

# Ozone

## Number of Days Exceeding Federal and State Standards

San Diego County • 1998-2002

Station	Number of Days Exceeding Federal 1-Hour Standard Concentration > 12 pphm					Number of Days Exceeding State 1-Hour Standard Concentration > 9 pphm					Maximum 1-Hour Concentration (pphm)					Date of Maximum 1-Hour Concentration				
	02	01	00	99	98	02	01	00	99	98	02	01	00	99	98	02	01	00	99	98
Chula Vista	0	0	0	0	0	1	2	0	4	2	12	10	9	11	10	9/1	9/30	4/30	4/19	7/26
El Cajon	0	0	0	0	1	2	3	5	3	14	10	12	11	10	13	8/9	5/8	4/25	2/28	8/30
Oceanside	-	0	0	0	0	-	1	1	0	3	-	10	10	9	11	-	9/29	3/14	4/18	7/6
Kearny Mesa	0	1	0	0	1	3	9	5	3	4	11	14	12	10	13	9/21	9/30	9/12	3/1	8/29
Del Mar	0	0	0	0	0	1	0	0	1	1	10	9	9	11	10	9/21	9/30	3/14	9/30	7/16
Escondido	0	1	0	0	0	2	4	6	1	9	10	14	12	10	12	9/1	9/30	9/16	8/25	7/26
Alpine	0	1	0	0	8	13	22	19	21	47	12	14	12	12	16	6/6	5/8	4/26	6/13	7/16
Downtown San Diego	0	0	0	0	0	0	1	1	0	1	9	10	12	9	10	9/21	9/30	9/12	2/28	8/29
Otay Mesa	0	0	0	0	0	2	0	2	1	0	11	9	8	10	9	9/1	9/30	3/14	4/15	7/16
Camp Pendleton	0	0	0	0	0	0	2	0	1	9	9	11	11	10	11	5/12	9/29	4/26	10/10	7/6
Basinwide	0	2	0	0	9	15	29	24	27	54	12	14	12	12	16	6/6	9/30	9/16	6/13	7/16

# Carbon Monoxide

## Maximum 1-Hour and 8-Hour Average Concentrations

San Diego County • 1998-2002

Station	Maximum 1-Hour Average Concentration (ppm) State Standard > 20 ppm Federal Standard > 35 ppm					Date of Maximum 1-Hour Average Concentration					Maximum 8-Hour Average Concentration (ppm) State Standard > 9.0 ppm Federal Standard > 9 ppm					Date of Maximum 8-Hour Average Concentration				
	02	01	00	99	98	02	01	00	99	98	02	01	00	99	98	02	01	00	99	98
Chula Vista	4.3	5.6	5.8	5.4	4.1	2/13	12/20	11/28	9/29	12/11	2.6	4.7	3.1	2.8	2.7	2/27	12/20	12/31	11/30	11/26
El Cajon	-	-	-	5.8	5.2	-	-	-	1/6	2/18	-	-	-	-	4.1	-	-	-	1/7	12/25
Oceanside	-	-	-	2.8	3.2	-	-	-	1/2	12/8	-	-	-	-	2.3	-	-	-	1/2	12/28
Kearny Mesa	-	-	-	3.0	5.6	-	-	-	1/4	1/27	-	-	-	-	2.8	-	-	-	1/3	12/30
Curbside (Downtown SD)	8.2	6.0	6.9	7.1	7.0	2/7	1/3	1/14	12/18	1/8	3.6	4.8	4.4	6.0	4.6	2/23	12/7	1/15	12/18	12/12
Escondido	8.5	8.5	9.3	9.9	10.2	1/21	2/5	11/20	1/5	1/26	3.9	5.1	4.9	5.3	4.5	1/21	1/5	11/21	12/18	1/8
Downtown San Diego	5.0	7.0	7.2	7.1	7.7	1/7	2/23	1/14	11/29	12/17	3.5	4.9	4.6	4.6	4.8	2/23	2/24	1/14	12/18	12/27
Otay Mesa	8.4	6.2	8.8	9.0	5.4	1/11	1/19	1/13	1/4	12/8	4.7	3.9	5.9	4.9	4.0	1/11	12/6	1/14	12/19	11/26

