

2000 AIR QUALITY SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Source/Receptor Area No. Location		Station No.		Carbon Monoxide					Ozone					Nitrogen Dioxide				Sulfur Dioxide						
				No. Days Standard Exceeded ^{a)}					No. Days Standard Exceeded					Average Compared to Federal Standard ^{b)}		No. Days Standard Exceeded		Average Compared to Federal Standard ^{d)}						
				No. Days of Data	Max. Conc. in ppm	Max. Conc. in ppm	Federal ≥ 9.5 ppm	State > 9.0 ppm	No. Days of Data	Max. Conc. in ppm	Max. Conc. in ppm	Fourth High Conc. Ppm 8-hour	Federal > 0.12 ppm 1-hour	State > 0.08 ppm 8-hour	State > 0.09 ppm 1-hour	No. Days of Data	Max. Conc. in ppm	Average in ppm	No. Days Standard Exceeded > 0.25 ppm 1-hour	No. Days of Data	Max. Conc. in ppm	Max. Conc. in ppm	Average in ppm	
Los Angeles County																								
1	Central LA	087		365	7	6.0	0	0	365	0.14	0.105	0.086	1	4	8	353	0.16	0.0404	0	305*	0.08*	0.010*	0.0009*	
2	Northwest Coastal LA County	091		362	6	4.3	0	0	365	0.10	0.079	0.071	0	0	2	361	0.16	0.0273	0	--	--	--	--	
3	Southwest Coastal LA County	094		365	9	7.0	0	0	359	0.10	0.075	0.065	0	0	1	364	0.13	0.0275	0	365	0.17	0.017	0.0017	
4	South Coastal LA County	072		363	10	5.8	0	0	365	0.12	0.080	0.069	0	0	3	358	0.14	0.0313	0	365	0.05	0.014	0.0015	
6	West San Fernando Valley	074		365	11	9.8	1	2	362	0.11	0.084	0.083	0	0	6	365	0.11	0.0285	0	--	--	--	--	
7	East San Fernando Valley	069		365	8	6.1	0	0	363	0.15	0.119	0.098	3	11	16	365	0.17	0.0415	0	357	0.01	0.004	0.0001	
8	West San Gabriel Valley	088		357	9	7.4	0	0	362	0.16	0.134	0.106	7	14	19	355	0.17	0.0296	0	--	--	--	--	
9	East San Gabriel Valley 1	060		365	5	4.9	0	0	365	0.17	0.141	0.109	11	16	32	365	0.15	0.0366	0	--	--	--	--	
9	East San Gabriel Valley 2	591		345	4	3.1	0	0	358	0.17	0.148	0.113	11	22	39	349	0.13	0.0290	0	--	--	--	--	
10	Pomona/Walnut	075		360	7	4.9	0	0	363	0.15	0.124	0.089	3	5	18	358	0.14	0.0435	0	--	--	--	--	
11	South San Gabriel Valley	085		365	7	5.3	0	0	365	0.14	0.114	0.086	2	4	11	365	0.14	0.0366	0	--	--	--	--	
12	South Central LA County 1	084		365	13	10.0	2	6	365	0.09	0.064	0.051	0	0	0	360	0.14	0.0386	0	--	--	--	--	
12	South Central LA County 2	801		222*	13*	9.5*	1*	3*	222*	0.12*	0.095*	0.085*	0*	4*	4*	221*	0.11*	0.0292*	0*	--	--	--	--	
13	Santa Clarita Valley	089		345	6	4.9	0	0	360	0.13	0.111	0.099	1	16	31	360	0.10	0.0246	0	--	--	--	--	
Orange County																								
16	North Orange County	3177		364	14	6.1	0	0	364	0.14	0.103	0.085	1	4	8	269*	0.12*	0.0304*	0*	--	--	--	--	
17	Central Orange County	3176		360	8	6.8	0	0	364	0.13	0.101	0.075	1	1	9	364	0.13	0.0300	0	--	--	--	--	
18	North Coastal Orange County	3195		339*	8*	6.3*	0*	0*	365	0.10	0.087	0.087	1	1	1	362	0.11	0.0205	0	363	0.02	0.008	0.0005	
19	Saddleback Valley 1	3186		244*	5*	2.3*	0*	0*	244*	0.13*	0.110*	0.068*	1*	2*	3*	--	--	--	--	--	--	--	--	
19	Saddleback Valley 2	3812		305*	4*	3.3*	0*	0*	305*	0.15*	0.129*	0.089*	2*	8*	25*	--	--	--	--	--	--	--	--	
Riverside County																								
22	Norco/Corona	4155		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
23	Metropolitan Riverside County 1	4144		365	5	4.3	0	0	365	0.14	0.113	0.106	3	29	41	298*	0.10*	0.0236*	0*	329*	0.11*	0.041*	0.0008*	
23	Metropolitan Riverside County 2	4146		365	9	4.3	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
24	Perris Valley	4149		--	--	--	--	--	361	0.16	0.126	0.113	15	41	65	--	--	--	--	--	--	--	--	
25	Lake Elsinore	4158		351	4	2.0	0	0	361	0.13	0.109	0.099	1	31	45	360	0.08	0.0175	0	--	--	--	--	
29	Banning Airport	4164		--	--	--	--	--	363	0.14	0.111	0.103	4	39	52	365	0.21	0.0237	0	--	--	--	--	
30	Coachella Valley 1**	4137		353	3	1.6	0	0	355	0.12	0.105	0.096	0	33	40	337	0.07	0.0178	0	--	--	--	--	
30	Coachella Valley 2**	4157		87*	3*	2.1*	0*	0*	354	0.11	0.096	0.089	0	9	43	87*	0.06*	0.0099*	0*	--	--	--	--	
San Bernardino County																								
32	Northwest San Bernardino Valley	5175		348	4	2.6	0	0	365	0.18	0.159	0.118	10	19	43	357	0.15	0.0380	0	--	--	--	--	
33	Southwest San Bernardino Valley	5817		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
34	Central San Bernardino Valley 1	5197		--	--	--	--	--	365	0.17	0.139	0.101	7	16	36	365	0.12	0.0364	0	274*	0.02*	0.010*	0.0018*	
34	Central San Bernardino Valley 2	5203		304*	5*	4.3*	0*	0*	365	0.15	0.125	0.111	7	27	48	365	0.10	0.0325	0	--	--	--	--	
35	East San Bernardino Valley	5204		--	--	--	--	--	365	0.15	0.133	0.113	11	51	78	--	--	--	--	--	--	--	--	
37	Central San Bernardino Mountains	5181		--	--	--	--	--	354	0.18	0.149	0.123	17	73	85	--	--	--	--	--	--	--	--	
38	East San Bernardino Mountains	5818		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
District Maximum				14	10.0	2	6		0.18	0.159	0.123	17	73	85	0.21	0.0435	0	0.17	0.041	0.0018				

