

STATUS OF AMBIENT AIR QUALITY OF DAMTAL

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During 2009-10

Station-I

Regional Office Damtal

Month	SO ₂ in µg/ m ³		NO _x in µg/ m ³		RSPM in µg/ m ³	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 09	2.0	2.0	17.6	24.2	60	166
May, 09	2.0	2.0	20.2	28.1	74	126
June, 09	2.0	2.0	11.3	32.7	67	194
July, 09	2.0	2.0	8.7	15.4	57	169
August, 09	2.0	2.0	4.8	12.5	44	135
September, 09	2.0	2.0	5.7	12.8	48	146
October, 09	2.3	7.9	6.4	61.2	52	159
November, 09	2.0	2.0	5.7	12.4	68	195
December 09	2.0	2.0	5.9	13.1	49	148
January, 10	2.0	2.0	5.0	10.9	66	188
February, 10	2.0	2.0	12.2	27.6	69	198
March, 10	2.0	2.0	10.7	21.9	61	179

Station-II

Old Road, Damtal

Month	SO ₂ in µg/ m ³		NO _x in µg/ m ³		RSPM in µg/ m ³	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 09	2.0	2.0	23.3	34.5	89	149
May, 09	2.0	2.0	25.2	41.9	105	170
June, 09	2.0	2.0	9.0	17.9	87	176
July, 09	2.0	2.0	8.3	12.6	65	100
August, 09	2.0	2.0	4.6	10.1	46	103
September, 09	2.0	2.0	4.9	10.6	56	145
October, 09	2.0	2.0	6.9	13.2	71	163
November, 09	2.0	2.0	5.3	11.2	78	136
December 09	2.0	2.0	7.8	14.8	62	122
January, 10	2.0	2.0	6.6	14.2	79	128
February, 10	2.0	2.0	10.9	21.8	65	132
March, 10	2.0	2.0	11.4	28.2	79	131

During 2008-09

Station-I

Regional Office Damtal

Month	SO ₂ in µg/ m ³		NO _x in µg/ m ³		RSPM in µg/ m ³	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2008	2.0	2.0	18.7	55.0	56.0	106.0
May, 2008	2.0	2.0	18.3	24.8	70.0	114.0
June, 2008	2.0	2.0	14.7	20.9	53.0	97.0
July, 2008	2.0	2.0	15.1	22.1	51.3	88.0
August, 2008	2.0	2.0	14.7	22.0	48.0	73.0
September,2008	2.0	2.0	16.2	22.0	55.0	164.0
October, 2008	2.1	6.7	15.5	24.7	66.6	194.0
November, 2008	2.0	2.0	15.6	22.9	55.7	90.0
December, 2008	2.0	2.0	12.4	17.5	56.9	171.0
January, 2009	2.0	2.0	12.8	21.5	53.1	157.0
February, 2009	2.0	2.0	14.5	23.0	62.0	173.0
March, 2009	2.0	2	16.7	23.9	67.3	189.5

Station-II

Old Road

Month	SO ₂ in µg/ m ³		NO _x in µg/ m ³		RSPM in µg/ m ³	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2008	2.0	2.0	19.9	30.1	65.0	95.0
May, 2008	2.0	2.0	21.1	29.3	88.0	159.0
June, 2008	2.0	2.0	17.0	23.8	68.0	106.0
July, 2008	2.0	2.0	17.8	28.0	62.4	125.0
August, 2008	2.0	2.0	18.8	25.6	66.0	101.0
September,2008	2.0	2.0	18.6	27.5	75.0	142.0
October, 2008	2.0	2.0	21.6	30.1	83.6	132.0
November, 2008	2.0	2.0	19.0	28.5	73.2	124.0
December, 2008	2.0	2.0	18.3	29.9	88.0	155.0
January, 2009	2.0	2.0	16.4	24.2	75.4	123.0
February, 2009	2.0	2.0	20.0	26.5	71.3	129.0
March, 2009	2.0	2.0	21.1	27.5	84.7	151.0