- Monitoring discontinued

# Nitrogen Dioxide

## Annual Average and Maximum 1-Hour Concentration

San Diego County • 1998-2002

Station	Annual Average Federal Standard .053 ppm					Maximum 1-Hour Concentration (ppm) State Standard > .25 ppm					Date of Maximum 1-Hour Concentration				
	02	01	00	99	98	02	01	00	99	98	02	01	00	99	98
Chula Vista	.018	.017	.017	.019	.018	.093	.071	.072	.100	.104	11/6	10/16	12/4	9/29	12/30
El Cajon	.020	.022	.022	.024	.020	.085	.078	.076	.091	.110	11/6	10/15	1/14	11/12	12/30
Oceanside	–	.016	.017	.019	.016	–	.096	.114	.133	.087	–	2/3	1/13	1/14	12/11
Kearny Mesa	.019	.019	.021	.023	.021	.080	.095	.098	.101	.080	2/26	3/19	1/13	10/21	12/29
Escondido	.021	.020	.021	.023	.018	.084	.088	.083	.100	.092	2/27	11/20	11/28	3/1	10/23
Alpine	.013	.014	.015	.015	.012	.068	.067	.073	.079	.071	1/8	11/21	1/5	11/29	7/17
Downtown San Diego	.022	.020	.024	.026	.023	.102	.098	.117	.122	.094	11/20	1/3	9/12	11/29	1/26
Camp Pendleton	.013	.013	.014	.014	.012	.109	.092	.117	.157	.085	2/21	2/3	12/5	10/20	1/26
Otay Mesa	.021	.021	.020	.023	.022	.126	.148	.112	.172	.132	10/8	9/27	12/7	11/2	12/30

# Sulfur Dioxide

San Diego County • 1998-2002

Station	Annual Average in pphm Federal Standard 3 pphm					Maximum 24-Hour Average Federal Standard 14 pphm State Standard 5 pphm					Maximum 3-Hour Average Federal Standard 50 pphm					Maximum 1-Hour Concentration in pphm State Standard 25 pphm				
	02	01	00	99	98	02	01	00	99	98	02	01	00	99	98	02	01	00	99	98
Chula Vista	0.4	0.3	0.3	0.3	0.3	1.2	1.4	1.0	1.9	2.0	2.8	3.6	3.0	4.7	6.5	4.4	4.9	4.5	8.4	14.9
Downtown San Diego	0.3	0.3	0.4	0.2	0.3	0.7	1.0	1.0	.08	1.1	1.5	3.6	2.9	2.5	3.7	2.8	5.2	3.8	3.9	4.0
Otay Mesa	0.4	0.4	0.4	0.3	0.3	0.9	1.1	1.1	1.3	1.0	1.6	3.9	3.4	6.1	4.1	2.0	6.0	5.8	8.1	5.4

# Particulate Matter ( PM10 )

San Diego County • 1998-2002

Station	Annual Arithmetic Average Federal Standard 50 µg/m3* State Standard 20 µg/m3					Highest 24-Hour Concentration Federal Standard 150 µg/m3** State Standard 50 µg/m3					Date of Highest 24-Hour Concentration				
	02	01	00	99	98	02	01	00	99	98	02	01	00	99	98
Chula Vista	27	28	28	30	22	50	64	52	59	39	12/4	1/1	11/26	12/8	4/29
El Cajon	35	37	31	34	26	61	84	69	60	54	6/19	1/1	12/2	12/8	12/25
Oceanside	–	–	–	–	21	–	–	–	–	36	–	–	–	–	11/19
Kearny Mesa	24	26	27	27	22	47	40	55	56	36	12/4	10/16	5/12	7/13	7/16
Escondido	27	31	30	30	24	51	74	65	52	51	9/5	1/1	12/2	12/8	10/8
Downtown San Diego	35	31	34	33	26	85	66	65	69	48	12/4	1/1	12/2	1/6	11/19
Otay Mesa	55	49	46	52	43	130	107	139	121	89	11/28	9/28	11/26	2/23	7/16

– Monitoring discontinued

\* Not to exceed 50 µg/m3 for a three-year average

\*\* Not to exceed 150 µg/m3 for a three-year average of annual 99th percentile

# Particulate Matter ( PM 2.5 )

San Diego County • 1998-2002

Station	Annual Average Federal Standard 15 µg/m3* State Standard 12 µg/m3					Highest 24-Hour Concentration Federal Standard 65 µg/m3**					Date of Highest 24-Hour Concentration				
	02	01	00	99	98	02	01	00	99	98	02	01	00	99	98
Chula Vista	13.9	15.5	13.1	15.1	–	41.0	41.0	40.5	47.1	–	1/2	1/1	12/23	11/14	–
El Cajon	15.3	17.7	15.7	16.4	–	39.3	46.7	65.5	47.0	–	1/1	11/6	12/24	11/14	–
Kearny Mesa	12.9	13.5	12.4	14.2	–	36.5	37.9	48.5	43.4	–	1/2	11/6	12/2	3/1	–
Escondido	16.1	17.5	15.8	18.0	–	53.6	60.0	65.9	64.3	–	1/1	1/1	12/24	10/28	–
Downtown San Diego	15.5	16.6	15.6	17.7	–	46.9	54.1	66.3	46.9	–	11/3	1/1	12/2	9/28	–

– Monitoring began in 1999

\* Not to exceed 15 µg/m3 for a three-year average

\*\* Not to exceed 65 µg/m3 for a three-year average of annual 98th percentile