

Ozone

Number of Days Exceeding Federal and State 1-Hour Ozone Standards San Diego County 2001-2005

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				
	05	04	03	02	01	05	04	03	02	01	05	04	03	02	01	05	04	03	02	01
Chula Vista	0	0	0	0	0	0	1	0	1	2	9	10	8	12	10	10/10	5/3	10/28	9/1	9/30
El Cajon	0	0	0	0	0	0	1	1	2	3	9	10	10	10	12	4/15	10/9	9/21	8/9	5/8
Kearny Mesa	0	0	0	0	1	0	6	2	3	9	8	11	11	11	14	4/15	5/2	10/19	9/21	9/30
Del Mar	0	1	0	0	0	0	3	0	1	0	8	13	9	10	9	8/25	10/8	10/17	9/21	9/30
Escondido	0	0	0	0	1	1	2	3	2	4	10	10	11	10	14	9/3	4/27	9/21	9/1	9/30
Alpine	0	0	1	0	1	13	5	17	13	22	11	11	13	12	14	7/13	5/31	9/21	6/6	5/8
Downtown SD (12th)	0	0	0	0	0	0	0	0	0	1	7	9	8	9	10	5/12	9/5	4/9	9/21	9/30
Downtown SD (Beardsley)	0					0					7					8/25				
Camp Pendleton	0	0	0	0	0	0	4	4	0	2	9	11	10	9	11	8/25	5/3	10/16	5/12	9/29
Otay Mesa	0	0	0	0	0	2	1	1	2	0	11	10	10	11	9	10/6	4/27	10/13	9/1	9/30
Basinwide	0	1	1	0	2	16	12	23	15	29	11	13	13	12	14	7/13	10/8	9/21	6/6	9/30

► Downtown San Diego monitoring station moved July 14, 2005, from 12th Avenue to Beardsley Street

Ozone

Number of Days Exceeding Federal 8-Hour Ozone Standard San Diego County 2001-2005

Station	Number of Days Exceeding Federal 8-Hour Standard Concentration > 8.5 pphm					Maximum 8-Hour Concentration (pphm)					Date of Maximum 8-Hour Concentration				
	05	04	03	02	01	05	04	03	02	01	05	04	03	02	01
Chula Vista	0	1	0	0	0	8	9	6	7	8	4/6	5/3	7/10	5/12	6/9
El Cajon	0	0	0	0	1	7	8	7	8	9	5/13	4/25	9/21	9/22	5/8
Kearny Mesa	0	2	0	1	1	7	9	8	9	9	5/12	5/2	10/19	9/21	9/30
Del Mar	0	3	0	0	0	7	10	8	8	8	4/17	10/8	10/17	9/21	5/22
Escondido	0	2	0	0	1	8	9	8	8	10	4/16	4/27	9/21	9/22	9/30
Alpine	5	2	6	12	15	9	9	10	10	12	5/14	10/9	5/21	6/6	5/8
Downtown SD (12th)	0	0	0	0	0	6	7	6	7	7	4/17	9/5	4/9	9/21	6/9
Downtown SD (Beardsley)	0					6					9/17				
Camp Pendleton	0	2	0	0	1	7	10	8	7	10	4/17	10/8	10/8	5/12	9/29
Otay Mesa	0	0	0	1	0	7	8	8	9	7	10/6	4/27	5/21	9/1	9/30
Basinwide	5	8	6	13	17	9	10	10	10	12	5/14	10/8	5/21	6/6	5/8

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Carbon Monoxide

Maximum 1-Hour and 8-Hour Average Concentrations San Diego County 2001-2005

Station	Maximum 1-Hour Concentration in ppm Federal Standard 35 ppm State Standard 20 ppm					Date of Maximum 1-Hour Concentration					Maximum 8-Hour Concentration in ppm Federal Standard 9 ppm State Standard 9 ppm					Date of Maximum 8-Hour Concentration				
	05	04	03	02	01	05	04	03	02	01	05	04	03	02	01	05	04	03	02	01
Chula Vista	2.8	3.9	6.9	4.3	5.6	11/23	2/12	10/27	2/13	12/20	2.1	2.5	5.4	2.6	4.7	11/23	1/10	10/28	2/27	12/20
Escondido	5.9	5.3	12.7	8.5	8.5	1/20	12/11	10/28	1/21	2/5	3.1	3.6	10.6	3.9	5.1	1/20	12/11	10/28	1/21	1/5
★ Escondido (without fire data)			8.9					2/7					3.9					1/17		
SD curbside (Union)	5.3	6.3	8.0	8.2	6.0	1/19	1/14	1/25	2/7	1/3	3.9	3.8	5.1	3.6	4.8	1/14	1/1	1/26	2/23	12/7
Downtown SD (12th)	6.4	4.9	5.0	5.0	7.0	4/18	8/10	1/15	1/7	2/23	4.7	4.0	3.9	3.5	4.9	4/16	1/11	12/19	2/23	2/24
Downtown SD (Beardsley)	4.5					12/21					3.1					12/20				
Otay Mesa	7.9	6.9	7.0	8.4	6.2	12/6	12/14	10/18	1/11	1/19	3.7	4.1	4.9	4.7	3.9	12/6	12/14	10/27	1/11	12/6

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★ In October 2003, wildfires caused unusually high levels of carbon monoxide

