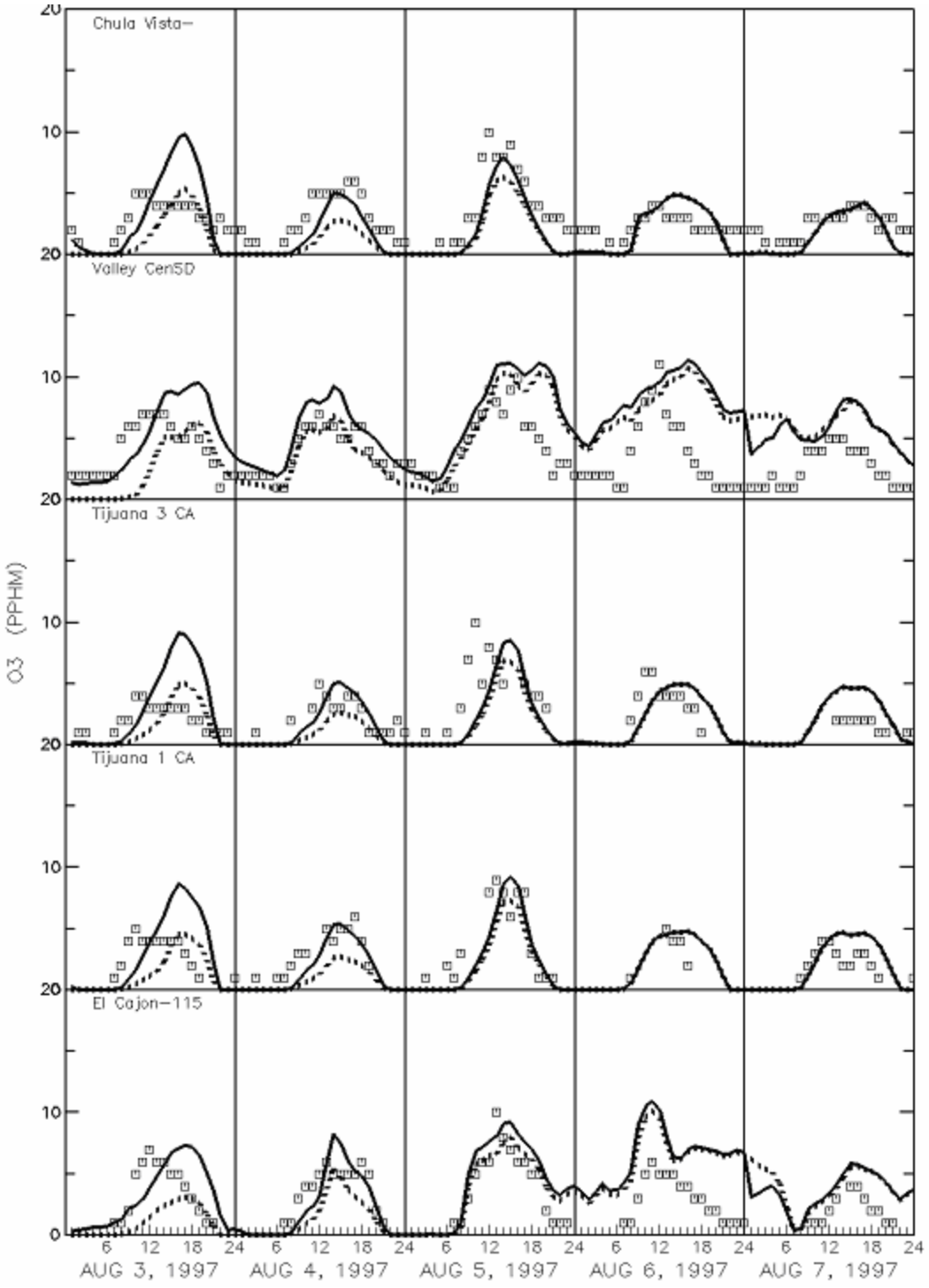

Figure A-43t

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

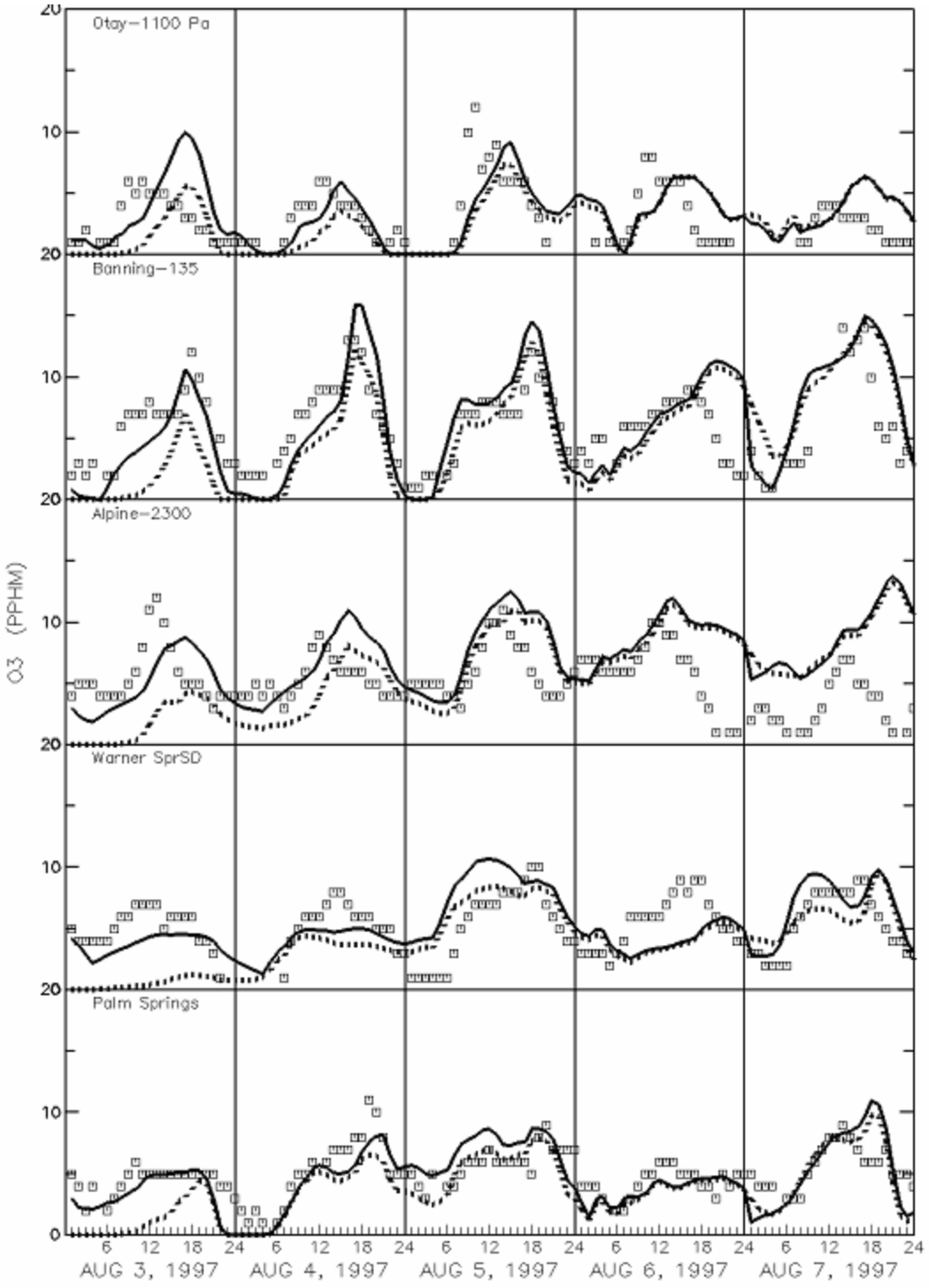

Figure A-43u

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

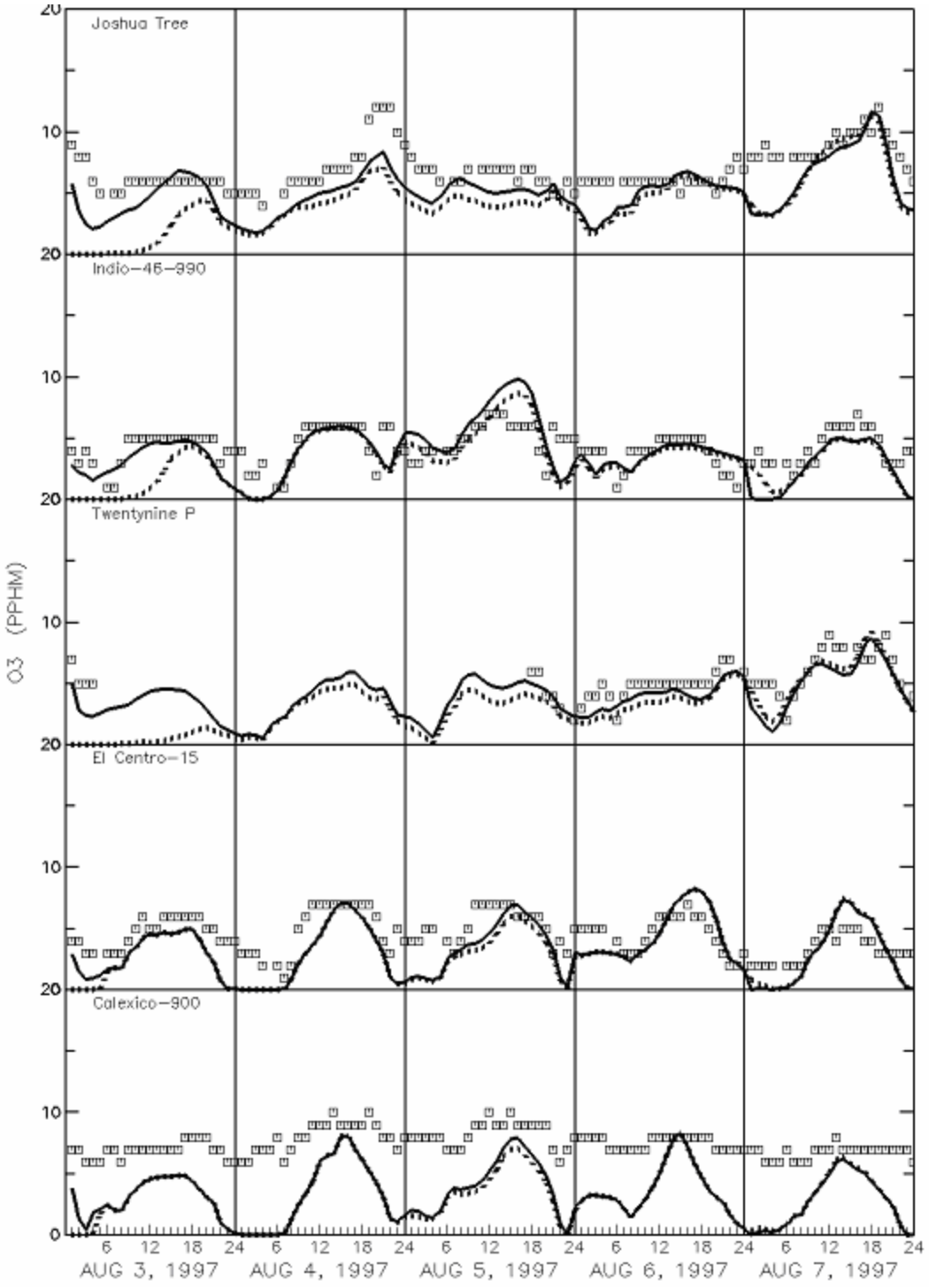

Figure A-43v

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

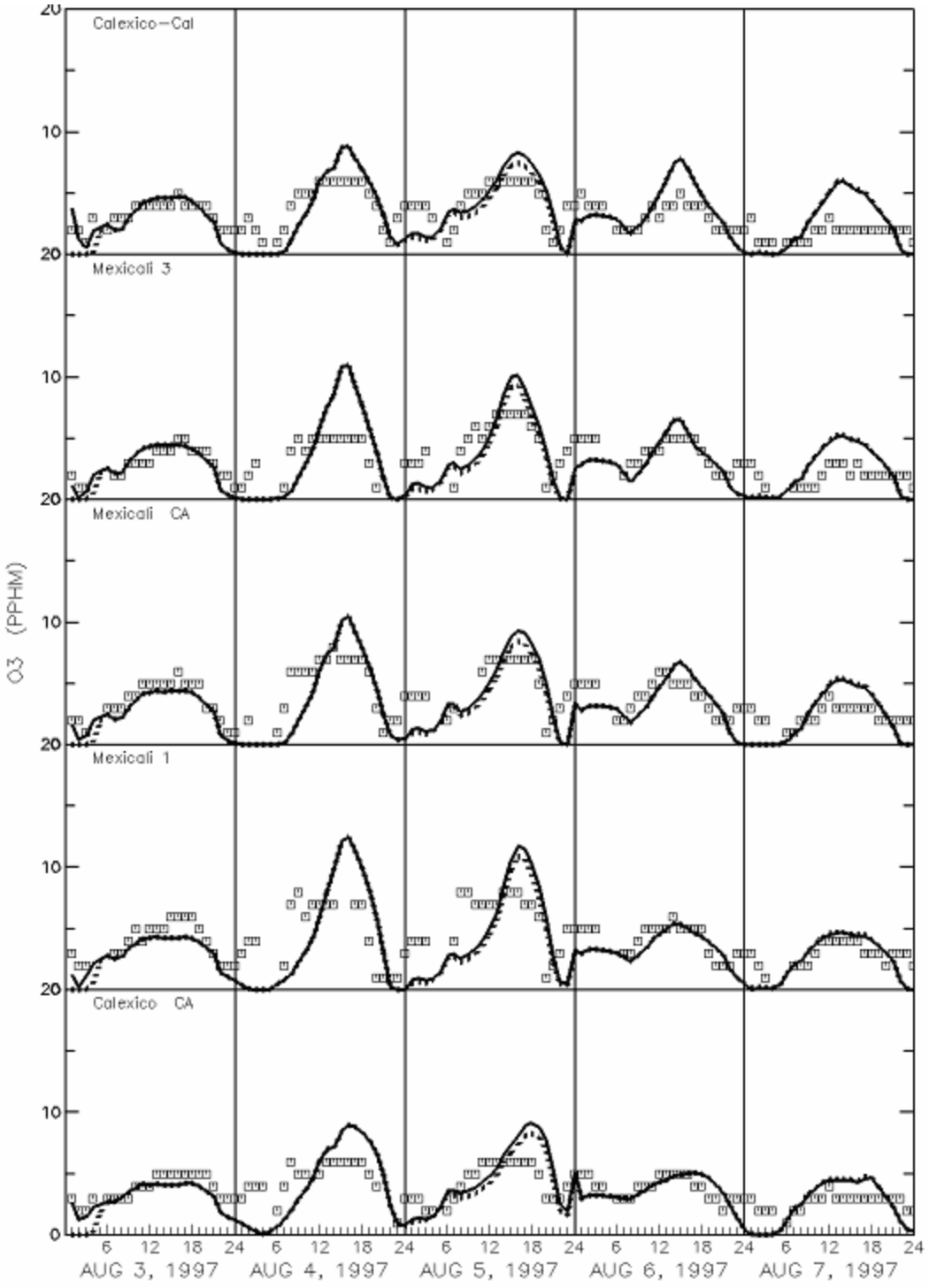

Figure A-43w

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

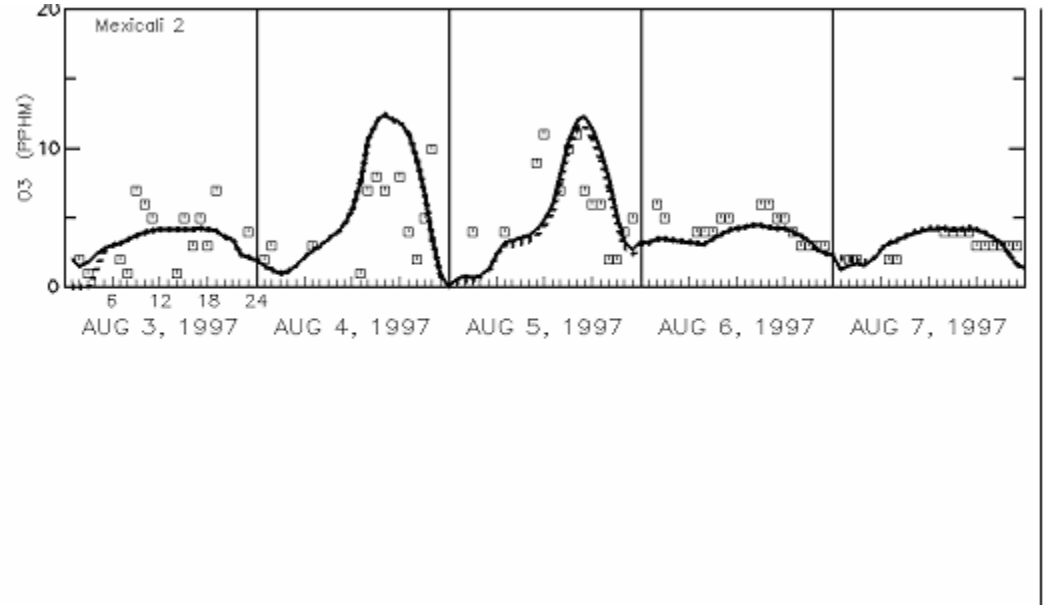

Figure A-43x

Comparison between model simulation arb97b and zero initial conditions for the August 1997 meteorological episode

