## Air Quality Standards Compliance Report (AQSCR)

Statistics for September/October 2009

Vol. 22, No. 5

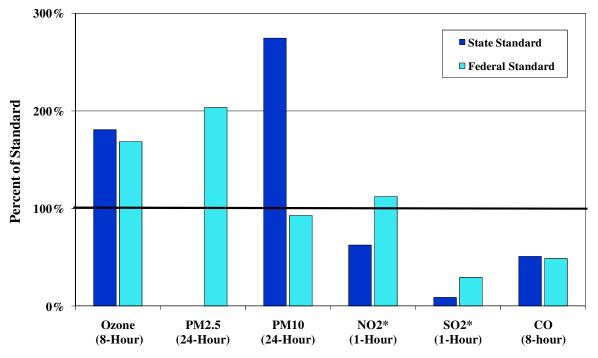
Published November 2011

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 September and October are shown and summarized in the following tables.

Figure 1 (below) shows the 2009 year-to-date (through October) maximum pollutants concentrations in the District (Basin and Coachella Valley) as percent of the current state and federal standards. Figure 2 shows the location of the District's air monitoring stations in each source/receptor area. Tables 1 and 2 summarize monthly air quality statistics for the South Coast Air Basin and the desert area of Coachella Valley monitoring areas during the months of September and October 2009. 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. 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.

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For information on the current state and federal ambient air quality standards please refer to the Table 1 of the January/February 2009 issue of the AQSCR.



\*Based on the recently established federal standards effective in 2010.

## Figure 1 January-October 2009 Air Quality Maximum Concentrations as Percent of Standards



South Coast Air Quality Management District 21865 Copley Drive, Diamond Bar, CA 91765-4182 http://www.aamd.gov

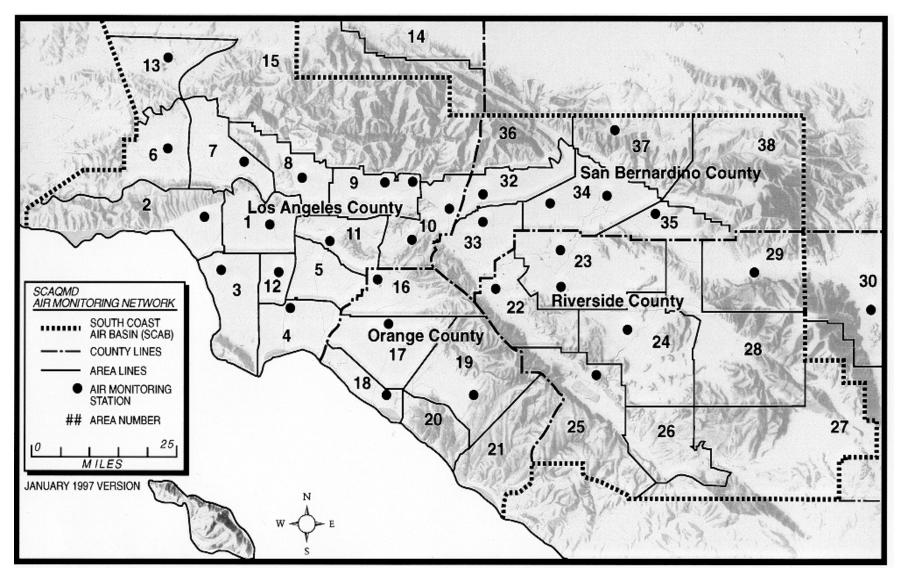


Figure 2 South Coast Air Basin and Adjoining Areas of Salton Sea and Mojave Desert Air Basins and Monitoring Stations

