

**2017 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

2017

Source/Receptor Area No. Location	Station No.	Carbon Monoxide a)			Ozone b)										Nitrogen Dioxide c)				Sulfur Dioxide d)			
		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	No. Days Standard Exceeded						No. Days of Data	Max Conc. in ppb 1-hour	98 th Percentile Conc. ppb 1-hour	Annual AAM Conc. ppm	No. Days of Data	Max. Conc. in ppm 1-hour	99 th Percentile Conc. ppb 1-hour	
									Old Federal > 0.124 ppm 1-hour	Current Federal > 0.070 ppm 8-hour	2008 Federal > 0.075 ppm 8-hour	1997 Federal > 0.084 ppm 8-hour	Current State > 0.09 ppm 1-hour	Current State > 0.070 ppm 8-hour								
LOS ANGELES COUNTY																						
1	Central LA	087	365	1.9	1.6	364	0.116	0.086	0.080	0	14	9	2	6	14	364	80.6	61.7	20.5	356	5.7	2.6
2	Northwest Coastal LA County	091	227*	2.0	1.2	228*	0.099	0.077	0.069	0	3	1	0	1	3	229*	55.7	46.2	10.2	--	--	--
3	Southwest Coastal LA County	820	361	2.1	1.6	364	0.086	0.070	0.064	0	0	0	0	0	0	324	72.2	54.8	9.3	365	9.5	6.6
4	South Coastal LA County 1	072	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4	South Coastal LA County 2	077	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4	South Coastal LA County 3	033	357	3.9	2.6	362	0.082	0.068	0.062	0	0	0	0	0	0	358	89.5	72.9	17.9	361	19.7	14.3
4	I-710 Near Road##	032	--	--	--	--	--	--	--	--	--	--	--	--	--	364	115.5	82.5	25.4	--	--	--
6	West San Fernando Valley	074	365	3.0	2.5	365	0.140	0.114	0.095	4	64	44	15	26	64	337	62.5	54.2	12.9	--	--	--
8	West San Gabriel Valley	088	365	2.2	1.7	365	0.139	0.100	0.092	2	36	25	6	18	36	361	72.3	59.3	15.3	--	--	--
9	East San Gabriel Valley 1	060	365	1.8	0.9	365	0.152	0.114	0.107	7	62	43	21	38	62	365	65.6	51.1	15.8	--	--	--
9	East San Gabriel Valley 2	591	365	0.8	0.6	365	0.157	0.121	0.111	9	60	48	23	45	60	365	55.5	44.5	10.0	--	--	--
10	Pomona/Walnut Valley	075	365	2.0	1.6	360	0.147	0.114	0.106	5	35	20	11	18	35	360	81.2	62.9	20.5	--	--	--
11	South San Gabriel Valley	085	357	2.5	2.2	354	0.118	0.086	0.079	0	9	4	1	7	9	357	75.0	63.7	19.6	--	--	--
12	South Central LA County	112	365	6.1	4.6	352	0.092	0.076	0.072	0	5	1	0	0	5	365	99.1	66.8	16.1	--	--	--
13	Santa Clarita Valley	090	354	1.3	0.8	365	0.151	0.128	0.104	5	73	53	31	45	73	354	57.6	38.3	10.5	--	--	--
ORANGE COUNTY																						
16	North Orange County	3177	365	3.8	1.7	357	0.113	0.086	0.082	0	12	8	1	5	12	365	76.2	61.3	14.5	--	--	--
17	Central Orange County	3176	365	2.5	2.1	365	0.090	0.076	0.073	0	4	2	0	0	4	353	81.2	63.5	14.2	--	--	--
17	I-5 Near Road##	3131	364	8.4	2.6	--	--	--	--	--	--	--	--	--	--	365	86.4	64.1	22.5	--	--	--
18	North Coastal Orange County	3195	181*	1.7	1.4	181*	0.088	0.080	0.073	0	4	1	0	0	4	181*	45.3	42.2	7.9	181*	1.9	1.7
19	Saddleback Valley	3812	340	1.4	0.9	365	0.103	0.083	0.082	0	25	14	0	3	25	--	--	--	--	--	--	--
RIVERSIDE COUNTY																						
22	Corona/Norco Area	4155	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23	Metropolitan Riverside County 1	4144	365	1.9	1.7	365	0.145	0.118	0.102	2	81	58	32	47	81	365	63.0	57.9	15.0	365	2.5	1.9
23	Metropolitan Riverside County 3	4165	365	2.2	2.0	362	0.144	0.111	0.102	2	64	48	21	41	64	365	65.1	51.9	13.2	--	--	--
24	Perris Valley	4149	--	--	--	365	0.120	0.105	0.094	0	80	52	22	33	80	--	--	--	--	--	--	--
25	Lake Elsinore	4158	365	1.2	0.8	365	0.121	0.098	0.093	0	54	35	15	23	54	365	49.0	38.3	8.2	--	--	--
26	Temecula Valley	4031	--	--	--	365	0.104	0.088	0.086	0	47	26	6	4	47	--	--	--	--	--	--	--
29	San Geronio Pass	4164	--	--	--	365	0.128	0.105	0.101	2	82	64	32	50	82	359	56.3	46.0	8.0	--	--	--
30	Coachella Valley 1**	4137	365	1.0	0.5	365	0.113	0.097	0.093	0	57	36	13	18	57	362	42.5	37.7	6.5	--	--	--
30	Coachella Valley 2**	4157	--	--	--	365	0.107	0.093	0.087	0	44	27	8	8	44	--	--	--	--	--	--	--
30	Coachella Valley 3**	4032	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAN BERNARDINO COUNTY																						
32	Northwest San Bernardino Valley	5175	365	1.9	1.4	365	0.150	0.127	0.112	9	87	72	42	66	87	365	64.1	48.7	15.3	--	--	--
33	I-10 Near Road##	5035	359	4.2	1.3	--	--	--	--	--	--	--	--	--	--	362	86.0	77.3	28.8	--	--	--
33	CA-60 Near Road##	5036	--	--	--	--	--	--	--	--	--	--	--	--	--	358	93.2	76.3	32.1	--	--	--
34	Central San Bernardino Valley 1	5197	365	1.6	1.3	361	0.137	0.118	0.095	2	49	38	16	33	49	345	69.2	58.4	18.3	365	3.9	2.1
34	Central San Bernardino Valley 2	5203	357	2.5	2.3	365	0.158	0.136	0.114	14	112	88	57	81	112	365	65.8	56.5	15.9	--	--	--
35	East San Bernardino Valley	5204	--	--	--	363	0.156	0.135	0.109	9	114	89	60	79	114	--	--	--	--	--	--	--
37	Central San Bernardino Mountains	5181	--	--	--	359	0.146	0.121	0.114	11	110	90	63	76	110	--	--	--	--	--	--	--
38	East San Bernardino Mountains	5818	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
99	DISTRICT MAXIMUM			8.4	4.6		0.158	0.136	0.114	14	114	90	63	81	114		115.5	82.5	32.1		19.7	14.3
99	SOUTH COAST AIR BASIN			8.4	4.6		0.158	0.136	0.114	26	145	122	82	109	145		115.5	82.5	32.1		19.7	14.3