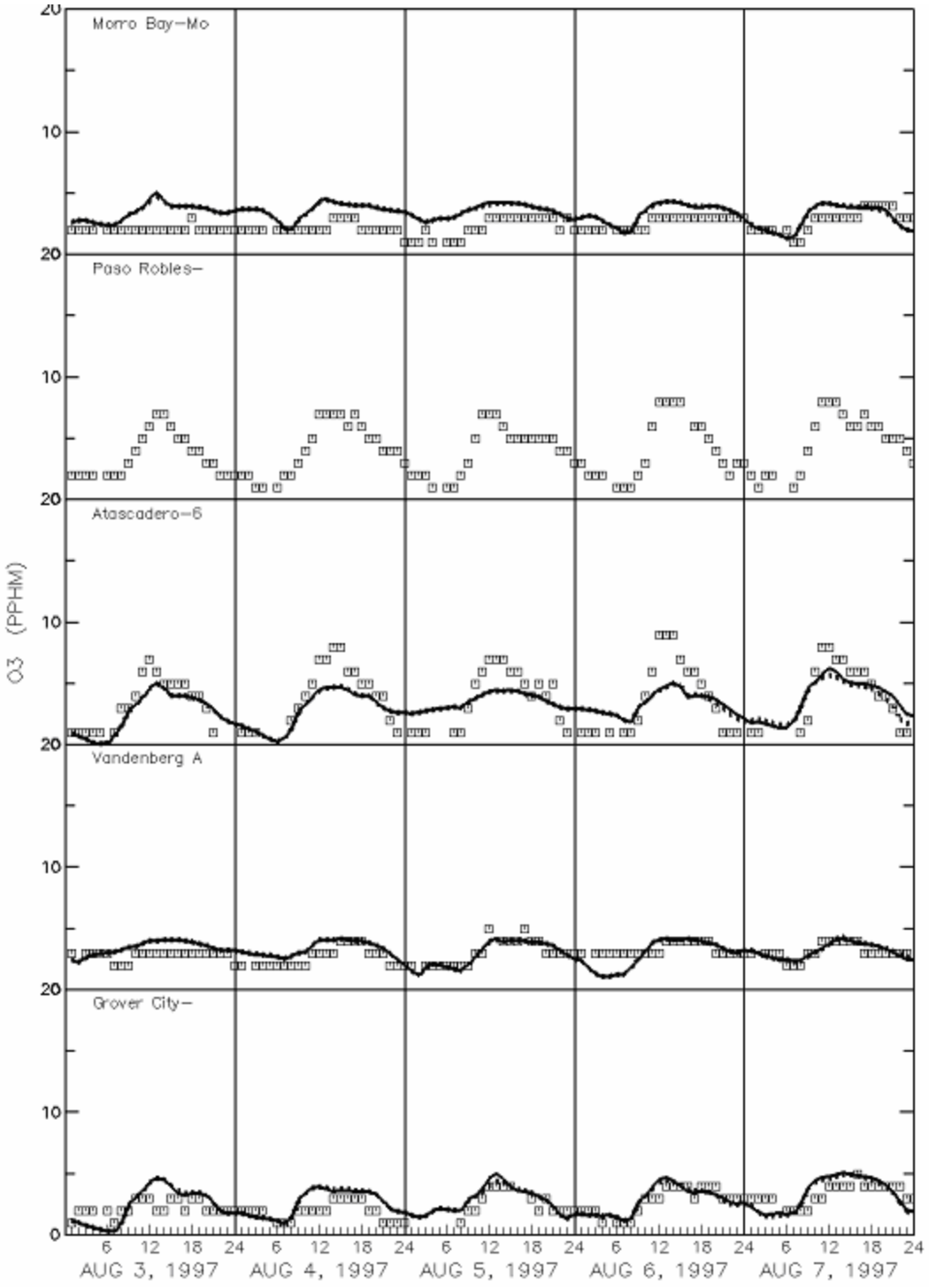

Figure A-44a

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

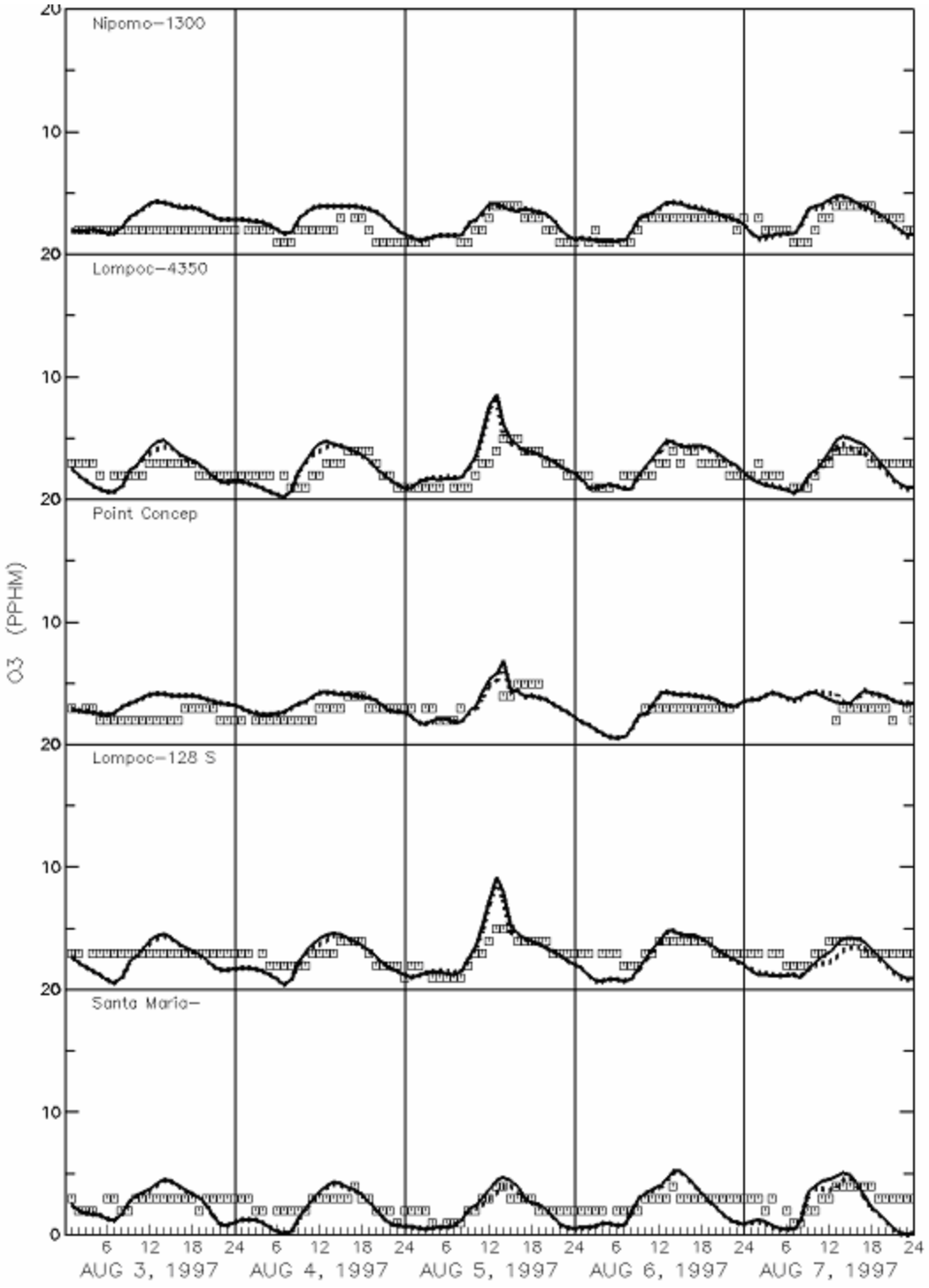

Figure A-44b

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

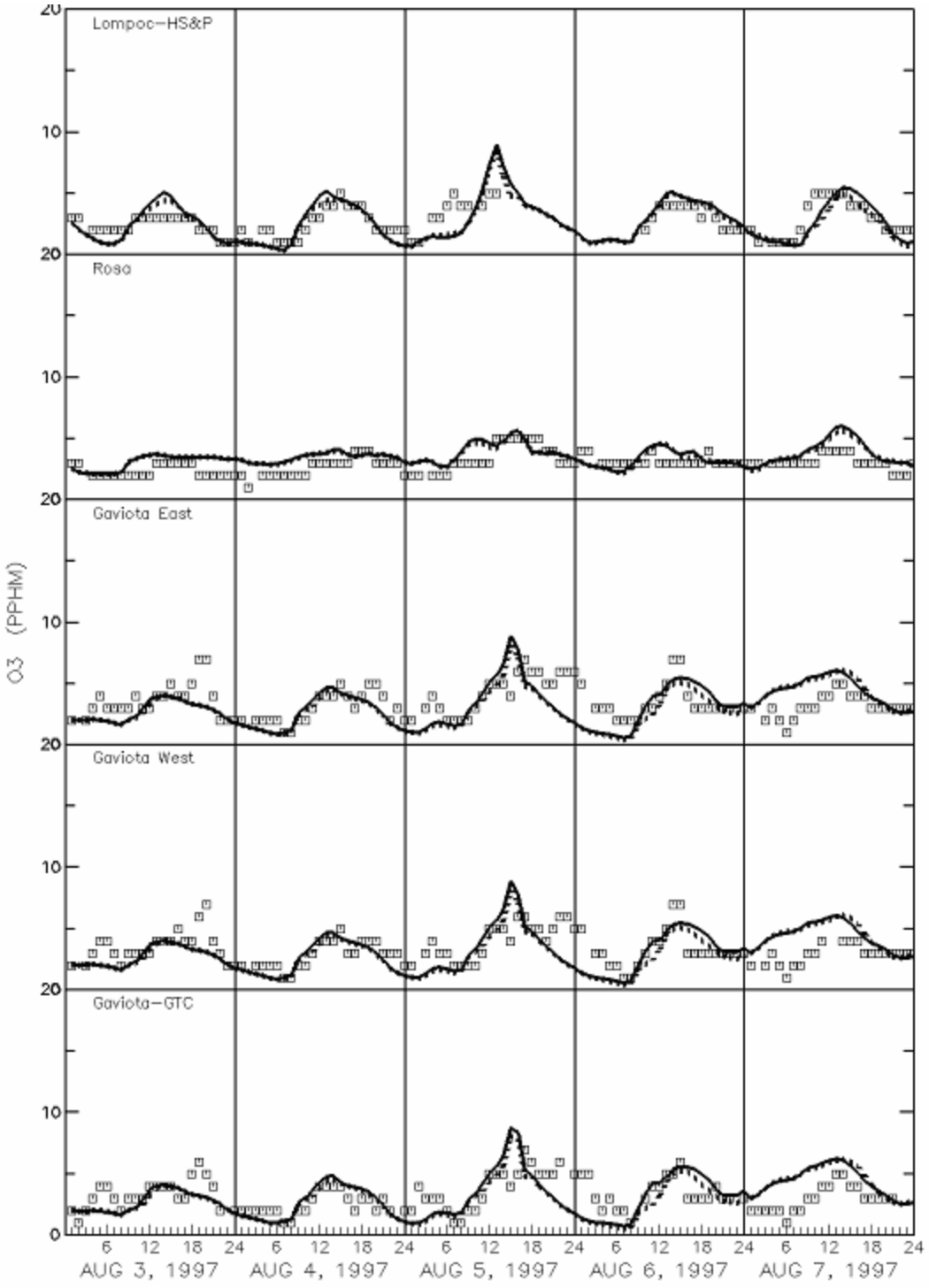

Figure A-44c

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

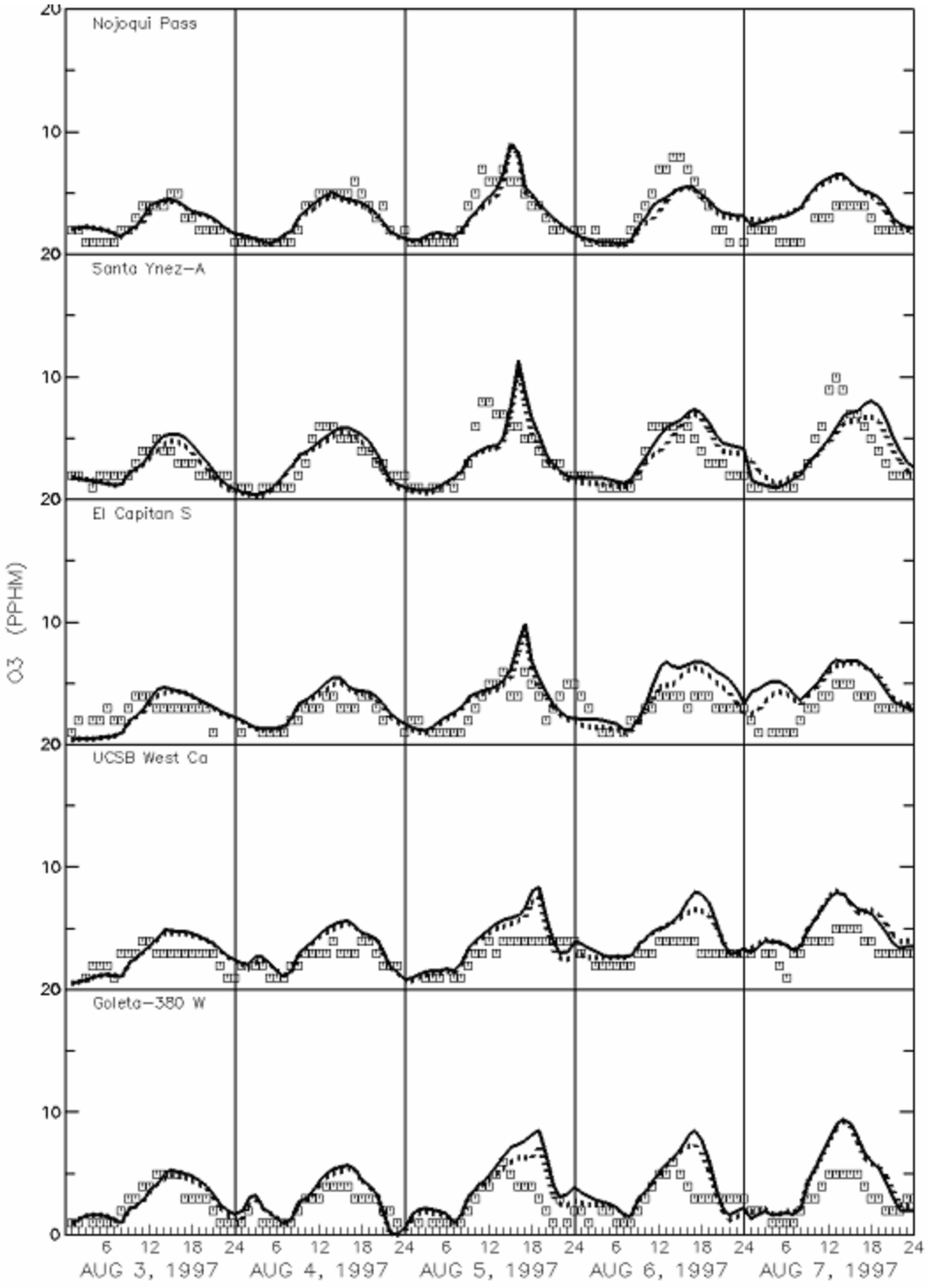

Figure A-44d

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

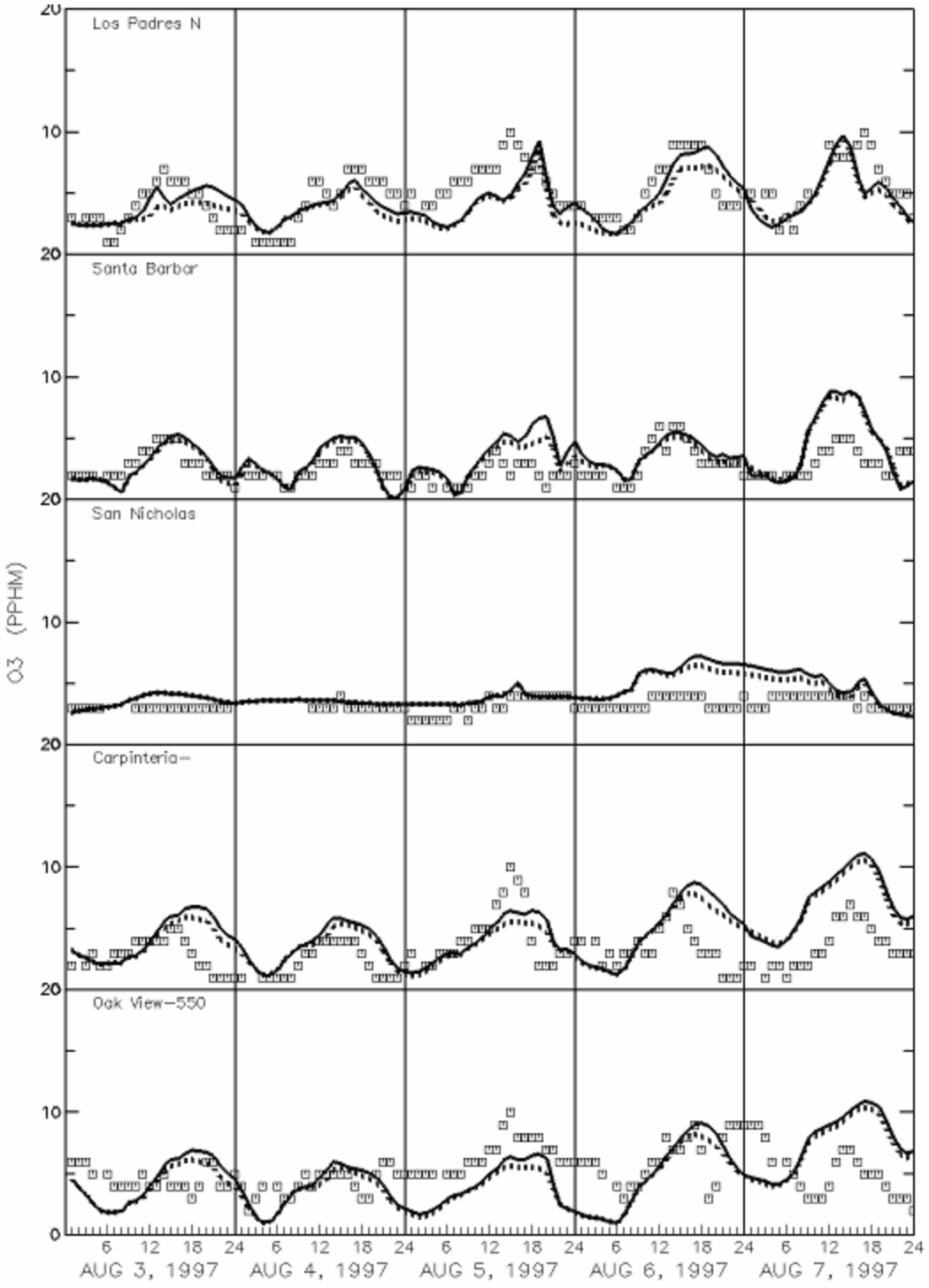

Figure A-44e

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

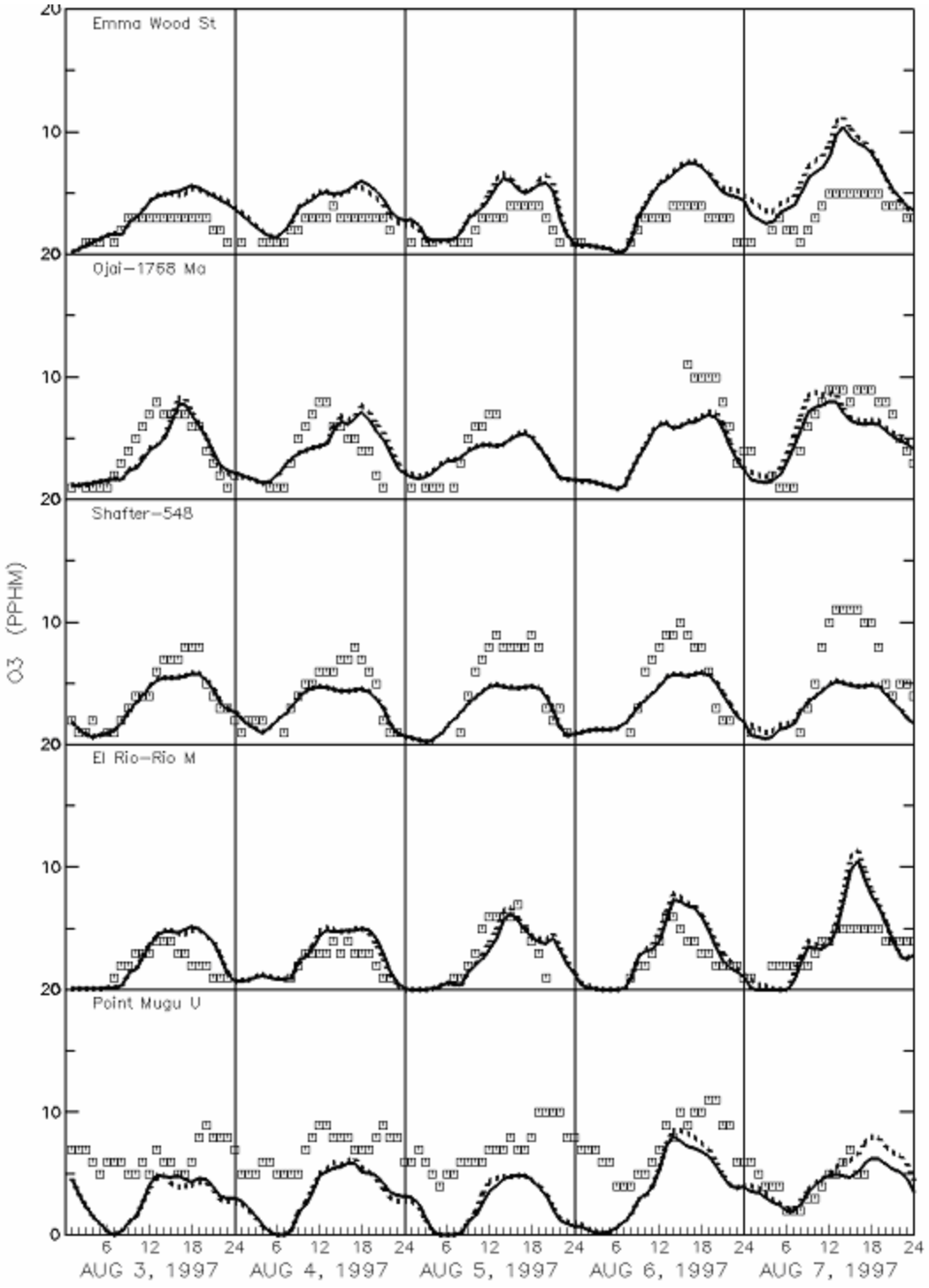

Figure A-44f

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

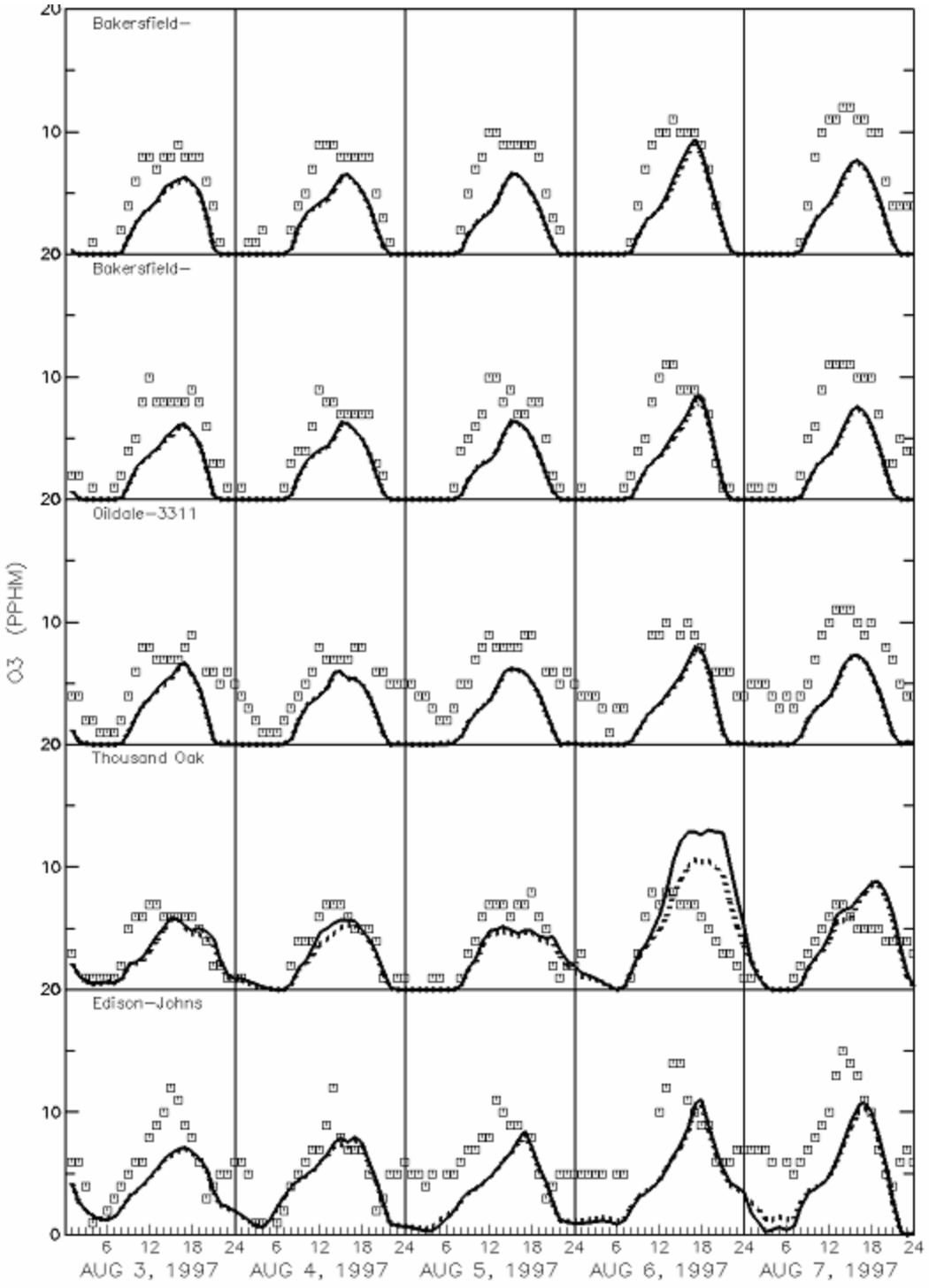

Figure A-44g

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

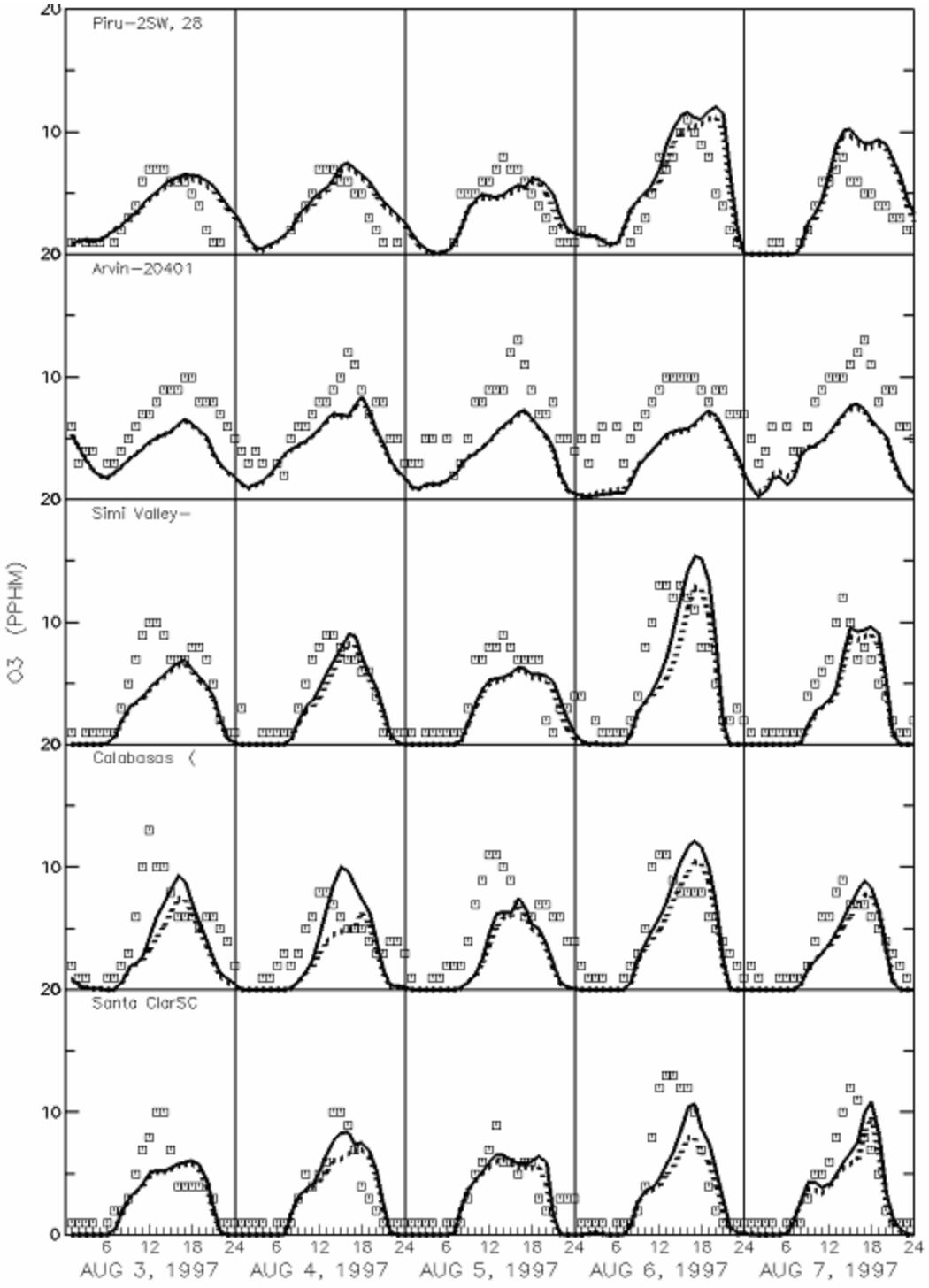

Figure A-44h

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

