

Source/ Receptor Area No.	Location of Air Monitoring Station	Carbon Monoxide						Ozone			Nitrogen Dioxide				Sulfur Dioxide				Visibility*		
		Max. Conc. in ppm 1-Hour	Max. Conc. in ppm 8-Hour	No. Days Standard Exceeded				Max. Conc. in ppm 1-Hour	No. Days Exceeded		Max. Conc. in ppm 1-Hour	Average Compared to Federal Std. <sup>a)</sup>		No. Days St'd. Exc'd. > .25 ppm 1-Hour	Max. Conc. in ppm 1-Hour	Average Compared to Federal Std. <sup>b)</sup>		No. Days St'd. Exc'd. <sup>c)</sup>		Location	Days not Meeting State St'd. <sup>e)</sup>
				≥ 9.5 ppm 8-Hr.	> 35 ppm 1-Hr.	≥ 9.1 ppm 8-Hr.	> 20 ppm 1-Hr.		Federal ppm	State ppm		> .12 ppm 1-Hour	≥ .10 ppm 1-Hour			Federal ppm	State ppm	Annual ppm	% Above Std.		
1	Los Angeles	16	11.43	3	0	5	0	.21	24	68	.54	.0613	14.8	6	.04	.0041	0	0	Burbank Airport	206	
2	W. Los Angeles	15	8.57	0	0	0	0	.24	16	60	.26	.0343	0	1	.03	.0022	0	0			
3	Hawthorne	23	15.86	26	0	31	4	.22	5	11	.27	.0358	0	1	.15	.0048	0	0	Los Angeles International	145	
4	Long Beach	13	10.29	1	0	2	0	.16	7	18	.28	.0475	0	1	.05	.0068	0	0			
5	Whittier	13	7.29	0	0	0	0	.29	29	72	.22	.0498	0	0	.10	.0055	0	0			
6	Reseda	16	13.13	3	0	4	0	.25	71	137	.20	.0378	0	0	.02	.0017	0	0	Long Beach Airport	175	
7	Burbank	15	11.86	13	0	14	0	.24	64	135	.26	.0528	0	2	.02	.0022	0	0			
8	Pasadena	17	10.63	3	0	3	0	.29	119	175	.27	.0500	0	2	.03	.0023	0	0			
9	Azusa	8	6.00	0	0	0	0	.30	125	173	.24	.0530	0	0	.03	.0022	0	0			
9	Glendora	NM	NM	NM	NM	NM	NM	.34	148	193	.20	.0439	0	0	NM	NM	NM	NM	William J. Fox Airport (Lancaster)	5	
10	Pomona	13	8.63	0	0	0	0	.29	91	145	.20	.0561	5.1	0	NM	NM	NM	NM			
11	Pico Rivera	14	9.86	1	0	3	0	.30	67	128	.24	.0539	0.9	0	.05	.0048	0	0			
12	Lynwood	32	27.50	51	0	57	20	.21	12	29	.31	.0478	0	1	.06	.0069	0	0			
13	Santa Clarita	NM	NM	NM	NM	NM	NM	.30	107	152	NM	NM	NM	NM	NM	NM	NM	NM			
14	Lancaster	11	5.88	0	0	0	0	.18	44	105	.09	.0162	0	0	NM	NM	NM	NM			
16	La Habra	20	9.86	2	0	4	0	.29	33	89	.24	.0424	0	0	.05	.0038	0	0			
17	Anaheim	17	12.00	5	0	6	0	.27	19	53	.28	.0458	0	1	.06	.0041	0	0			
17	Los Alamitos	NM	NM	NM	NM	NM	NM	.23	17	39	NM	NM	NM	NM	.04	.0029	0	0			
18	Costa Mesa	16	11.57	2	0	3	0	.15	2	15	.26	.0268	0	1	.03	.0018	0	0			
19	El Toro	10	5.13	0	0	0	0	.21	18	41	NM	NM	NM	NM	NM	NM	NM	NM			
22	Norco	NM	NM	NM	NM	NM	NM	.25	61	135	NM	NM	NM	NM	NM	NM	NM	NM	March Field (Riverside)	219	
23	Rubidoux	9	6.75	0	0	0	0	.28	123	178	.19	.0368	0	0	.02	.0014	0	0			
23	Riverside	17	10.00	1	0	1	0	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM			
24	Perris <sup>f)</sup>	NM	NM	NM	NM	NM	NM	.23	82	137	.14	.0310	0	0	NM	NM	NM	NM			
25	Lake Elsinore <sup>g)</sup>	NM	NM	NM	NM	NM	NM	.15	1	3	NM	NM	NM	NM	NM	NM	NM	NM			
28	Hemet	NM	NM	NM	NM	NM	NM	.18	28	89	NM	NM	NM	NM	NM	NM	NM	NM			
29	Banning	NM	NM	NM	NM	NM	NM	.26	64	118	NM	NM	NM	NM	NM	NM	NM	NM			
30	Palm Springs	4	2.14	0	0	0	0	.20	35	99	.11	.0220	0	0	NM	NM	NM	NM			
30	Indio <sup>g)</sup>	NM	NM	NM	NM	NM	NM	.11	0	1	NM	NM	NM	NM	NM	NM	NM	NM			
32	Upland	9	5.00	0	0	0	0	.35	122	165	.21	.0472	0	0	.03	.0017	0	0	Horton AFB (San Bernardino)	215	
33	Ontario	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM			
34	Fontana	8	5.63	0	0	0	0	.29	124	170	.21	.0369	0	0	.04	.0016	0	0			
34	San Bernardino	9	7.57	0	0	0	0	.28	121	173	.19	.0421	0	0	.02	.0018	0	0	Ontario Airport	242	
35	Redlands	NM	NM	NM	NM	NM	NM	.29	130	176	NM	NM	NM	NM	NM	NM	NM	NM			
37	Crestline	NM	NM	NM	NM	NM	NM	.29	128	160	NM	NM	NM	NM	NM	NM	NM	NM			