* Incomplete data ** Salton Sea Air Basin -- Pollutant not monitored ppm - Parts Per Million parts of air, by volume ppb - Parts Per Billion parts of air, by volume
AAM = Annual Arithmetic Mean ## Four near-road sites measuring one or more of the pollutants PM_{2.5}, CO and/or NO₂ are operating near freeways: I-5, I-10, I-710 and CA-60.

- a) - The federal and state 8-hour standards (9 ppm and 9.0 ppm) were not exceeded. The federal and state 1-hour CO standards (35 ppm and 20 ppm) were not exceeded either.
- b) - The current (2015) O₃ federal standard was revised effective December 28, 2015.
- c) - The NO₂ federal 1-hour standard is 100 ppb and the annual standard is annual arithmetic mean NO₂ > 0.0534 ppm (53.4 ppb). The state 1-hour and annual standards are 0.18 ppm and 0.030 ppm.
- d) - The federal SO₂ 1-hour standard is 75 ppb (0.075 ppm). The state standards are 1-hour average SO₂ > 0.25 ppm (250 ppb) and 24-hour average SO₂ > 0.04 ppm (40 ppb).



**South Coast
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For information on the current standard levels and most recent revisions please refer to "Appendix II - Current Air Quality" of the "2016 AQMP" which can be accessed at <http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2016-air-quality-management-plan/final-2016-aqmp/appendix-ii.pdf?sfvrsn=4>. 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, at <http://www.aqmd.gov/aqimap>. A printed map or copy of the AQMP Appendix II is also available free of charge from the AQMD Public Information Center at 1-800-CUT-SMOG.

**2017 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

2017 Source/Receptor Area No. Location Station			Suspended Particulates PM10 ^{e)}				Fine Particulates PM2.5 ^{g)}				Lead ⁱ⁾		PM10 Sulfate ^{j)}			
			No. Days of Data	Max. Conc. in µg/m ³ 24-hour	No. (%) Samples Exceeding Standards Federal > 150 µg/m ³ State > 50 µg/m ³		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 Std > 35 µg/m ³ 24-hour	Annual Average Conc. (AAM) µg/m ³	Max. Monthly Average Conc. µg/m ³	Max. 3-Months Rolling Averages µg/m ³	No. Days of Data	Max. Conc. in µg/m ³ 24-hour
LOS ANGELES COUNTY																
1	Central LA ⁺	087	340	96	0	41 (12%)	34.4	358	49.20	27.80	5 (1.4%)	11.94	0.017	0.01	58	5.1
2	Northwest Coastal LA County	091	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3	Southwest Coastal LA County	820	57	46	0	0	19.8	--	--	--	--	--	0.005	0.00	57	5.2
4	South Coastal LA County 1	072	--	--	--	--	--	348	55.30	32.30	4 (1.1%)	10.90	--	--	--	--
4	South Coastal LA County 2	077	34*	70	0	2 (6%)	27.3	356	56.30	31.10	5 (1.4%)	11.02	0.010	0.01	34	3.1
4	South Coastal LA County 3	033	57	79	0	9 (16%)	33.3	--	--	--	--	--	--	--	45	3.8
4	I-710 Near Road ^{##}	032	--	--	--	--	--	365	85.40	35.60	8 (2.2%)	12.90	--	--	--	--
6	West San Fernando Valley	074	--	--	--	--	--	109	35.20	20.70	0	9.70	--	--	--	--