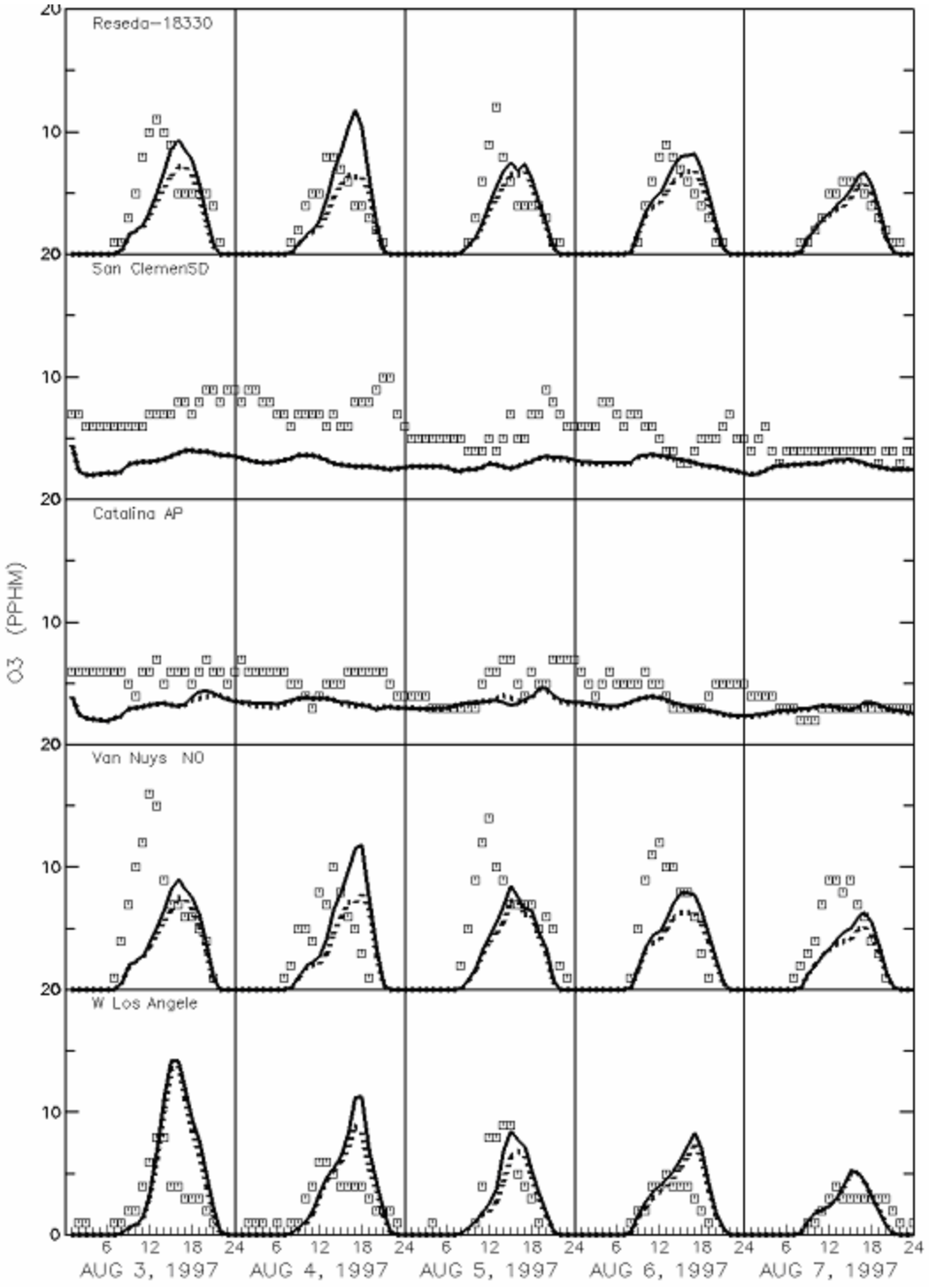

Figure A-44i

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

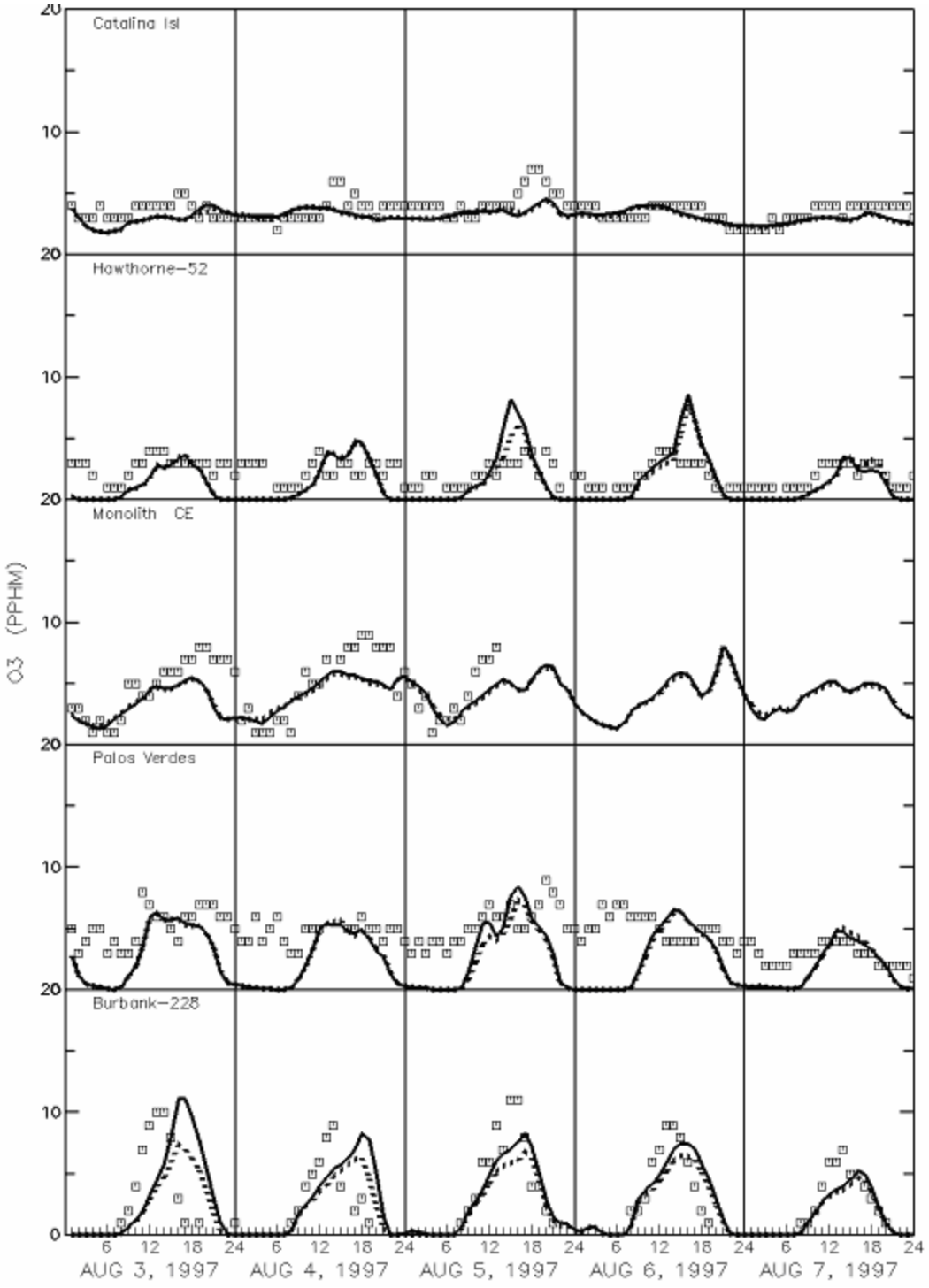

Figure A-44j

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

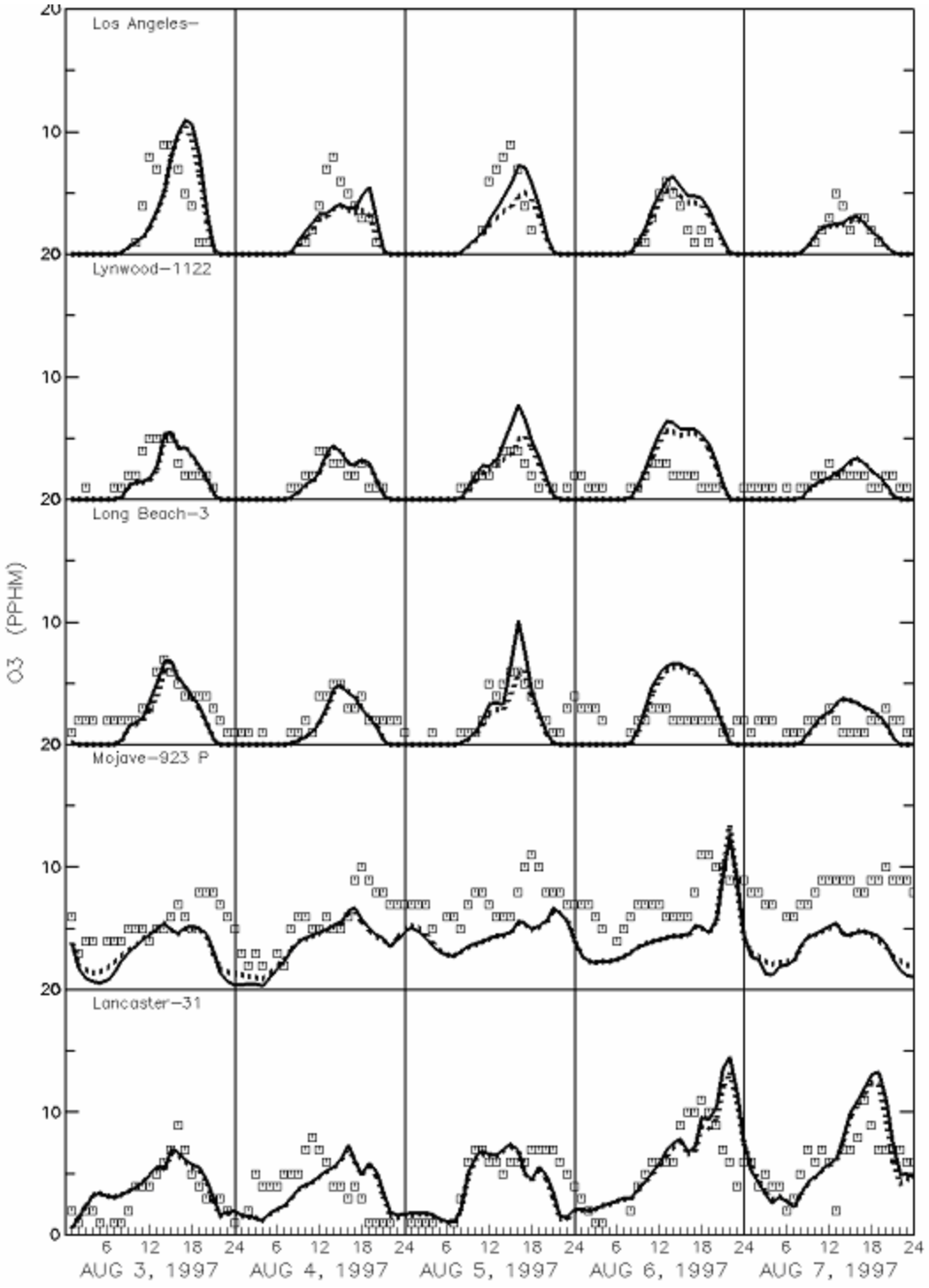

Figure A-44k

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

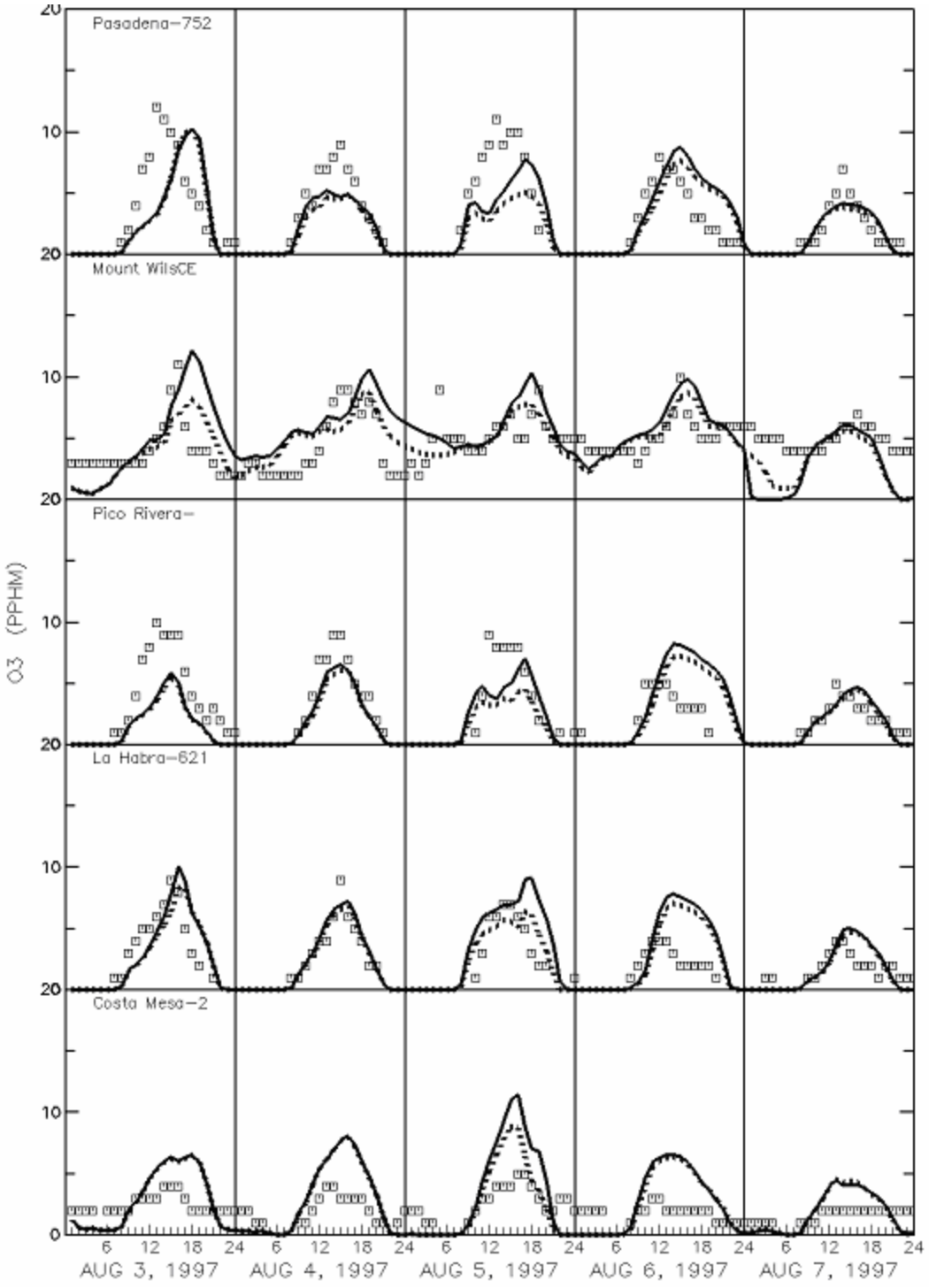

Figure A-44l

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

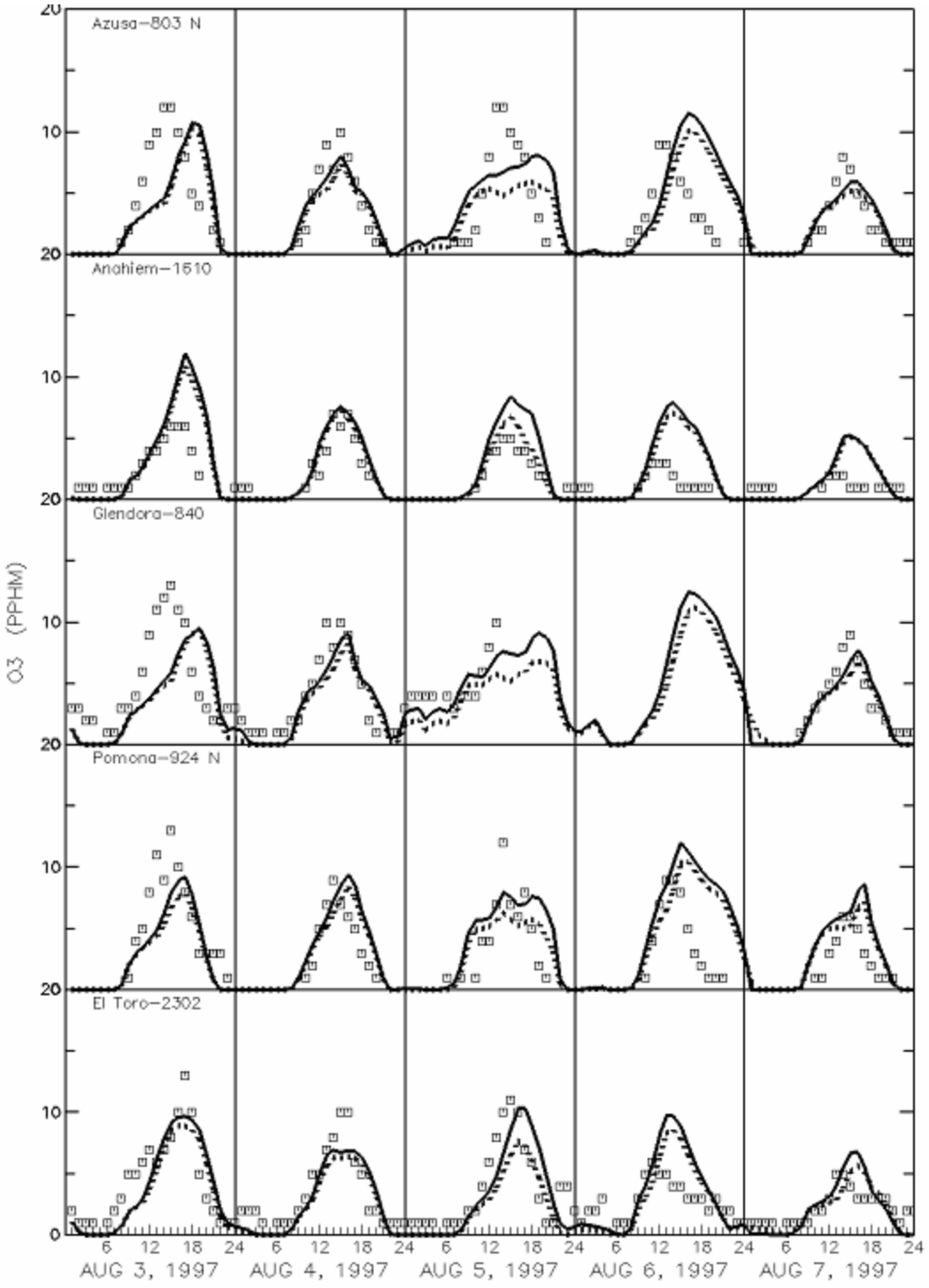

Figure A-44m

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

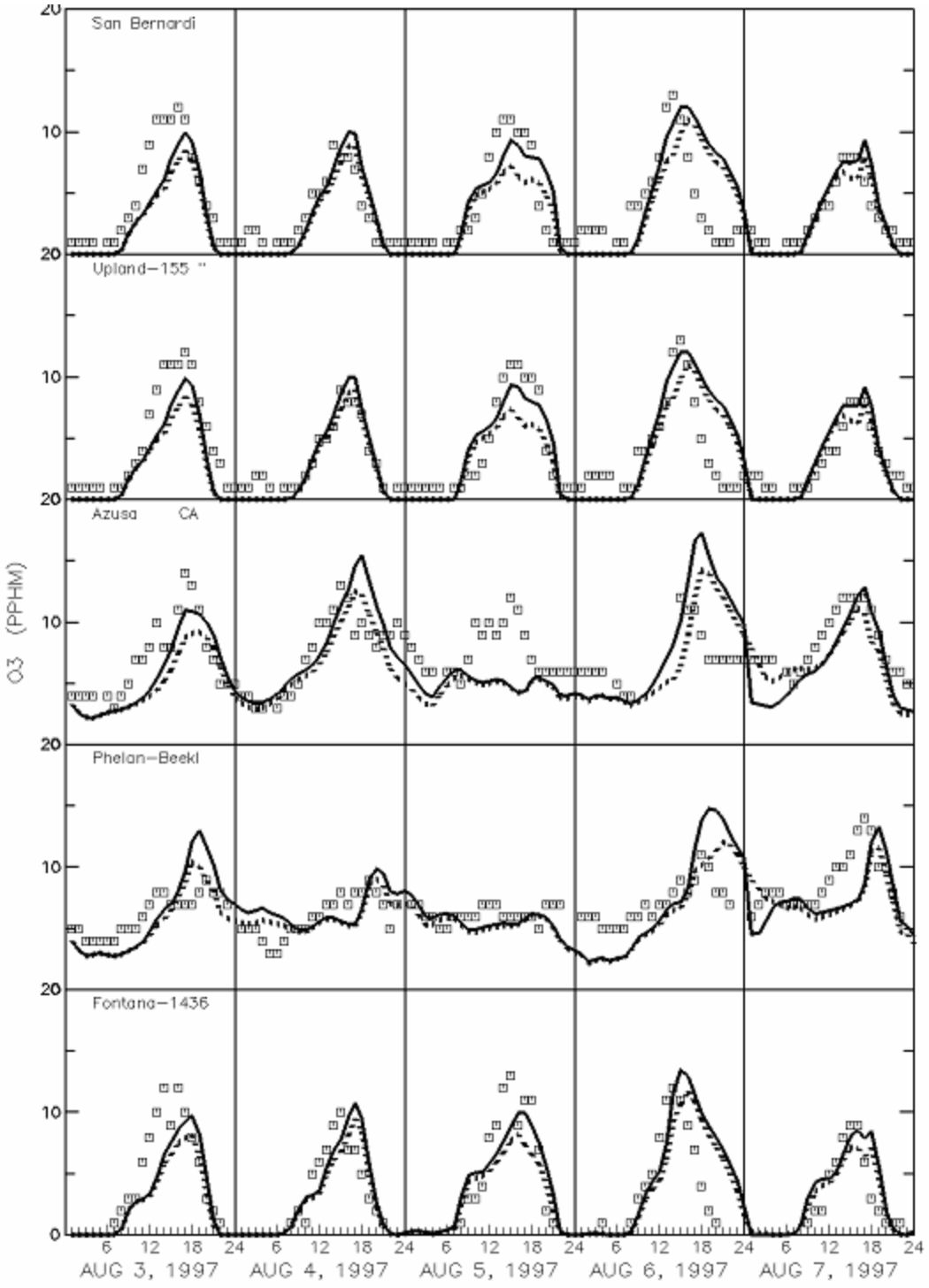

Figure A-44n

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

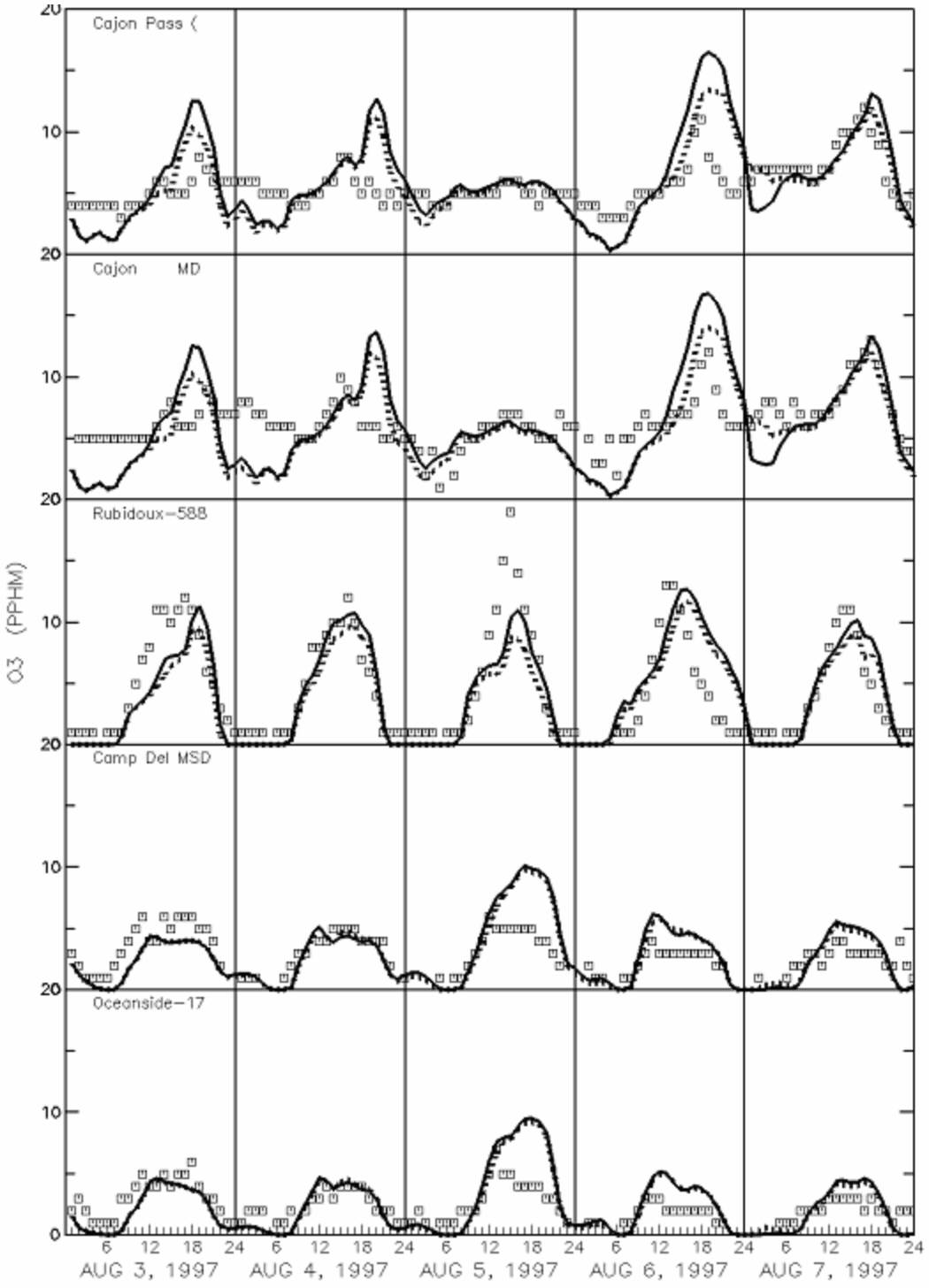

Figure A-44o

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

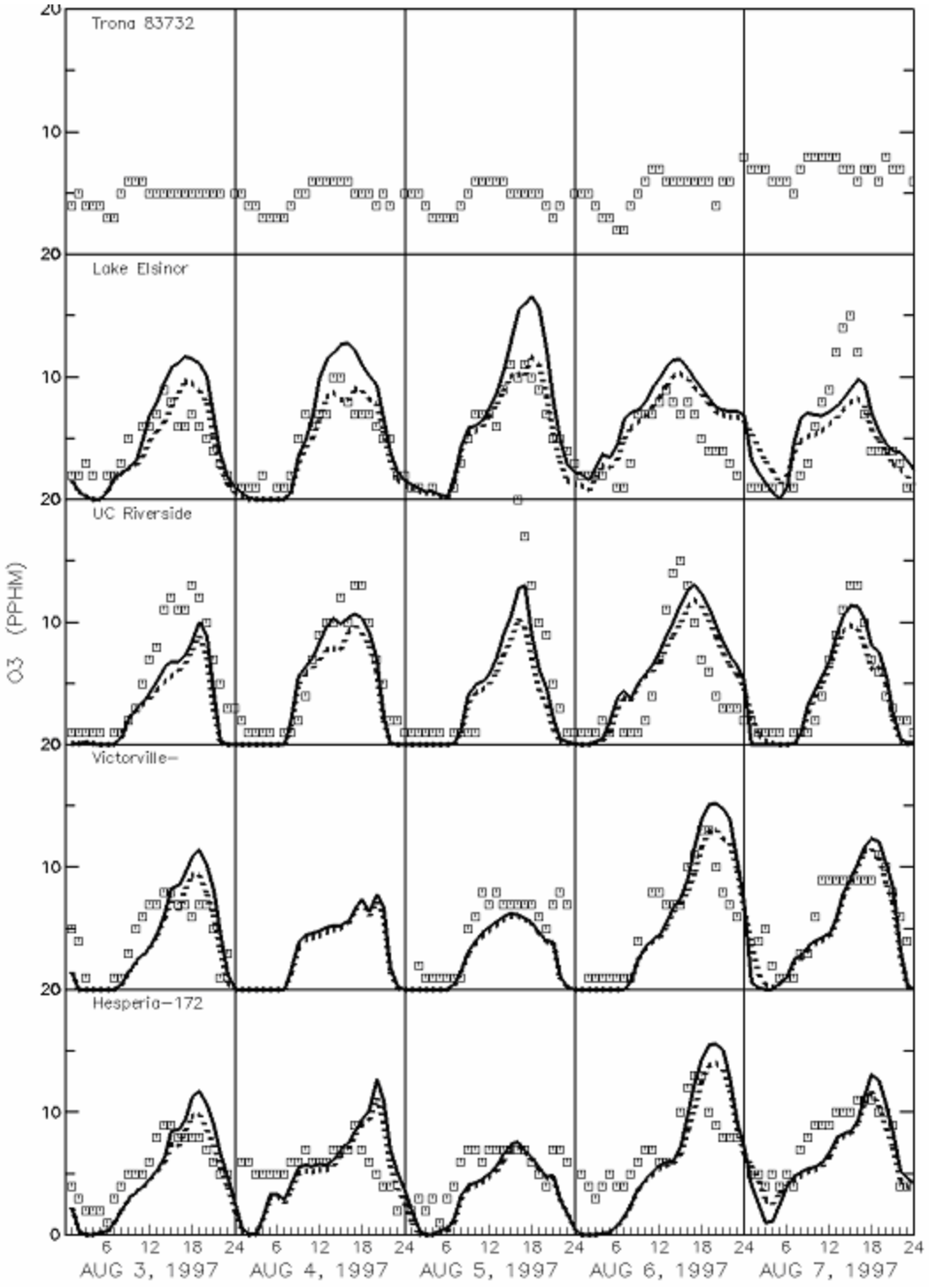

Figure A-44p

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

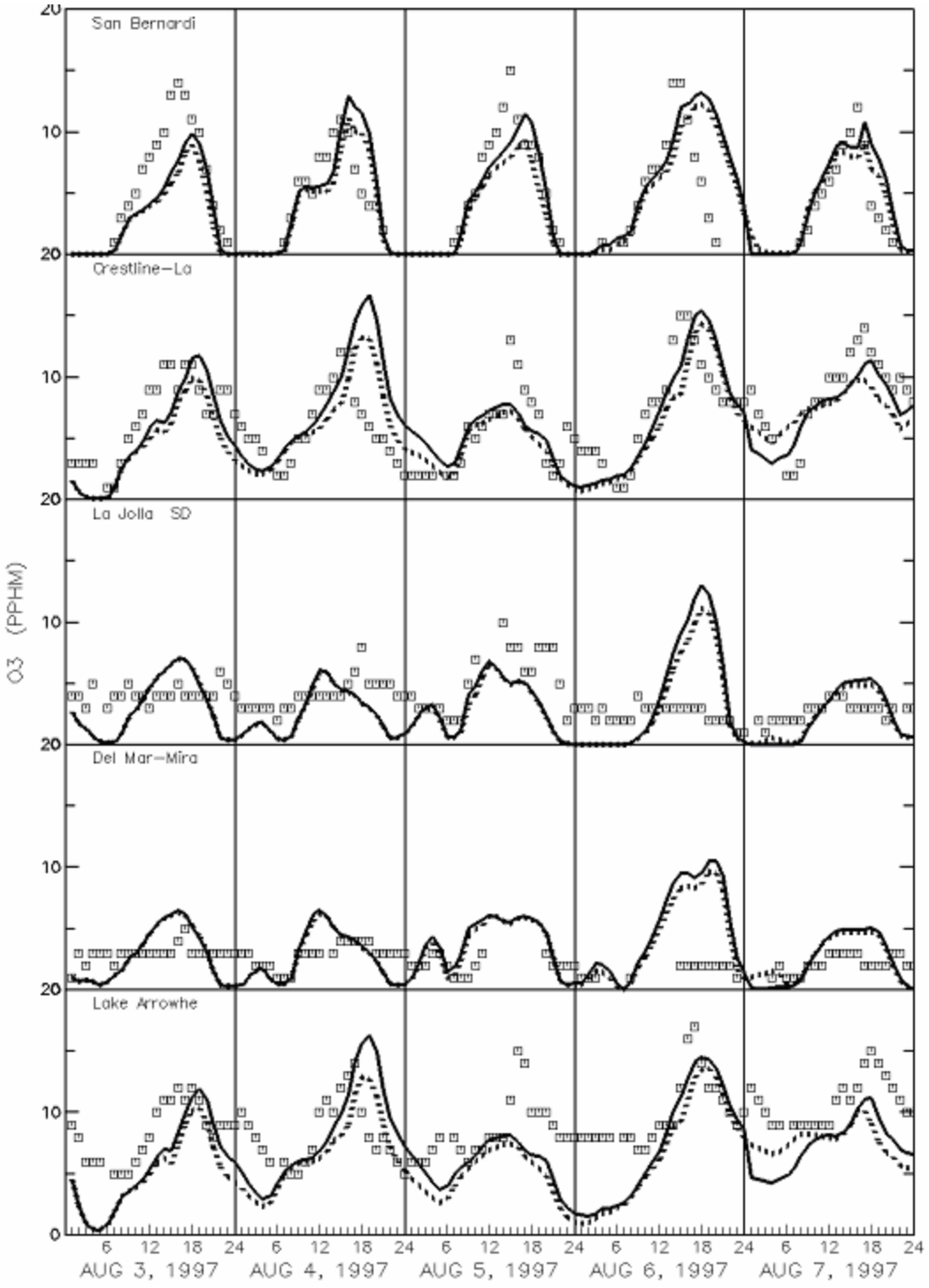

