Air Quality Standards Compliance Report (AQSCR)

November/December 2006 *Vol. 19, No. 6*
and Summary Statistics for 2006

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2006 AIR QUALITY

In 2006, the South Coast Air Basin (Basin) continued the trend of long-term improvement in air quality, however, maximum pollutant concentrations still exceeded the state and federal ambient air quality standards for ozone and particulate matter (PM10 and PM2.5) in some areas of the region. In Coachella Valley, comprising the desert areas of Riverside County downwind of the Basin (Salton Sea Air Basin), the standards for ozone and PM10 were exceeded.

(Annual Basin air quality statistics for 2006 are summarized on the "2006 Air Quality" data card mailed recently, which can also be accessed on the Internet at http://www.aqmd.gov/smog/AQSCR2006/aq06card.pdf.)

New Ambient Air Quality Standards

Effective December 17, 2006, U.S. EPA has revised the federal 24-hour PM2.5 standard from 65 µg/m^3 to 35 µg/m^3 and has revoked the annual PM10 standard. U.S. EPA revoked the federal annual PM10 standard, citing a lack of evidence linking health problems to long-term exposure to coarse particle pollution. The state standard (annual average 20 µg/m^3) remains unchanged.

The California Air Resources Board (CARB) has established a new state 8-hour average ozone standard of 0.070 ppm effective May 17, 2006. CARB has also recommended and approved to lower the nitrogen dioxide (NO2) 1-hour state standard to 0.18 ppm and establish a new annual standard of 0.030 ppm. The new NO2 state standards are expected to become effective later in 2007.

On June 21, 2007, U.S EPA proposed to strengthen the federal standards for ozone based on the most recent scientific evidence about the health effects of ozone. The proposal recommends an ozone standard within a range of 0.070 to 0.075 ppm. U.S. EPA is also proposing to revise the "secondary" standard for ozone to improve protection for plants, trees and crops during the growing season. If approved, the new standards are expected to become effective in June 2008.

Maximum Pollutant Concentrations

In 2006, the maximum 8-hour and 1-hour average ozone concentrations in the Basin (0.142 ppm and 0.175 ppm, recorded in the Central San Bernardino Mountains and East San Gabriel Valley areas) were 167% and 140% of the 8-hour and former 1-hour federal standards, respectively. Maximum 24-hour average and annual average PM10 concentrations in the Basin (142 µg/m^3 and 64.0 µg/m^3, recorded in the Central San Bernardino Valley and Metropolitan Riverside County areas) were 94% of the federal 24-hour standard and 125% of the former annual PM10 standards. Maximum 24-hour average PM2.5 concentration (72.2 µg/m^3 recorded in the South

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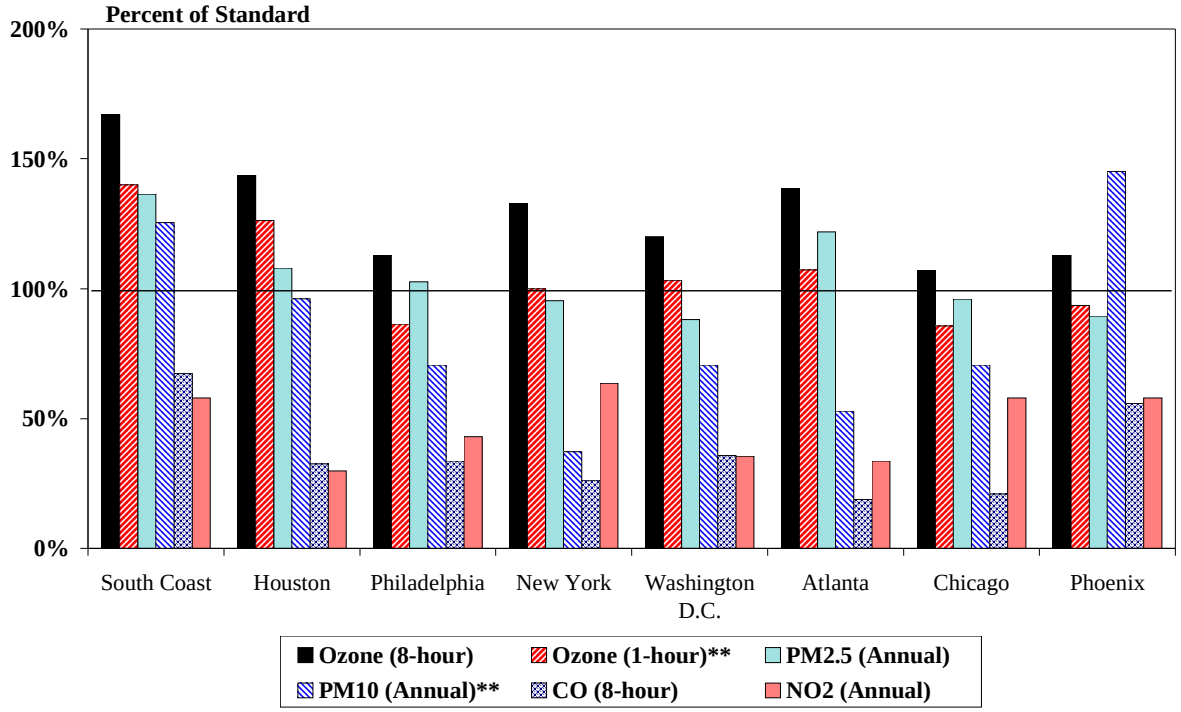
San Gabriel Valley area) was 203% of the new federal 24-hour standard (35 µg/m^3) and 110% of the former standard (65 µg/m^3). Maximum annual average PM2.5 concentration (20.6 µg/m^3 recorded in the Metropolitan Riverside County area) was 136% of the federal annual PM2.5 standard.