During 2007-08

Station-I

Regional Office

Month	SO ₂ in µg/ m ³		NO _x in µg/ m ³		RSPM in µg/ m ³	
	M. Avg.	Peak	M. Avg.	M. Avg.	Peak	M. Avg.
April, 2007	2.0	2.0	19.6	31.2	60.0	142.0
May, 2007	2.0	2.0	20.8	26.0	68.0	195.0
June, 2007	2.0	2.0	20.2	29.9	64.0	115.0
July, 2007	2.0	2.0	18.4	25.1	37.0	86.0
August,2007	-	-	16.3	24.2	39.0	89.0
September, 2007	-	-	18.3	23.3	43.0	78.0
October, 2007	2.0	2.0	18.3	27.8	41.0	73.0
November, 2007	2.0	2.0	16.5	26.9	61.0	170.0
December, 2007	2.0	2.0	15.2	21.1	54.0	95.0
January, 2008	2.00	2.00	13.80	17.90	57.0	81.0
February, 2008	-	-	14.60	22.04	52.0	85.0
March, 2008	2.00	2.00	17.10	26.31	56.0	91.0

Station-II

Old Road

Month	SO ₂ in µg/ m ³		NO _x in µg/ m ³		RSPM in µg/ m ³	
	M. Avg.	Peak	M. Avg.	M. Avg.	Peak	M. Avg.
April, 2007	2.0	2.0	22.2	31.3	113.0	225.0
May, 2007	2.0	2.0	22.2	34.4	87.0	174.0
June, 2007	2.0	2.0	21.3	31.7	68.0	115.0
July, 2007	2.0	2.0	18.0	25.1	52.0	85.0
August,2007			19.4	27.5	42.0	96.0
September, 2007			16.6	21.5	49.0	82.0
October, 2007	2.0	2.0	17.8	24.5	61.0	98.0
November, 2007	2.0	2.0	19.1	28.1	69.0	123.0
December, 2007	2.0	2.0	17.0	23.7	61.0	105.0
January, 2008	2.00	2.00	14.60	23.32	62.0	97.0
February, 2008			17.90	26.37	75.0	150.0
March, 2008	2.00	2.00	20.10	30.24	72.0	117.0

During 2006-07**Station-I**

Month	SO2		NOX		RSPM	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2006	5.13	7.15	13.56	25.03	116.00	145.00
May, 2006	4.60	7.15	16.81	30.18	120.00	189.00
June, 2006	5.20	8.24	16.91	26.01	127.00	216.00
July, 2006	3.79	7.14	14.53	26.02	106.63	164.00
August, 2006	2.00	2.00	23.79	59.21	47.69	111.00
September, 2006	2.00	2.00	30.50	74.01	43.58	90.00
October, 2006	2.00	2.00	33.07	108.11	61.64	160.00
November, 2006	2.00	2.00	20.92	35.88	63.86	160.00
December, 2006	2.00	2.00	12.66	16.60	56.91	200.00
January, 2007	2.00	2.00	15.82	25.30	92.29	178.00
February, 2007	2.00	2.00	16.01	21.53	63.48	208.00
March, 2007	2.00	2.00	15.25	21.98	49.78	118.00

Station-II

Month	SO2		NOX		RSPM	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2006	5.34	8.17	21.40	31.10	169.00	294.00
May, 2006	5.71	8.80	19.35	28.11	167.00	256.00
June, 2006	5.71	9.43	19.98	29.90	176.00	300.00
July, 2006	4.35	7.04	15.54	26.56	141.40	227.00
August, 2006	2.00	2.00	28.11	58.81	57.97	216.00
September, 2006	2.00	2.00	29.12	49.79	61.84	120.00
October, 2006	2.00	2.00	36.08	69.97	119.32	253.00
November, 2006	2.00	2.00	27.53	49.79	90.80	189.00
December, 2006	2.00	2.00	19.83	35.88	108.59	241.00
January, 2007	2.00	2.00	20.56	30.76	120.00	251.00
February, 2007	2.00	2.00	18.80	30.06	125.87	345.00
March, 2007	2.00	2.00	18.86	27.51	75.45	149.00