Table 1
September 2009
Exceedances of Standards and Maximum Concentrations

						Ozone				Carbon Mo	onoxide	Nitrogen Dioxide		Sulfur Dioxide			
Source		Station	<u>Stan</u> 1-hour	<u>ate</u> I <u>dard</u> 8-hour	Days Exce Health <u>Advisory</u> 1-hour	Old 1-hour	Federal Standard 8-hour	Max	Max	Days Exceeding State/	Max	Days Exceeding State/ Federal	Max	Days Exceeding State/ Federal	Max	Max 24-hour	
Recept No.	Location	Station No.	> 0.09 ppm	> 0.070 ppm	>= 0.15 ppm	> 0.124 ppm	> 0.075 ppm	1-hour ppm	8-hour ppm	<u>Federal</u> Standard	8-hour ppm	Standard <sup>a)</sup>	1-hour ppb	Standard <sup>b)</sup>	1-hour ppb	24-nour ppm	
	NGELES COUNTY	110.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Standard	ppm	Standard -	ppb	Standard -	ppb	ppm	
1	Central LA	87	1	0	0	0	0	0.12	0.070	0/0	1.71	0/1	103	0/0	4	0.001	
2	Northwest Coastal LA County	91	0	0	0	0	0	0.09	0.066	0/0	1.43	0/0	64	070	- 1	0.001	
3	Southwest Coastal LA County	820	0	0	0	0	0	0.08	0.061	0/0	1.29	0/0	65	0/0	7	0.001	
4	South Coastal LA County 1	72	0	0	0	0	0	0.07	0.055	0/0	1.00	0/0	70	0/0	9	0.002	
4	South Coastal LA County 2	77	Ū	Ū	0	Ū	0	0.07	0.000	0,0	100	0,0		0,0	-	0.002	
6	West San Fernando Valley	74	5	8	0	0	5	0.12	0.095	0/0	1.29	0/0	55				
7	East San Fernando Valley	69	5	6	0	0	3	0.10	0.081	0/0	1.43	0/0	68	0/0	2	0.001	
8	West San Gabriel Valley	88	3	6	0	0	2	0.11	0.086	0/0	1.00	0/0	72	0,0	_		
9	East San Gabriel Valley 1	60	6	7	0	1	4	0.13	0.091	0/0	1.00	0/0	66				
9	East San Gabriel Valley 2	591	11	12	0	1	11	0.14	0.105	0/0	1.00	0/0	60				
10	Pomona/Walnut Valley	75	6	9	0	0	4	0.11	0.093	0/0	1.29	0/0	83				
11	South San Gabriel Valley	85	2	2	0	0	1	0.11	0.080	0/0	1.00	0/0	96				
12	South Central LA County	112	0	0	0	0	0	0.08	0.065	0/0	1.71	0/0	70				