Nitrogen dioxide maximum annual average concentration (0.031 ppm recorded in the Northwest San Bernardino Valley area) was 58% of the federal standard. (The annual average concentration was 103% of the proposed new annual state standard for NO2.) Carbon monoxide concentrations have not exceeded the standards in the Basin since 2002. The highest 8-hour average carbon monoxide concentration in 2006 (6.4 ppm, recorded in the South Central Los Angeles County area) was 70% of the federal standard. Sulfur dioxide, sulfate and lead concentrations remained well below the state and federal standards in 2006.

Figure 1 shows the 2006 Basin maximum pollutant concentrations as percentages of the federal standards compared to other metropolitan areas in the U.S. The federal ozone, PM2.5 and PM10 standards, respectively, were exceeded in a number of these large U.S. urban areas. Carbon monoxide and nitrogen dioxide concentrations did not exceed the federal standards in any of the nation's metropolitan areas in 2006.



** Based on the former standards.

Figure 1
Maximum Pollutant Concentrations in 2006 as Percent of Federal Standards
South Coast Air Basin Compared to U.S. Metropolitan Areas

Comparison of Air Quality in Different Areas

Ozone (O_3)

In 2006, the nation's highest maximum 8-hour average ozone concentration was recorded in the Basin. Of the highest U.S. locations in terms of most frequent number of days over the 8-hour federal ozone standard in 2006, 36 locations were in California, with 12 located in the Basin. The area with the highest number of exceedances (61 days) was in Kern County and the area with the second highest number of exceedances (59 days) was located in the Basin. The next area with the greatest number of exceedances outside California was located in Texas (16 days).

The number of exceedances in the Basin varies widely between different areas. Figure 2 shows the number of days on which the 8-hour federal ozone standard was exceeded in different areas of the Basin in 2006. The 8-hour ozone standard was exceeded most frequently in the Basin's Central San Bernardino Mountains. The coastal areas of Los Angeles and Orange Counties recorded no exceedances of the 8-hour federal standard.

Figure 3 shows the number of days that the 1-hour ozone concentration exceeded the former 1-hour federal ozone standard in different areas of the Basin in 2006. The former short-term 1-hour ozone standard was exceeded most frequently in the Santa Clarita Valley area of Los Angeles County. The coastal areas of Los Angeles and Orange Counties, as well as the far eastern portion of the Coachella Valley, recorded no exceedances of the 1-hour federal standard.

Particulate Matter ($PM_{2.5}$)

Figure 4 shows the distribution of annual average PM2.5 concentrations in different areas of the Basin. In 2006, PM2.5 concentrations exceeded the annual standard at almost 50% of the locations monitored. Highest PM2.5 concentrations were recorded in the Metropolitan Riverside County areas extending to the inland valley areas of San Bernardino County. The more stringent state PM2.5 standard was exceeded everywhere in the Basin except the San Bernardino Mountains areas and Coachella Valley areas in the desert portion of the District.

Particulate Matter (PM_{10})

Figure 5 shows the 2006 annual average PM10 concentrations at locations in the Basin. Exceedances of the former PM10 federal standard were limited to the metropolitan portion of Riverside County and Central San Bernardino Valley areas of the Basin and farthest eastern portion of the Coachella Valley in the Salton Sea Air Basin (not shown on the map). The much more stringent state standard, however, was exceeded in all areas of the Basin in 2006.

For more detailed information on recent air quality and long-term trends (through the year 2005), please refer to the Draft Final 2007 AQMP Appendix II "Current Air Quality."

