

**2008 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

2008

Source/Receptor Area No. Location State District Code Code				Carbon Monoxide ^{a)}			Ozone										Nitrogen Dioxide ^{d)}			Sulfur Dioxide ^{e)}							
				No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 8-hour	No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 8-hour	Fourth High Conc. ppm 8-hour	Health Advisory ≥ 0.150 ppm 1-hour	No. Days Standard Exceeded						No. Days of Data	Max. Conc. in ppm 1-hour	Annual Average $\Delta\Delta\Delta$ Conc. ppm	No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 24-hour	Annual Average $\Delta\Delta\Delta$ Conc. ppm			
												Federal ^{b)}			State ^{c)}												
												Old > 0.12 ppm 1-hour	Old > 0.08 ppm 8-hour	Current > 0.075 ppm 8-hour	Current > 0.09 ppm 1-hour	Current > 0.070 ppm 8-hour											
LOS ANGELES COUNTY				366	3	2.1	356	0.109	0.090	0.073	0	0	1	3	3	7	343	0.12	0.0275	366	0.01	0.002	0.0003				
1	Central LA	70087	087	366	3	2.0	366	0.11	0.097	0.073	0	0	1	2	3	8	364	0.09	0.0184	--	--	--	--				
2	Northwest Coastal LA County	70091	091	358	4	2.5	360	0.086	0.075	0.065	0	0	0	0	0	1	359	0.10	0.0143	357	0.02	0.005	0.0014				
3	Southwest Coastal LA County	70111	820	366	3	2.6	366	0.093	0.074	0.064	0	0	0	0	0	1	366	0.13	0.0208	366	0.09	0.012	0.0022				
4	South Coastal LA County 1	70072	072	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
4	South Coastal LA County 2	70110	077	366	4	2.9	366	0.123	0.103	0.095	0	0	14	25	23	40	366	0.09	0.0180	--	--	--	--				
6	West San Fernando Valley	70074	074	366	3	2.6	366	0.133	0.109	0.092	0	1	8	17	20	35	364	0.11	0.0285	366	0.01	0.003	0.0008				
7	East San Fernando Valley	70069	069	366	3	2.1	366	0.122	0.100	0.091	0	0	6	16	16	26	365	0.11	0.0235	--	--	--	--				
8	West San Gabriel Valley	70088	088	366	2	1.6	366	0.135	0.111	0.101	0	7	14	28	34	39	366	0.10	0.0230	--	--	--	--				
9	East San Gabriel Valley 1	70060	060	366	3	3.0	366	0.156	0.118	0.112	2	12	25	45	48	61	366	0.10	0.0182	--	--	--	--				
9	East San Gabriel Valley 2	70591	591	366	3	2.0	366	0.141	0.110	0.100	0	5	19	35	32	47	366	0.11	0.0302	--	--	--	--				
10	Pomona/Walnut Valley	70075	075	357	3	2.1	366	0.107	0.093	0.077	0	0	1	5	7	13	341	0.10	0.0263	--	--	--	--				
11	South San Gabriel Valley	70185	085	310*	6*	4.3*	310*	0.078*	0.060*	0.055*	0*	0*	0*	0*	0*	0*	305*	0.12*	0.0301*	--	--	--	--				
12	South Central LA County	70084	084	363	2	1.1	363	0.160	0.131	0.108	2	8	35	60	54	81	363	0.07	0.0165	--	--	--	--				
13	Santa Clarita Valley	70090	090	ORANGE COUNTY				366	5	2.9	366	0.104	0.084	0.078	0	0	0	5	7	15	361	0.09	0.0206	--	--	--	--
16	North Orange County	30177	3177	366	4	3.6	366	0.105	0.086	0.076	0	0	1	4	2	10	366	0.09	0.0203	--	--	--	--				
17	Central Orange County	30178	3176	366	3	2.0	366	0.094	0.079	0.075	0	0	0	3	0	6	365	0.08	0.0132	366	0.01	0.003	0.0011				
18	North Coastal Orange County	30195	3195	365	2	1.1	365	0.118	0.104	0.092	0	0	6	15	9	25	--	--	--	--	--	--	--				
19	Saddleback Valley	30002	3812	RIVERSIDE COUNTY				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
22	Norco/Corona	33155	4155	366	3	2.0	366	0.146	0.116	0.111	0	8	38	64	54	88	366	0.09	0.0192	366	0.01	0.003	0.0009				
23	Metropolitan Riverside County 1	33144	4144	366	7	2.0	--	--	--	--	--	--	--	--	--	--	70*	0.09*	0.0258*	--	--	--	--				
23	Metropolitan Riverside County 2	33146	4146	366	3	1.9	366	0.135	0.107	0.104	0	4	23	47	38	62	366	0.10	0.0174	--	--	--	--				
23	Mira Loma	33165	5214	--	--	--	366	0.142	0.114	0.106	0	4	41	77	65	94	--	--	--	--	--	--	--				
24	Perris Valley	33149	4149	365	1	1.0	365	0.139	0.118	0.108	0	6	32	69	49	92	362	0.06	0.0129	--	--	--	--				
25	Lake Elsinore	33158	4158	--	--	--	365	0.149	0.120	0.108	0	10	45	74	57	95	366	0.08	0.0128	--	--	--	--				
29	Banning Airport	33164	4164	366	1	0.6	366	0.11	0.101	0.098	0	0	20	51	26	70	366	0.05	0.0093	--	--	--	--				
30	Coachella Valley 1**	33137	4137	--	--	--	355	0.12	0.092	0.090	0	0	11	27	11	44	--	--	--	--	--	--	--				
30	Coachella Valley 2**	33157	4157	SAN BERNARDINO COUNTY				365	2	1.6	365	0.155	0.122	0.111	2	9	30	50	51	65	365	0.09	0.0235	--	--	--	--
32	Northwest San Bernardino Valley	36175	5175	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
33	Southwest San Bernardino Valley	36025	5817	363	2	1.9	364	0.162	0.124	0.111	1	8	35	58	55	82	364	0.10	0.0207	364	0.01	0.003	0.0018				
34	Central San Bernardino Valley 1	36197	5197	366	2	1.8	366	0.157	0.122	0.113	2	11	43	62	62	90	366	0.09	0.0217	--	--	--	--				
34	Central San Bernardino Valley 2	36203	5203	--	--	--	366	0.154	0.120	0.112	1	12	50	75	72	100	--	--	--	--	--	--	--				
35	East San Bernardino Valley	36204	5204	--	--	--	362	0.176	0.126	0.120	2	16	67	97	78	115	--	--	--	--	--	--	--				
37	Central San Bernardino Mountains	36181	5181	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
38	East San Bernardino Mountains	36001	5818	DISTRICT MAXIMUM				366	7	4.3	366	0.176	0.131	0.120	2	17	75	97	79	115	0.13	0.0302	0.09	0.012	0.0022		
SOUTH COAST AIR BASIN				7	4.3	0.176	0.131	0.120	7	28	80	120	102	140	0.13	0.0302	0.09	0.012	0.0022								