8	West San Gabriel Valley	088	--	--	--	--	--	121	22.80	18.80	0	9.68	--	--	--	--
9	East San Gabriel Valley 1	060	55	83	0	6 (11%)	31.4	115	24.90	21.20	0	10.42	0.018	0.01	55	3.9
9	East San Gabriel Valley 2	591	347	140	0	36 (10%)	31.7	--	--	--	--	--	--	--	--	--
10	Pomona/Walnut Valley	075	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11	South San Gabriel Valley	085	--	--	--	--	--	119	49.50	29.50	1 (0.8%)	12.23	0.010	0.01	--	--
12	South Central LA County ⁺	112	--	--	--	--	--	119	66.70	41.30	4 (3.4%)	12.92	0.016	0.01	--	--
13	Santa Clarita Valley	090	54*	66	0	2 (4%)	23.6	--	--	--	--	--	--	--	53	4.5
ORANGE COUNTY																
16	North Orange County	3177	--	--	--	--	--	--	--	--	--	--	--	--	--	--
17	Central Orange County ⁺	3176	332	128	0	17 (5%)	26.3	305*	53.90	31.20	6 (2%)	11.39	--	--	58	3.3
17	I-5 Near Road ^{##}	3131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
18	North Coastal Orange County	3195	--	--	--	--	--	--	--	--	--	--	--	--	--	--
19	Saddleback Valley	3812	57	58	0	1 (2%)	18.4	113	19.50	15.00	0	8.11	--	--	57	3.0
RIVERSIDE COUNTY																
22	Norco/Corona	4155	56	85	0	7 (13%)	31.2	--	--	--	--	--	--	--	--	--
23	Metropolitan Riverside County 1	4144	366	138	0	103 (28%)	41.6	353	50.30	29.50	6 (1.7%)	12.18	0.008	0.01	119	4.0
23	Metropolitan Riverside County 3 ⁺	4165	359	144	0	194 (54%)	54.4	358	62.20	39.80	9 (2.5%)	13.40	--	--	58	3.3
24	Perris Valley	4149	59	75	0	11 (19%)	32.2	--	--	--	--	--	--	--	59	3.0
25	Lake Elsinore	4158	364	133	0	9 (2%)	22.5	--	--	--	--	--	--	--	--	--
26	Temecula Valley	4031	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29	San Geronio Pass	4164	59	97	0	1 (2%)	22.4	--	--	--	--	--	--	--	59	2.8
30	Coachella Valley 1 ⁺⁺	4137	363	93	0	7 (2%)	21.0	114	14.50	12.80	0	6.05	--	--	56	2.8
30	Coachella Valley 2 ⁺⁺	4157	363	128	0	43 (12%)	34.0	110	18.80	14.70	0	8.10	--	--	118	3.4
30	Coachella Valley 3 ⁺⁺⁺	4032	317	150	0	76 (24%)	42.0	--	--	--	--	--	--	--	--	--
SAN BERNARDINO COUNTY																
32	Northwest San Bernardino Valley	5175	320	106	0	26 (8%)	31.5	--	--	--	--	--	0.004	0.00	--	--
33	I-10 Near Road ^{##}	5035	--	--	--	--	--	--	--	--	--	--	--	--	--	--
33	CA-60 Near Road ^{##+}	5036	--	--	--	--	--	359	44.80	34.50	7 (1.9%)	14.43	--	--	--	--
34	Central San Bernardino Valley 1	5197	43*	75	0	7 (16%)	39.3	120	39.20	26.50	1 (0.8%)	12.04	--	--	43	3.7
34	Central San Bernardino Valley 2 ⁺	5203	356	86	0	35 (10%)	30.9	116	38.20	25.60	1 (0.9%)	11.43	0.010	0.01	59	3.6
35	East San Bernardino Valley	5204	59	77	0	2 (3%)	25.8	--	--	--	--	--	--	--	59	3.2
37	Central San Bernardino Mountains	5181	55	56	0	2 (4%)	17.6	--	--	--	--	--	--	--	55	2.4
38	East San Bernardino Mountains	5818	--	--	--	--	--	49	23.50	23.50	0	5.85	--	--	--	--
DISTRICT MAXIMUM				150	0	194	54.4		85.40	41.3	9	14.43	0.018	0.01		5.2
SOUTH COAST AIR BASIN				144	0	207	54.4		85.40	41.3	15	14.43	0.018	0.01		5.2