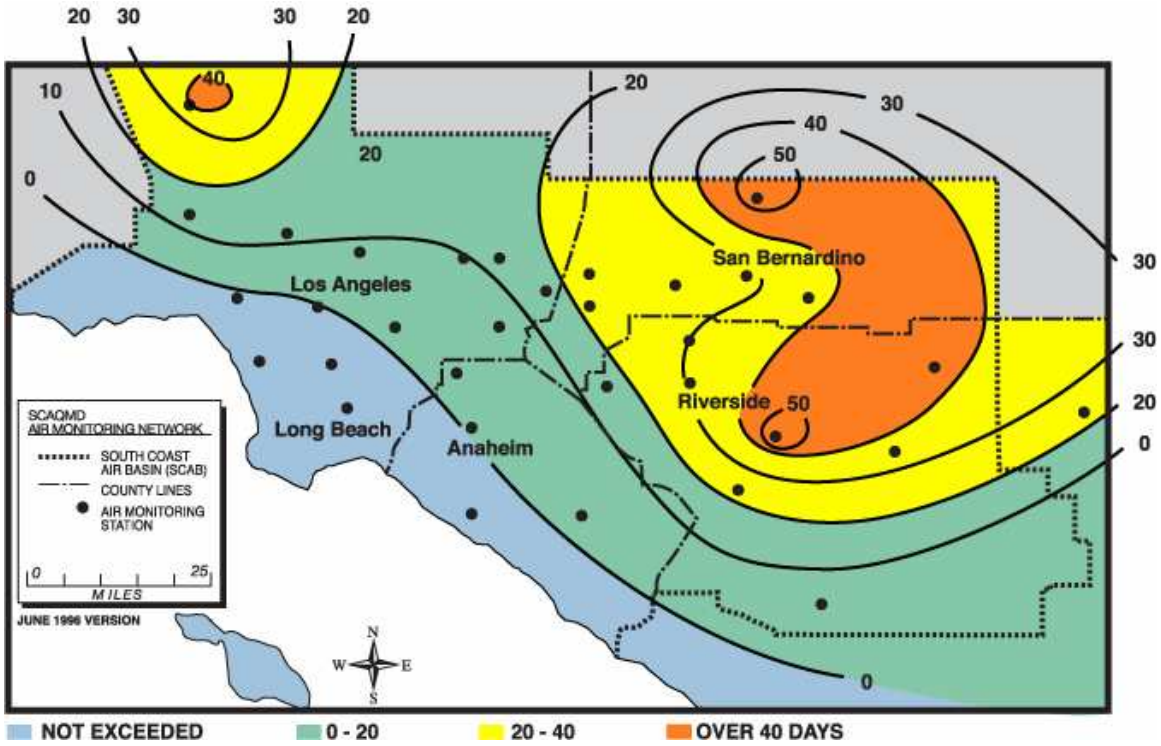


Figure 2
Ozone - 2006
Number of Days Exceeding 8-Hour Federal Standard

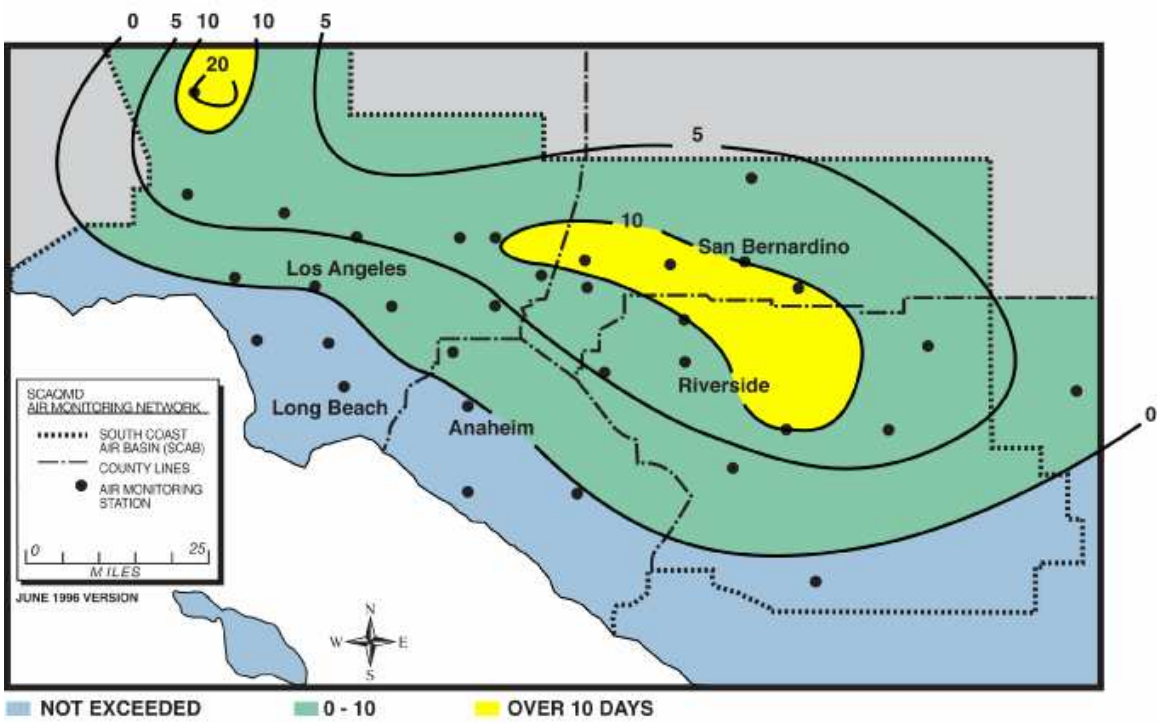


Figure 3
Ozone - 2006
Number of Days Exceeding Former 1-Hour Federal Standard

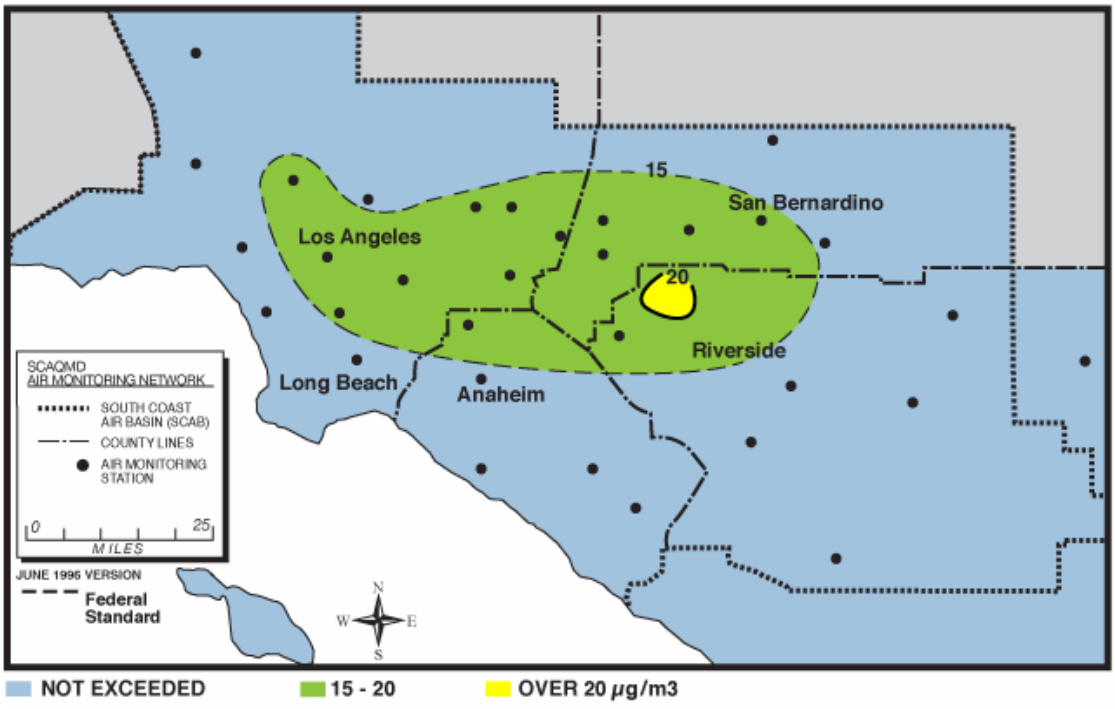


Figure 4
PM2.5 - 2006
Annual Arithmetic Mean, µg/m^3

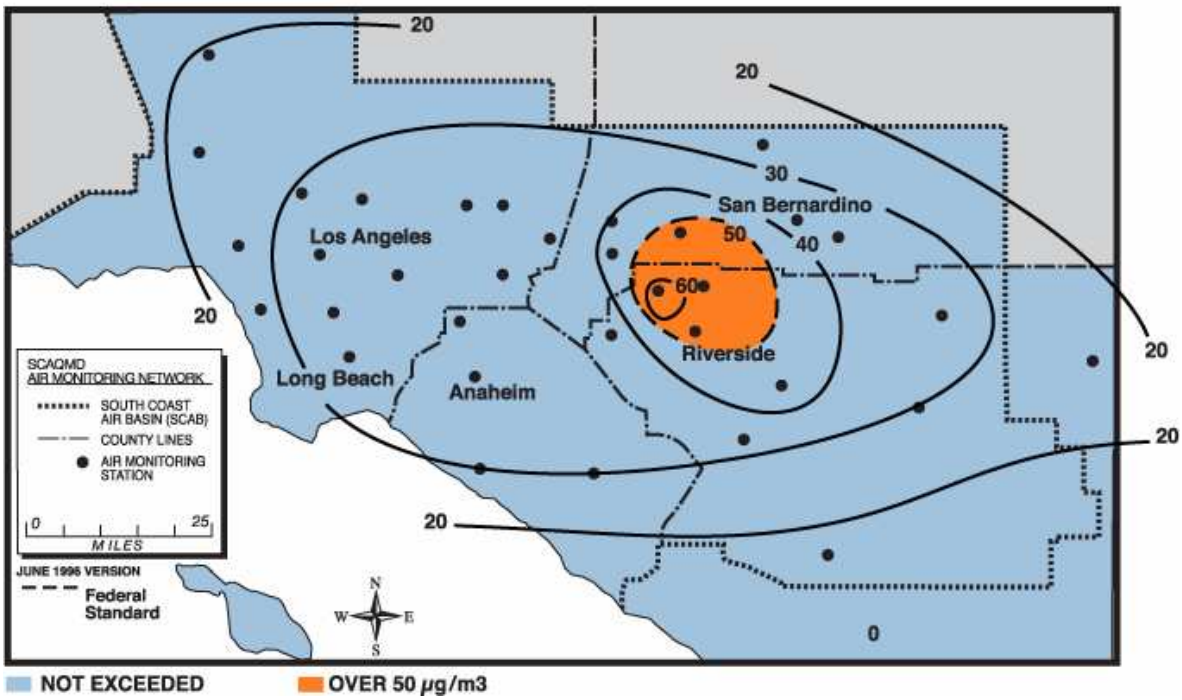


Figure 5
PM10 - 2006
Annual Arithmetic Mean, µg/m^3

This bimonthly 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 Air Basin (Coachella Valley) served by the District.

November and December 2006 Air Quality

Air quality statistics for the South Coast Air Basin and the desert area of Coachella Valley in the Salton Sea Air Basin for the months of November and December are shown and summarized in the following tables.

Table 1 (below) summarizes the maximum concentrations recorded and location of the maximum during November-December 2006. Tables 2 and 3 summarize air quality statistics for the South Coast Air Basin and the desert area of Coachella Valley monitoring areas for the months of November and December. The tables show maximum concentrations of the pollutants in each source/receptor area and number of days on which the locations monitored exceeded federal and/or state standards during the months of November and December 2006. Figure 6 shows the location of the District's air monitoring stations in each source/receptor area.