13	Santa Clarita Valley	90	11	13	0	2	12	0.13	0.098	0/0	1.43	0/0	48				
ORAN	IGE COUNTY																
16	North Orange County	3177	1	2	0	0	1	0.11	0.080	0/0	1.29	0/0	67				
17	Central Orange County	3176	0	0	0	0	0	0.09	0.065	0/0	1.29	0/0	60				
18	North Coastal Orange County	3195	0	0	0	0	0	0.08	0.063	0/0	0.86	0/0	42	0/0	3	0.001	
19	Saddleback Valley	3812	2	4	0	0	2	0.12	0.092	0/0	0.63	- , -		- / -			
RIVE	SIDE COUNTY			-	•		-	-			-	I	-				
22	Norco/Corona	4155															
23	Metropolitan Riverside County 1	4144	3	9	0	0	6	0.11	0.087	0/0	1.17	0/0	63	0/0	3	0.001	
23	Metropolitan Riverside County 2	4146	0	-	0	Ū	0	0.11	01007	0/0	1.17	0/0	64	0,0	U	0.001	
23	Mira Loma	4165	2	6	0	0	4	0.10	0.082	0/0	1.00	0/0	58				
24	Perris Valley	4149	5	9	0	0	6	0.12	0.087	-,		0,0					
25	Lake Elsinore	4158	2	9	0	0	1	0.10	0.080	0/0	0.57	0/0	50				
29	Banning Airport	4164	4	9	0	0	5	0.11	0.092	-, -		0/0	56				
30	Coachella Valley 1**	4137	0	2	0	0	1	0.09	0.083	0/0	0.29	0/0	30				
30	Coachella Valley 2**	4157	0	0	0	0	0	0.08	0.066	,		,					
SANB	ERNARDINO COUNTY			-			-		-		-		-				
32	Northwest San Bernardino Valley	5175	9	13	0	0	12	0.12	0.102	0/0	1.00	0/2	113				
33	Southwest San Bernardino Valley	5817										- /					
34	Central San Bernardino Valley 1	5197	8	12	0	0	10	0.12	0.092	0/0	1.14	0/0	73	0/0	2	0.001	
34	Central San Bernardino Valley 2	5203	7	14	0	0	10	0.12	0.097	0/0	1.00	0/0	55	- / -	-		
35	East San Bernardino Valley	5204	5	11	0	0	9	0.11	0.092	.,.		.,.					
37	Central San Bernardino Mountains	5181	7	15	0	1	12	0.13	0.108								
38	East San Bernardino Mountains	5818															
	District Maximum		15	11	0	2	12	0.14	0.108	0/0	1.71	0/2	113	0/0	9	0.002	
** C 1	Sea Air Basin		-0		5	-	÷ <b>La</b>	V.1 1	0.100	0/0	1.1 1	0/ <i>L</i>	110	0/0	,	0.002	

