

AIR QUALITY DATA 1987 SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

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		No. Days Standard Exceeded		Max. Conc. in PPM 1-Hour	Federal PPM 1-Hour	State PPM 1-Hour	Max. Conc. in PPM 1-Hour	Standard Criterion ^{a)}		No. Days St'd. Exc'd. > .25 PPM 1-Hour	Max. Conc. in PPM 1-Hour	Standard Criterion		No. Days St'd. Exc'd. ^{b)}		Location	Days not Meeting State St'd. ^{d)}
				Federal ≥ 9.5 PPM	State > 35 PPM	Federal ≥ 9.1 PPM	State > 20 PPM					Federal in PPM	% AAM Exc'd.			Federal in PPM	Federal in PPM	Federal > .14 PPM 24-Hr.	State ≥ .05 PPM 24-Hr. ^{c)}		
1	Los Angeles	15	10.9	1	0	1	0	.22	36	91	.42	.0537	0.56	4	.03	.0042	0	0	Burbank Airport	242	
2	W. Los Angeles	13	7.5	0	0	0	0	.28	16	58	.27	.0378	0	1	.03	.0022	0	0			
3	Hawthorne	22	14.1	18	0	22	2	.20	3	10	.23	.0353	0	0	.03	.0038	0	0	Los Angeles International	129	
4	Long Beach	13	9.4	0	0	1	0	.17	4	11	.26	.0432	0	1	.06	.0058	0	0			
5	Whittier	13	9.7	1	0	1	0	.23	40	71	.25	.0486	0	0	.07	.0038	0	0			
6	Reseda	15	12.1	1	0	2	0	.22	60	121	.15	.0319	0	0	.02	.0022	0	0	Long Beach Airport	177	
7	Burbank	15	12.5	9	0	11	0	.23	76	130	.26	.0516	0	1	.02	.0023	0	0			
8	Pasadena	15	11.3	2	0	2	0	.28	95	150	.21	.0420	0	0	.02	.0020	0	0			
9	Azusa	9	6.0	0	0	0	0	.30	111	163	.23	.0498	0	0	.03	.0024	0	0			
9	Glendora	NM	NM	NM	NM	NM	NM	.33	135	180	.17	.0380	0	0	NM	NM	NM	NM	William J. Fox Airport	1	
10	Pomona	14	10.0	1	0	1	0	.29	72	122	.22	.0547	2.40	0	NM	NM	NM	NM	(Lancaster)		
11	Pico Rivera	12	10.0	1	0	2	0	.28	63	120	.24	.0486	0	0	.09	.0036	0	0			
12	Lynwood	26	19.6	40	0	47	10	.24	11	24	.26	.0429	0	1	.06	.0054	0	0			
13	Newhall	NM	NM	NM	NM	NM	NM	.21	67	129	NM	NM	NM	NM	NM	NM	NM	NM			
14	Lancaster	12	3.9	0	0	0	0	.17	32	105	.09	.0161	0	0	NM	NM	NM	NM			
16	La Habra	21	10.6	2	0	3	1	.24	41	77	.22	.0382	0	0	.04	.0042	0	0			
17	Anaheim	16	8.7	0	0	0	0	.22	25	48	.22	.0421	0	0	.03	.0028	0	0			
17	Los Alamitos	NM	NM	NM	NM	NM	NM	.17	4	15	NM	NM	NM	NM	.03	.0024	0	0			
18	Costa Mesa	12	8.4	0	0	0	0	.16	2	23	.19	.0281	0	0	.03	.0020	0	0			
19	El Toro	8	6.3	0	0	0	0	.20	16	36	NM	NM	NM	NM	NM	NM	NM	NM			
22	Norco	NM	NM	NM	NM	NM	NM	.24	73	139	NM	NM	NM	NM	NM	NM	NM	NM	March Field (Riverside)	215	
23	Rubidoux	9	6.1	0	0	0	0	.29	113	168	.21	.0269	0	0	.02	.0015	0	0			
23	Riverside (Magnolia)	13	7.6	0	0	0	0	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM			
24	Perris	NM	NM	NM	NM	NM	NM	.20	82	136	NM	NM	NM	NM	NM	NM	NM	NM			
28	Hemet	NM	NM	NM	NM	NM	NM	.18	27	83	NM	NM	NM	NM	NM	NM	NM	NM			
29	Banning	NM	NM	NM	NM	NM	NM	.21	53	96	NM	NM	NM	NM	NM	NM	NM	NM			
30	Palm Springs	5	2.9	0	0	0	0	.17	33	74	.08	.0190	0	0	NM	NM	NM	NM			
30	Indio ^{e)}	NM	NM	NM	NM	NM	NM	.16	14	41	NM	NM	NM	NM	NM	NM	NM	NM			
32	Upland	7	5.1	0	0	0	0	.28	101	150	.20	.0472	0	0	.02	.0011	0	0	Norton Air Force Base	237	
33	Ontario	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	(San Bernardino)		
33	Chino ^{f)}	NM	NM	NM	NM	NM	NM	.04	0	0	NM	NM	NM	NM	NM	NM	NM	NM	Ontario		
34	Fontana	6	4.0	0	0	0	0	.29	116	165	.18	.0383	0	0	.02	.0014	0	0	Airport	235	
34	San Bernardino	11	6.7	0	0	0	0	.25	117	166	.19	.0430	0	0	.03	.0019	0	0			
35	Redlands	NM	NM	NM	NM	NM	NM	.24	120	161	NM	NM	NM	NM	NM	NM	NM	NM			
37	Crestline	NM	NM	NM	NM	NM	NM	.29	119	156	NM	NM	NM	NM	NM	NM	NM	NM			