ppm - Parts by volume per million parts of air.

NM - Pollutant not monitored at this station.

\* - Data received from FAA.

a) - The federal standard is annual arithmetic mean NO<sub>2</sub> greater than 0.0534 ppm.

b) - The federal standard is annual arithmetic mean SO<sub>2</sub> greater than 80 ug/m<sup>3</sup> (.03ppm). No location exceeded the standard in 1988.

c) - The other federal (3-hour average > 0.50 ppm) and state (1-hour > 0.25 ppm) standards were also not exceeded.

d) - Twenty-four hour average SO<sub>2</sub> ≥ 0.05 ppm with 1-hour Ozone ≥ 0.10 ppm, or with 24-hour TSP ≥ 100 ug/m<sup>3</sup>.

e) - Visibility standard is less than 10 miles for hours with relative humidity less than 70%.

f) - Nitrogen dioxide monitored November 1 - December 31, 1988.

g) - Ozone monitored November 1 - December 31, 1988.



SOUTH COAST  
AIR QUALITY MANAGEMENT DISTRICT  
9150 Flair Drive  
El Monte, CA 91731

1988 AIR QUALITY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Source/ Receptor Area No.	Location of Air Monitoring Station	Suspended Particulates PM10 <sup>h)</sup>						Particulates TSP <sup>i)</sup>			Lead <sup>i)</sup>			Sulfate <sup>i)</sup>	
		Number of Samples	Max. Conc. in ug/m <sup>3</sup> 24-Hr.	No. (%) Samples Exceeding Standard		Annual Averages <sup>j)</sup>		Number of Samples	Max. Conc. in ug/m <sup>3</sup> 24-Hour	AGM Conc. ug/m <sup>3</sup>	Max. Conc. in ug/m <sup>3</sup> 24-Hour	Quarters/Months Exceeding Standard		Max Conc. in ug/m <sup>3</sup> 24-Hr.	No. (%) Samples Exceeding Standard
				Federal	State	AAM Conc. ug/m <sup>3</sup>	AGM Conc. ug/m <sup>3</sup>					Federal	State		State
				> 150 ug/m <sup>3</sup> 24-Hour	> 50 ug/m <sup>3</sup> 24-Hour	> 150 ug/m <sup>3</sup> 24-Hour	> 50 ug/m <sup>3</sup> 24-Hour					> 1.5 ug/m <sup>3</sup> Ortly Avg,	≥ 1.5 ug/m <sup>3</sup> Mo. Avg.		≥ 25 ug/m <sup>3</sup> 24-Hr.
1	Los Angeles	58	130	0	33 (56.9)	58.3	53.3	61	257	99.8	0.44	0	0	26.6	1 (1.6)
2	W. Los Angeles	NM	NM	NM	NM	NM	NM	56	125	62.9	NM	NM	NM	17.4	0
3	Hawthorne	NM	NM	NM	NM	NM	NM	58	248	79.7	0.27	0	0	19.0	0
4	Long Beach	60	149	0	24 (40.0)	52.4	47.1	61	292	85.3	0.38	0	0	27.8	1 (1.6)
5	Whittier	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
6	Reseda	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
7	Burbank	59	138	0	40 (67.8)	62.1	57.1	61	217	101.9	1.02	0	0	25.1	1 (1.6)
8	Pasadena	NM	NM	NM	NM	NM	NM	59	180	78.9	NM	NM	NM	24.4	0
9	Azusa	61	127	0	41 (67.2)	63.3	55.9	58	220	109.4	NM	NM	NM	23.6	0