\*\* Salton Sea Air Basin.
a) U.S. EPA has established a new 1-hour NO2 standard of 100 ppb, effective April 12, 2010.
b) U.S. EPA has established a new 1-hour SO2 standard of 75 ppb, effective August 23, 2010.

## Table 1 (continued) September 2009 Exceedances of Standards and Maximum Concentrations

Source/ Receptor         Station No. (%) Days Extex Eding Number Mark State         Mark Federal Part Part Part Part Part Part Part Part				PM10					PM2.5		Lea	d*	Sulfate	
Receptor         Station         Station         Station         Static         Fandard         Sampled         Jayn         Average standard         Dayn         Average standard         Sampled         yg/m3         Sampled<									Days Exceeding					
No.         Standard         Standard         Sampled         pg/m3         Sampled         pg/m3         Sampled         pg/m3         Sampled         pg/m3           LOS         ANGCLUS COUNTY         87         0(%)         0(%)         5         45         30         1         36.3         5         0.02         5         7.6           2         Northvest Cosstal LA County         91         0(%)         0(%)         5         3.6         29         0         2.79         5         0.00         5         8.6           4         South Cosstal LA County         77         0(%)         0(%)         5         7.6         2.9         0         2.79         5         0.01         5         7.9           6         WestSan Fernando Valley         64         240%         0(%)         5         7.4         10         1         3.6.3         5         0.01         5         7.6           7         East San Cabriel Valley         89         0         3.4.4         5         0.02         5         7.8           10         Pomona/ Waintv Valley         75         5         6         -         -         5         6.0           12 </td <td></td>														
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$						5							5	U
1       Central LA       87       0(0%)       91       90       90       1       36.3       1       36.3       5       0.02       5       7.6         2       Northwest Cosstal LA County       820       0(0%)       00%)       5       3.6       29       0       27.9       5       0.00       5       8.6         4       South Coastal LA County 1       72       0(0%)       0(0%)       5       3.6       29       0       27.9       5       0.01       5       7.9         6       West San Fernando Valley       74       0       4       3.5       7.6       2.8       0       3.4.4       -       -       -       6       0       1.5.5       -       7.9       0       2.9.2       5       6.0       0       1.5       -			No.	Standard	Standard	Sampled	µg/m3	Sampled	35 µg/m3	µg/m3	Sampled	µg/m3	Sampled	μg/m3
			07	0(00/)	0(00()	_	45	20	1	26.2	-	0.02	-	<b>P</b> (
3         Southwest Coastal I.A County         820         0(0%)         00%)         5         27				0(0%)	0(0%)	5	45	30	1	36.3	5	0.02		
4       South Coastal LA County 1       72       00%       00%       5       36       29       0       27.9       5       0.01       5       7.9         6       West San Fernando Valley       74       00%       5       7.6       28       0       35.4       5       0.01       5       9.0         7       East San Fernando Valley       69       2(40%)       00%       5       7.6       28       0       34.4       7         8       West San Cabriel Valley       69       0       29.2       5       6.0         9       East San Cabriel Valley       73       7       10       1       36.5       0.02       5       7.8         10       South San Cabriel Valley       73       9       0       30.4       5       0.02       5       7.8         11       South San Cabriel Valley       90       10.2%       00%       5       56       7       7       7       7         12       South Central LA County       317       00%       5       40       26       0       15.8       7       9         13       South Central Carita Valley       3175       00%       00%				0(0%)	0(09/)	E	27				E	0.00		
4       South Cassal LA County 2       77       0(0%)       0(0%)       4       35       30       0       25.9       5       0.01       5       9.0         6       West San Fernando Valley       74        6       0       15.5        5       0.01       5       9.0         8       West San Gabriel Valley       68       (00%)       5       76       28       0       34.4        5       6.00         9       0.34.4       10       1       36.5        5       7.9       6.00       30.4       5       0.02       5       7.8         9       East San Gabriel Valley       85        9       0       30.4       5       0.02       5       7.8         11       South San Gabriel Valley       90       1(20%)       0(0%)       5       56								20	0	27.0	-			