During 2005-06

Station-I

Month	SO2		NOX		SPM	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2005	5.42	8.30	19.30	24.38	178.00	334.00
May, 2005	5.69	8.38	19.52	24.38	188.03	295.00
June, 2005	5.90	8.53	21.75	27.20	159.00	270.00
July, 2005	4.46	8.30	15.61	21.40	134.67	234.00
August, 2005	4.64	7.11	17.07	26.87	138.00	246.00
September, 2005	4.47	7.11	4.61	18.91	129.00	197.00
October, 2005	4.67	7.70	16.51	23.00	147.24	204.00
November, 2005	6.88	20.74	29.59	195.07	153.00	240.00
December, 2005	4.65	7.70	31.83	44.71	146.00	214.00
January, 2006	4.82	8.30	25.90	35.30	157.00	237.00
February, 2006	4.59	8.25	20.51	23.26	156.41	243.00
March, 2006	5.11	8.24	17.90	26.91	132.13	211.00

Station-II

Month	SO2		NOX		SPM	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2005	6.88	11.13	21.20	30.11	228.00	341.00
May, 2005	6.28	8.30	22.96	29.37	229.39	341.00
June, 2005	7.41	12.19	23.94	29.85	228.00	344.00
July, 2005	5.14	8.75	16.74	26.72	174.12	307.00
August, 2005	5.25	9.48	18.70	24.68	188.00	326.00
September, 2005	5.75	8.30	18.01	24.64	150.00	253.00
October, 2005	6.09	9.24	19.37	26.83	203.71	302.00
November, 2005	7.07	17.77	28.59	147.56	215.00	366.00
December, 2005	5.37	8.89	34.88	50.30	210.00	303.00
January, 2006	5.76	9.48	29.06	39.50	221.00	328.00
February, 2006	5.47	9.24	23.12	33.54	209.37	283.00
March, 2006	5.20	8.24	20.01	29.73	189.57	272.00

During 2004-05

Station-I

Month	SO2		NOX		SPM	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2004	4.91	7.70	14.93	22.39	149.00	332.00
May, 2004	4.45	7.58	17.84	32.51	129.00	240.00
June, 2004	5.34	7.70	17.10	23.88	122.00	278.00
July, 2004	4.72	7.70	14.72	21.36	98.00	225.00
August, 2004	4.73	7.70	14.72	21.49	93.00	178.00
September, 2004	4.42	6.52	14.66	18.91	150.00	235.00
October, 2004	5.02	7.70	16.58	21.40	139.00	232.00
November, 2004	5.00	7.70	16.02	21.40	144.00	236.00
December, 2004	4.93	7.70	16.34	22.89	132.00	214.00
January, 2005	4.30	6.52	14.75	22.89	134.00	218.00
February, 2005	4.73	7.70	15.05	22.39	119.00	189.00
March, 2005	4.96	7.70	16.44	23.88	145.00	231.00

Station-II

Month	SO2		NOX		SPM	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2004	6.35	9.48	20.08	32.24	241.00	430.00
May, 2004	5.76	11.06	20.78	32.64	211.00	436.00
June, 2004	5.50	8.80	18.86	29.00	178.00	305.00
July, 2004	5.36	8.89	16.07	24.38	192.00	396.00
August, 2004	5.37	8.13	16.75	23.39	174.00	281.00
September, 2004	5.68	8.30	19.04	29.85	204.00	326.00
October, 2003	6.26	8.30	20.15	28.53	187.00	290.00
November, 2004	6.20	11.26	19.38	29.85	231.00	321.00
December, 2004	5.55	8.30	18.76	24.88	215.00	285.00
January, 2005	4.93	7.70	17.97	29.85	212.00	292.00
February, 2005	5.55	8.30	17.24	23.88	157.00	285.00
March, 2005	6.00	8.30	18.97	26.37	216.00	309.00

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