* Incomplete data ** Salton Sea Air Basin µg/m³ - Micrograms per cubic meter of air AAM = Annual Arithmetic Mean -- - Pollutant not monitored
 ## Four near-road sites measuring one or more of the pollutants PM2.5, CO and/or NO2 are operating near the following freeways: I-5, I-10, I-710 and CA-60.
 + High PM10 (≥ 155 µg/m³) data recorded in Coachella Valley (due to high winds) and the Basin (due to Independence Day fireworks and high winds) as well as high PM2.5 (>35 µg/m³) due to New Year's Eve and Independence Day fireworks are excluded in accordance with the U.S. EPA Exceptional Event Rule.

e) - PM10 statistics listed above are based on combined Federal Reference Method (FRM) and Federal Equivalent Method (FEM) data.
 f) - State annual average (AAM) PM10 standard is > 20 µg/m³. Federal annual PM10 standard (AAM > 50 µg/m³) was revoked in 2006.
 g) - PM2.5 statistics listed above are for the FRM data only. FEM PM2.5 continuous monitoring instruments were operated at some of the above locations for real-time alerts and forecasting only.
 h) - Both Federal and State standards are annual average (AAM) > 12.0 µg/m³.
 i) - Federal lead standard is 3-months rolling average > 0.15 µg/m³; state standard is monthly average ≥ 1.5 µg/m³. Lead standards were not exceeded.
 j) - State sulfate standard is 24-hour ≥ 25 µg/m³. There is no federal standard for sulfate. Sulfate data is not available at this time.