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$					· · ·	-					-		-	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				0(078)	0(0 %)	4	35				5	0.01	5	9.0
8       West San Gabriel Valley'1       88				2(409/)	0(0%)	E	76							
9       East San Gabriel Valley 1       60       4(80%)       0(0%)       5       74       10       1       36.5       5       7.9         9       East San Gabriel Valley       951       5       74       10       1       36.5       5       7.9         10       Pormon/Walnut Valley       85       9       0       30.4       5       0.02       5       7.8         11       South San Gabriel Valley       85       9       0       30.4       5       0.02       5       7.8         12       South Central LA County       112       9       0       30.4       5       0.02       5       7.8         16       North Orange County       3176       0(0%)       5       40       26       0       15.8       16       16       17       18       18       100%       0(0%)       5       35       10       0       13.5       17       12       100%       11       77       26       0       29.0       5       0.01       5       5.9         19       Saddleback Valley       4144       7(64%)       0(0%)       5       74       15       0       19.3       14       12<				2(40 %)	0(0 %)	5	70						E	6.0
9       East San Gabriel Valley 2       591         10       Pomon //Walnut Valley       75         11       South Central LA County       112         12       South Central LA County       112         13       Santa Clarite Valley       90       1(20%)       0(0%)       5       56         ORANCE COUNTY         16       North Conge County       3176       0(0%)       0(0%)       5       40       26       0       15.8	-			4/000/)	0(09/)	-	74	-	-					
				4(00 %)	0(0 %)	5	74	10	1	30.3			5	7.9
11       South San Gabriel Valley       85       9       0       30.4       5       0.02       5       7.8         12       South Central LA County       112       112       00       1(20%)       0(0%)       5       56														
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								0	0	20.4	F	0.02	F	7.0
13         Santa Clarita Valley         90         1(20%)         0(0%)         5         56         UNIX           0RANCE COUNTY         3177         - <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>9</td><td>0</td><td>50.4</td><td>5</td><td>0.02</td><td>5</td><td>7.0</td></t<>								9	0	50.4	5	0.02	5	7.0
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$				1(200/)	0(09/)	F	56							
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			90	1(2076)	0(0 %)		- 36			-		-		
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18North Coastal Orange County 193195 3812 $0(0\%)$ $0(0\%)$ $5$ $35$ $10$ $0$ $13.5$ $10$ $0$ $13.5$ <b>RIVERSIDE COUNTY</b> $120\%$ $0(0\%)$ $5$ $62$ $120\%$ $11$ $77$ $26$ $0$ $29.0$ $5$ $0.01$ $5$ $5.9$ 23Metropolitan Riverside County 1 $4144$ $7(64\%)$ $0(0\%)$ $5$ $62$ $$				2 ( 2 2 ( )	0 (00())	_	10		0					
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$				0(0%)	0(0%)	5	40	26	0	15.8				
RIVERSIDE COUNTY415 $(20\%)$ $0(0\%)$ 56222Norco/Corona4155 $1(20\%)$ $0(0\%)$ 56223Metropolitan Riverside County 14144 $7(64\%)$ $0(0\%)$ 11 $77$ 26029.050.0155.923Metropolitan Riverside County 24146500.0%57415019.355.324Perris Valley4149 $2(40\%)$ $0(0\%)$ 55329Baning Airport4164 $1(20\%)$ $0(0\%)$ 59929Baning Airport4164 $1(20\%)$ $0(0\%)$ 54210013.2				2 ( 2 2 ( )	0 (00())	_		10	0					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			3812	0(0%)	0(0%)	5	35	10	0	13.5				-
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$														
23       Metropolitan Riverside County 2       4146       5       0       20.6       5       0.01       5       5.3         23       Mira Loma       4165       5(100%)       0(0%)       5       74       15       0       19.3 <td></td> <td></td> <td></td> <td>· · ·</td> <td></td>				· · ·										
23       Mira Loma       4165       5(100%)       0(0%)       5       74       15       0       19.3         24       Perris Valley       4149       2(40%)       0(0%)       5       53       - <td></td> <td></td> <td></td> <td>7(64%)</td> <td>0(0%)</td> <td>11</td> <td>77</td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td>				7(64%)	0(0%)	11	77				-			
24       Perris Valley       4149       2(40%)       0(0%)       5       53		1 2						-			5	0.01	5	5.3
25       Lake Elsinore       4158       4164       1(20%)       0(0%)       5       99       99         30       Coachella Valley 1**       4137       0(0%)       00%)       5       42       10       0       13.2       10.5 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>15</td> <td>0</td> <td>19.3</td> <td></td> <td></td> <td></td> <td></td>								15	0	19.3				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				2(40%)	0(0%)	5	53							