ppm - Parts Per Million parts of air, by volume. AAM = Annual Arithmetic Mean -- - Pollutant not monitored.

*Less than 12 full months of data. May not be representative.

**Salton Sea Air Basin.

a) - The federal 1-hour standard (1-hour average CO > 35 ppm) and state 1-hour standard (1-hour average CO > 20 ppm) were not exceeded.

b) - The federal standard is annual arithmetic mean NO₂ greater than 0.0534 ppm. No location exceeded this standard.

c) - The state standards are 1-hour average > 0.25 ppm and 24-hour average > 0.045 ppm. No location exceeded state standards.

d) - The federal standard is annual arithmetic mean SO₂ > 0.03 ppm. No location exceeded this standard.

The other federal standards (3-hour average > 0.50 ppm, and 24-hour average > 0.14 ppm) were not exceeded either.



**South Coast
Air Quality Management District**
21865 East Copley Drive
Diamond Bar, CA 91765-4182
<http://www.aqmd.gov>

The map showing the locations of source/receptor areas can be accessed via the Internet at <http://www.aqmd.gov/smog/areamap.html>. Locations of source/receptor areas are shown on the "South Coast Air Quality Management District Air Monitoring Areas" map available free of charge from SCAQMD Public Information.

2000

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Source/Receptor Area No. Location	Station No.	Suspended Particulates PM10 ^{e)}						Suspended Particulates PM2.5 ^{f)}				Particulates TSP ^{g)}			Lead ^{g)}		Sulfate ^{g)}		
		No. Days of Data	Max. Conc. in µg/m ³ 24-hour	No. (%) Samples Exceeding Standard		Annual Averages ^{h)}		No. Days of Data	Max. Conc. in µg/m ³ 24-hour	No. (%) Samples Exceeding Standard		Annual Averages ⁱ⁾	No. Days of Data	Max. Conc. in µg/m ³ 24-hour	Annual Average Conc. µg/m ³	Max. Monthly Average Conc. ^{j)} µg/m ³	Max. Quarterly Average Conc. ^{j)} µg/m ³	No. (%) Samples Exceeding Standard State in µg/m ³ 24-hour	Max. Conc. in µg/m ³ 24-hour
				Federal > 150 µg/m ³	State > 50 µg/m ³	AAM Conc. µg/m ³	AGM Conc. µg/m ³			Federal > 65 µg/m ³	AAM Conc. µg/m ³								
Los Angeles County																			
1	Central LA	087	60	80	0	15(25)	40.0	37.0	334	87.8	11(3.3)	22.0	60	127	72.0	0.06	0.05	16.4	0
2	Northwest Coastal LA County	091	--	--	--	--	--	--	--	--	--	--	60	87	48.2	--	--	14.1	0
3	Southwest Coastal LA County	094	57	74	0	9(16)	36.1	33.4	--	--	--	--	61	127	64.8	0.08	0.05	16.2	0
4	South Coastal LA County	072	57	105	0	12(21)	37.6	34.0	304*	81.5*	4(1.3)*	19.2*	61	164	68.2	0.05	0.04	26.7	1
6	West San Fernando Valley	074	--	--	--	--	--	--	108	67.5	2(1.9)	18.1	--	--	--	--	--	--	--
7	East San Fernando Valley	069	60	74	0	14(23)	39.1	36.1	70*	84.4*	3(4.3)*	23.8*	--	--	--	--	--	--	--
8	West San Gabriel Valley	088	--	--	--	--	--	--	110	66.3	1(0.9)	19.3	60	91	49.1	--	--	13.9	0
