

Ambient Air Quality Monitoring

PM₁₀ Data

Data from July 4, 2000 to December 27, 2001

Concentrations are measured in ug/m₃.

Standards not to be exceeded: 50ug/m₃ annual arithmetic mean, and 150 ug/m₃ as a 24 hour average with not more than one exceedance per year.

Date	Cozad	Gothenburg	Broken Bow 1 (School)	Broken Bow 2 (Park)
12/27/2001	INV	9.4	10.6	INV
12/21/2001	9.6	24	28.3	33.1
12/15/2001	5.1	10.4	15.8	11.9
12/09/2001	6.4	9.4	16.3	14.9
12/03/2001	10.6	18.7	29.6	43.3
11/27/2001	INV	INV	4.8	INV
11/21/2001	27.6	38.7	49.9	60.4
11/15/2001	18.9	18.6	35.7	67.8
11/09/2001	19.8	29.1	27	73
11/03/2001	50.1	70.7	35.1	31
10/28/2001	42.4	invalid	36.6	41.9
10/22/2001	48.2	68.3	38.2	39.4
10/16/2001	36	44.5	invalid	11.8
10/10/2001	25.8	80.3	16.2	16.2
10/04/2001	34.2	23.7	51.2	13.7
09/22/2001	INV	55.5	INV	51
09/16/2001	29.6	38.5	15.4	22.4
09/10/2001	14.6	15.1	22.2	9.3
09/04/2001	INV	30.5	12.7	8.6
08/29/2001	INV	53	35.1	37.7
08/23/2001	INV	61.5	49.8	60.2
08/17/2001	INV	25.7	22.3	22.4
08/11/2001	52.3	46	36.5	33.8
08/05/2001	INV	51.2	37.4	40.3
07/30/2001	47	46.2	30	29.2
07/24/2001	INV	68.7	9.3	18.2
07/18/2001	52.1	46.8	34.8	36.6
07/12/2001	45.6	43.8	28.4	29.6
07/06/2001	42.7	50.4	28	37.3
06/30/2001	68.9	66.6	49.4	49.1
06/24/2001	71.7	58.7	invalid	40.9
06/18/2001	66.7	64.7	invalid	50.5
06/12/2001	63.8	64.4	29.8	29.9
06/06/2001	27.7	22	14.2	17.1
05/31/2001	20.3	28	15	16.5
05/25/2001	25.3	25.9	12.5	18.7
05/19/2001	37	48.9	26.5	37.3
05/13/2001	23.7	36	26.6	34.5
05/07/2001	17.6	16.6	11.6	12.5
05/01/2001	35.9	29.8	19.2	23.6
04/25/2001	25.5	42.2	18.7	invalid
04/19/2001	45.6	57.4	38.1	invalid
04/13/2001	17.6	59.7	15.4	invalid
04/07/2001	12.4	14.8	5.1	4.4
04/01/2001	15	16.1	10.4	11.6

03/26/2001	23.9	22.3	12.8	12.7
03/20/2001	24.3	26.3	13.1	8.5
03/14/2001	28.9	51.6	14.1	10.2
03/08/2001	27.7	27.5	12.7	15.9
03/02/2001	14.6	27.1	12.9	11.5
02/24/2001	6.8	9.6	7.8	7.8
02/18/2001	17.6	22.6	12.6	13
02/12/2001	19.2	17.4	11.5	12.4
02/06/2001	11.7	19.9	4.7	6.7
01/31/2001	9.5	invalid	invalid	4.3
01/25/2001	27	invalid	15.3	12.8
01/19/2001	12.4	15.7	6.1	8.1
01/13/2001	8.9	10.1	14.8	12.8
01/07/2001	9.9	9.6	7.2	invalid
01/01/2001	14.1	invalid	invalid	11.3
12/26/2000	27.2	invalid	15.9	14.5
12/20/2000	8.7	15.5	invalid	5.6
12/14/2000	25.8	19.5	19.2	18
12/08/2000	12.3	13.9	7	4.3
12/02/2000	17.3	18.6	8.8	9.2
11/26/2000	10.8	11.2	3.4	3.9
11/20/2000	10	invalid	4.7	10
11/14/2000	24.6	invalid	12.2	11
11/08/2000	12	14.9	7.1	6.9
11/02/2000	12.1	15	20.6	5.3
10/26/2000	14.9	invalid	10.7	9.5
10/20/2000	50.1	40.8	70	30.2
10/14/2000	23.1	35.3	19.8	19.4
10/08/2000	58.6	43.6	29.1	23.3
10/02/2000	37.1	40.9	invalid	22.4
09/26/2000	33.7	40.8	invalid	16
09/20/2000	90.2	66.8	33.2	22.5
09/14/2000	69.2	65.2	45.3	33.8
09/08/2000	invalid	62.9	37.1	36.7
09/02/2000	invalid	40.7	20.3	23.7
08/27/2000	45	58.7	30.1	44.8
08/21/2000	33.1	44.9	30	29.6
08/15/2000	invalid	32.8	34.5	30.5
08/09/2000	52.5	65	40.6	32.2
08/03/2000	52.9	78.6	invalid	37.9
07/28/2000	19.6	29.1	invalid	16.9
07/22/2000	34.6	27.5	15.2	16
07/16/2000	20.1	27.9	17	19.4
07/10/2000	30.6	43.7	15.8	26.8
07/04/2000	44.9	60.3	33.1	33.9