PPM - Parts by volume per million parts of air.

AAM - Annual Arithmetic Mean.

NM - Pollutant not monitored.

* - Data received from FAA.

a) - The federal Standard is annual arithmetic mean NO₂ greater than 0.0534 ppm.

b) - The other federal (3-hour average > 0.50 PPM; 0.03 PPM, AAM) and state (1-hour > 0.25 PPM) standards were also not exceeded.

c) - Twenty-four hour average SO₂ ≥ 0.05 PPM with 1-hour Ozone ≥ 0.10 PPM, or with 24-hour TSP ≥ 100 ug/m³.

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

e) - Ozone monitored July 1 - September 18, 1987.

f) - Ozone monitoring terminated January 30, 1987.

HUNTINGTON BEACH PUBLIC LIBRARY
7111 Talbert Avenue
Huntington Beach, CA 92648



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

FOR REFERENCE
NOT TO BE TAKEN FROM LIBRARY

AIR QUALITY DATA 1987 SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Source/ Location Receptor of Area Air Monitoring No. Station	Suspended Particulates PM ₁₀ ^{g)}									Particulates TSP ^{h)}			Lead ^{h)}			Sulfate ^{h)}		
	Number of Samples	Max. 24-Hr. Conc. ug/m ³	No. (%) Samples Exceeding Standard		Federal		State		Percent Standard Exceeded ⁱ⁾		Number of Samples	Max. 24-Hr. Conc. ug/m ³	AGM Conc. ug/m ³	Max. 24-Hr. Conc. ug/m ³	Occasions Exceeding Std.		Max. 24-Hr. Conc. ug/m ³	Number of No. Samples Exceeding Std.
			>150 ug/m ³ 24-Hour	>50 ug/m ³ 24-Hour	AAM Conc. ug/m ³	AGM Conc. ug/m ³	>50 ug/m ³	>30 ug/m ³	Federal State	Federal State					Federal State	>1.5 ug/m ³ Qrtly Avg.		
1 Los Angeles	58	158	1 (1.7)	36 (62.1)	56.6	50.6	13.2	68.7	61	216	91.4	0.43	0	0	14.5	0		
2 W. Los Angeles	NM	NM	NM	NM	NM	NM	NM	NM	59	125	57.2	NM	NM	NM	15.2	0		
3 Hawthorne	NM	NM	NM	NM	NM	NM	NM	NM	59	150	76.5	0.44	0	0	20.6	0		
4 Long Beach	55	113	0 (0)	18 (32.7)	50.5	45.8	1.0	52.7	60	174	86.3	0.53	0	0	17.6	0		
5 Whittier	NM	NM	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	NM	NM		
7 Burbank	59	147	0 (0)	36 (61.0)	60.2	53.7	20.4	78.9	61	180	91.9	0.44	0	0	17.5	0		
8 Pasadena	NM	NM	NM	NM	NM	NM	NM	NM	59	139	70.0	NM	NM	NM	14.0	0		
9 Azusa	59	188	2 (3.4)	38 (64.4)	68.2	58.7	36.4	95.7	61	254	111.8	NM	NM	NM	15.4	0		
9 Glendora	NM	NM	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	NM	NM		
11 Pico Rivera	NM	NM	NM	NM	NM	NM	NM	NM	60	263	95.0	0.72	0	0	17.8	0		