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 8-hour standard (8-hour average CO > 9 ppm) and state 8-hour standard (8-hour average CO > 9.0 ppm) were not exceeded.

The federal and state 1-hour standards (35 ppm and 20 ppm) were not exceeded, either.

b) - The federal 1-hour ozone standard was revoked and replaced by the 8-hour average ozone standard effective June 15, 2005. U.S. EPA has revised the federal 8-hour ozone standard from 0.084 ppm to 0.075 ppm, effective May 27, 2008.

c) - The 8-hour average California ozone standard of 0.070 ppm was established effective May 17, 2006.

d) - The federal standard is annual arithmetic mean NO₂ > 0.0534 ppm. California Air Resources Board has revised the NO₂ 1-hour state standard from 0.25 ppm to 0.18 ppm and has established a new annual standard of 0.030 ppm, effective March 20, 2008.

e) - The state standards are 1-hour average SO₂ > 0.25 ppm and 24-hour average SO₂ > 0.04 ppm. The federal standards are annual arithmetic mean SO₂ > 0.03 ppm, 24-hour average > 0.14 ppm, and 3-hour average > 0.50 ppm. The federal and state SO₂ standards were not exceeded.



**South Coast
Air Quality Management District**
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Maps showing the source/receptor area boundaries can be accessed via the Internet by entering your address in the AQMD [Current Hourly Air Quality Map](http://www2.aqmd.gov/webapp1/gisaqi2/VEMap3D.aspx), accessed from <http://www2.aqmd.gov/webapp1/gisaqi2/VEMap3D.aspx> or at <http://www.aqmd.gov/map/MapAQMD2.pdf>. A map is also available free of charge from the AQMD Public Information Center at 1-800-CUT-SMOG.