Nitrogen Dioxide

Annual Average and Maximum 1-Hour Concentration
San Diego County 2001-2005

Station	Annual Average Federal Standard .053 ppm					Maximum 1-Hour Concentration (ppm) State Standard > .25 ppm					Date of Maximum 1-Hour Concentration				
	05	04	03	02	01	05	04	03	02	01	05	04	03	02	01
Chula Vista	.016	.016	.018	.018	.017	.071	.072	.102	.093	.071	11/15	5/2	10/20	11/6	10/16
El Cajon	.019	.019	.020	.020	.022	.079	.075	.130	.085	.078	11/23	1/13	10/28	11/6	10/15
Kearny Mesa	.017	.017	.018	.019	.019	.076	.085	.084	.080	.095	10/14	1/10	10/28	2/26	3/19
Escondido	.016	.018	.020	.021	.020	.076	.080	.135	.084	.088	10/13	10/8	10/28	2/27	11/20
Alpine	.011	.011	.014	.013	.014	.061	.063	.071	.068	.067	11/23	3/18	12/5	1/8	11/21
Downtown SD (12th)	.020	.020	.021	.022	.020	.091	.094	.111	.102	.098	1/13	5/3	10/21	11/20	1/3
Downtown SD (Beardsley)	.023					.100					11/15				
Camp Pendleton	.012	.012	.012	.013	.013	.077	.099	.095	.109	.092	1/14	1/13	1/15	2/21	2/3
Otay Mesa	.024	.023	.020	.021	.021	.109	.125	.148	.126	.148	9/6	9/1	10/18	10/8	9/27

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Particulate Matter (PM₁₀)

San Diego County 2001-2005

Station	Annual Arithmetic Mean Federal Standard 50 micrograms/m ³ State Standard 20 micrograms/m ³					Maximum 24-Hour Sample* Federal Standard 150 micrograms/m ³ State Standard 50 micrograms/m ³						Date of Maximum 24-Hour Sample					
	05	04	03	02	01	05	04	03★	03 without fire data	02	01	05	04	03★	03 without fire data	02	01
Chula Vista	27	26	27	27	28	52	44	75	65	50	64	10/7	1/16	11/23	12/5	12/4	1/1
El Cajon	28	30	34	35	37	48	55	230	66	61	84	12/12	3/22	11/23	12/5	6/19	1/1
Kearny Mesa	22	25	29	24	26	44	44	280	49	47	40	10/13	4/29	11/23	11/29	12/4	10/16
Escondido	24	27	33	27	31	42	57	179	58	51	74	10/13	1/10	10/29	12/31	9/5	1/1
Downtown SD (12th)	28	33	37	35	31	76	68	139	60	85	66	1/10	12/17	11/23	12/5	12/4	1/1
Downtown SD (Beardsley)	37					77						9/1					
Otay Mesa	58	51	53	55	49	155	137	130	130	130	107	10/13	12/15	12/5	12/5	11/28	9/28

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★ In October 2003, firestorms caused unusually high levels of particulate matter.

* Concentrations are averaged over a 24-hour period.

Particulate Matter (PM_{2.5})

San Diego County 2001-2005

Station	Annual Average Federal Standard 15 micrograms/m ³ State Standard 12 micrograms/m ³					Maximum 24-Hour Sample* Federal Standard 65 micrograms/m						Date of Maximum 24-Hour Sample					
	05	04	03	02	01	05	04	03★	03 without fire data	02	01	05	04	03★	03 without fire data	02	01
Chula Vista	12	12	14	14	14	34	33	239	41	41	41	11/6	3/16	10/27	12/5	1/2	1/1
El Cajon	11	13	12	15	18	41	44	—	33	40	47	10/21	1/1	1/1	1/1	1/1	11/6
Kearny Mesa	10	11	12	13	14	29	29	170	30	37	38	3/11	3/19	10/27	1/12	1/2	11/6
Escondido	12	14	14	16	18	43	67	69	38	54	60	1/1	1/1	10/27	12/31	1/1	1/1
Downtown SD (12th)	11	14	15	16	17	32	43	170	51	47	54	1/22	1/9	10/27	1/23	11/3	1/1
Downtown SD (Beardsley)	16					44						11/15					

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★ In October 2003, firestorms caused unusually high levels of particulate matter

— There was an equipment malfunction at the El Cajon monitoring station during the fires

* Concentrations are averaged over a 24-hour period

Sulfur Dioxide

Annual Average and Maximum 1-Hour & 3-Hour Concentrations
San Diego County 2001-2005

Station	Annual Average in pphm Federal Standard 3 pphm					Maximum 24-Hour Concentration in pphm Federal Standard 14 pphm State Standard 5 pphm					Maximum 3-Hour Concentration in pphm Federal Standard 50 pphm					Maximum 1-Hour Concentration in pphm State Standard 25 pphm				
	05	04	03	02	01	05	04	03	02	01	05	04	03	02	01	05	04	03	02	01
Chula Vista	0.3	0.3	0.4	0.4	0.3	0.5	1.5	0.9	1.2	1.4	0.9	2.1	2.1	2.8	3.6	1.6	4.2	3.0	4.4	4.9
Downtown SD (12th)	0.2	0.4	0.4	0.3	0.3	0.6	0.9	0.8	0.7	1.0	1.9	2.0	1.9	1.5	3.6	4.0	4.2	4.0	2.8	5.2
Downtown SD (Beardsley)	0.3					0.9					2.6					3.6				
Otay Mesa	0.5	0.6	0.3	0.4	0.4	1.3	1.4	1.1	0.9	1.1	3.1	2.8	1.8	1.6	3.9	4.0	4.5	2.5	2.0	6.0

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