Please refer to the January/February 2006 issue of the AQSCR for an updated air quality standards table (Table 1).

TABLE 1
MAXIMUM CONCENTRATIONS REPORTED IN NOVEMBER/DECEMBER 2006
COMPARED TO THE AMBIENT AIR QUALITY STANDARDS

Pollutant / Averaging Time	Criteria Pollutants' Air Quality Standards		Maximum Concentrations			
	State	Federal	ppm/ µg/m^3	% State Standard	% Federal Standard	Location
Ozone						
1-Hour	> 0.09 ppm	> 0.12 ppm	0.07	74%	56%	Different Locations
8-Hour	> 0.070 ppm	> 0.08 ppm	0.068	96%	80%	Banning Airport
Particulate (PM2.5)						
24-Hour		> 35 µg/m^3	68.5		193%	Metropolitan Riverside County
Particulate (PM10)						
24-Hour	> 50 µg/m^3	> 150 µg/m^3	125	245%	83%	Perris Valley
Carbon Monoxide						
8-Hour	> 9.0 ppm	> 9 ppm	5.33	59%	56%	South Central Los Angeles County
Nitrogen Dioxide						
1-Hour	> 0.25 ppm		0.14	54%		South Central Los Angeles County
Sulfur Dioxide						
1-Hour	> 0.25 ppm		0.02	8%		South Coastal Los Angeles County, Southwest Coastal Los Angeles County
24-Hour	> 0.04 ppm	> 0.14 ppm	0.010	24%	7%	South Coastal Los Angeles County
Sulfates						
24-Hour	>= 25 µg/m^3		8.7	35%		Southwest Coastal Los Angeles County
Lead*						
30-Day	>= 1.5 µg/m^3		0.03	2%		South San Gabriel Valley

*Higher lead concentrations were recorded at special monitoring sites in the immediate vicinity of major lead sources.