Figure A-44q

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

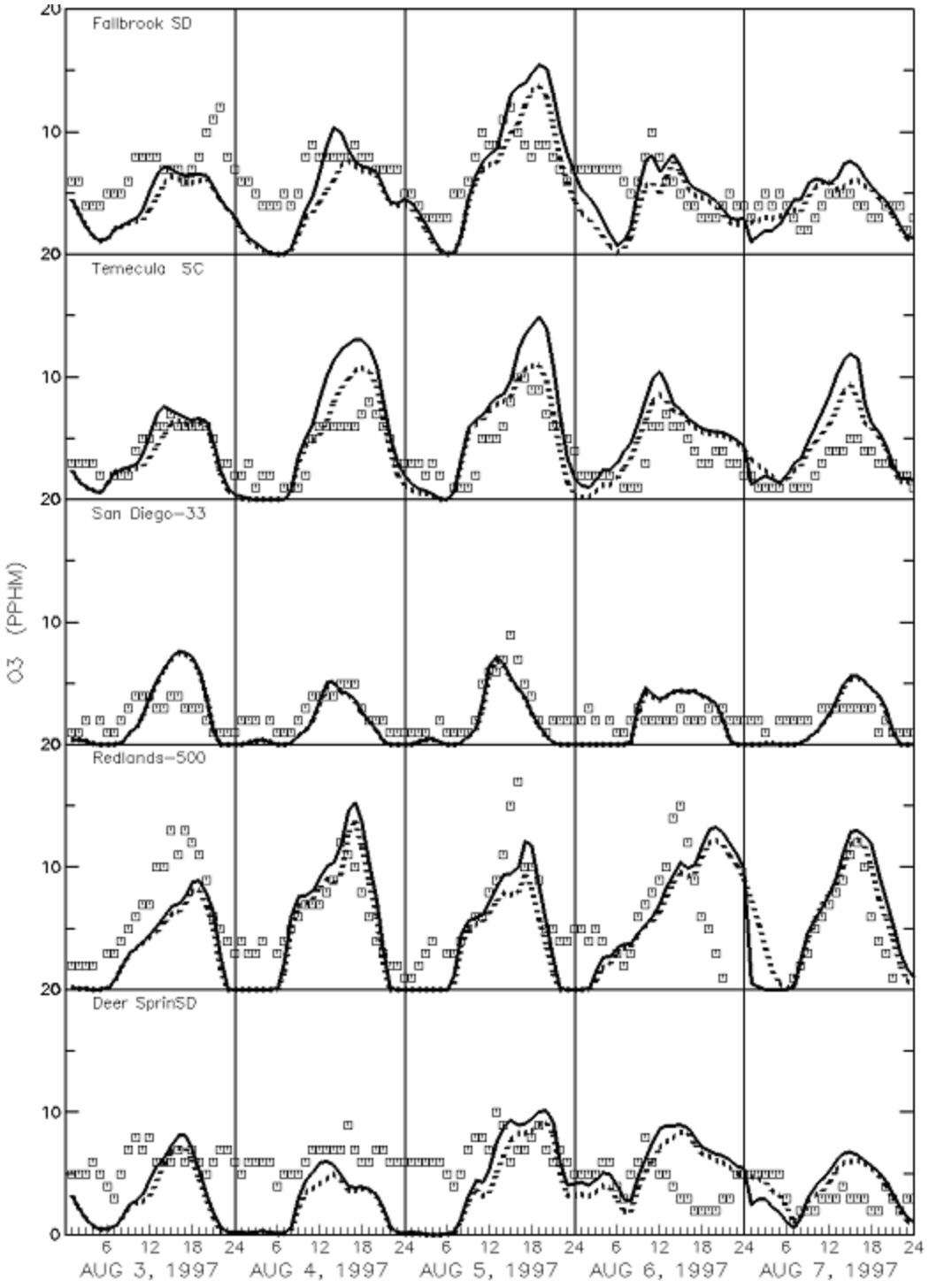

Figure A-44r

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

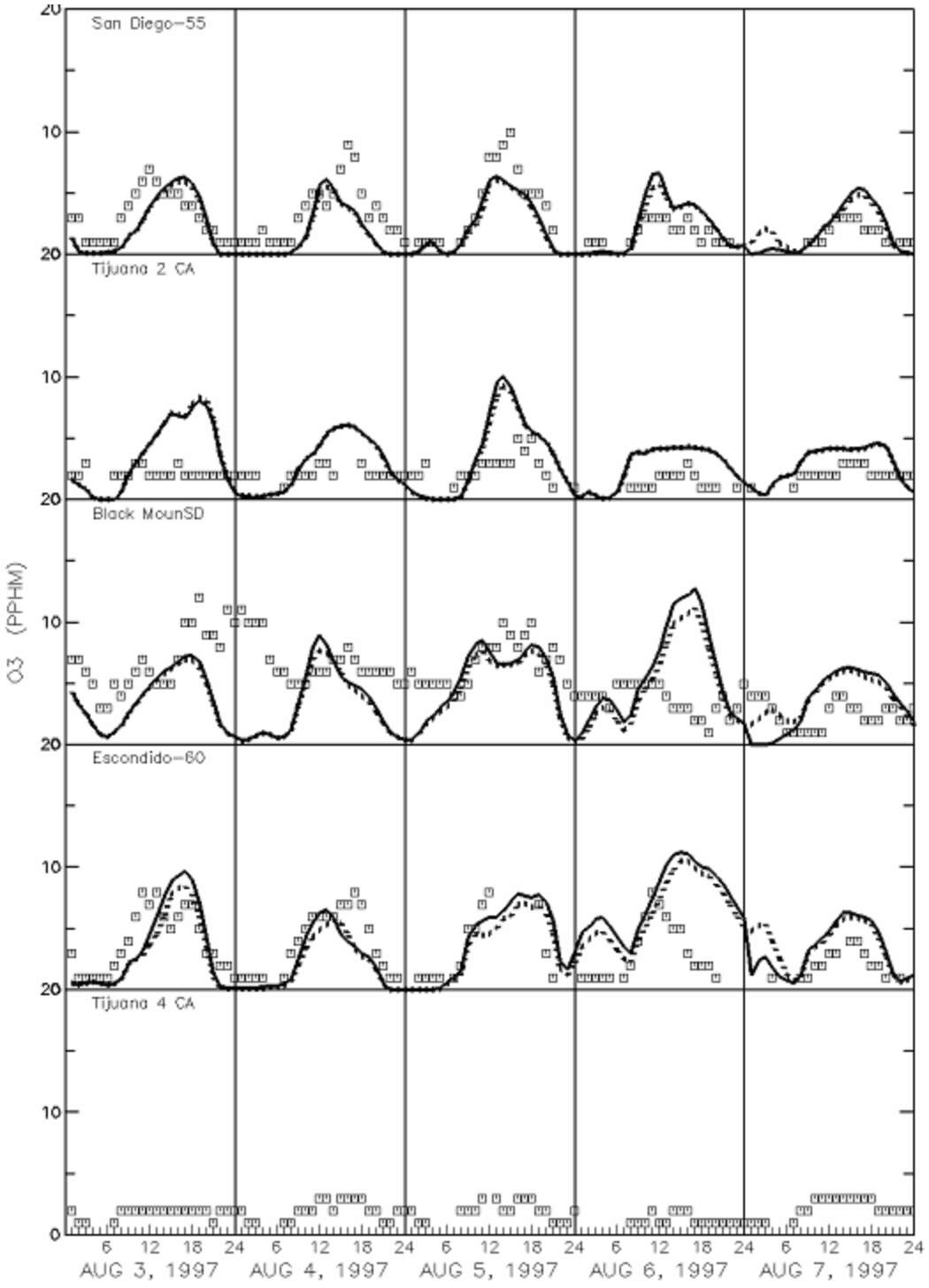

Figure A-44s

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

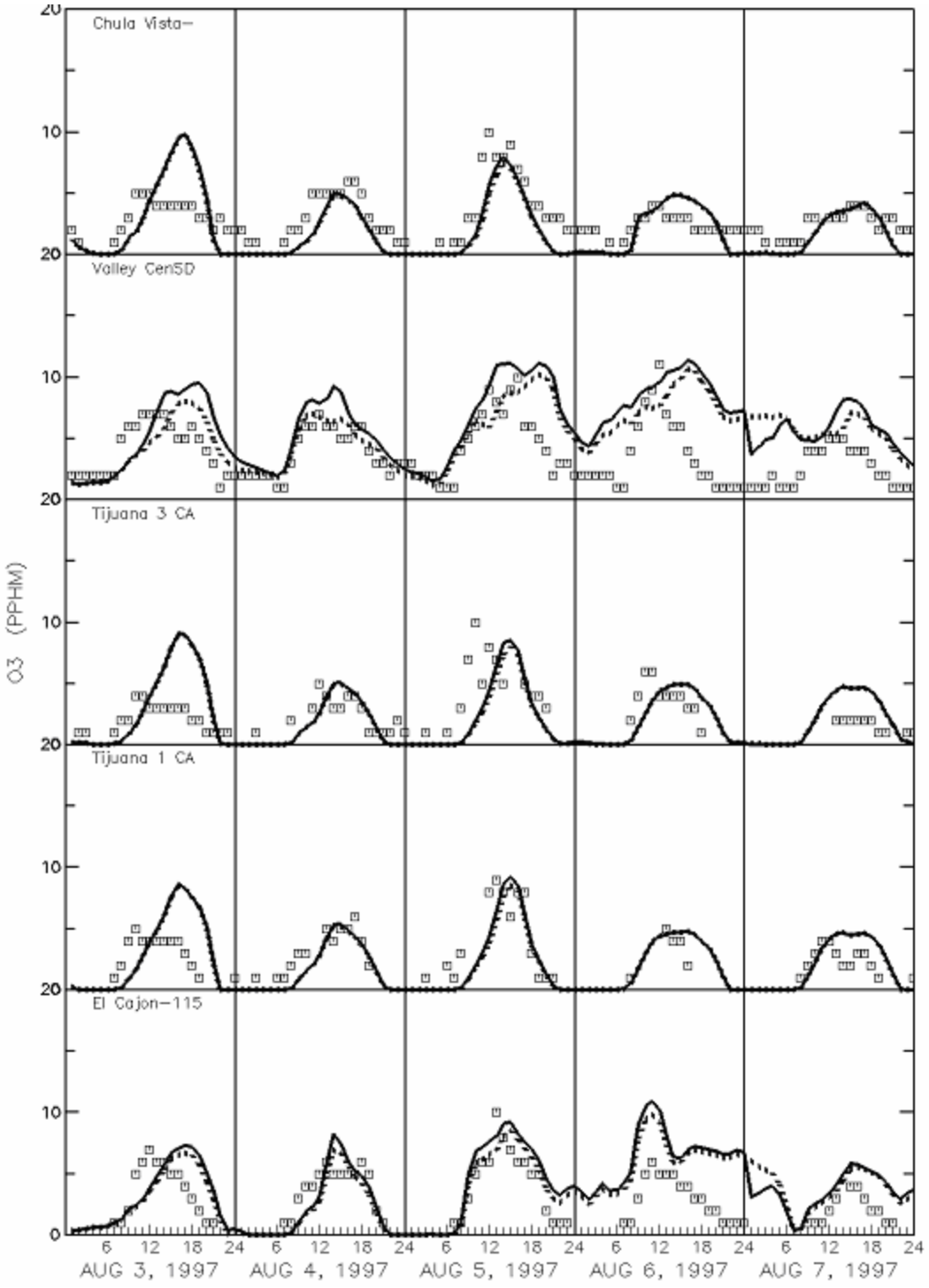

Figure A-45t

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

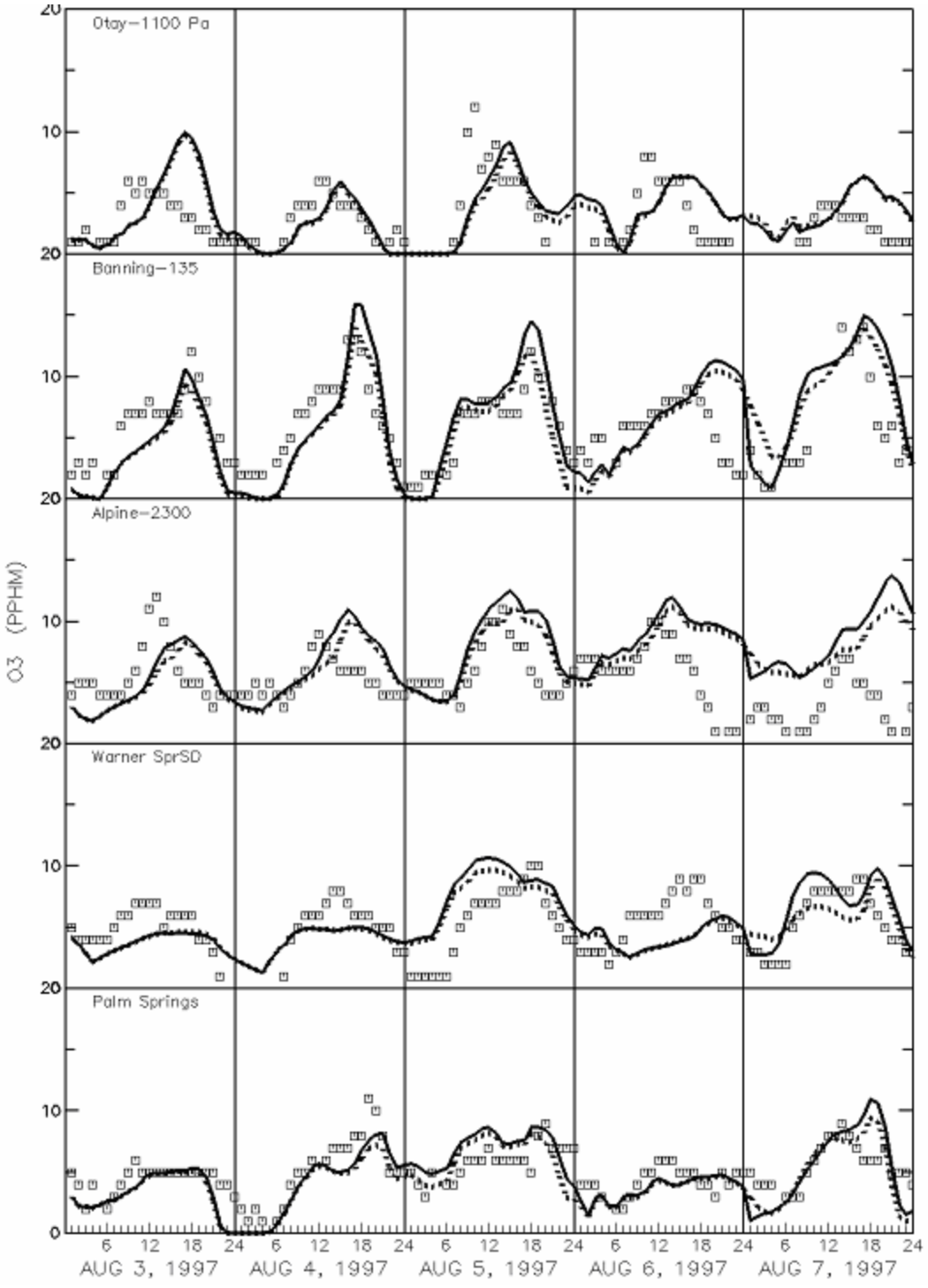

Figure A-44u

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

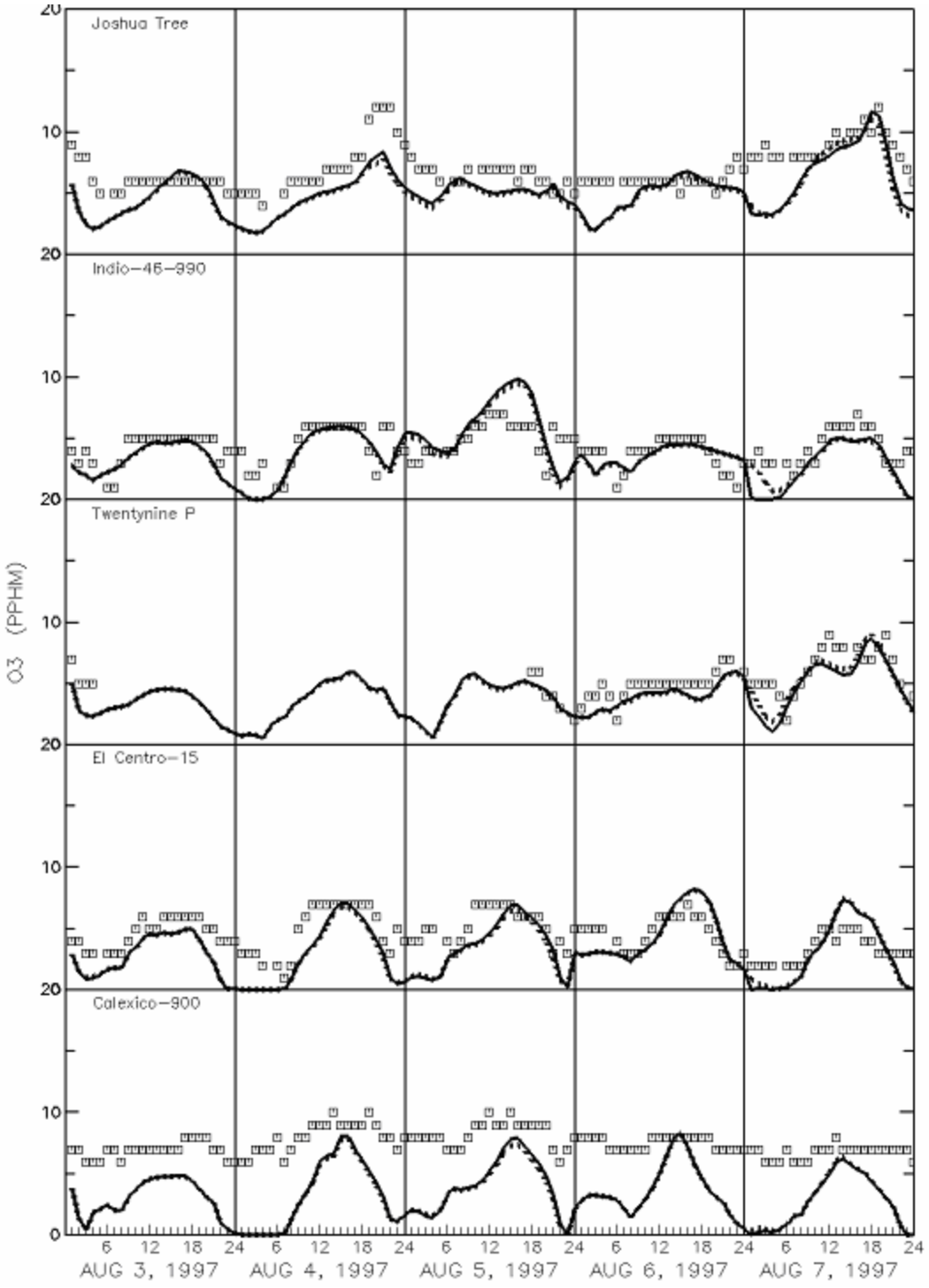

Figure A-44v

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

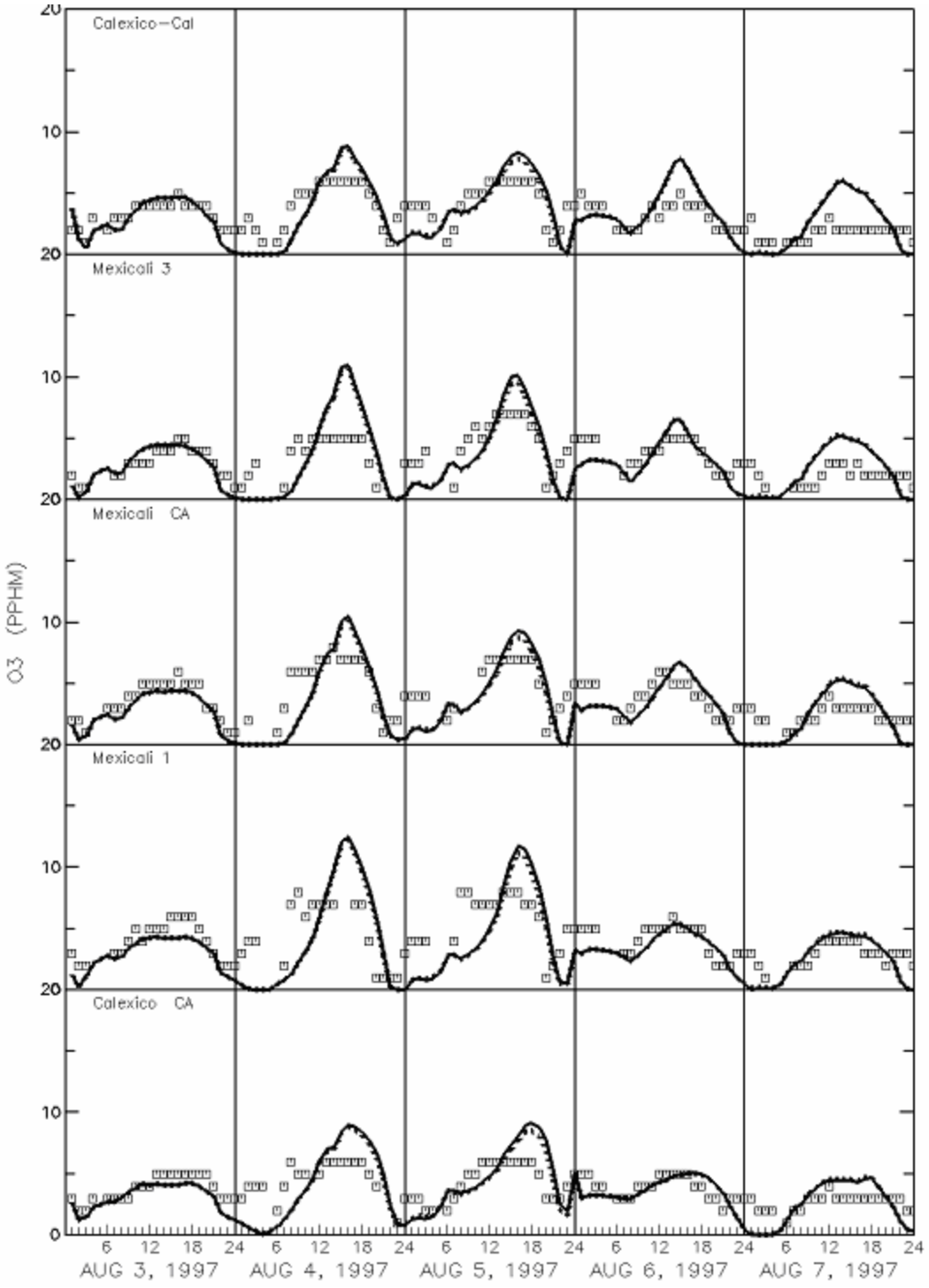

Figure A-44w

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

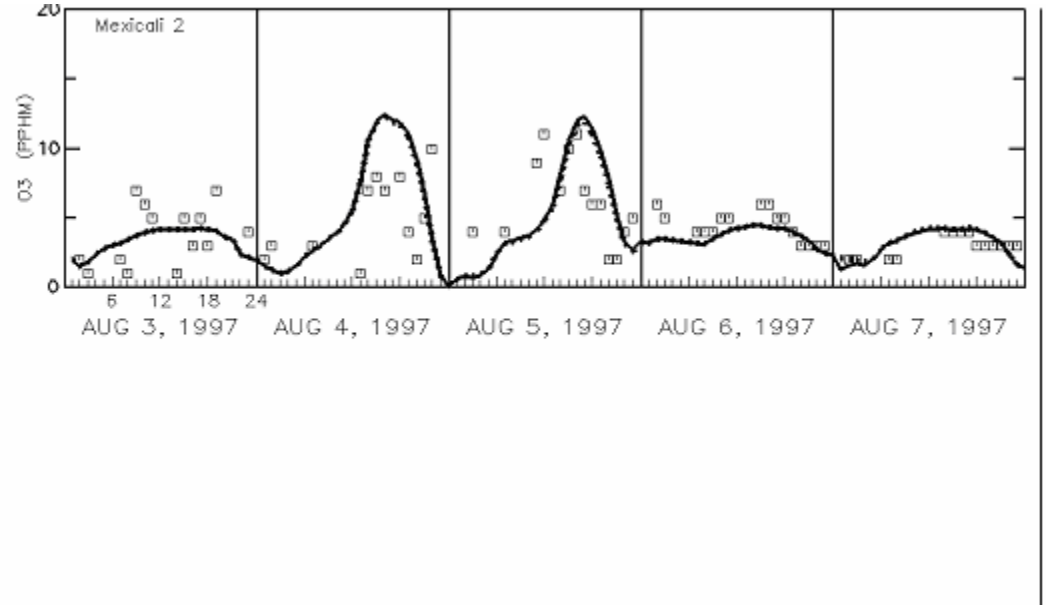

Figure A-44x

Comparison between model simulation arb97b and zero biogenic emissions for the August 1997 meteorological episode