**2008 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

2008

Source/Receptor Area No. Location	Station No. State District Code Code		Suspended Particulates PM10 ^{f)}					Fine Particulates PM2.5 ^{g)}					Particulates TSP ^{h)}			Lead ^{h)}		Sulfate ^{h)}			
			No. Days of Data	Max. Conc. in µg/m ³ 24-hour	No. (%) Samples Exceeding Standards		Annual Average Conc. (AAM) µg/m ³	No. Days of Data	Max. Conc. in µg/m ³ 24-hour	98 th Percentile Conc. in µg/m ³ 24-hour	No. (%) Samples Exceeding Federal Standard		Annual Average Conc. (AAM) µg/m ³	No. Days of Data	Max. Conc. in µg/m ³ 24-hour	Annual Average Conc. (AAM) µg/m ³	Max. Monthly Average Conc. µg/m ³	Max. Quarterly Average Conc. µg/m ³	Max. Conc. in µg/m ³ 24-hour	%Samples Exceeding State Standard ≥ 25 µg/m ³ 24-hour	
					Federal > 150 µg/m ³ 24-hour	State > 50 µg/m ³ 24-hour					Current > 35 ^{l)} µg/m ³ 24-hour	Old > 65 ^{l)} µg/m ³ 24-hour									
LOS ANGELES COUNTY																					
1	Central LA	70087	087	45*	66*	0*	2(4%)*	30.9*	337	78.3	40.4	10(3.0)	1(0.3)	15.7	63	112	65.6	0.02	0.02	14.4	0
2	Northwest Coastal LA County	70091	091	--	--	--	--	--	--	--	--	--	--	--	56	88	45.9	--	--	11.1	0
3	Southwest Coastal LA County	70111	820	60	50	0	0(0%)	25.6	--	--	--	--	--	--	54	85	42.4	0.01	0.01	14.0	0
4	South Coastal LA County 1	70072	072	57	62	0	1(2%)	29.1	346	57.2	38.9	8(2.3)	0	14.2	61	117	55.7	0.01	0.01	11.0	0
4	South Coastal LA County 2	70110	077	58	81	0	9(16%)	35.8	349	60.9	36.4	7(2.0)	0	13.7	59	130	61.2	0.01	0.01	13.2	0
6	West San Fernando Valley	70074	074	--	--	--	--	--	113	50.5	26.2	2(1.8)	0	11.9	--	--	--	--	--	--	--
7	East San Fernando Valley	70069	069	54	66	0	7(13%)	35.6	116	57.5	34.6	2(1.7)	0	14.1	--	--	--	--	--	--	--
8	West San Gabriel Valley	70088	088	--	--	--	--	--	118	66.0	32.1	2(1.7)	1(0.9)	12.9	55	108	46.7	--	--	14.1	0
9	East San Gabriel Valley 1	70060	060	49	98	0	13(27%)	35.3	321	53.1	34.8	5(1.6)	0	14.1	59	146	74.9	--	--	18.7	0
9	East San Gabriel Valley 2	70591	591	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10	Pomona/Walnut Valley	70075	075	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11	South San Gabriel Valley	70185	085	--	--	--	--	--	114	47.3	38.0	4(3.5)	0	15.0	57	119	63.2	0.02	0.02	10.1	0
12	South Central LA County	70084	084	--	--	--	--	--	118	44.2	36.5	3(2.5)	0	15.5	51	103	70.4	0.03	0.02	10.6	0
13	Santa Clarita Valley	70090	090	57	91	0	2(4%)	25.8	--	--	--	--	--	--	--	--	--	--	--	--	--
ORANGE COUNTY																					
16	North Orange County	30177	3177	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
17	Central Orange County	30178	3176	58	61	0	3(5%)	28.6	336	67.9	39.4	13(3.9)	1(0.3)	13.7	--	--	--	--	--	--	--
18	North Coastal Orange County	30195	3195	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
19	Saddleback Valley	30002	3812	55	42	0	0(0%)	22.6	120	32.6	27.1	0	0	10.4	--	--	--	--	--	--	--
RIVERSIDE COUNTY																					
22	Norco/Corona	33155	4155	61	86	0	9(15%)	34.4	--	--	--	--	--	--	--	--	--	--	--	--	--
23	Metropolitan Riverside County 1	33144	4144	120	115	0	49(41%)	46.6	348	57.7	41.5	14(4.0)	0	16.4	59	222	100.6	0.01	0.01	9.1	0
23	Metropolitan Riverside County 2	33146	4146	--	--	--	--	--	116	43.0	39.1	4(3.4)	0	13.4	63	130	69.4	0.01	0.01	7.1	0
23	Mira Loma	33165	5214	61	135	0	35(57%)	57.4	111	50.9	47.1	10(9.0)	0	18.2	--	--	--	--	--	--	--
24	Perris Valley	33149	4149	45*	85*	0*	12(27%)*	38.3*	--	--	--	--	--	--	--	--	--	--	--	--	--
25	Lake Elsinore	33158	4158	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29	Banning Airport	33164	4164	56	51	0	1(2%)	26.1	--	--	--	--	--	--	--	--	--	--	--	--	--
30	Coachella Valley 1**	33137	4137	47*	75*	0*	4(9%)*	23.2*	110	18.1	17.1	0	0	7.2	--	--	--	--	--	--	--
30	Coachella Valley 2**	33157	4157	112	128	0	25(22%)	39.9	113	21.6	18.8	0	0	8.4	--	--	--	--	--	--	--
SAN BERNARDINO COUNTY																					
32	Northwest San Bernardino Valley	36175	5175	--	--	--	--	--	--	--	--	--	--	--	54	87	52.2	0.01	0.01	8.4	0
33	Southwest San Bernardino Valley	36025	5817	62	90	0	15(24%)	38.8	113	54.2	45.0	6(5.3)	0	15.8	--	--	--	--	--	--	--
34	Central San Bernardino Valley 1	36197	5197	60	75	0	14(23%)	40.3	112	49.0	47.1	6(5.4)	0	15.4	57	139	80	--	--	9.5	0
34	Central San Bernardino Valley 2	36203	5203	60	76	0	19(32%)	42.7	110	43.5	40.1	3(2.7)	0	13.5	59	166	83.6	0.02	0.02	8.6	0
35	East San Bernardino Valley	36204	5204	61	58	0	4(7%)	29.0	--	--	--	--	--	--	--	--	--	--	--	--	--
37	Central San Bernardino Mountains	36181	5181	39*	41*	0*	0(0%)*	23.9*	--	--	--	--	--	--	--	--	--	--	--	--	--
38	East San Bernardino Mountains	36001	5818	--	--	--	--	--	58	36.8	33.3	1(1.7)	0	9.2	--	--	--	--	--	--	--
DISTRICT MAXIMUM					135	0	49	57.4		78.3	47.1	14	1	18.2		222	100.6	0.03	0.02	18.7	0
SOUTH COAST AIR BASIN					135	0	68	57.4		78.3	47.1	28	2	18.2		222	100.6	0.03	0.02	18.7	0