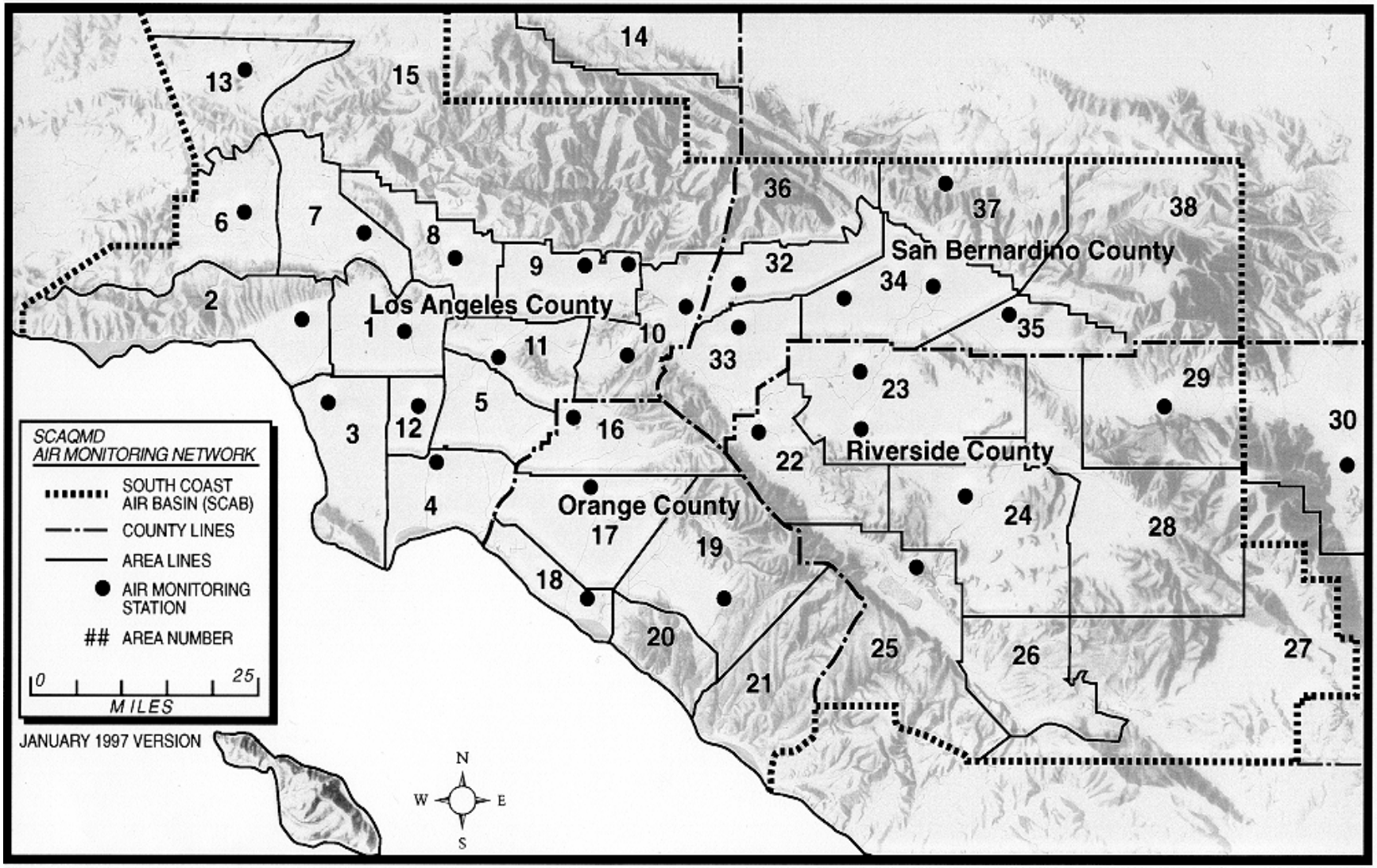


Figure 6
South Coast Air Basin and Adjoining Areas of Salton Sea and Mojave Desert Air Basins and Monitoring Stations