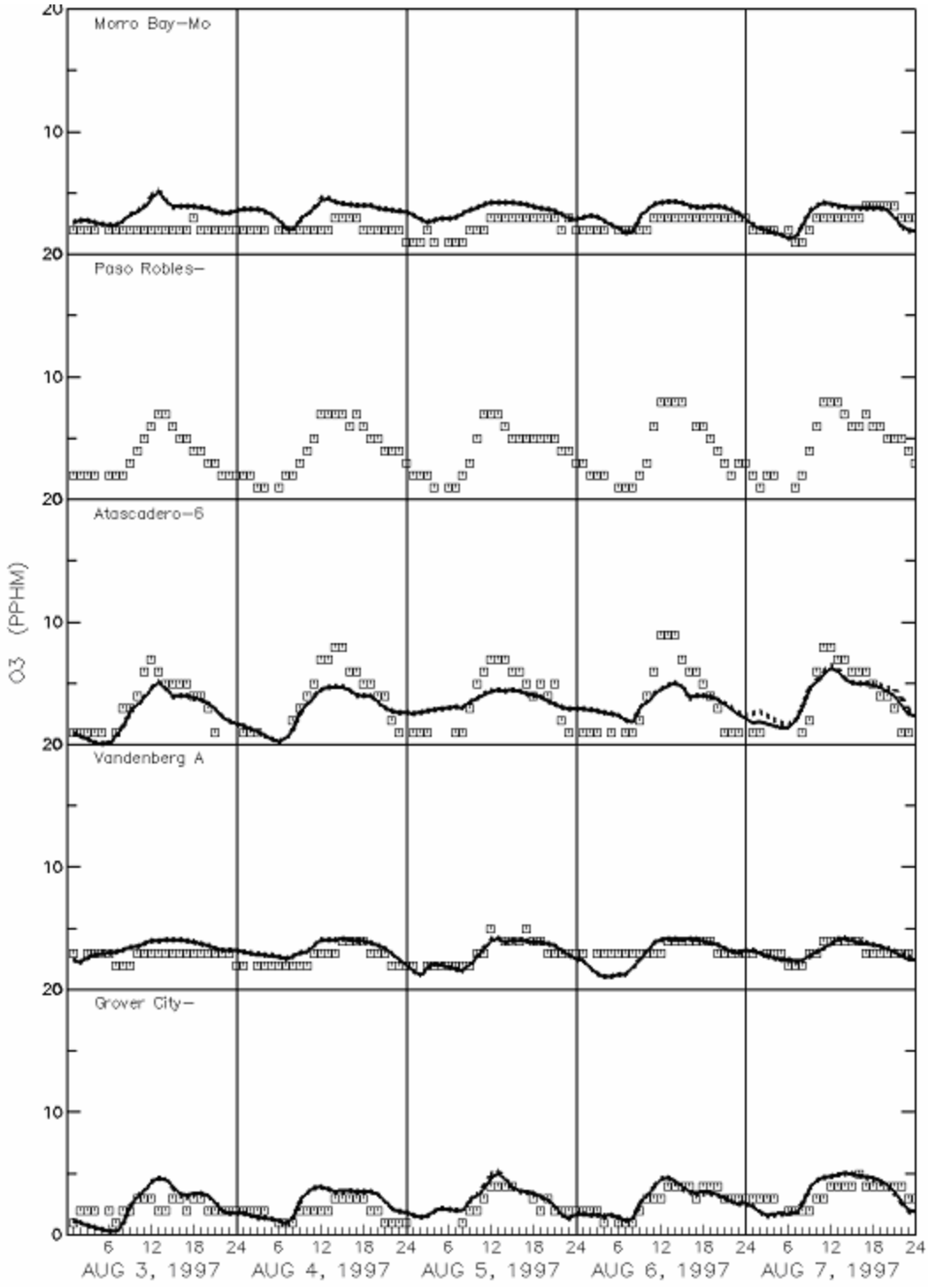

Figure A-45a

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

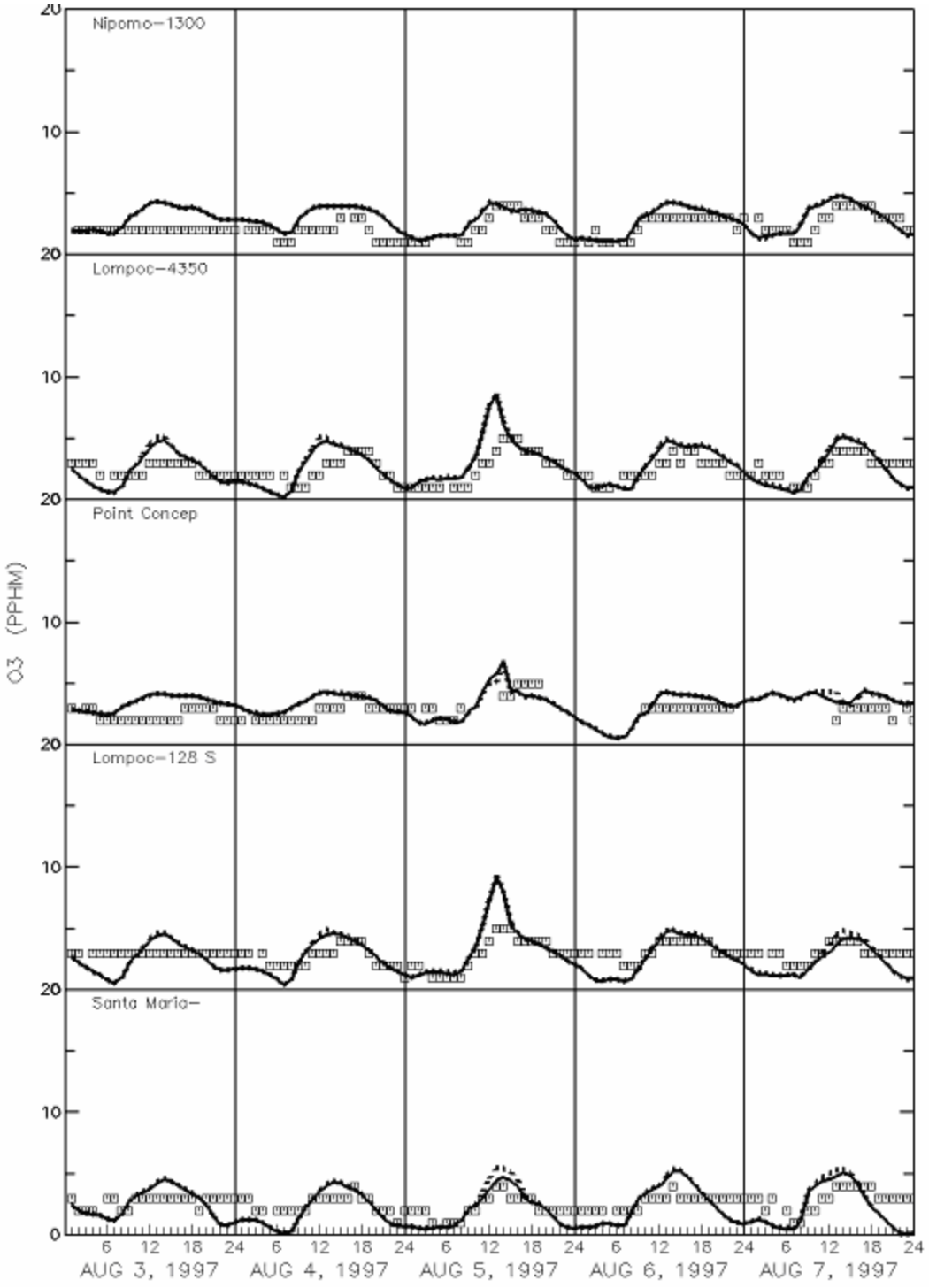

Figure A-45b

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

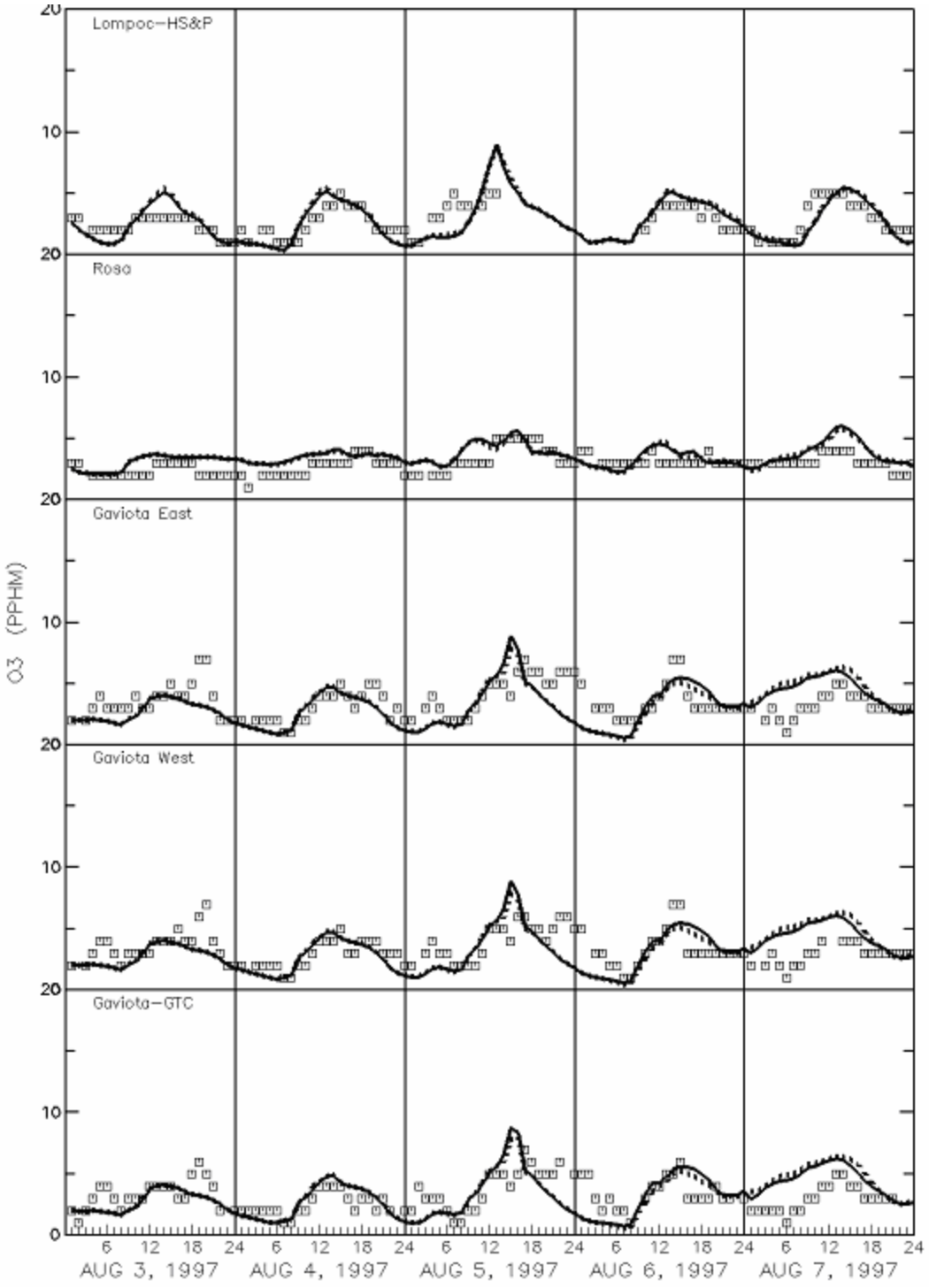

Figure A-45c

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

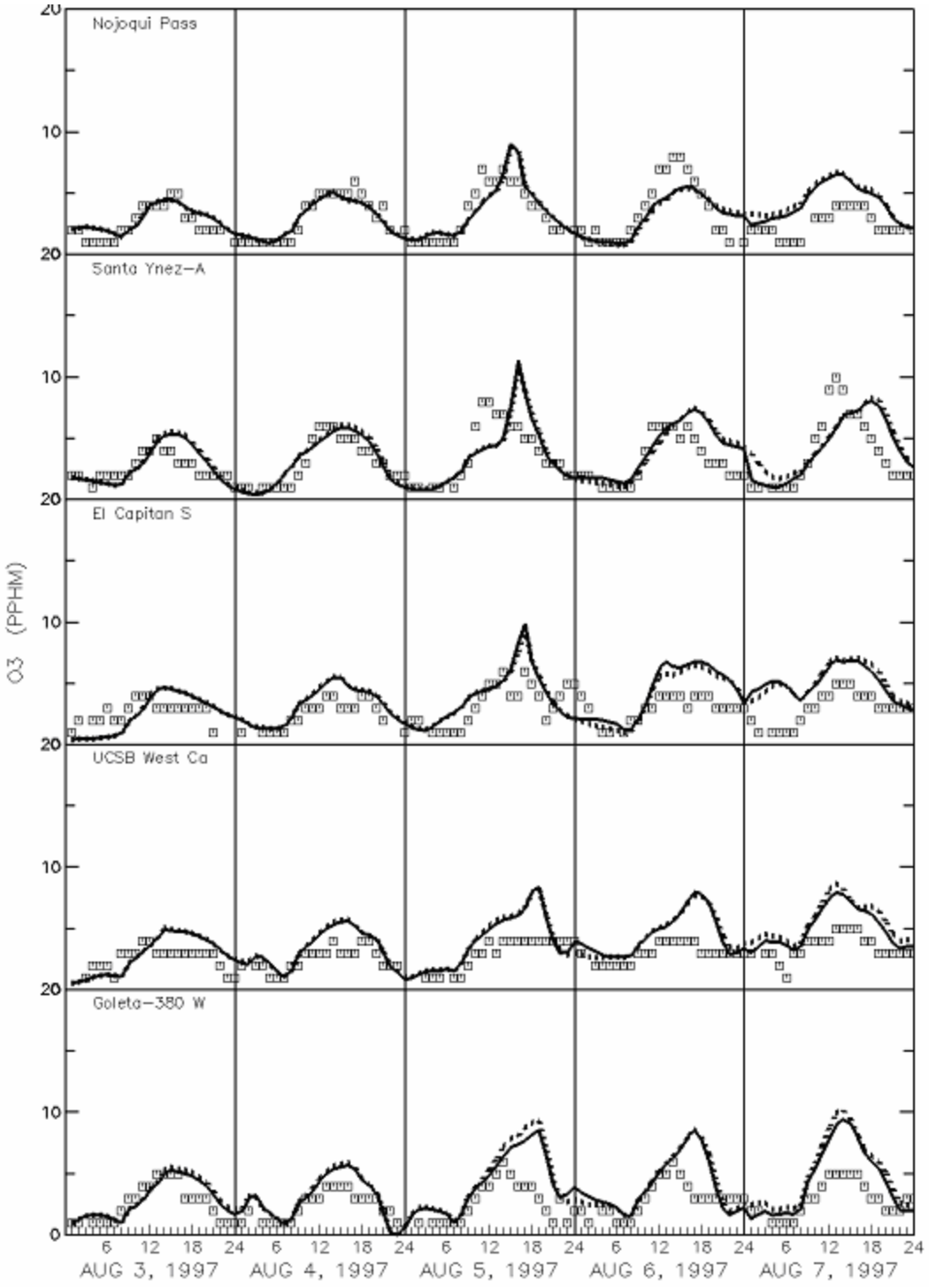

Figure A-45d

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

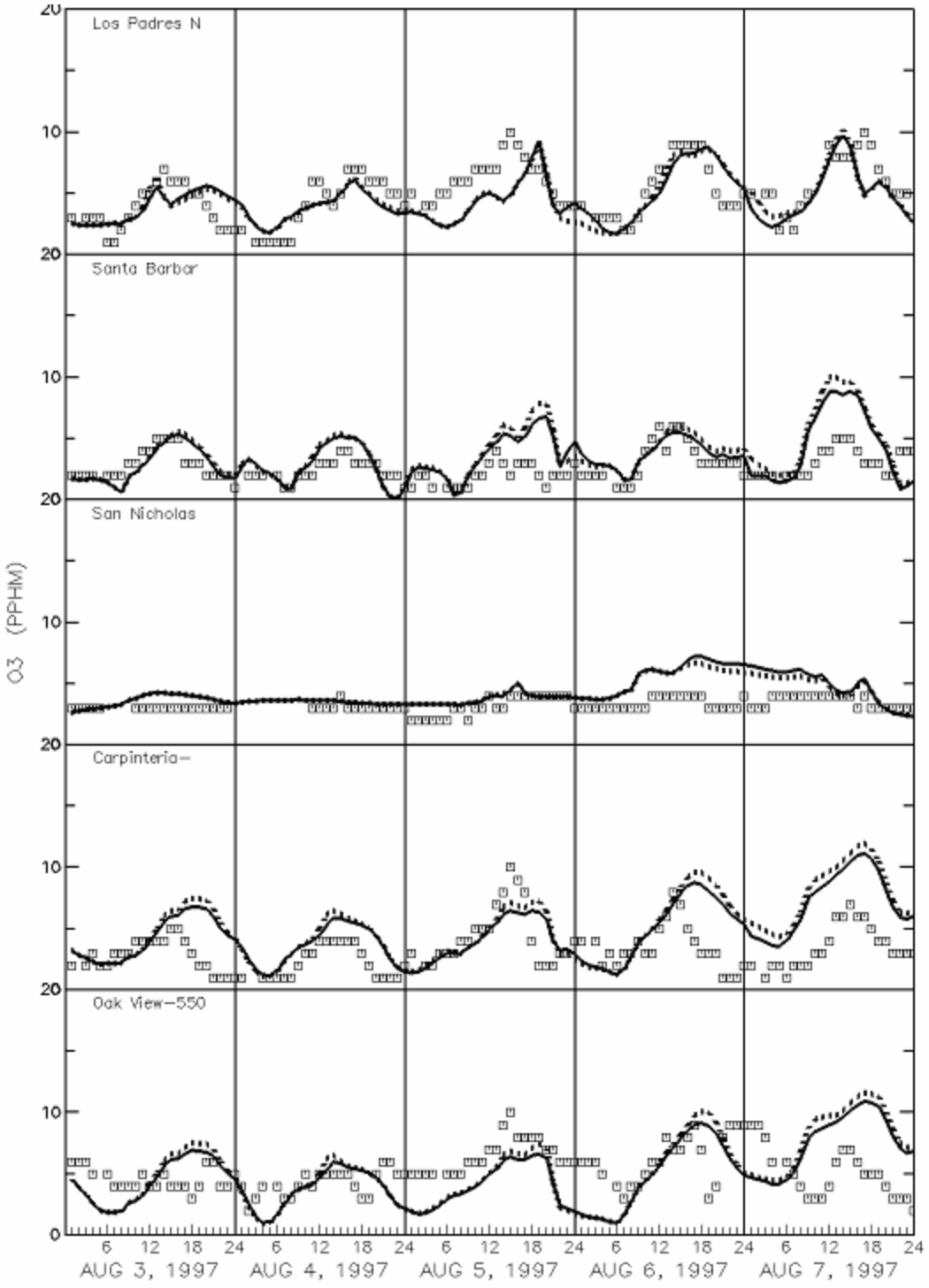

Figure A-45e

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

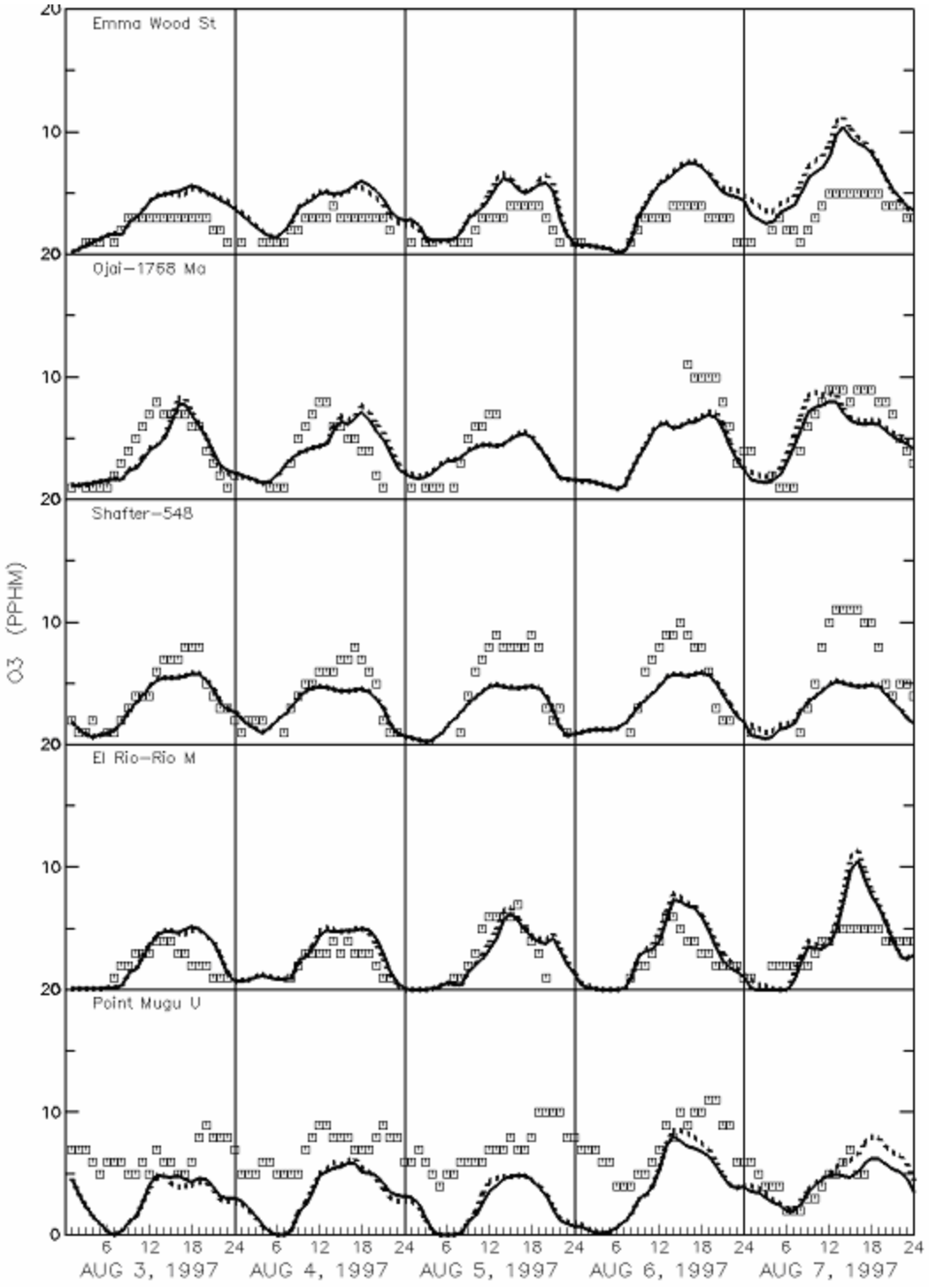

Figure A-45f

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

