

## STATUS OF AMBIENT AIR QUALITY OF PARWANOO

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**During 2009-10**

**Station I**

**Sector-IV (R)**

Month	SO <sub>2</sub> in µg/ m <sup>3</sup>		NO <sub>x</sub> in µg/ m <sup>3</sup>		RSPM in µg/ m <sup>3</sup>	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 09	2.0	4.7	8.0	11.7	60	96
May, 09	3.2	6.2	10.6	13.7	78	135
June, 09	5.1	9.1	12.8	21.5	87	198
July, 09	4.1	7.9	11.9	21.1	55	128
August, 09	4.1	6.2	12.2	17.6	43	99
September, 09	2.6	6.2	8.9	28.3	63	205
October, 09	2.8	6.3	12.3	26.1	50	120
November, 09	2.9	6.2	14.0	24.8	59	98
December 09	3.1	7.9	14.7	29.3	72	133
January, 10	3.1	7.4	13.1	25.5	86	159
February, 10	2.5	6.4	11.8	28.2	64	139
March, 10	3.8	8.5	13.2	29.3	65	196

**Station II**

**Sector-I (I)**

Month	SO <sub>2</sub> in µg/ m <sup>3</sup>		NO <sub>x</sub> in µg/ m <sup>3</sup>		RSPM in µg/ m <sup>3</sup>	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 09	2.0	5.1	9.9	15.6	104	142
May, 09	3.6	8.5	11.8	19.7	90	187
June, 09	5.6	8.5	13.5	18.5	113	175
July, 09	5.5	9.1	13.3	18.5	90	173
August, 09	4.8	7.9	12.8	17.6	69	138
September, 09	3.3	7.9	10.7	30.2	93	187
October, 09	3.0	5.7	12.5	21.5	79	162
November, 09	3.2	6.2	14.7	23.9	87	146
December 09	3.8	8.5	15.4	28.8	90	155
January, 10	3.7	7.9	15.8	30.2	108	177
February, 10	3.0	6.8	17.3	33.2	92	154
March, 10	3.6	7.9	15.5	29.8	93	174

**During 2008-09**

**Station-I**

**Sector-4**

Month	SO <sub>2</sub> in µg/ m <sup>3</sup>		NO <sub>x</sub> in µg/ m <sup>3</sup>		RSPM in µg/ m <sup>3</sup>	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2008	2.0	2.0	10.5	12.5	56.0	101.0
May, 2008	2.4	6.0	10.2	22.1	75.0	147.0
June, 2008	2.0	4.5	8.5	17.8	64.0	<b>220.0</b>
July, 2008	2.0	4.5	7.5	21.5	39.0	158.0
August, 2008	2.1	4.5	7.1	15.6	31.0	89.0
September,2008	2.1	4.5	6.9	13.7	50.0	102.0
October, 2008	3.0	<b>10.2</b>	10.5	<b>27.3</b>	64.5	168.6
November, 2008	2.3	5.1	8.9	18.0	84.7	161.3
December, 2008	2.0	4.5	8.0	13.2	86.1	152.0
January, 2009	2.0	6.4	7.4	14.3	87.3	202.1
February, 2009	2.0	4.5	7.6	12.7	73.5	151.8
March, 2009	2.0	5.1	7.8	13.0	71.3	136.9

**Station-II**

**Sector-1**

Month	SO <sub>2</sub> in µg/ m <sup>3</sup>		NO <sub>x</sub> in µg/ m <sup>3</sup>		RSPM in µg/ m <sup>3</sup>	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2008	2.0	2.0	11.0	14.4	130.0	217.0
May, 2008	2.7	<b>6.8</b>	11.1	18.0	113.0	<b>297.0</b>
June, 2008	2.4	5.1	9.2	16.6	98.0	185.0
July, 2008	2.2	4.5	8.8	12.7	80.0	207.0
August, 2008	2.2	4.5	6.8	12.7	43.0	98.0
September,2008	2.2	4.5	8.3	14.1	61.0	114.0
October, 2008	2.4	4.5	9.7	14.1	63.0	117.0
November, 2008	3.1	5.7	11.6	<b>20.0</b>	99.0	190.4
December, 2008	2.0	5.1	10.3	14.6	126.7	282.7
January, 2009	2.0	5.7	9.8	14.6	109.3	293.3
February, 2009	2.0	<b>6.8</b>	10.8	15.2	129.4	258.7
March, 2009	2.0	<b>6.8</b>	10.3	19.5	110.3	185.3

**During 2007-08**

**Station-I**

**Sector-4**

Month	SO <sub>2</sub> in µg/ m <sup>3</sup>		NO <sub>x</sub> in µg/ m <sup>3</sup>		RSPM in µg/ m <sup>3</sup>	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2007	2.3	8.3	7.4	18.6	62.0	116.1
May, 2007	2.3	7.4	7.1	16.1	76.0	<b>358.3</b>