30       Coachella Valley 1**       4137       0(0%)       0(0%)       5       42       10       0       13.2         30       Coachella Valley 2**       4157       1(10%)       0(0%)       10       79       9       0       10.5         SANBERNARDINO COUNTY       5       4157       1(10%)       0(0%)       5       70       7       0       28.3         32       Northwest San Bernardino Valley       5175       5       70       7       0       28.3														
30       Coachella Valley 2**       4157       1(10%)       0(0%)       10       79       9       0       10.5         SANBERNARDINO COUNTY														
SANBERNARDINO COUNTY         5         6.2           32         Northwest San Bernardino Valley         5175         5         0.01         5         6.2           33         Southwest San Bernardino Valley         5817         2(40%)         0(0%)         5         70         7         0         28.3         5         6.2           34         Central San Bernardino Valley 1         5197         4(80%)         0(0%)         5         75         10         0         32.7         5         6.7           34         Central San Bernardino Valley 2         5203         4(80%)         0(0%)         5         63         8         0         19.9         5         0.01         5         5.3           35         East San Bernardino Valley 2         5204         0(0%)         5         47         -														
32       Northwest San Bernardino Valley       5175       5       0.01       5       6.2         33       Southwest San Bernardino Valley       5817       2(40%)       0(0%)       5       70       7       0       28.3       28.3       5       6.2         34       Central San Bernardino Valley 1       5197       4(80%)       0(0%)       5       75       10       0       32.7       5       6.7         34       Central San Bernardino Valley 2       5203       4(80%)       0(0%)       5       63       8       0       19.9       5       0.01       5       5.3         35       East San Bernardino Valley       5204       0(0%)       00%       5       47       -		,	4157	1(10%)	0(0%)	10	79	9	0	10.5				
33       Southwest San Bernardino Valley       5817       2(40%)       0(0%)       5       70       7       0       28.3         34       Central San Bernardino Valley 1       5197       4(80%)       0(0%)       5       75       10       0       32.7       5       6.7         34       Central San Bernardino Valley 2       5203       4(80%)       0(0%)       5       63       8       0       19.9       5       0.01       5       5.3         35       East San Bernardino Valley       5204       0(0%)       00%       5       47       - <td>SAN</td> <td></td>	SAN													
34       Central San Bernardino Valley 1       5197       4(80%)       0(0%)       5       75       10       0       32.7       5       6.7         34       Central San Bernardino Valley 2       5203       4(80%)       0(0%)       5       63       8       0       19.9       5       0.01       5       5.3         35       East San Bernardino Valley       5204       0(0%)       0(0%)       5       47       7       7       Central San Bernardino Mountains       5181       1(25%)       0(0%)       4       57       7       7       7       7       7       7       7       7       5       0       20.7       7 <td></td> <td>5</td> <td>0.01</td> <td>5</td> <td>6.2</td>											5	0.01	5	6.2
34       Central San Bernardino Valley 2       5203       4(80%)       0(0%)       5       63       8       0       19.9       5       0.01       5       5.3         35       East San Bernardino Valley       5204       0(0%)       0(0%)       5       47       7       6       7       7       7       7       7       125%       0(0%)       4       57       7	33		5817		0(0%)			-		28.3				
35       East San Bernardino Valley       5204       0(0%)       0(0%)       5       47         37       Central San Bernardino Mountains       5181       1(25%)       0(0%)       4       57         38       East San Bernardino Mountains       5818        5       0       20.7	34			4(80%)	0(0%)									
37         Central San Bernardino Mountains         5181         1(25%)         0(0%)         4         57           38         East San Bernardino Mountains         5818         5         0         20.7	34			4(80%)	· · ·	5		8	0	19.9	5	0.01	5	5.3
38   East San Bernardino Mountains   5818   5   0   20.7	35	East San Bernardino Valley												
	37	Central San Bernardino Mountains	5181	1(25%)	0(0%)	4	57							
District Maximum         7         0         99         1         36.5         0.02         9.0	38	East San Bernardino Mountains	5818					5	0	20.7				
		District Maximum		7	0		99		1	36.5		0.02		9.0

