

Air Quality Standards Compliance Report

Statistics for June 2002

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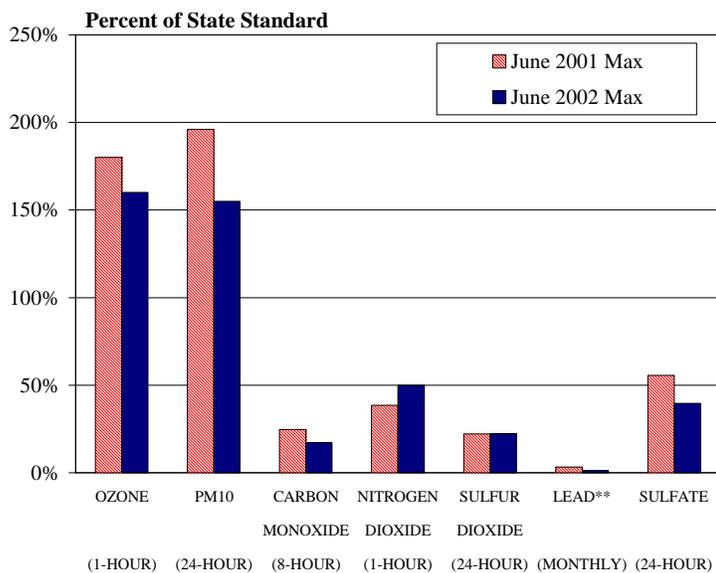
This monthly publication satisfies the requirements for reporting on air quality in the South Coast Air Basin set by California legislation (Chapter 1301, Statutes of 1987; Health and Safety Code Section 40451(d)), and supplies similar information for the areas of the Salton Sea Desert Air Basin served by the District.

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JUNE 2002 AIR QUALITY

Air quality statistics in the South Coast Air Basin and the desert area of Coachella Valley in the Salton Sea Air Basin for June 2002 are shown and summarized in the

following figures and Tables. Figure 1 compares the maximum pollutant concentrations recorded in June 2002 to the maximum concentrations recorded for June 2001. The maxima are shown as percentages of the state ambient air quality standards. Figure 2 shows the maxima as percentages of the federal standards. Table 1 shows the state and federal ambient air quality standards for criteria pollutants, the maximum concentrations recorded in June 2002 and the location where the maximum concentration was recorded. Figure 3 shows the location of the District's air monitoring stations in each source/receptor area. The number of days exceeding the state and federal standards and the maximum concentrations of the pollutants in each source/receptor area during June 2002 are summarized in Table 2.



**Higher lead concentrations were recorded at special monitoring sites located immediately downwind of stationary sources of lead.

Figure 1
Maximum Concentrations as Percentages of State Standards

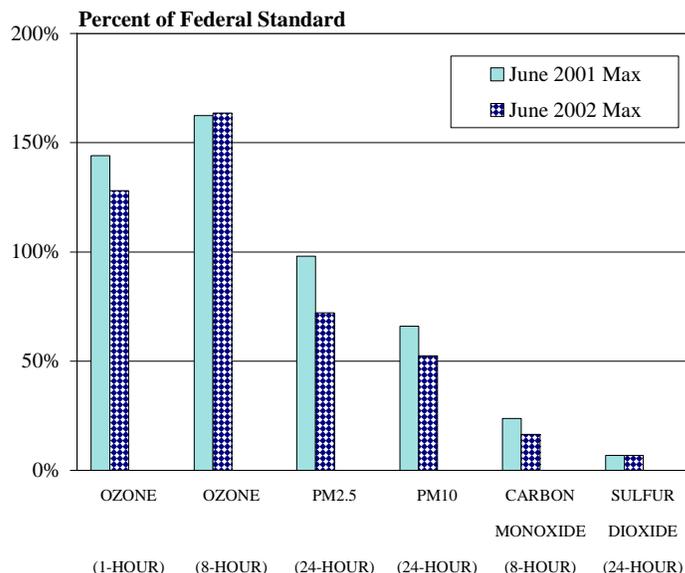


Figure 2
Maximum Concentrations as Percentages of Federal Standards



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Table 1. Maximum Concentrations Reported in June 2002 Compared to the Ambient Air Quality Standards