Table 2
November 2006
Exceedances of Standards and Maximum Concentrations

			Ozone							Carbon Monoxide				Nitrogen Dioxide		Sulfur Dioxide	
			No. Days Exceeding							Days Exceeding							
			State Standard[a]		Health	Federal Standard		Max	Max	State Std	Federal Std	Max	Max	Days	Max	Max	Max
No.	Location	Stn. No.	1-hour	8-hour	Advisory	1-hour	8-hour	1-hour ppm	8-hour ppm	8-hr/1-hr	8hr/1-hr	8-hour ppm	1-hour ppm	Exceeding State Std	1-hour ppm	24-hour ppm	1-hour ppm
LOS ANGELES COUNTY																	
1	Central LA	87	0	0	0	0	0	0.05	0.038	0/0	0/0	2.14	3	0	0.11	0.007	0.01
2	Northwest Coastal LA County	91	0	0	0	0	0	0.06	0.048	0/0	0/0	1.75	3	0	0.07		
3	Southwest Coastal LA County	820	0	0	0	0	0	0.06	0.054	0/0	0/0	2.30	3	0	0.10	0.006	0.02
4	South Coastal LA County 1	72	0	0	0	0	0	0.05	0.037	0/0	0/0	2.14	3	0	0.09	0.003	0.01
4	South Coastal LA County 2	77															
6	West San Fernando Valley	74	0	0	0	0	0	0.07	0.046	0/0	0/0	3.00	4	0	0.07		
7	East San Fernando Valley	69	0	0	0	0	0	0.06	0.043	0/0	0/0	3.00	3	0	0.08	0.001	0.00
8	West San Gabriel Valley	88	0	0	0	0	0	0.06	0.045	0/0	0/0	2.75	3	0	0.12		
9	East San Gabriel Valley 1	60	0	0	0	0	0	0.05	0.045	0/0	0/0	1.29	2	0	0.11		
9	East San Gabriel Valley 2	591	0	0	0	0	0	0.05	0.046	0/0	0/0	2.00	2	0	0.10		
10	Pomona/Walnut Valley	75	0	0	0	0	0	0.06	0.040	0/0	0/0	1.88	3	0	0.09		
11	South San Gabriel Valley	85	0	0	0	0	0	0.06	0.040	0/0	0/0	2.29	3	0	0.10		
12	South Central LA County	84	0	0	0	0	0	0.06	0.044	0/0	0/0	4.43	5	0	0.14		
13	Santa Clarita Valley	90	0	0	0	0	0	0.06	0.047	0/0	0/0	1.00	2	0	0.08		
ORANGE COUNTY																	
16	North Orange County	3177	0	0	0	0	0	0.07	0.048	0/0	0/0	3.00	4	0	0.08		
17	Central Orange County	3176	0	0	0	0	0	0.07	0.048	0/0	0/0	2.00	3	0	0.07		
18	North Coastal Orange County	3195	0	0	0	0	0	0.06	0.050	0/0	0/0	2.14	3	0	0.08	0.001	0.01
19	Saddleback Valley	3812	0	0	0	0	0	0.07	0.055	0/0	0/0	1.00	1				
RIVERSIDE COUNTY																	
22	Norco/Corona	4155															
23	Metropolitan Riverside County 1	4144	0	0	0	0	0	0.06	0.048	0/0	0/0	2.14	3	0	0.07	0.001	0.01
23	Metropolitan Riverside County 2	4146								0/0	0/0	2.00	3				
23	Mira Loma	5214	0	0	0	0	0	0.07	0.050	0/0	0/0	2.10	3	0	0.07		
24	Perris Valley	4149	0	0	0	0	0	0.07	0.052								
25	Lake Elsinore	4158	0	0	0	0	0	0.07	0.062	0/0	0/0	1.00	1	0	0.07		
29	Banning Airport	4164	0	0	0	0	0	0.07	0.068					0	0.07		
30	Coachella Valley 1**	4137	0	0	0	0	0	0.07	0.056	0/0	0/0	1.00	1	0	0.09		
30	Coachella Valley 2**	4157	0	0	0	0	0	0.07	0.055								
SANBERNARDINO COUNTY																	
32	Northwest San Bernardino Valley	5175	0	0	0	0	0	0.06	0.047	0/0	0/0	1.75	2	0	0.10		
33	Southwest San Bernardino Valley	5817															
34	Central San Bernardino Valley 1	5197	0	0	0	0	0	0.05	0.046	0/0	0/0	2.00	2	0	0.09	0.001	0.01
34	Central San Bernardino Valley 2	5203	0	0	0	0	0	0.06	0.045	0/0	0/0	2.29	3	0	0.09		
35	East San Bernardino Valley	5204	0	0	0	0	0	0.06	0.047								
37	Central San Bernardino Mountain	5181	0	0	0	0	0	0.06	0.055								
38	Big Bear Lake	5818															
	District maximum		0	0	0	0	0	0.07	0.068	0/0	0/0	4.43	5	0	0.14	0.007	0.02

a) New 8-hour average state ozone standard of 0.07 ppm has been established effective May 17, 2006.

** Salton Sea Air Basin.

Table 2 (continued)
November 2006
Exceedances of Standards and Maximum Concentrations

