

**TABLE 4.5-19
LAKE COUNTY AIR BASIN CRITERIA AIR POLLUTANT CONCENTRATIONS,
1992-1996**

Pollutant	State Standard ^c	Monitoring Data by Year ^a				
		1992	1993	1994	1995	1996
<u>Ozone:</u>						
Highest 1-hr. average, ppm ^b	0.09	0.08	0.08	0.09	0.07	0.09
Number of exceedances		0	0	0	0	0
<u>Particulate Matter (PM-10):</u>						
Highest 24-hr. avg., $\mu\text{g}/\text{m}^3$ ^b <u>Lakeport</u>	50	22	30	21	30	26
Exceedances/Samples ^d		0/58	0/61	0/61	0/61	0/61
Annual Geometric Mean, $\mu\text{g}/\text{m}^3$	30	11.1	9.9	10.1	9.6	9.1
<u>Highest 24-hr. avg., $\mu\text{g}/\text{m}^3$^b And. Spr.^e</u>	<u>50</u>	<u>29</u>	<u>29</u>	<u>26</u>	<u>45</u>	<u>36</u>
<u>Exceedances/Samples^d</u>		<u>0/61</u>	<u>0/61</u>	<u>0/45</u>	<u>0/60</u>	<u>0/59</u>
<u>Annual Geometric Mean, $\mu\text{g}/\text{m}^3$</u>	<u>30</u>	<u>10.7</u>	<u>9.5</u>	<u>11.9</u>	<u>12.5</u>	<u>10.8</u>
<u>Highest 24-hr. avg., $\mu\text{g}/\text{m}^3$^b Glenbrook^e</u>	<u>50</u>	<u>18</u>	<u>18</u>	<u>14</u>	<u>24</u>	<u>26</u>
<u>Exceedances/Samples^d</u>		<u>0/61</u>	<u>0/61</u>	<u>0/45</u>	<u>0/60</u>	<u>0/59</u>
<u>Annual Geometric Mean, $\mu\text{g}/\text{m}^3$</u>	<u>30</u>	<u>5.6</u>	<u>95.4</u>	<u>6.6</u>	<u>5.8</u>	<u>5.8</u>
<u>Hydrogen Sulfide (H₂S):</u>						
Highest 1-hr. average, ppm						
(Anderson Springs station)	0.03	0.01	0.01	0.01	0.01	0.01
(Glenbrook - High Valley Road station)	0.03	0.01	0.02	0.01	0.03	0.01
(Hobergs - Pine Summit station)	0.03	0.01	0.01	0.01	0.05	0.01

^a Data for ozone and PM-10 are from the air quality monitoring station in Lakeport. The hydrogen sulfide data are listed with the applicable monitoring station.

^b ppm = parts per million; $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter.

^c State standards for ozone and PM-10 are not to be exceeded; the state standard for hydrogen sulfide is not to be equaled or exceeded.

^d PM-10 is usually measured every sixth day (rather than continuously like the other pollutants). For PM-10, "exceedances/samples" indicates the number of exceedances of the state standard that occurred in a given year and the total number of samples that were taken that year.

^e Data from LCAQMD.

SOURCE: California Air Resources Board, *California Air Quality Data*, 1992, 1993, 1994, 1995, and 1996.