Pollutant Averaging Time	State Standard	Federal Standard	Maximum Concentrations			Location
			ppm/ ug/m3	% State Standard	% Federal Standard	
Ozone						
1-Hour	> 0.09 ppm	> 0.12 ppm	0.16	160%	128%	Santa Clarita Valley
8-Hour		> 0.08 ppm	0.139		164%	Central San Bernardino Mountains
Carbon Monoxide						
8-Hour	> 9.0 ppm	> 9 ppm	1.57	17%	17%	Pomona/Walnut Valley
Nitrogen Dioxide						
1-Hour	> 0.25 ppm		0.13	50%		Banning Airport
24-Hour			0.066			East San Fernando Valley
Sulfur Dioxide						
1-Hour	> 0.25 ppm		0.07	27%		Central Los Angeles
24-Hour	> 0.04 ppm	> 0.14 ppm	0.010	24%	7%	Central Los Angeles
Particulate (PM10)						
24-Hour	> 50 ug/m3	> 150 ug/m3	79.0	155%	52%	Metropolitan Riverside County
Particulate (PM2.5)						
24-Hour		> 65 ug/m3	47.2		72%	Metropolitan Riverside County
Sulfates						
24-Hour	>= 25 ug/m3		9.9	40%		Soutwest Coastal LA County
Lead*						
30-Day	>= 1.5 ug/m3		0.02	1%		Several Locations
30-Day*			0.27	18%		Central Los Angeles

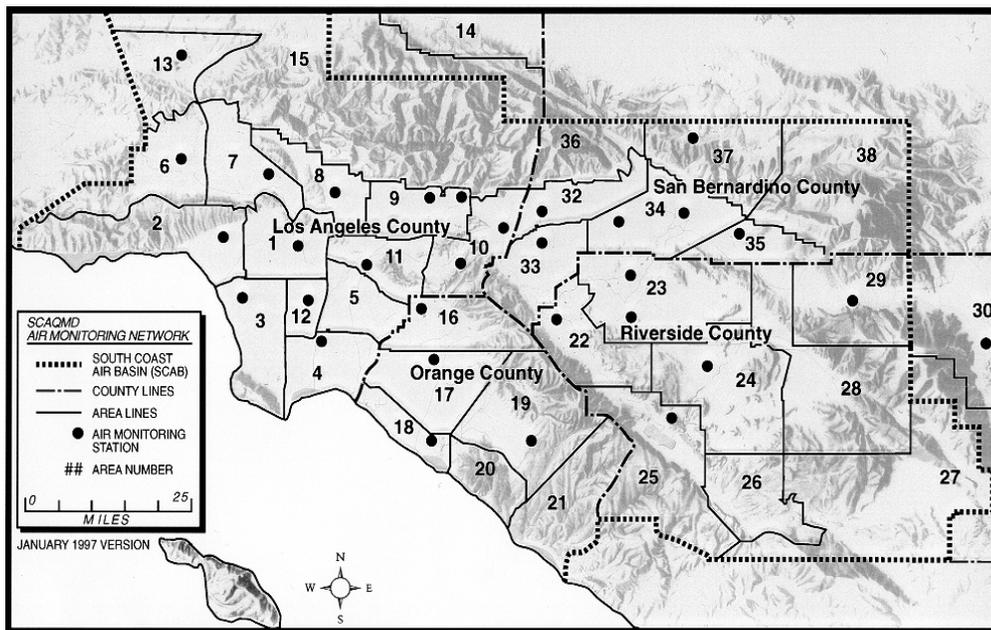


Figure 3
 South Coast Air Basin and Adjoining Areas of Salton Sea and Mojave Desert
 Air Basins and Monitoring Stations