9	East San Gabriel Valley 1	060	57	94	0	24(42)	46.3	42.5	333	92.5	5(1.5)	20.1	59	157	85.3	--	--	17.2	0
9	East San Gabriel Valley 2	591	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10	Pomona/Walnut	075	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11	South San Gabriel Valley	085	--	--	--	--	--	--	116	89.5	4(3.4)	24.1	57	118	74.7	0.09	0.06	13.1	0
12	South Central LA County 1	084	--	--	--	--	--	--	121	82.1	2(1.7)	23.0	60	167	74.9	0.09	0.06	11.4	0
12	South Central LA County 2	801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
13	Santa Clarita Valley	089	61	64	0	4(7)	32.7	29.8	--	--	--	--	--	--	--	--	--	--	--
Orange County																			
16	North Orange County	3177	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
17	Central Orange County	3176	61	126	0	8(13)	39.9	35.7	273*	113.9*	6(2.2)*	21.0*	--	--	--	--	--	--	--
18	North Coastal Orange County	3195	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
19	Saddleback Valley 1	3186	31*	60*	0*	1(3)*	28.9*	27.4*	--	--	--	--	--	--	--	--	--	--	--
19	Saddleback Valley 2	3812	60	98	0	2(3)	27.8	25.5	119	94.7	1(0.8)	14.7	--	--	--	--	--	--	--
Riverside County																			
22	Norco/Corona	4155	58	129	0	28(48)	49.3	43.4	--	--	--	--	--	--	--	--	--	--	--
23	Metropolitan Riverside County 1	4144	97	139	0	68(70)	60.1	54.7	304*	119.6*	11(3.6)*	28.2*	62	211	115.5	0.06	0.05	11.0	0
23	Metropolitan Riverside County 2	4146	--	--	--	--	--	--	111	79.3	5(4.5)	25.5	63	144	82.8	0.04	0.03	10.2	0
24	Perris Valley	4149	59	87	0	13(22)	41.1	36.8	--	--	--	--	--	--	--	--	--	--	--
25	Lake Elsinore	4158	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29	Banning Airport	4164	59	69	0	5(8)	29.1	24.7	--	--	--	--	--	--	--	--	--	--	--
30	Coachella Valley 1**	4137	56	44	0	0	24.4	22.7	120	28.5	0	9.6	--	--	--	--	--	--	--
30	Coachella Valley 2**	4157	103 ^{k)}	114 ^{k)}	0 ^{k)}	52(50 ^{k)}	51.9 ^{k)}	48.4 ^{k)}	115	28.6	0	11.2	--	--	--	--	--	--	--
San Bernardino County																			
32	Northwest San Bernardino Valley	5175	--	--	--	--	--	--	--	--	--	--	56	122	69.8	0.07	0.05	11.5	0
33	Southwest San Bernardino Valley	5817	58	124	0	26(45)	50.4	46.3	111	73.4	2(1.8)	24.2	--	--	--	--	--	--	--
34	Central San Bernardino Valley 1	5197	60	108	0	31(52)	52.6	47.1	111	72.9	2(1.8)	24.5	57	180	97.3	--	--	10.7	0
34	Central San Bernardino Valley 2	5203	60	108	0	32(53)	50.1	44.5	102*	89.8*	3(2.9)*	25.4*	59	168	95.4	0.06	0.05	12.4	0
35	East San Bernardino Valley	5204	61	109	0	27(44)	46.0	39.7	--	--	--	--	--	--	--	--	--	--	--
37	Central San Bernardino Mountains	5181	58	49	0	0	24.0	20.7	--	--	--	--	--	--	--	--	--	--	--
38	East San Bernardino Mountains	5818	--	--	--	--	--	--	58	29.0	0	10.6	--	--	--	--	--	--	--
District Maximum			139	0	68	60.1	54.7		119.6	11	28.2		211	115.5	0.09	0.06	26.7	1	