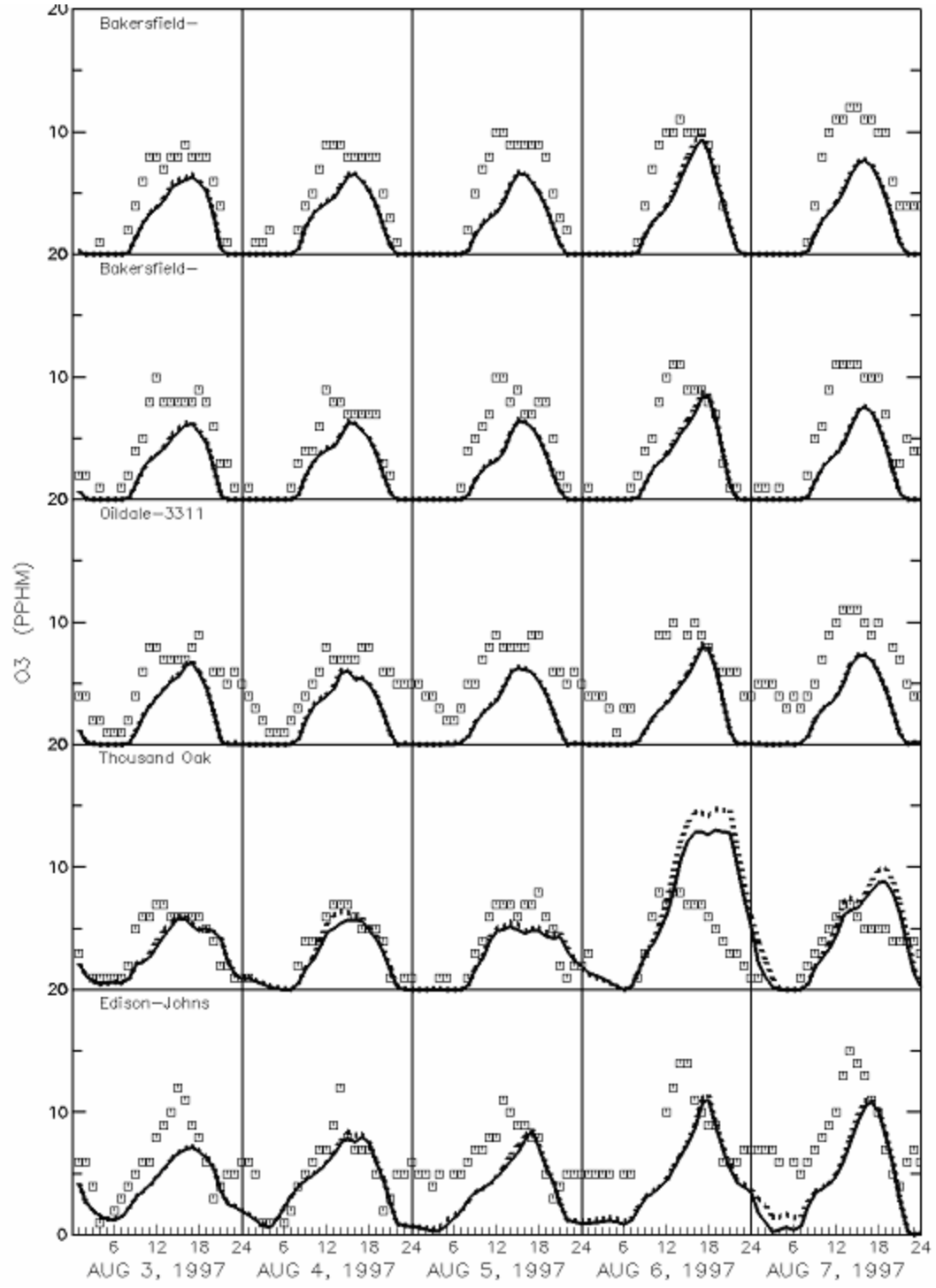

Figure A-45g

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

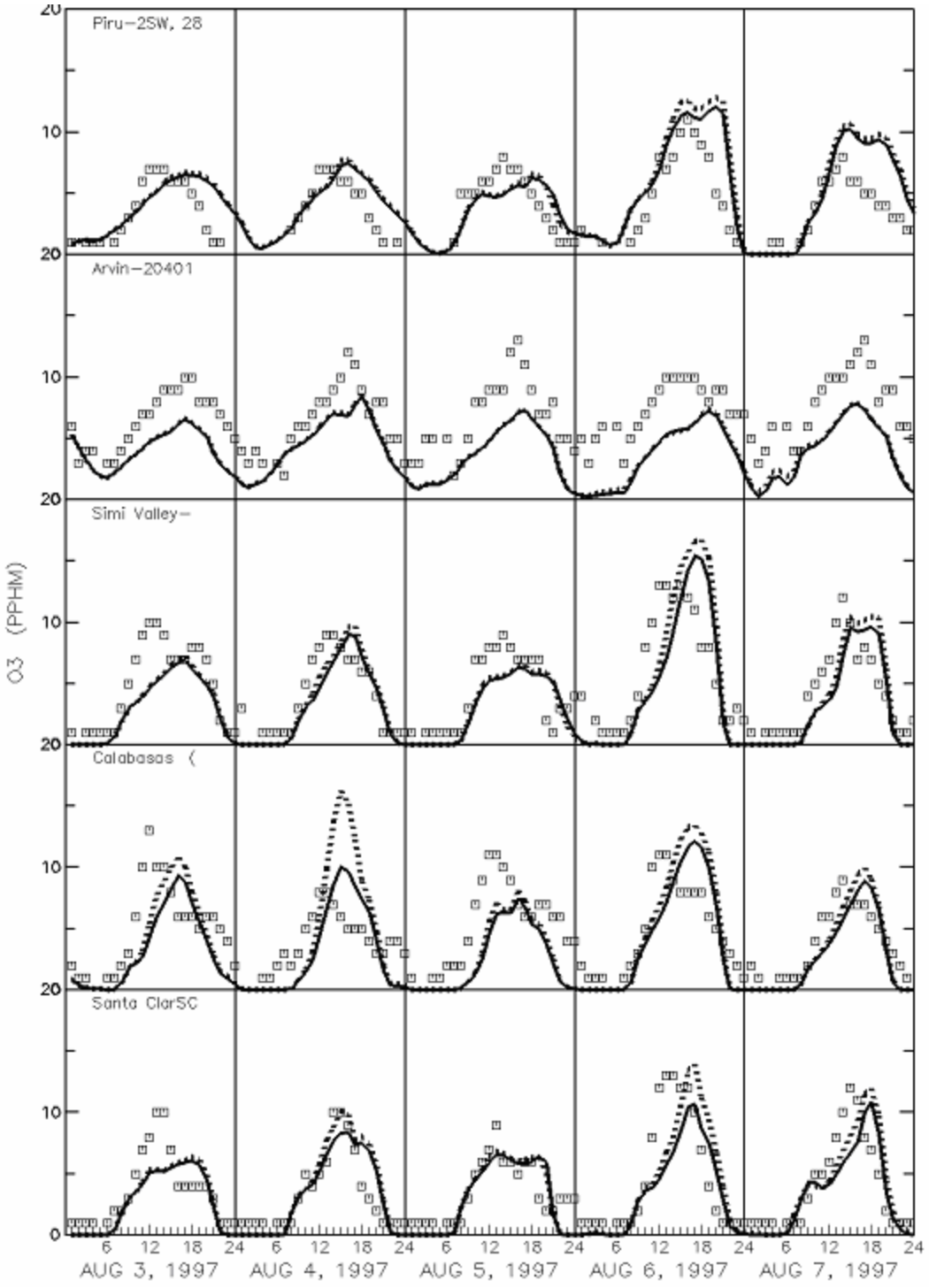

Figure A-45h

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

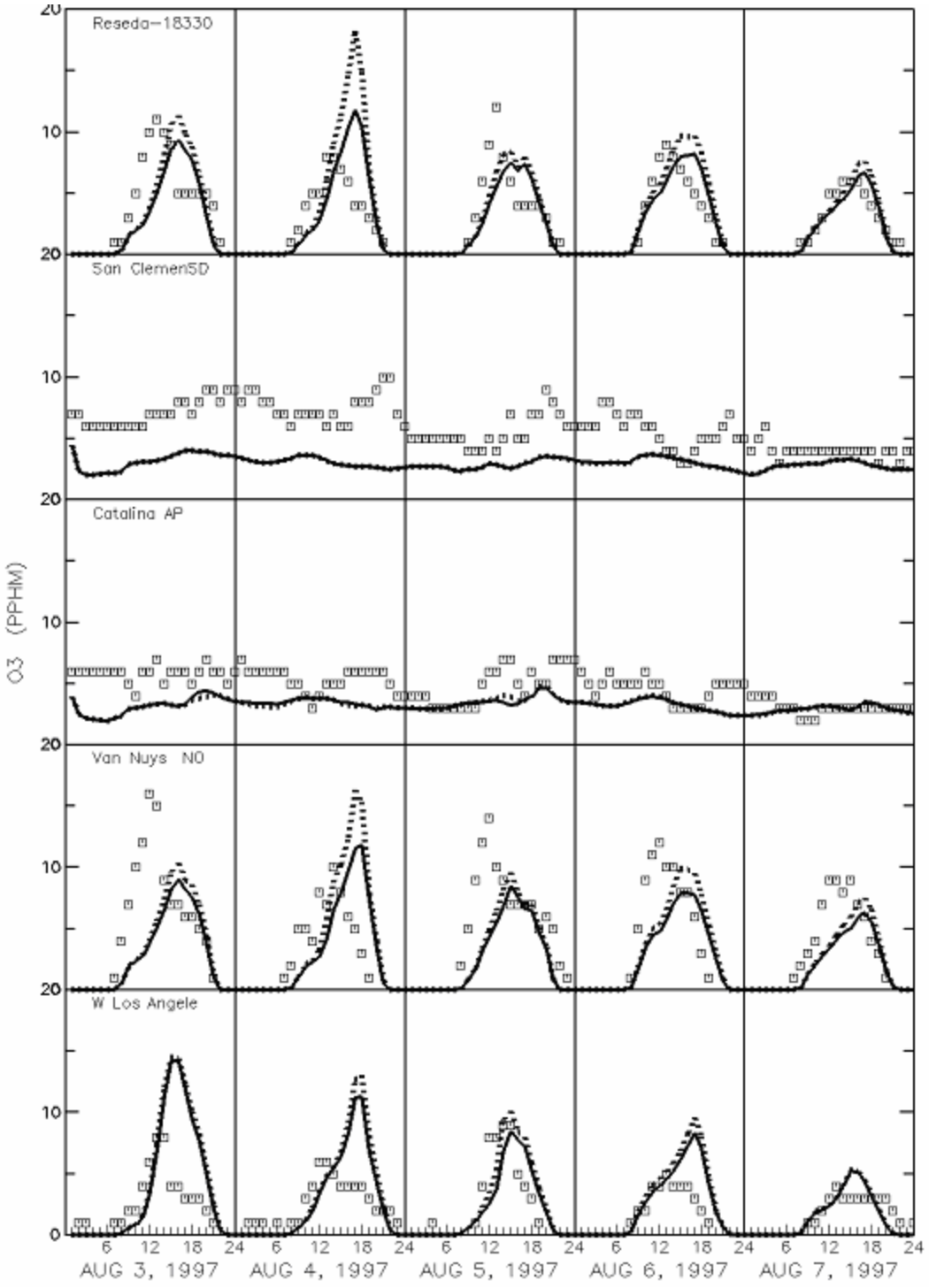

Figure A-45i

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

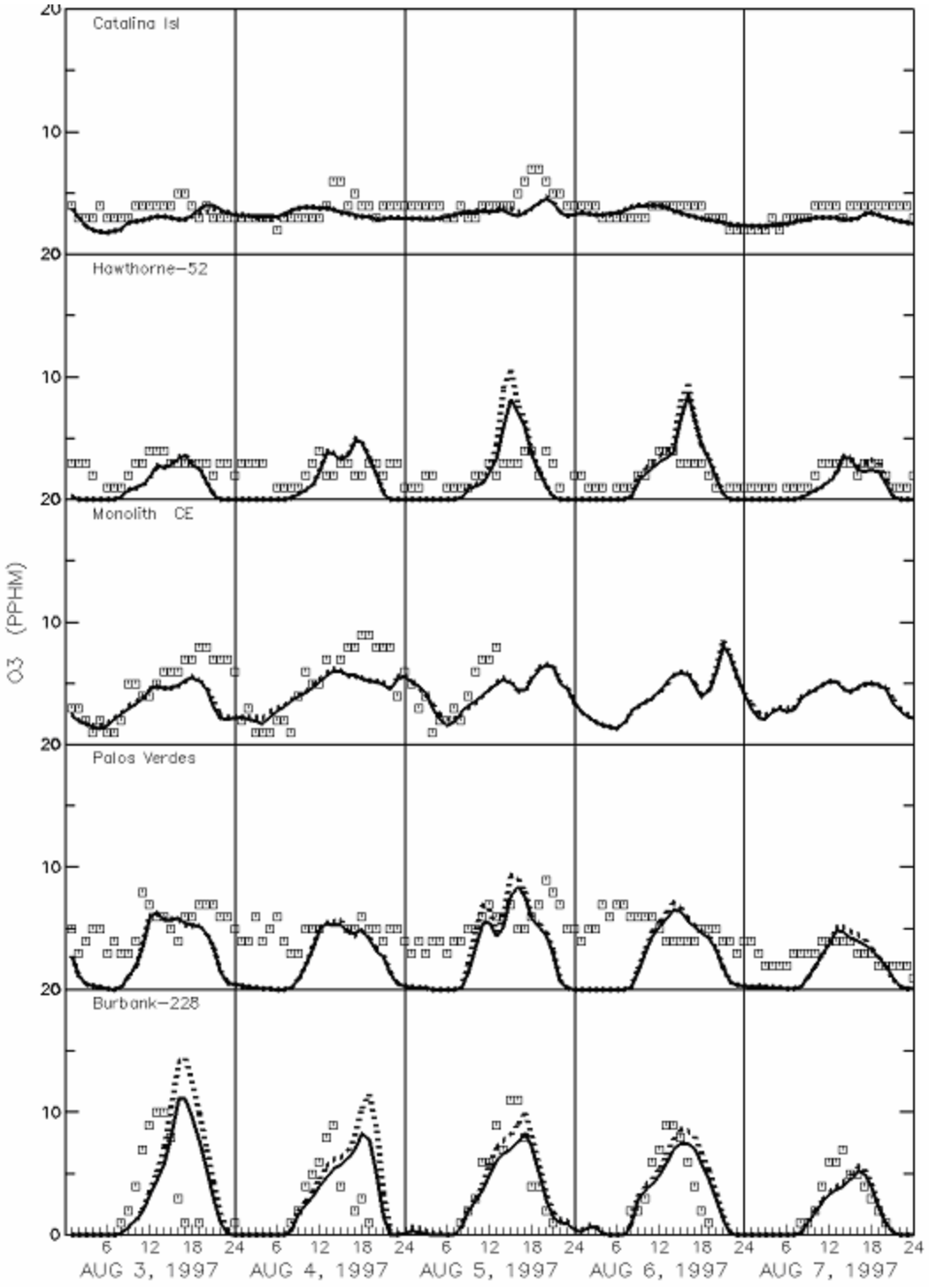

Figure A-45j

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

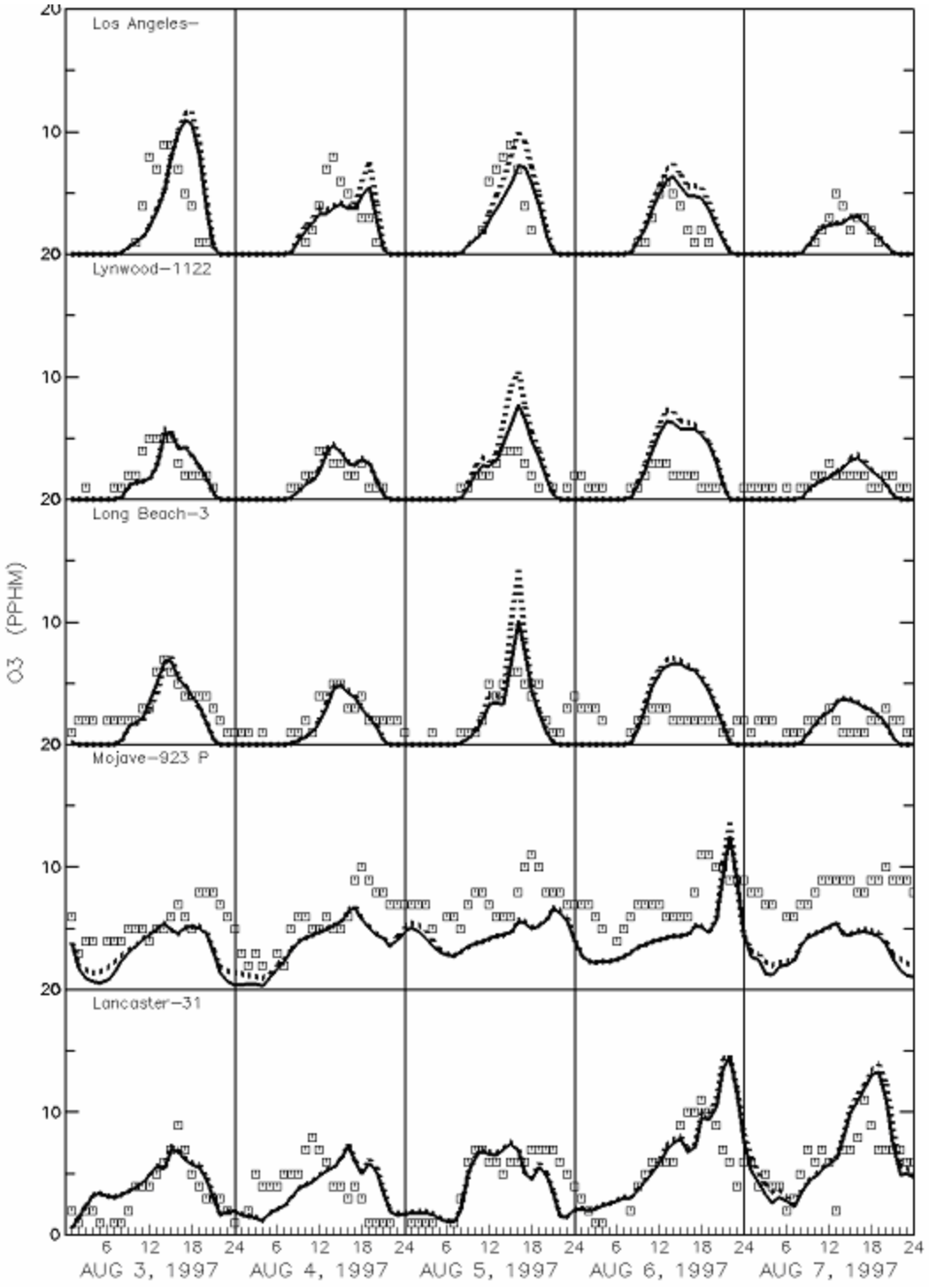

Figure A-45k

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

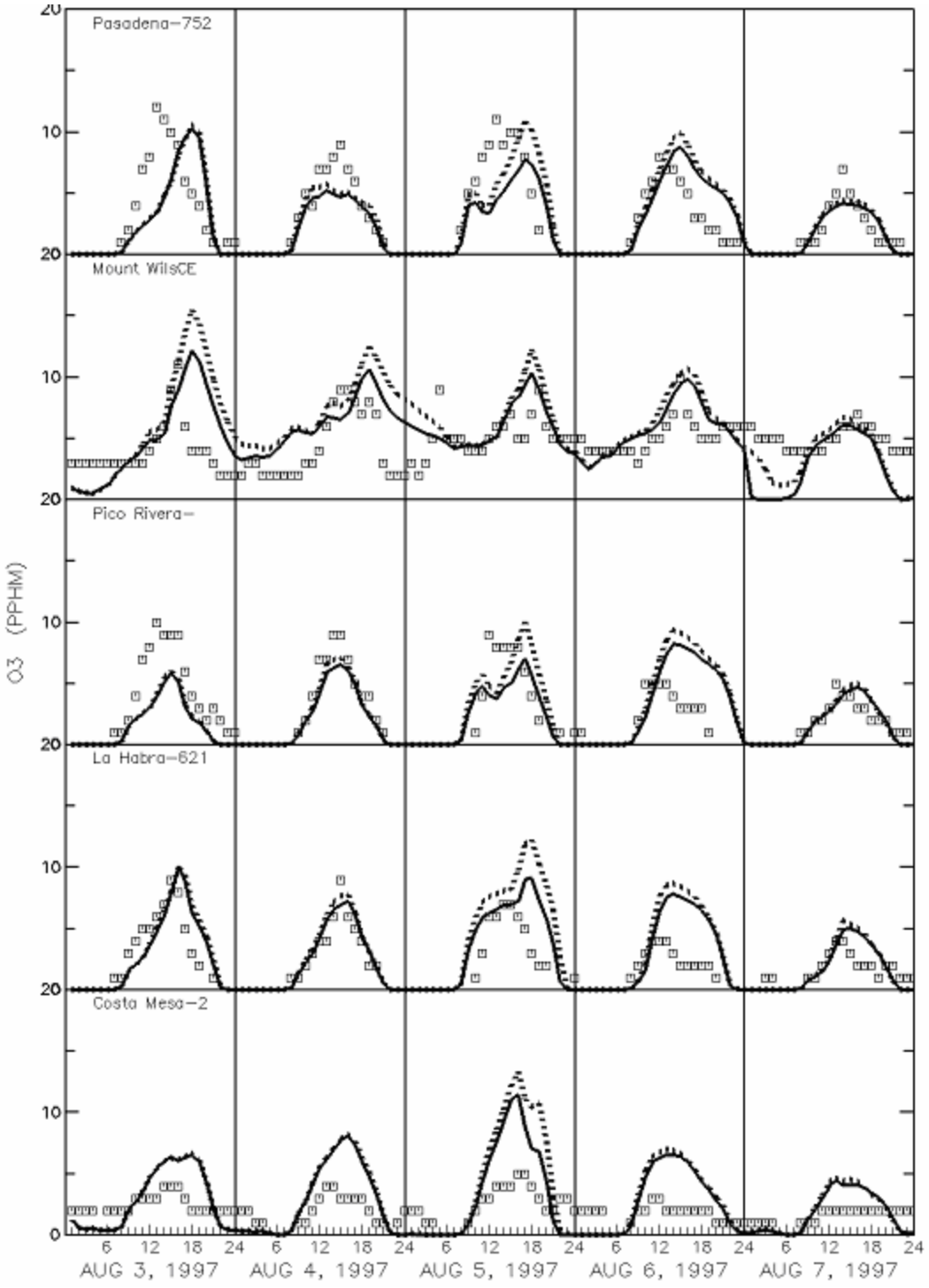

Figure A-45l

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

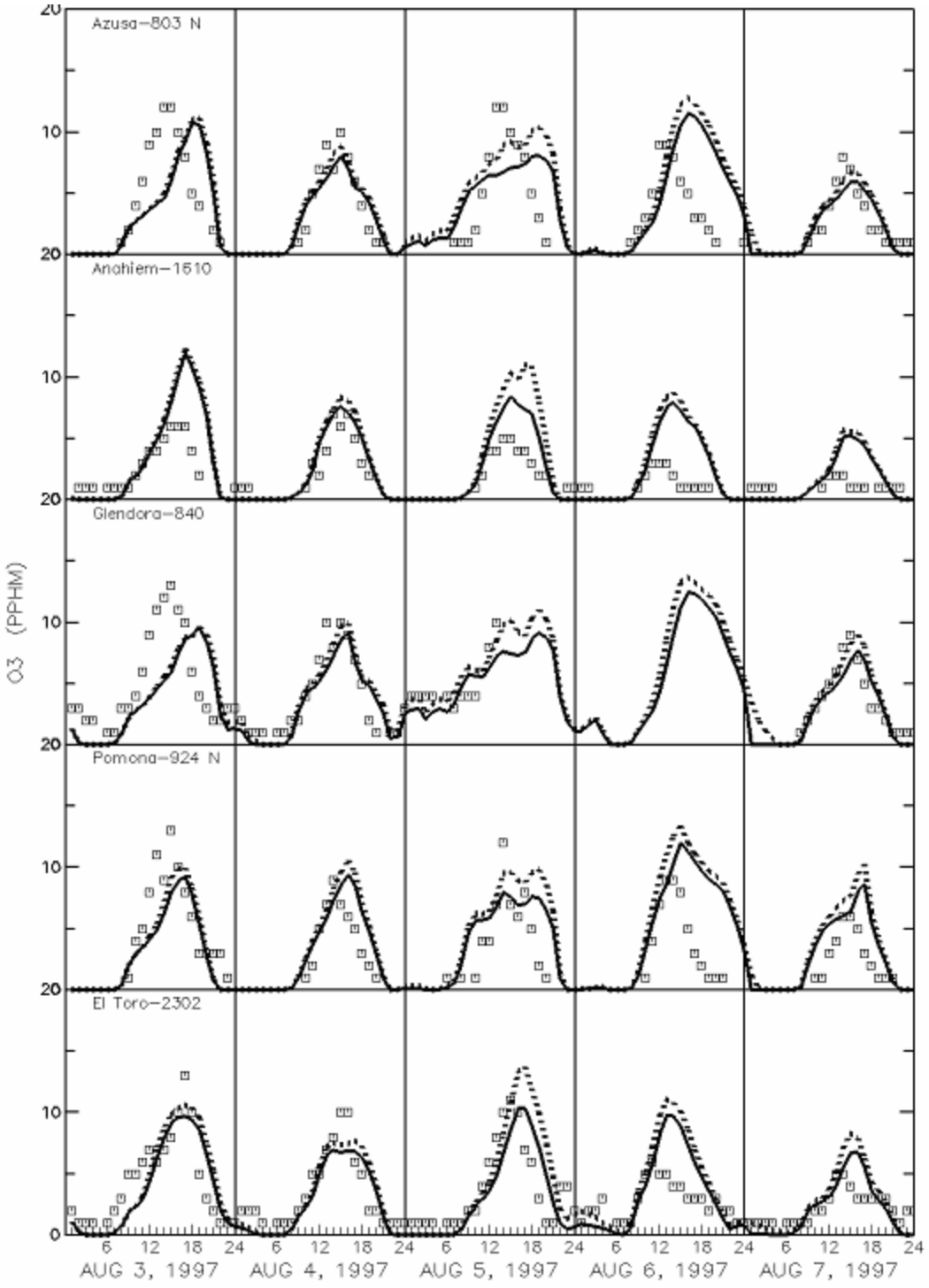