µg/m³ - Micrograms per cubic meter of air.

AAM = Annual Arithmetic Mean

-- - Pollutant not monitored.

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

** Salton Sea Air Basin.

f) - PM10 samples were collected every 6 days at all sites except for Station Numbers 4144 and 4157 where samples were collected every 3 days.

g) - PM2.5 samples were collected every 3 days at all sites except for the following sites: Station Numbers 060, 072, 077, 087, 3176, and 4144 where samples were taken every day, and Station Number 5818 where samples were taken every 6 days.

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.

i) - Federal annual PM10 standard (AAM > 50 µg/m³) was revoked effective December 17, 2006. State standard is annual average (AAM) > 20 µg/m³.

j) - U.S. EPA has revised the federal 24-hour PM2.5 standard from 65 µg/m³ to 35 µg/m³; effective December 17, 2006.

k) - Federal PM2.5 standard is annual average (AAM) > 15 µg/m³. State standard is annual average (AAM) > 12 µg/m³.

l) - Federal lead standard is quarterly average > 1.5 µg/m³; and state standard is monthly average ≥ 1.5 µg/m³. U.S. EPA has established the federal standard of 0.15 µg/m³, rolling 3-month average, as of October 15, 2008.



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Maps showing the source/receptor area boundaries can be accessed via the Internet by entering your address in the AQMD [Current Hourly Air Quality Map](http://www2.aqmd.gov/webappl/gisaqi2/VEMap3D.aspx), accessed from <http://www2.aqmd.gov/webappl/gisaqi2/VEMap3D.aspx> or at <http://www.aqmd.gov/map/MapAQMD2.pdf>. A map is also available free of charge from the AQMD Public Information Center at 1-800-CUT-SMOG.