Table 2
June 2002
Exceedances of Standards and Maximum Concentrations

Source/Receptor	Ozone						Carbon Monoxide				Nitrogen Dioxide		Sulfur Dioxide	
	Days Exceeding State Std	Days Exceeding Health Advisory	Days Exceeding Fed Std 1-hr	Days Exceeding Fed Std 8-hr	Max 1-hr ppm	Max 8-hr ppm	Days Exceeding State Std 8-hr/1-hr	Days Exceeding Fed Std 8-hr/1-hr	Max 8-hr ppm	Max 1-hr ppm	Days Exceeding State Std	Max 1-hr ppm	Max 24-hr ppm	Max 1-hr ppm
LOS ANGELES COUNTY														
1 Central LA	087	1	0	0	0.12	0.079	0/0	0/0	1.43	2	0	0.09	0.010	0.07
2 Northwest Coastal LA County	091	0	0	0	0.09	0.075	0/0	0/0	1.14	2	0	0.05		
3 Southwest Coastal LA County	094	0	0	0	0.08	0.068	0/0	0/0	1.00	1	0	0.05	0.008	0.01
4 South Coastal LA County	072	0	0	0	0.08	0.067	0/0	0/0	0.86	1	0	0.05	0.005	0.02
6 West San Fernando Valley	074	9	0	2	0.13	0.108	0/0	0/0	1.00	1	0	0.07		
7 East San Fernando Valley	069	4	0	0	0.12	0.094	0/0	0/0	1.25	2	0	0.10	0.001	0.01
8 West San Gabriel Valley	088	3	0	1	0.13	0.098	0/0	0/0	1.29	2	0	0.08		
9 East San Gabriel Valley 1	060	5	0	1	0.13	0.101	0/0	0/0	1.14	2	0	0.07		
9 East San Gabriel Valley 2	591	11	0	3	0.14	0.111	0/0	0/0	1.13	2	0	0.07		
10 Pomona/Walnut Valley	075	8	0	0	0.12	0.100	0/0	0/0	1.57	2	0	0.09		
11 South San Gabriel Valley	085	1	0	0	0.11	0.079	0/0	0/0	1.00	1	0	0.07		
12 South Central LA County 1	084	0	0	0	0.07	0.053	0/0	0/0	1.29	3	0	0.07		
13 Santa Clarita Valley	090	17	2	10	0.16	0.131	0/0	0/0	1.00	2	0	0.07		
ORANGE COUNTY														
16 North Orange County	3177	1	0	0	0.12	0.079	0/0	0/0	1.00	1	0	0.05		
17 Central Orange County	3176	0	0	0	0.08	0.070	0/0	0/0	1.00	1	0	0.05		
18 North Coastal Orange County	3195	0	0	0	0.08	0.070	0/0	0/0	0.86	1	0	0.03	0.001	0.01
19 Saddleback Valley	3812	1	0	0	0.10	0.075	0/0	0/0	0.57	1				
RIVERSIDE COUNTY														
22 Norco/Corona	4155													
23 Metropolitan Riverside County 1	4144	12	0	1	0.13	0.108	0/0	0/0	1.33	2	0	0.05	0.001	0.01
23 Metropolitan Riverside County 2	4146						0/0	0/0	1.38	2				
24 Perris Valley	4149	13	0	1	0.13	0.109								
25 Lake Elsinore	4158	16	0	2	0.13	0.114	0/0	0/0	0.71	1	0	0.05		
29 Banning Airport	4164	15	0	4	0.14	0.115					0	0.13		
30 Coachella Valley 1**	4137	18	0	0	0.12	0.110	0/0	0/0	0.50	1	0	0.04		
30 Coachella Valley 2**	4157	14	0	0	0.11	0.110								
SAN BERNARDINO COUNTY														
32 Northwest San Bernardino Valley	5175	9	0	1	0.13	0.109	0/0	0/0	1.00	1	0	0.11		
33 Southwest San Bernardino Valley	5817													
34 Central San Bernardino Valley 1	5197	9	0	1	0.13	0.111					0	0.10	0.004	0.01
34 Central San Bernardino Valley 2	5203	8	0	1	0.13	0.108	0/0	0/0	1.14	2	0	0.07		
35 East San Bernardino Valley	5204	12	0	7	0.14	0.118								
37 Central San Bernardino Mountains	5181	21	2	8	0.15	0.139								
District maximum		21	2	10	0.16	0.139	0/0	0/0	1.57	3	0	0.13	0.010	0.07