Figure A-45m

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

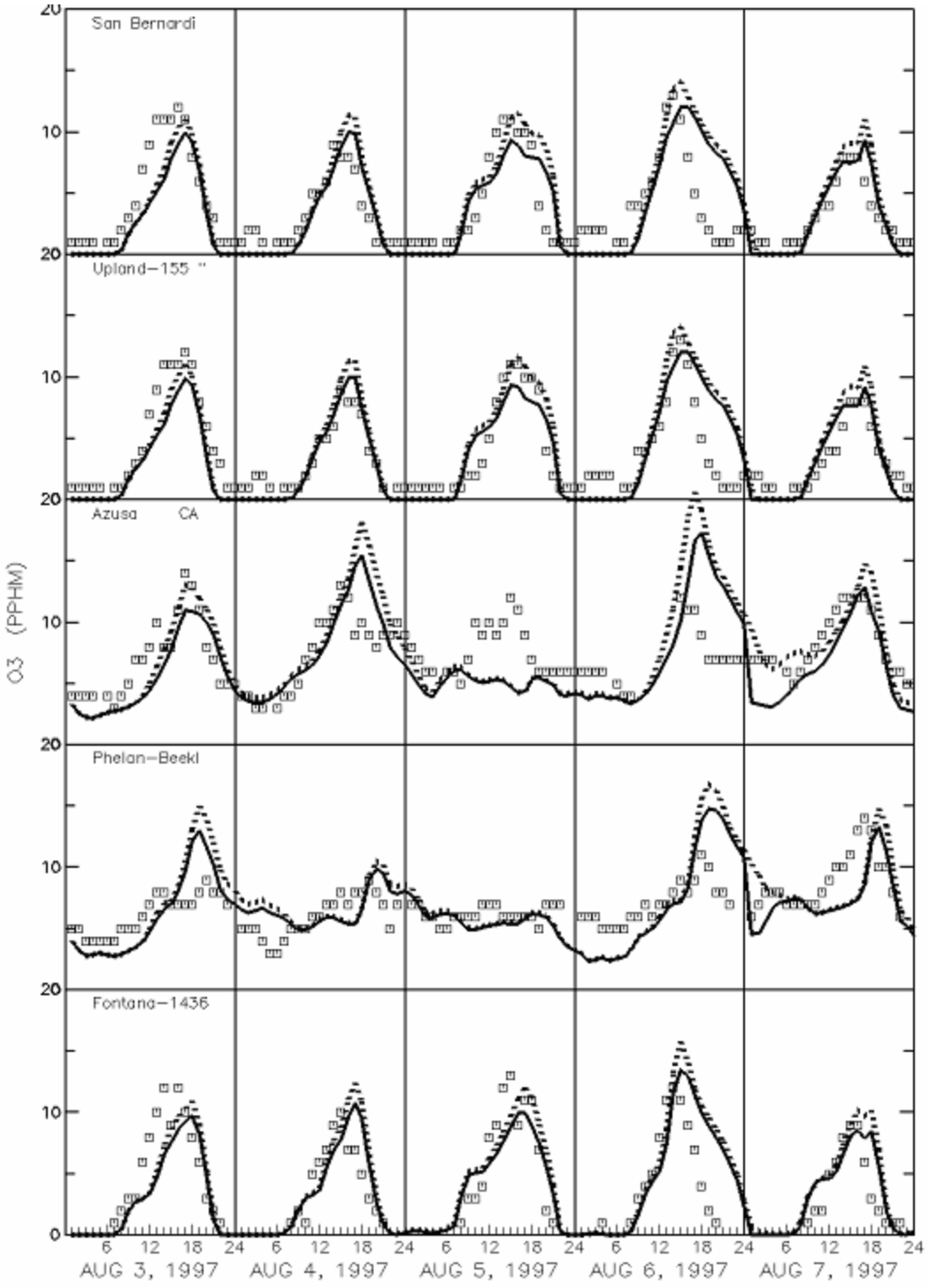

Figure A-45n

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

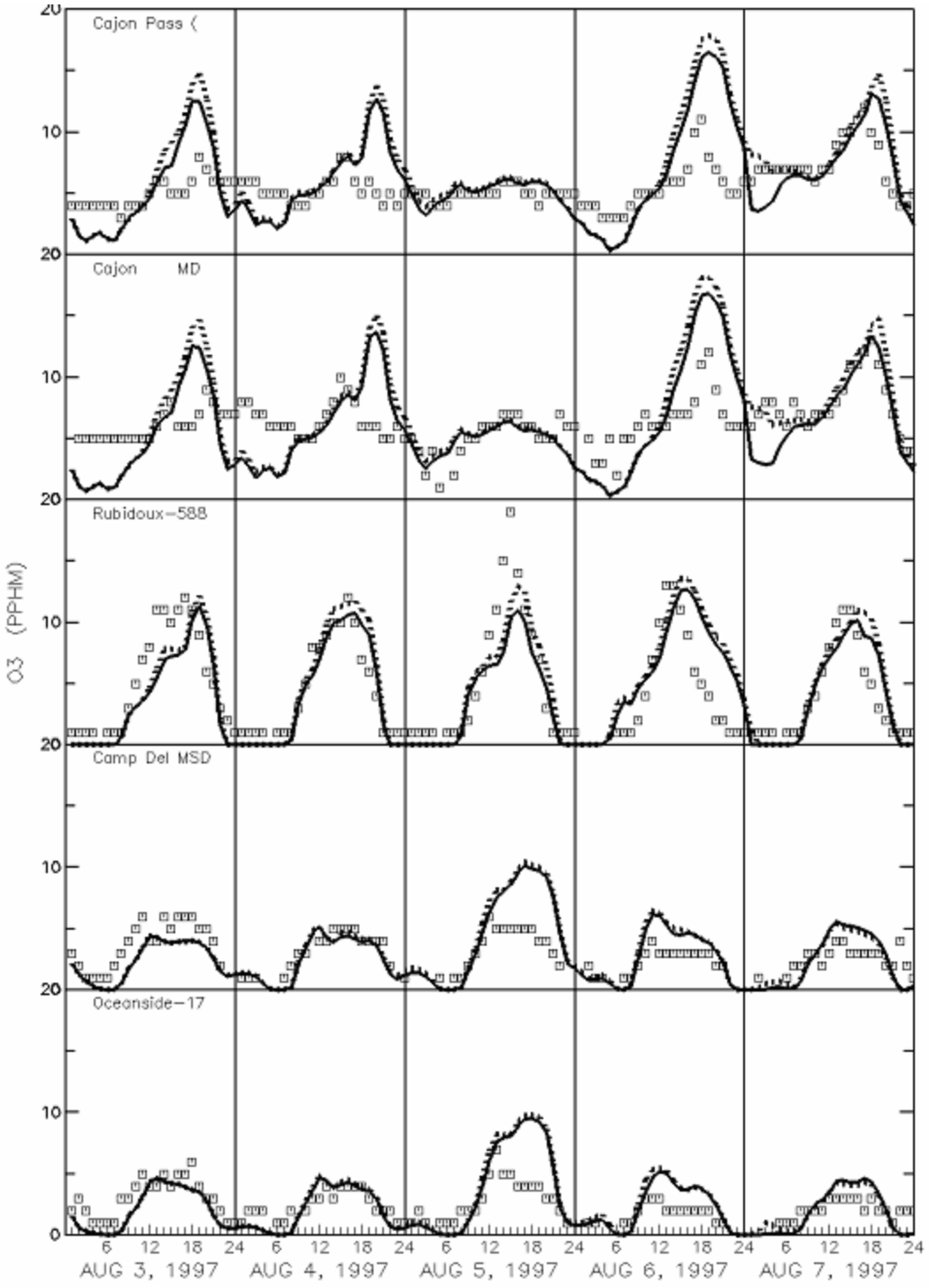

Figure A-45o

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

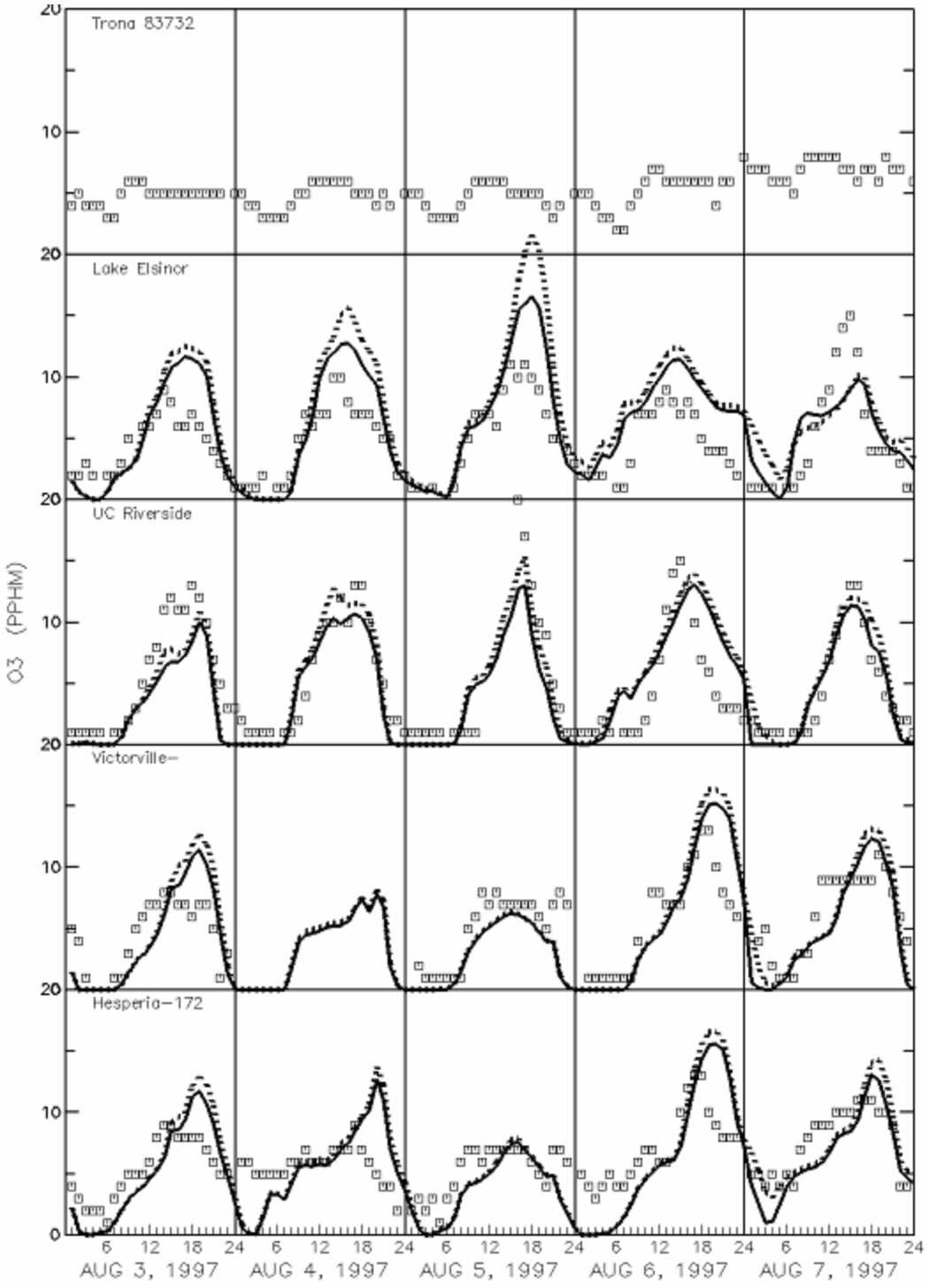

Figure A-45p

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

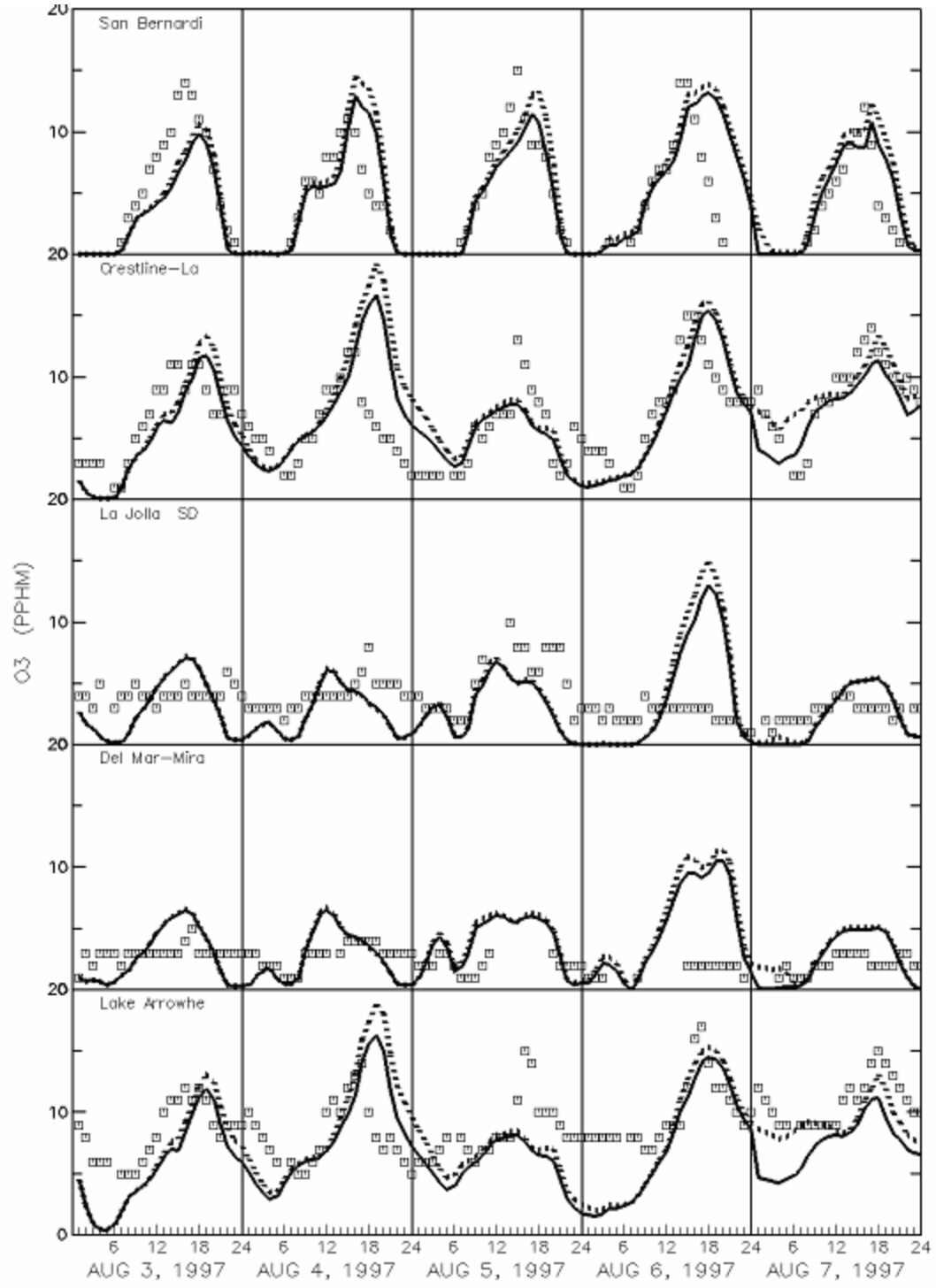

Figure A-45q

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

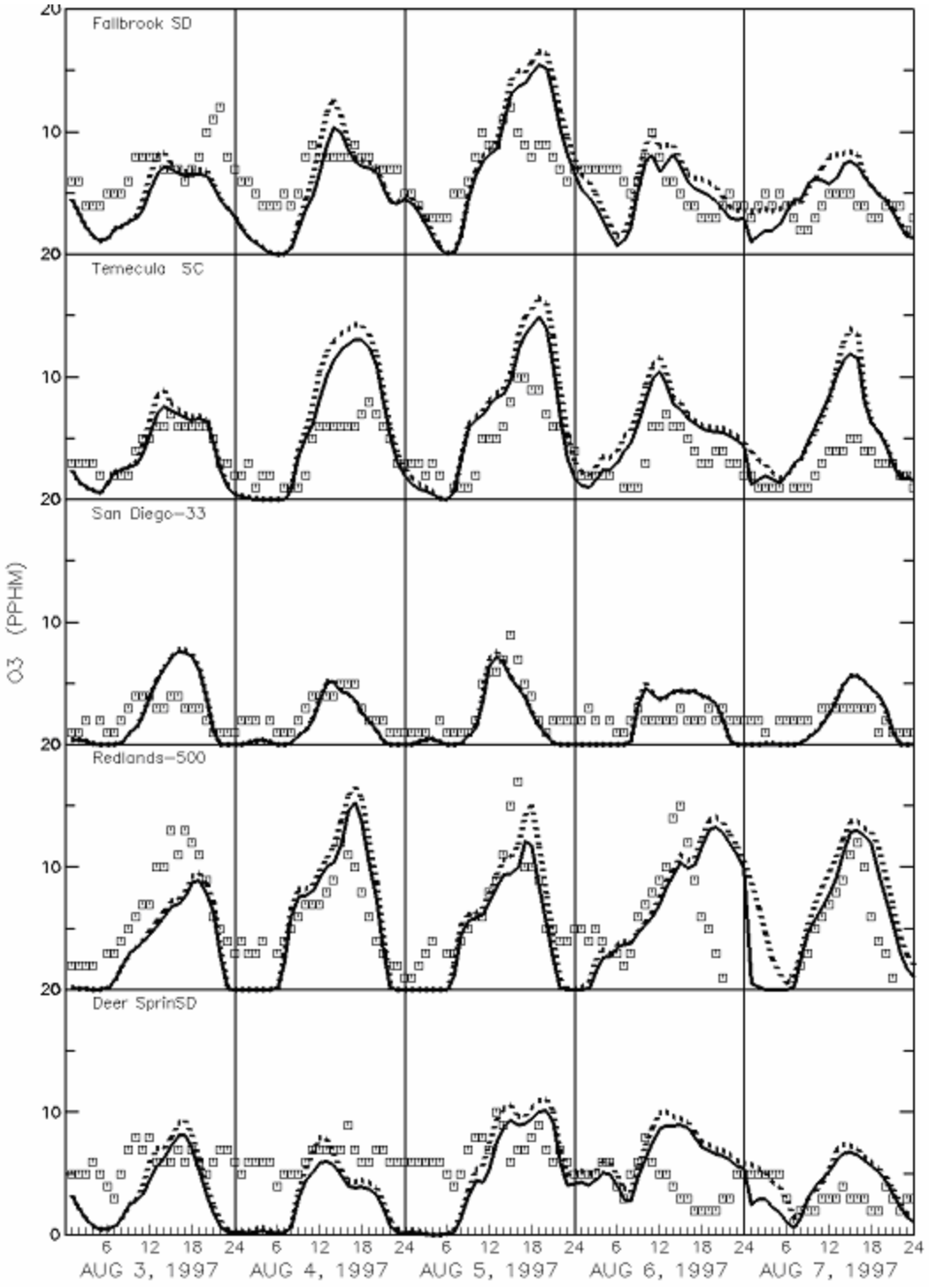

Figure A-45r

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

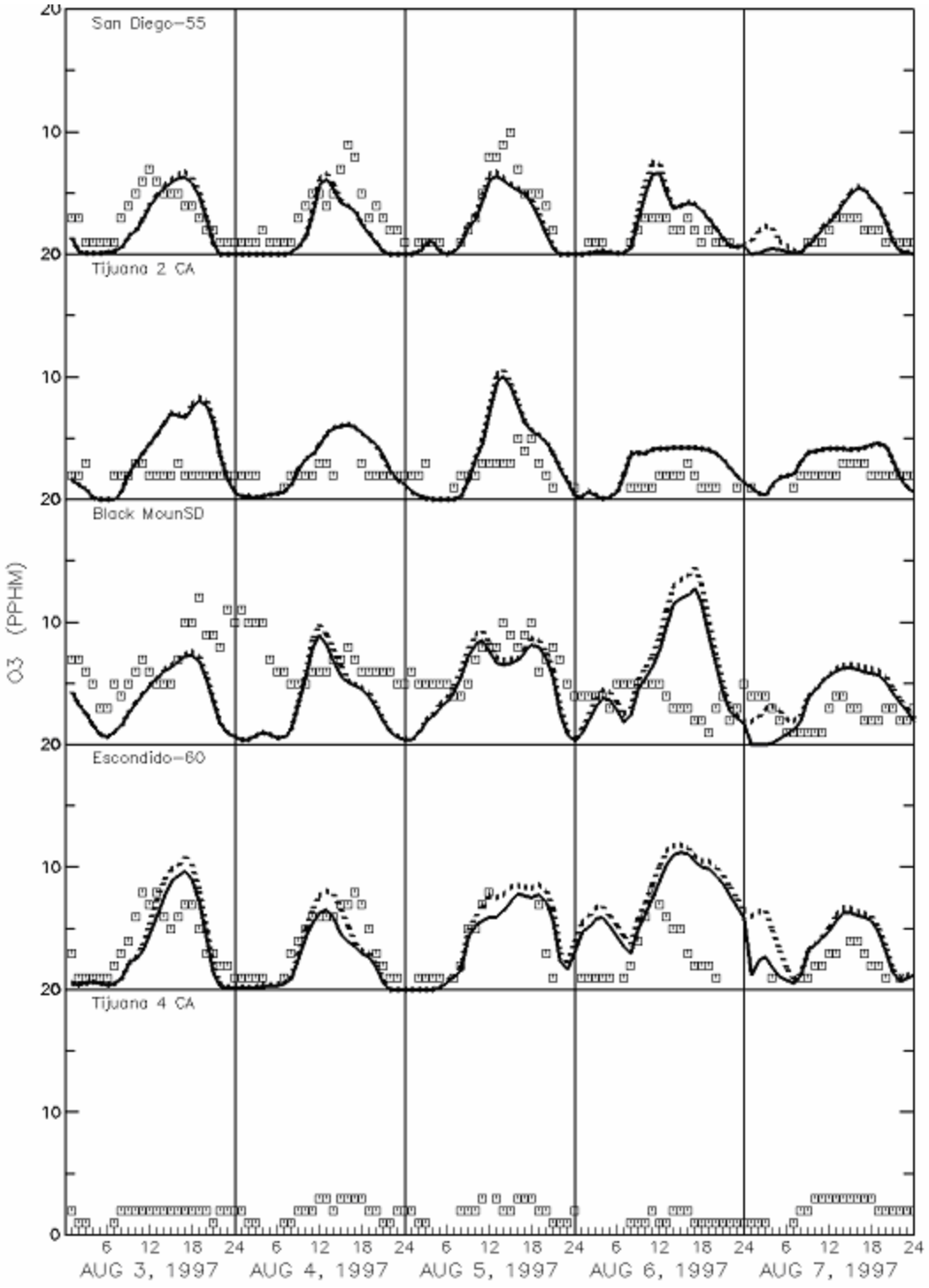