No.	Location	Stn. No.	PM10				Lead		Sulfate		PM2.5			
			No. (%) Days Exceeding									Number of Days Exceeding Federal Standard[b]		
			State Standard	Federal Standard	Number Days Sampled	Max 24-hour Average µg/m3	Number Days Sampled	Monthly Average µg/m3	Number Days Sampled	Max 24-hour Average µg/m3	Number Days Sampled	> 35 µg/m3	>65 µg/m3	Max 24-hour Average µg/m3
LOS ANGELES COUNTY														
1	Central LA	87	0(0%)	0(0%)	4	31	5	0.01	5	6.4	25	1	0	45.7
2	Northwest Coastal LA County	91							5	5.1				
3	Southwest Coastal LA County	820	0(0%)	0(0%)	4	35	5	0.00	5	6.6				
4	South Coastal LA County 1	72	0(0%)	0(0%)	5	42	5	0.01	5	7.1	24	0	0	28.4
4	South Coastal LA County 2	77	2(50%)	0(0%)	4	54	5	0.01	5	7.7	25	0	0	35.3
6	West San Fernando Valley	74									5	0	0	24.8
7	East San Fernando Valley	69	0(0%)	0(0%)	4	43					9	1	0	43.4
8	West San Gabriel Valley	88							5	4.8	10	0	0	28.8
9	East San Gabriel Valley 1	60	0(0%)	0(0%)	5	49			4	5.7	28	3	0	52.8
9	East San Gabriel Valley 2	591												
10	Pomona/Walnut Valley	75												
11	South San Gabriel Valley	85					5	0.03	5	6.2	10	1	0	43.1
12	South Central LA County	84					5	0.02	5	7.0	7	0	0	26.4
13	Santa Clarita Valley	90	0(0%)	0(0%)	4	34								
ORANGE COUNTY														
16	North Orange County	3177												
17	Central Orange County	3176	2(50%)	0(0%)	4	56					21	1	0	44.0
18	North Coastal Orange County	3195												
19	Saddleback Valley	3812	0(0%)	0(0%)	3	22					5	0	0	25.7
RIVERSIDE COUNTY														
22	Norco/Corona	4155	2(67%)	0(0%)	3	71								
23	Metropolitan Riverside County 1	4144	5(56%)	0(0%)	9	85	4	0.00	4	6.2	22	6	0	54.4
23	Metropolitan Riverside County 2	4146					5	0.01	5	6.0	10	1	0	48.2
23	Mira Loma	5214	5(100%)	0(0%)	5	111					8	1	0	49.0
24	Perris Valley	4149	3(60%)	0(0%)	5	125								
25	Lake Elsinore	4158												
29	Banning Airport	4164	0(0%)	0(0%)	5	44								
30	Coachella Valley 1**	4137	0(0%)	0(0%)	4	33					9	0	0	13.4
30	Coachella Valley 2**	4157	4(50%)	0(0%)	8	66					9	0	0	16.3
SANBERNARDINO COUNTY														
32	Northwest San Bernardino Valley	5175					5	0.01	5	5.6				
33	Southwest San Bernardino Valley	5817	2(40%)	0(0%)	5	68					6	1	0	41.5
34	Central San Bernardino Valley 1	5197	4(80%)	0(0%)	5	101			5	6.1	7	1	0	42.6
34	Central San Bernardino Valley 2	5203	2(40%)	0(0%)	5	83	5	0.01	5	4.9	9	1	0	43.1
35	East San Bernardino Valley	5204	1(20%)	0(0%)	5	79								
37	Central San Bernardino Mountain	5181	0(0%)	0(0%)	5	32								
38	Big Bear Lake	5818									5	1	0	40.1
	District maximum		5	0		125		0.03		7.7		6	0	54.4

b) U.S. EPA has revised the 24-hour federal standard level for PM2.5 from 65 µg/m^3 to 35 µg/m^3, effective December 17, 2006.

** Salton Sea Air Basin

Table 3
December 2006
Exceedances of Standards and Maximum Concentrations

No.	Location	Stn. No.	Ozone							Carbon Monoxide				Nitrogen Dioxide		Sulfur Dioxide	
			No. Days Exceeding							Days Exceeding							
			State Standard[a]		Health Advisory	Federal Standard		Max 1-hour ppm	Max 8-hour ppm	State Std	Federal Std	Max 8-hour ppm	Max 1-hour ppm	Days Exceeding State Std	Max 1-hour ppm	Max 24-hour ppm	Max 1-hour ppm
			1-hour	8-hour		1-hour	8-hour			8-hr/1-hr	8hr/1-hr						
LOS ANGELES COUNTY																	
1	Central LA	87	0	0	0	0	0	0.04	0.030	0/0	0/0	2.38	3	0	0.07	0.007	0.01
2	Northwest Coastal LA County	91	0	0	0	0	0	0.04	0.037	0/0	0/0	2.00	3	0	0.08		
3	Southwest Coastal LA County	820	0	0	0	0	0	0.05	0.044	0/0	0/0	2.10	3	0	0.08	0.005	0.02
4	South Coastal LA County 1	72	0	0	0	0	0	0.04	0.033	0/0	0/0	3.14	4	0	0.08	0.010	0.02
4	South Coastal LA County 2	77															
6	West San Fernando Valley	74	0	0	0	0	0	0.04	0.040	0/0	0/0	3.38	5	0	0.06		
7	East San Fernando Valley	69	0	0	0	0	0	0.04	0.036	0/0	0/0	3.50	4	0	0.08	0.001	0.00
8	West San Gabriel Valley	88	0	0	0	0	0	0.04	0.036	0/0	0/0	2.63	3	0	0.07		
9	East San Gabriel Valley 1	60	0	0	0	0	0	0.04	0.038	0/0	0/0	1.71	2	0	0.08		
9	East San Gabriel Valley 2	591	0	0	0	0	0	0.04	0.040	0/0	0/0	2.00	2	0	0.06		
10	Pomona/Walnut Valley	75	0	0	0	0	0	0.04	0.033	0/0	0/0	2.14	3	0	0.07		
11	South San Gabriel Valley	85	0	0	0	0	0	0.04	0.033	0/0	0/0	2.71	3	0	0.07		
12	South Central LA County	84	0	0	0	0	0	0.05	0.038	0/0	0/0	5.33	7	0	0.10		
13	Santa Clarita Valley	90	0	0	0	0	0	0.05	0.042	0/0	0/0	1.00	2	0	0.06		
ORANGE COUNTY																	
16	North Orange County	3177	0	0	0	0	0	0.04	0.038	0/0	0/0	2.86	6	0	0.09		
17	Central Orange County	3176	0	0	0	0	0	0.05	0.042	0/0	0/0	2.88	3	0	0.11		
18	North Coastal Orange County	3195	0	0	0	0	0	0.05	0.046	0/0	0/0	3.00	3	0	0.10	0.003	0.01
19	Saddleback Valley	3812	0	0	0	0	0	0.05	0.043	0/0	0/0	1.75	2				
RIVERSIDE COUNTY																	
22	Norco/Corona	4155															
23	Metropolitan Riverside County 1	4144	0	0	0	0	0	0.05	0.043	0/0	0/0	2.14	3	0	0.08	0.003	0.01
23	Metropolitan Riverside County 2	4146								0/0	0/0	2.25	4				
23	Mira Loma	5214	0	0	0	0	0	0.05	0.047	0/0	0/0	2.70	4	0	0.06		
24	Perris Valley	4149	0	0	0	0	0	0.05	0.043								
25	Lake Elsinore	4158	0	0	0	0	0	0.05	0.046	0/0	0/0	1.00	1	0	0.05		
29	Banning Airport	4164	0	0	0	0	0	0.05	0.050					0	0.05		
30	Coachella Valley 1**	4137	0	0	0	0	0	0.05	0.041	0/0	0/0	1.00	2	0	0.05		
30	Coachella Valley 2**	4157	0	0	0	0	0	0.06	0.040								
SANBERNARDINO COUNTY																	
32	Northwest San Bernardino Valley	5175	0	0	0	0	0	0.05	0.038	0/0	0/0	1.63	2	0	0.07		
33	Southwest San Bernardino Valley	5817															
34	Central San Bernardino Valley 1	5197	0	0	0	0	0	0.05	0.050	0/0	0/0	2.00	3	0	0.07	0.002	0.01
34	Central San Bernardino Valley 2	5203	0	0	0	0	0	0.05	0.040	0/0	0/0	2.14	3	0	0.07		
35	East San Bernardino Valley	5204	0	0	0	0	0	0.05	0.040								
37	Central San Bernardino Mountain	5181	0	0	0	0	0	0.05	0.050								
38	Big Bear Lake	5818															
	District maximum		0	0	0	0	0	0.06	0.050	0/0	0/0	5.33	7	0	0.11	0.010	0.02