µg/m³ - Micrograms per cubic meter of air.

AAM - Annual Arithmetic Mean

AGM - Annual Geometric Mean

-- - Pollutant not monitored.

* - Less than 12 full months of data. May not be representative.

** - Salton Sea Air Basin.

e) - PM10 samples were collected every 6 days (every 3 days at Station Numbers 4144 and 4157) using the size-selective inlet high volume sampler with quartz filter media.

f) - PM2.5 federal standard was established effective September 16, 1997. PM2.5 samples were collected every 3 days at all sites except for the following sites: Station Numbers 060, 072, 087, 3176, and 4144 where samples were taken every day, and Station Number 5818 where samples were taken every 6 days.

g) - 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.

h) - Federal PM10 standard is AAM > 50 µg/m³; and state standard is AGM > 30 µg/m³.

i) - Federal PM2.5 standard is AAM > 15 µg/m³.

j) - Federal lead standard is quarterly average > 1.5 µg/m³; and state standard is monthly average ≥ 1.5 µg/m³. No location exceeded lead standards.

Special monitoring immediately downwind of stationary sources of lead was carried out at four locations in 2000. The maximum monthly average concentration was 0.46 µg/m³, and the maximum quarterly average concentration was 0.34 µg/m³, both recorded in Area 5, Southeast Los Angeles County.

k) - The data for the samples collected on high-wind-days (190 µg/m³ on 4/21/00, 201 µg/m³ on 5/15/00 and 183 µg/m³ on 9/21/00) were excluded in accordance with EPA's Natural Events Policy.



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