Figure A-45s

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

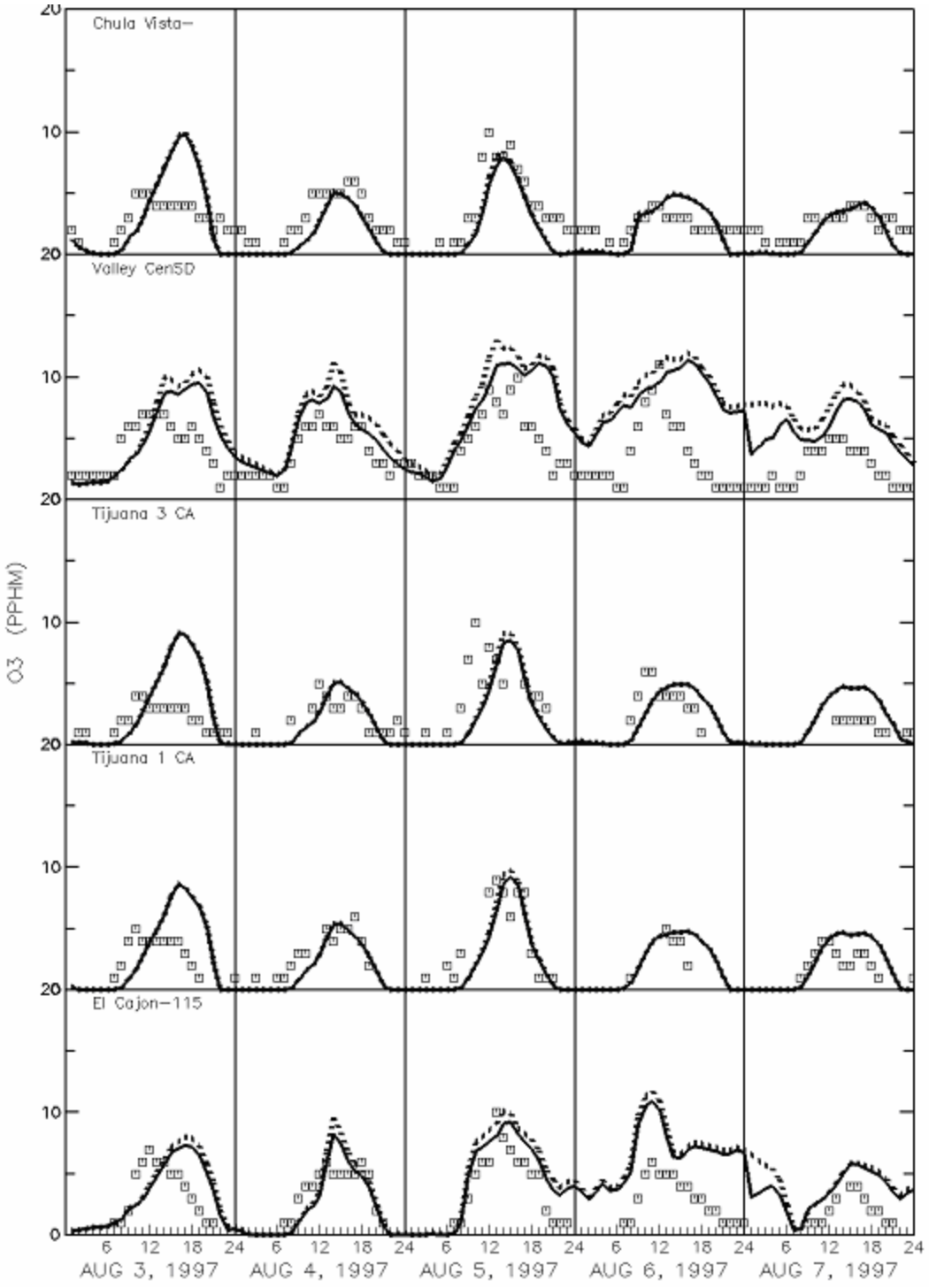

Figure A-44t

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

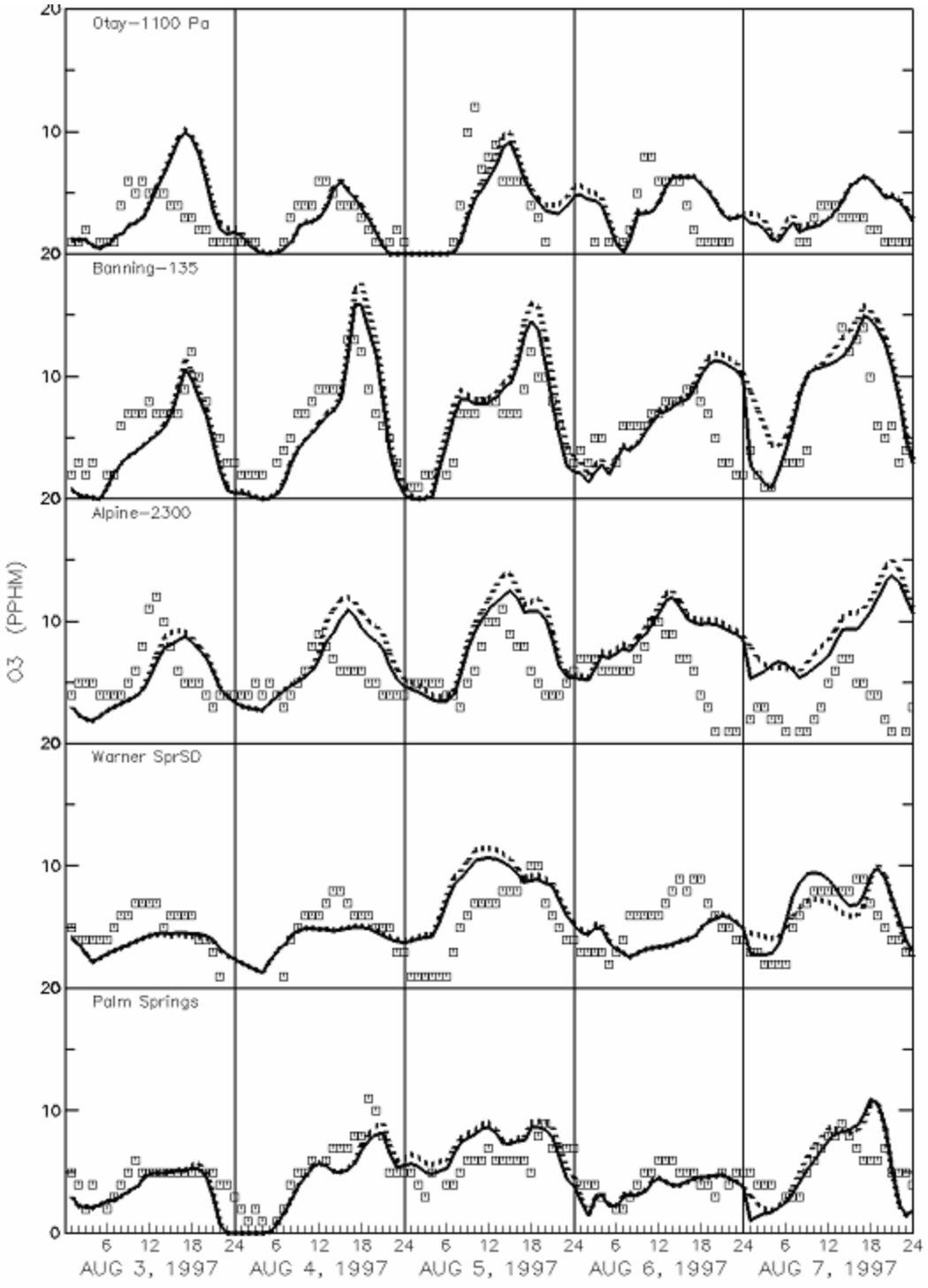

Figure A-45u

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

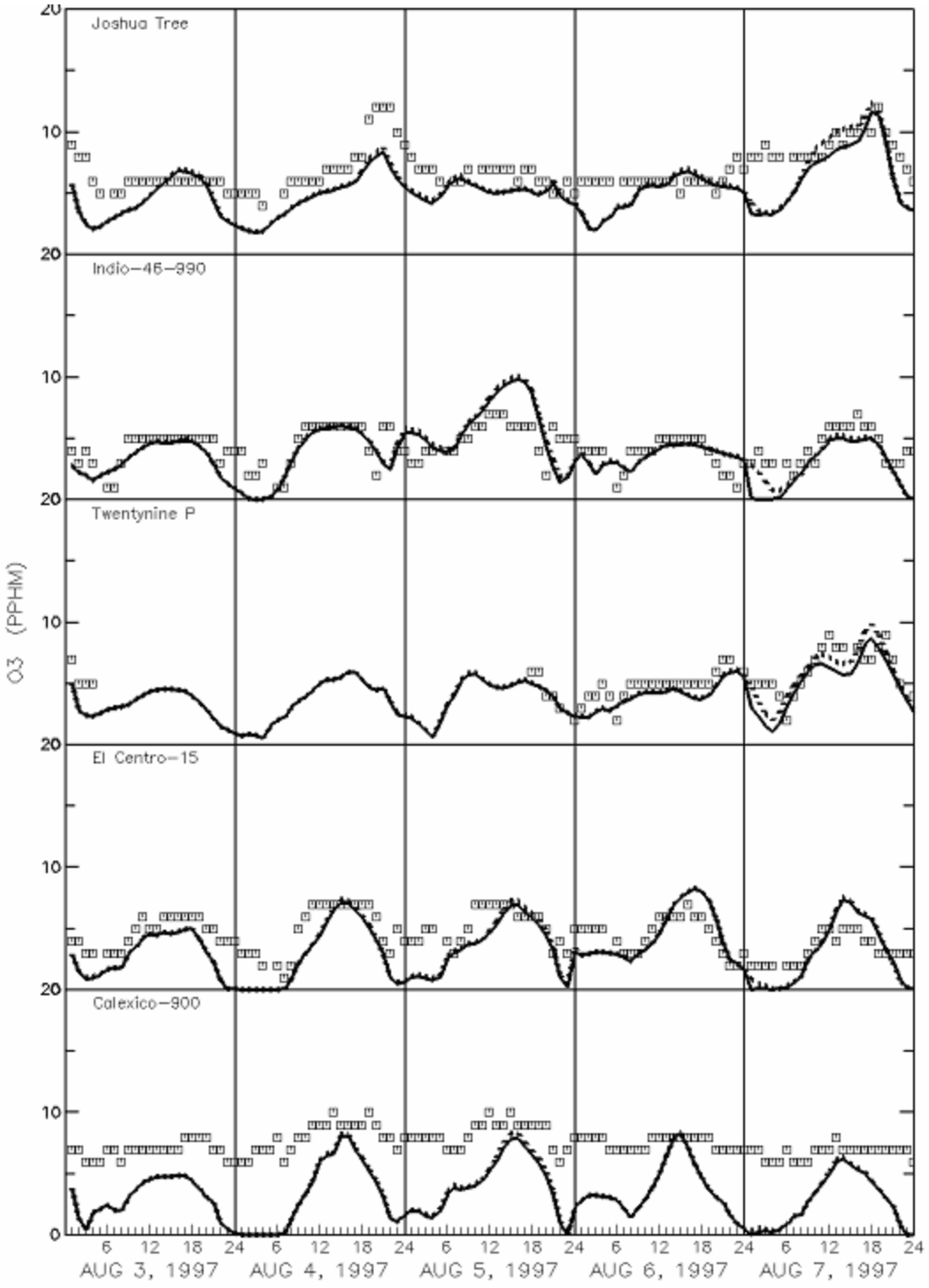

Figure A-45v

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

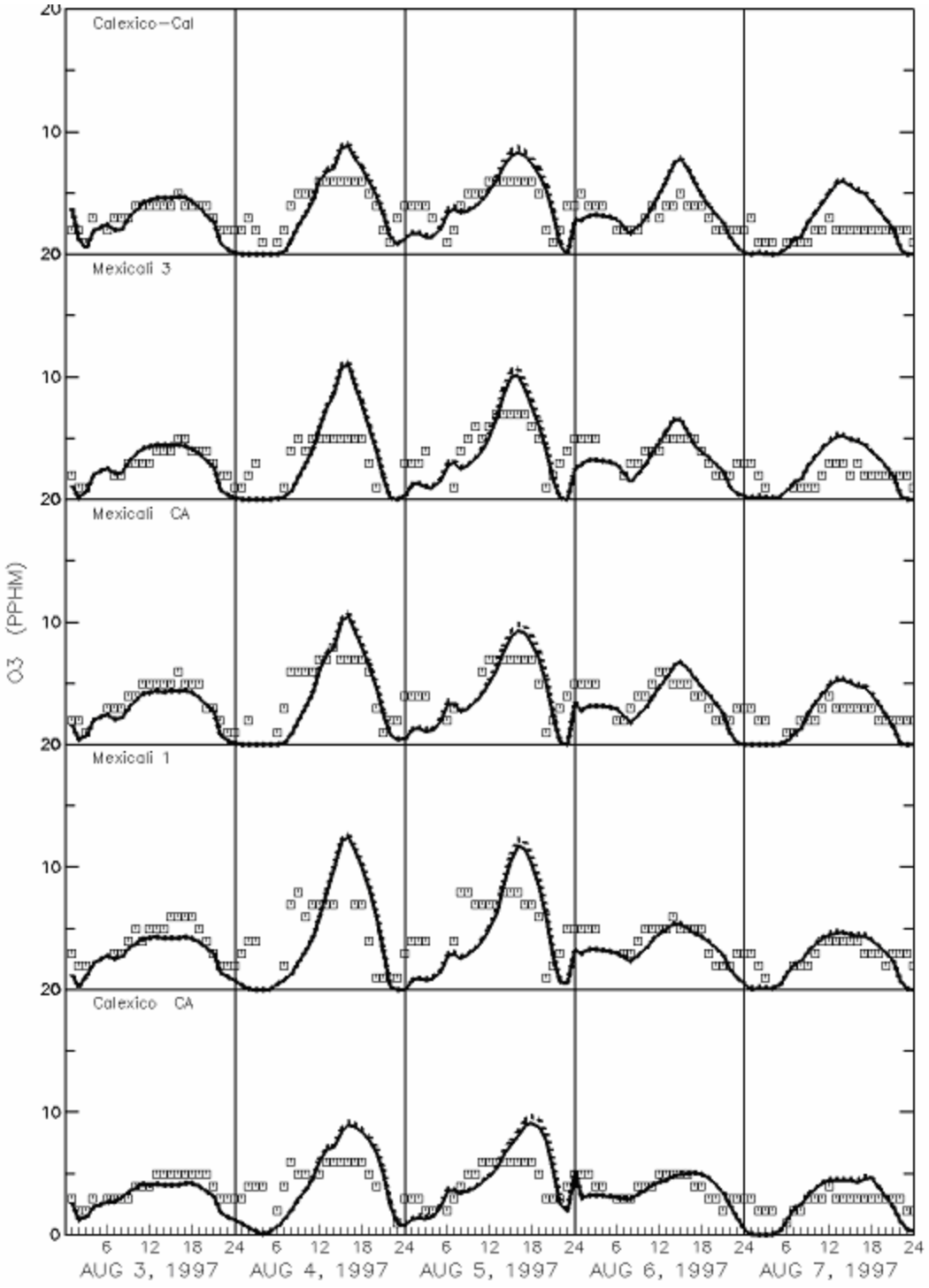

Figure A-45w

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode

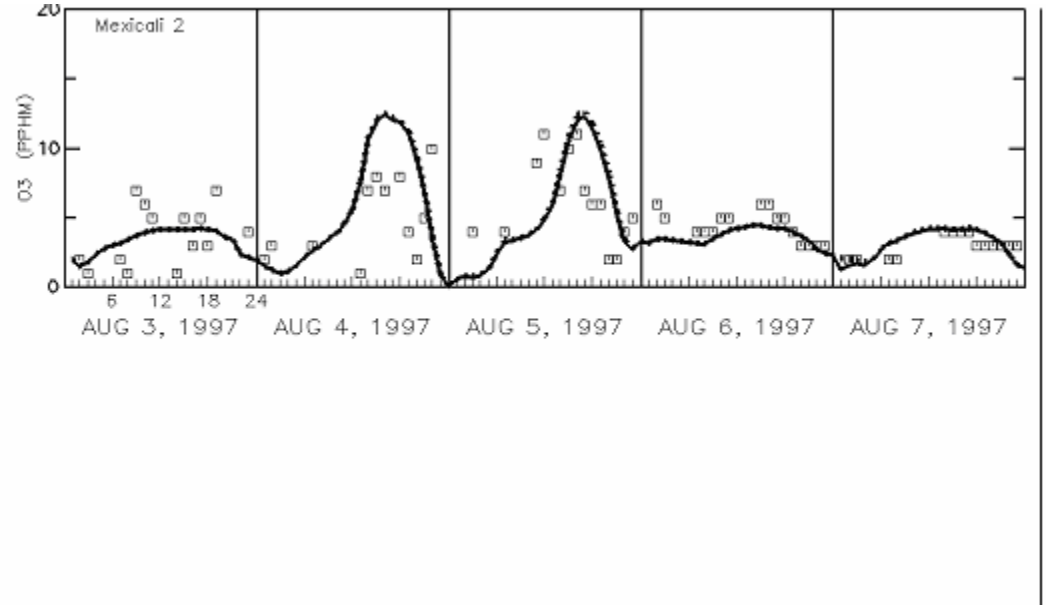

Figure A-45x

Comparison between model simulation arb97b and doubled biogenic emissions for the August 1997 meteorological episode