\*Higher lead concentrations were recorded at special monitoring sites adjacent to sources. Data is not available at this time. \*\*Salton Sea Air Basin.

Table 2
October 2009
Exceedances of Standards and Maximum Concentrations

						Ozone				Carbon Mo	onoxide	Nitrogen Dioxide		Sulfur Dioxide			
Source/ Recepte No.		Station No.	Stan	No. ate idard 8-hour > 0.070 ppm	Days Excer Health <u>Advisory</u> 1-hour >= 0.15 ppm	eding Old 1-hour > 0.124 ppm	Federal Standard 8-hour > 0.075 ppm	Max 1-hour ppm	Max 8-hour ppm	Days Exceeding State/ <u>Federal</u> Standard	Max 8-hour ppm	Days Exceeding State/ <u>Federal</u> Standard <sup>a)</sup>	Max 1-hour ppb	Days Exceeding State/ <u>Federal</u> Standard <sup>b)</sup>	Max 1-hour ppb	Max 24-hour ppm	
	NGELES COUNTY		11		11								11.		11		
1	Central LA	87	0	0	0	0	0	0.07	0.057	0/0	1.63	0/0	73	0/0	7	0.001	
2	Northwest Coastal LA County	91	1	0	0	0	0	0.10	0.058	0/0	1.14	0/0	57	- / -			
3	Southwest Coastal LA County	820	0	0	0	0	0	0.08	0.062	0/0	1.57	0/0	67	0/0	6	0.001	
4	South Coastal LA County 1	72	0	0	0	0	0	0.07	0.051	0/0	1.43	0/0	88	0/0	6	0.002	
4	South Coastal LA County 2	77								,		,		,			
6	West San Fernando Valley	74	0	0	0	0	0	0.08	0.065	0/0	1.43	0/0	70				
7	East San Fernando Valley	69	0	1	0	0	0	0.09	0.073	0/0	1.86	0/0	75	0/0	2	0.001	
8	West San Gabriel Valley	88	0	0	0	0	0	0.08	0.067	0/0	1.00	0/0	64				
9	East San Gabriel Valley 1	60	0	1	0	0	0	0.09	0.075	0/0	1.00	0/0	62				
9	East San Gabriel Valley 2	591	1	2	0	0	2	0.10	0.081	0/0	1.00	0/0	45				
10	Pomona/Walnut Valley	75	0	0	0	0	0	0.09	0.066	0/0	1.29	0/0	83				
11	South San Gabriel Valley	85	0	0	0	0	0	0.09	0.066	0/0	1.14	0/0	66				
12	South Central LA County	112	0	0	0	0	0	0.07	0.057	0/0	2.71	0/0	90				
13	Santa Clarita Valley	90	0	2	0	0	0	0.08	0.073	0/0	0.71	0/0	46				
ORAN	GE COUNTY																
16	North Orange County	3177	0	0	0	0	0	0.09	0.065	0/0	1.57	0/0	63				
17	Central Orange County	3176	0	0	0	0	0	0.08	0.065	0/0	2.00	0/0	67				
18	North Coastal Orange County	3195	0	0	0	0	0	0.08	0.062	0/0	1.14	0/0	56	0/0	4	0.002	
19	Saddleback Valley	3812	0	1	0	0	0	0.09	0.073	0/0	0.63						
RIVER	SIDE COUNTY			-	•		-	-			-		-				
22	Norco/Corona	4155															
23	Metropolitan Riverside County 1	4144	0	0	0	0	0	0.09	0.070	0/0	1.14	0/0	59	0/0	4	0.002	
23	Metropolitan Riverside County 2	4146								0/0	1.29	0/0	64				
23	Mira Loma	4165	0	0	0	0	0	0.08	0.062	0/0	1.33	0/0	64				
24	Perris Valley	4149	0	2	0	0	1	0.09	0.078								
25	Lake Elsinore	4158	0	1	0	0	0	0.09	0.073	0/0	1.00	0/0	47				
29	Banning Airport	4164	0	2	0	0	0	0.09	0.075			0/0	54				
30	Coachella Valley 1**	4137	0	0	0	0	0	0.08	0.068	0/0	0.17	0/0	39				
30	Coachella Valley 2**	4157	0	0	0	0	0	0.08	0.066								
SANB	ERNARDINO COUNTY			-			-	-	-		-		-				
32	Northwest San Bernardino Valley	5175	1	2	0	0	1	0.10	0.077	0/0	1.00	0/0	56				
33	Southwest San Bernardino Valley	5817															
34	Central San Bernardino Valley 1	5197	0	1	0	0	1	0.09	0.076	0/0	1.00	0/0	63	0/0	3	0.001	
34	Central San Bernardino Valley 2	5203	0	1	0	0	1	0.09	0.080	0/0	1.00	0/0	53				
35	East San Bernardino Valley	5204	1	1	0	0	1	0.10	0.082								
37	Central San Bernardino Mountains	5181	0	2	0	0	1	0.09	0.084								
38	East San Bernardino Mountains	5818															
	District Maximum	ſ	1	2	0	0	2	0.10	0.084	0/0	2.71	0/0	90	0	7	0.002	

\*\* Salton Sea Air Basin.
a) U.S. EPA has established a new 1-hour NO2 standard of 100 ppb, effective April 12, 2010.
b) U.S. EPA has established a new 1-hour SO2 standard of 75 ppb, effective August 23, 2010.