** Salton Sea air basin

Table 2 - continued
June 2002
Exceedances of Standards and Maximum Concentrations

Source/Receptor	PM10				Lead**		Sulfate		PM2.5		
	No. (%) Days Exceeding State Standard	No. (%) Days Exceeding Federal Standard	Number Days Sampled	Max 24-hr Average	Number Days Sampled	Monthly Average ug/m3	Number Days Sampled	Maximum 24-hr Average ug/m3	Number Days Sampled	Number days Exceeding Federal Standard	Maximum 24-hr Conc. ug/m3
LOS ANGELES COUNTY											
1 Central LA	087	0(0%)	5	47	5	0.02	5	8.5	30	0	45.1
2 Northwest Coastal LA County	091						5	9.5			
3 Southwest Coastal LA County	094	1(20%)	5	58	5	0.01	5	9.9			
4 South Coastal LA County	072	0(0%)	5	44	5	0.01	5	9.2	30	0	27.1
6 West San Fernando Valley	074								10	0	36.0
7 East San Fernando Valley	069	0(0%)	4	43					10	0	37.7
8 West San Gabriel Valley	088						5	8.9	9	0	29.6
9 East San Gabriel Valley 1	060	1(20%)	5	53			5	9.4	29	0	29.3
9 East San Gabriel Valley 2	591										
10 Pomona/Walnut Valley	075										
11 South San Gabriel Valley	085				5	0.02	5	9.8	10	0	27.5
12 South Central LA County 1	084				5	0.01	5	9.6	10	0	28.3
13 Santa Clarita Valley	090	2(40%)	5	53							
ORANGE COUNTY											
16 North Orange County	3177										
17 Central Orange County	3176	0(0%)	5	41					27	0	22.8
18 North Coastal Orange County	3195										
19 Saddleback Valley	3812	0(0%)	5	43					10	0	18.8
RIVERSIDE COUNTY											
22 Norco/Corona	4155	0(0%)	5	49							
23 Metropolitan Riverside County 1	4144	8(80%)	10	79	5	0.01	5	9.5	30	0	47.2
23 Metropolitan Riverside County 2	4146						5	9.6	10	0	40.6
24 Perris Valley	4149	3(60%)	5	59							
25 Lake Elsinore	4158										
29 Banning Airport	4164	0(0%)	4	45							
30 Coachella Valley 1**	4137	0(0%)	5	45					10	0	13.9
30 Coachella Valley 2**	4157	8(89%)	9	71					10	0	16.6
SAN BERNARDINO COUNTY											
32 Northwest San Bernardino Valley	5175				5	0.02	5	7.8			
33 Southwest San Bernardino Valley	5817	1(20%)	5	54					10	0	29.3
34 Central San Bernardino Valley 1	5197	4(80%)	5	62			4	9.0	9	0	32.1
34 Central San Bernardino Valley 2	5203	3(60%)	5	69	5	0.01	5	9.7	10	0	38.5
35 East San Bernardino Valley	5204	5(100%)	5	67							
37 Central San Bernardino Mountains	5181	0(0%)	2	35							
District maximum	8	0		79		0.02		9.9		0	47.2

** Salton Sea air basin

***Special monitoring of lead near stationary sources was carried out in June 2002 and the maximum monthly average was 0.27 ug/m.