12 Lynwood	NM	NM	NM	NM	NM	NM	NM	NM	53	221	115.2	0.54	0	0	18.2	0		
13 Newhall	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM		
14 Lancaster	NM	NM	NM	NM	NM	NM	NM	NM	60	187	64.2	NM	NM	NM	7.3	0		
16 La Habra	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM		
17 Anaheim	NM	NM	NM	NM	NM	NM	NM	NM	61	202	84.6	0.28	0	0	14.6	0		
17 Los Alamitos	59	163	1 (1.7)	21 (35.6)	48.6	42.4	0	41.3	57	648 ^{l)}	91.9	NM	NM	NM	18.2	0		
18 Costa Mesa	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM		
19 El Toro	61	107	0 (0)	15 (24.6)	40.0	36.1	0	20.3	60	150	68.8	NM	NM	NM	14.3	0		
22 Norco	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM		
23 Rubidoux	60	219	7 (11.7)	46 (76.7)	89.6	73.5	47.0	145.0	60	305	116.9	0.20	0	0	16.1	0		
23 Riverside (Magnolia)	NM	NM	NM	NM	NM	NM	NM	NM	61	234	106.5	0.27	0	0	19.7	0		
24 Perris	15 ^{j)}	187	0 (0)	5 (33.3)	49.2	31.8	0	6.0	59	255	88.2	NM	NM	NM	15.6	0		
28 Hemet	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM		
29 Banning	61	163	1 (1.6)	22 (36.1)	44.1	34.0	0	13.3	61	213	68.7	NM	NM	NM	15.2	0		
30 Palm Springs	20 ^{k)}	121	0 (0)	5 (25.0)	33.4	24.1	0	0	61	180	58.8	NM	NM	NM	10.4	0		
30 Indio	61	115	0 (0)	25 (41.0)	51.4	44.2	2.8	47.3	60	331	100.6	NM	NM	NM	10.3	0		
32 Upland	NM	NM	NM	NM	NM	NM	NM	NM	61	212	92.2	0.23	0	0	18.0	0		
33 Ontario	60	182	1 (1.7)	41 (68.3)	69.8	60.3	39.6	101.0	55	242	106.0	NM	NM	NM	17.8	0		
33 Chino	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM		
34 Fontana	60	203	3 (5.0)	38 (63.3)	73.9	57.6	47.8	92.0	59	298	108.3	NM	NM	NM	18.7	0		
34 San Bernardino	61	211	2 (3.3)	36 (59.0)	70.0	55.2	40.0	84.0	60	271	107.6	0.23	0	0	17.6	0		
35 Redlands	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM		
37 Crestline	NM	NM	NM	NM	NM	NM	NM	NM	60	218	48.2	NM	NM	NM	13.1	0		

ug/m³ - Micrograms per cubic meter of air.

AGM - Annual Geometric Mean.

g) - suspended particulates PM₁₀ 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).

h) - 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.

i) - Federal PM₁₀ standard is AAM >50 ug/m³; state standard is AGM >30 ug/m³.

j) - Sampling period: October - December.

k) - Sampling period: September - December.

l) - Adjacent parking lot was being swept during sampling period. Second high concentration 310 ug/m³