## Table 2 (continued) October 2009 **Exceedances of Standards and Maximum Concentrations**

			PM10					PM2.5		Lead*		Sulfate	
			No. (%			Max		Number of Days Exceeding	Max				Max
Sour		<b>6</b> • • •		ding_	Number		Number	Federal	24-hour	Number	Monthly	Number	24-hour
Rece		Station	State	Federal	Days	Average	Days	Standard>	Average	Days	Average*	Days	Average
No.		No.	Standard	Standard	Sampled	µg/m3	Sampled	35 µg/m3	µg/m3	Sampled	µg/m3	Sampled	µg/m3
1	ANGELES COUNTY Central LA	87	1(209/)	0(0%)	5	62	31	0	28.6	5	0.01	5	4.6
2	Northwest Coastal LA County	91	1(20%)	0(0 %)	5	62	51	0	20.0	5	0.01	5	4.6
3	Southwest Coastal LA County	820	1(20%)	0(0%)	5	52				5	0.00	5	4.0
4	South Coastal LA County 1	72	0(0%)	0(0%)	5	50	14	0	16.7	5	0.00	5	6.2
4	South Coastal LA County 1 South Coastal LA County 2	72	1(20%)	0(0%)	5	78	30	0	18.0	4	0.01	4	8.1
6	West San Fernando Valley	74	1(2070)	0(070)	5	70	9	0	14.0	1	0.01	1	0.1
7	East San Fernando Valley	69	2(50%)	0(0%)	4	58	24	0	26.7				
8	West San Gabriel Valley	88	2(3070)	0(070)	т	50	11	0	16.4			5	4.0
9	East San Gabriel Valley 1	60	0(0%)	0(0%)	5	48	6	0	16.7			4	4.4
9	East San Gabriel Valley 2	591	0(070)	0(070)	5	40	0	0	10.7			Ŧ	1.1
10	Pomona/Walnut Valley	75											
11	South San Gabriel Valley	85					11	0	31.7	5	0.01	5	5.9
11	South Central LA County	112					11	0	51.7	5	0.01	5	5.7
13	Santa Clarita Valley	90	0(0%)	0(0%)	4	45							
		70	0(070)	0(070)	- <u>-</u>	-15			-		-		-
16	North Orange County	3177											
16			0(09/)	0(09/)	4	40	24	0	19.9				
	Central Orange County	3176 3195	0(0%)	0(0%)	4	40	24	0	19.9				
18 19	North Coastal Orange County		0(09/)	0(09/)	4	27	11	0	12.4				
	Saddleback Valley	3812	0(0%)	0(0%)	4	27	11	0	12.4		-		
	ERSIDE COUNTY	4455	0(00())	0(00()	_	10							
22	Norco/Corona	4155	0(0%)	0(0%)	5	49	24	0	22.0		0.00		0.1
23	Metropolitan Riverside County 1	4144	3(27%)	0(0%)	11	56	26	0	32.9	4	0.00	4	3.1
23	Metropolitan Riverside County 2	4146	2(100())	0(00()	-	70	11	0	25.8	5	0.01	5	4.4
23	Mira Loma	4165	2(40%)	0(0%)	5	72	14	0	22.6				
24	Perris Valley	4149	2(40%)	0(0%)	5	80							
25	Lake Elsinore	4158	0(00())	0(00()	_								
29	Banning Airport	4164	0(0%)	0(0%)	5	35	11	0	0.0				
30	Coachella Valley 1**	4137	0(0%)	0(0%)	5	33	11	0	8.3				
30	Coachella Valley 2**	4157	1(9%)	0(0%)	11	53	11	0	9.3				
	BERNARDINO COUNTY									_	0.01	_	
32	Northwest San Bernardino Valley	5175	0(00()	0(00())	_	•		0	25.0	5	0.01	5	4.2
33	Southwest San Bernardino Valley	5817	0(0%)	0(0%)	5	38	11	0	25.9			_	
34	Central San Bernardino Valley 1	5197	0(0%)	0(0%)	5	49	11	0	25.3	-	0.01	5	5.2
34	Central San Bernardino Valley 2	5203	0(0%)	0(0%)	5	47	10	0	24.6	5	0.01	5	4.7
35	East San Bernardino Valley	5204	0(0%)	0(0%)	5	41							
37	Central San Bernardino Mountains	5181	0(0%)	0(0%)	3	25	-	C.	4/5				
38	East San Bernardino Mountains	5818			-		5	0	16.3		-		
	District Maximum		3	0		80		0	32.9		0.01		8.1

\*Higher lead concentrations were recorded at special monitoring sites immediately adjacent to the lead sources. \*\*Salton Sea Air Basin.