9	Glendora	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
10	Pomona	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
11	Pico Rivera	NM	NM	NM	NM	NM	NM	59	229	98.7	0.43	0	0	28.1	1 (1.7)
12	Lynwood	NM	NM	NM	NM	NM	NM	57	349	113.9	0.51	0	0	27.1	1 (1.8)
13	Santa Clarita	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
14	Lancaster	NM	NM	NM	NM	NM	NM	58	257	69.9	NM	NM	NM	5.7	0
16	La Habra	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
17	Anaheim	NM	NM	NM	NM	NM	NM	60	306	84.4	0.21	0	0	23.1	0
17	Los Alamitos	57	132	0	15 (26.3)	45.6	40.2	58	304	91.7	NM	NM	NM	27.3	1 (1.7)
18	Costa Mesa	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
19	El Toro	61	97	0	11 (18.0)	38.4	35.1	59	156	75.2	NM	NM	NM	16.2	0
22	Norco	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
23	Rubidoux	61	252	7 (11.5)	51 (83.6)	94.9	81.8	61	313	126.8	0.15	0	0	23.6	0
23	Riverside	NM	NM	NM	NM	NM	NM	61	307	119.6	0.20	0	0	19.0	0
24	Perris	60	164	1 (1.7)	38 (63.3)	59.4	51.9	60	260	91.4	NM	NM	NM	11.5	0
25	Lake Elsinore	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
28	Hemet	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
29	Banning	57	113	0	17 (29.8)	42.0	33.6	60	192	73.5	NM	NM	NM	10.6	0
30	Palm Springs	60	77	0	8 (13.3)	29.2	23.7	61	145	56.6	NM	NM	NM	11.2	0
30	Indio	61	115	0	22 (36.1)	48.5	42.7	59	309	101.1	NM	NM	NM	8.4	0
32	Upland	NM	NM	NM	NM	NM	NM	60	229	95.9	0.12	0	0	18.5	0
33	Ontario	60	192	2 (3.3)	47 (78.3)	78.4	66.7	59	283	106.8	NM	NM	NM	21.1	0
34	Fontana	60	287	4 (6.7)	46 (76.7)	81.0	66.9	61	564	126.0	NM	NM	NM	28.1	1 (1.6)
34	San Bernardino	56	289	3 (5.4)	40 (71.4)	80.2	66.8	59	486	116.7	0.19	0	0	15.8	0
35	Redlands	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
37	Crestline	NM	NM	NM	NM	NM	NM	60	108	51.5	NM	NM	NM	13.4	0

ug/m<sup>3</sup> - Micrograms per cubic meter of air.

AAM - Annual Arithmetic Mean.

AGM - Annual Geometric Mean.

h) - PM10 suspended particulate samples were collected every 6 days using the size-selective inlet high volume sampler with quartz filter media (PM10 refers to fine particles with aerodynamic diameter of 10 micrometers or less.)

i) - Total suspended particulates, lead, and sulfate were determined from samples collected every 6 days by the high volume sampler method, on glass fiber filter media. Federal TSP standard superseded by PM10 standard July 1, 1987.

j) - Federal PM10 standard is AAM > 50 ug/m<sup>3</sup>; state standard is AGM > 30 ug/m<sup>3</sup>.