a) New 8-hour average state ozone standard of 0.07 ppm has been established effective May 17, 2006.

** Salton Sea Air Basin.

Table 3 (continued)
December 2006
Exceedances of Standards and Maximum Concentrations

No.	Location	Stn. No.	PM10				Lead		Sulfate		PM2.5			
			No. (%) Days Exceeding		Number Days Sampled	Max 24-hour Average µg/m3	Number Days Sampled	Monthly Average µg/m3	Number Days Sampled	Max 24-hour Average µg/m3	Number Days Sampled	Number of Days Exceeding Federal Standard[b]		Max 24-hour Average µg/m3
			State Standard	Federal Standard								> 35 µg/m3	>65 µg/m3	
LOS ANGELES COUNTY														
1	Central LA	87	0(0%)	0(0%)	5	37	6	0.01	6	3.3	22	0	0	35.1
2	Northwest Coastal LA County	91							6	3.6				
3	Southwest Coastal LA County	820	0(0%)	0(0%)	6	38	6	0.01	6	8.7				
4	South Coastal LA County 1	72	2(33%)	0(0%)	6	78	6	0.01	6	5.2	11	0	0	26.5
4	South Coastal LA County 2	77	3(50%)	0(0%)	6	92	6	0.01	6	6.3	27	1	0	38.0
6	West San Fernando Valley	74									7	1	0	44.1
7	East San Fernando Valley	69	2(50%)	0(0%)	4	71					8	1	0	44.5
8	West San Gabriel Valley	88							6	1.9	10	0	0	30.0
9	East San Gabriel Valley 1	60	0(0%)	0(0%)	6	30			6	2.4	16	1	0	35.6
9	East San Gabriel Valley 2	591												
10	Pomona/Walnut Valley	75												
11	South San Gabriel Valley	85					6	0.02	6	3.4	10	1	0	36.5
12	South Central LA County	84					6	0.02	6	4.9	8	1	0	41.0
13	Santa Clarita Valley	90	0(0%)	0(0%)	6	28								
ORANGE COUNTY														
16	North Orange County	3177												
17	Central Orange County	3176	3(50%)	0(0%)	6	95					28	1	0	52.5
18	North Coastal Orange County	3195												
19	Saddleback Valley	3812	0(0%)	0(0%)	6	37					8	0	0	19.1
RIVERSIDE COUNTY														
22	Norco/Corona	4155	2(33%)	0(0%)	6	64								
23	Metropolitan Riverside County 1	4144	8(73%)	0(0%)	11	83	6	0.01	6	2.3	14	1	1	68.5
23	Metropolitan Riverside County 2	4146					6	0.01	6	1.8	6	0	0	31.3
23	Mira Loma	5214	5(83%)	0(0%)	6	73					10	0	0	29.0
24	Perris Valley	4149	1(17%)	0(0%)	6	80								
25	Lake Elsinore	4158												
29	Banning Airport	4164	0(0%)	0(0%)	5	15								
30	Coachella Valley 1**	4137	0(0%)	0(0%)	5	19					10	0	0	13.3
30	Coachella Valley 2**	4157	7(64%)	0(0%)	11	78					10	0	0	19.6
SANBERNARDINO COUNTY														
32	Northwest San Bernardino Valley	5175					6	0.01	6	2.0				
33	Southwest San Bernardino Valley	5817	2(33%)	0(0%)	6	73					9	0	0	31.8
34	Central San Bernardino Valley 1	5197	1(17%)	0(0%)	6	77			6	2.0	10	0	0	29.2
34	Central San Bernardino Valley 2	5203	1(33%)	0(0%)	3	56	6	0.01	6	1.5	6	0	0	18.3
35	East San Bernardino Valley	5204	0(0%)	0(0%)	6	28								
37	Central San Bernardino Mountain	5181	0(0%)	0(0%)	6	41								
38	Big Bear Lake	5818									5	0	0	31.4
	District maximum		8	0		95		0.02		8.7		1	1	68.5

b) U.S. EPA has revised the 24-hour federal standard level for PM2.5 from 65 µg/m^3 to 35 µg/m^3, effective December 17, 2006.