June, 2007	2.0	2.0	6.8	17.8	64.0	147.0
July, 2007	2.1	6.2	5.5	11.7	36.0	72.6
August,2007	2.4	7.4	5.8	14.8	36.0	100.7
September, 2007	2.0	2.0	8.0	27.3	42.6	92.2
October, 2007	2.3	5.7	10.0	18.5	56.0	154.0
November, 2007	2.6	7.8	10.2	<b>28.3</b>	101.0	239.0
December, 2007	2.5	6.6	10.3	20.2	75.3	184.1
January, 2008	2.1	5.1	6.4	13.65	67.0	116.0
February, 2008	2.2	6.59	7.6	18.95	69.0	115.0
March, 2008	2.1	4.53	8.3	15.12	73.0	287.0

### Station-II

#### Sector-1

Month	SO <sub>2</sub> in µg/ m <sup>3</sup>		NO <sub>x</sub> in µg/ m <sup>3</sup>		RSPM in µg/ m <sup>3</sup>	
	M. Avg.	Peak	M. Avg.	M. Avg.	Peak	M. Avg.
April, 2007	2.3	5.1	11.9	<b>32.9</b>	96.0	155.5
May, 2007	2.2	5.2	10.2	23.4	103.0	346.6
June, 2007	2.1	4.5	10.7	18.7	73.0	243.0
July, 2007	2.1	4.5	8.4	15.0	54.0	176.8
August,2007	2.3	5.7	6.2	13.8	41.0	103.2
September, 2007	2.1	4.5	9.6	14.6	43.2	104.0
October, 2007	2.8	6.2	12.8	22.0	85.0	236.0
November, 2007	3.2	<b>7.9</b>	12.4	23.4	104.0	231.0
December, 2007	2.8	6.8	12.8	29.3	128.4	<b>407.2</b>
January, 2008	2.2	5.1	9.3	21.5	110.0	331.0
February, 2008	2.7	8.2	9.7	22.6	77.0	116.0
March, 2008	3.0	7.9	11.5	16.6	109.0	205.0

### During 2006-07

#### Station-I

Month	SO <sub>2</sub>		NO <sub>x</sub>		RSPM	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2006	2.00	5.11	4.50	12.56	71.08	102.30
May, 2006	2.00	4.50	4.50	11.56	74.37	131.78
June, 2006	2.00	4.48	10.07	15.55	82.54	136.58
July, 2006	2.00	2.00	9.72	15.50	48.56	92.18
August, 2006	2.00	2.00	11.05	15.91	55.22	65.26
September, 2006	2.00	5.63	8.87	13.43	71.64	113.79
October, 2006	2.00	7.36	11.43	30.54	174.83	622.29
November, 2006	2.00	2.00	11.03	14.42	102.37	369.97

December, 2006	2.00	2.00	9.49	13.22	54.72	82.79
January, 2007	2.50	13.60	9.70	17.60	71.20	126.00
February, 2007	2.00	5.66	7.00	15.60	60.00	167.00
March, 2007	2.50	7.36	8.50	28.31	55.00	100.50

### Station-II

Month	SO <sub>2</sub>		NO <sub>x</sub>		RSPM	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2006	2.00	9.40	12.37	16.76	M. Avg.	Peak
May, 2006	2.00	6.30	12.32	15.61	105.99	221.67
June, 2006	4.48	6.74	13.62	17.39	101.92	250.70
July, 2006	2.00	2.00	13.00	15.33	118.27	228.28
August, 2006	2.00	2.00	12.86	19.30	69.09	96.54
September, 2006	2.00	2.00	12.52	15.78	84.97	179.95
October, 2006	2.00	5.57	12.98	22.43	194.42	174.96
November, 2006	2.00	2.55	12.70	16.94	132.96	525.11
December, 2006	2.00	4.74	11.82	16.33	176.83	549.31
January, 2007	2.00	2.00	11.80	19.50	82.28	120.68
February, 2007	2.00	2.00	11.80	15.12	124.60	198.00
March, 2007	2.00	5.10	9.90	16.58	79.00	186.50

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**During 2005-06**

**Station-I**

Month	SO <sub>2</sub>		NO <sub>x</sub>		SPM		RSPM	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2005	0.58	2.00	29.79	39.02	190.74	<b>530.46</b>	68.08	<b>179.27</b>
May, 2005	BDL	6.80	19.63	<b>43.90</b>	98.75	308.58	47.18	147.93
June, 2005	BDL	2.00	12.64	17.11	140.48	206.31	54.59	101.12
July, 2005	BDL	5.66	13.60	23.29	74.69	125.55	37.92	67.84
August, 2005	4.17	5.59	16.19	32.64	79.99	183.62	34.86	99.41
September, 2005	4.38	7.87	18.56	40.63	69.65	180.70	36.42	61.34
October, 2005	5.04	7.55	17.41	33.91	112.42	190.39	47.72	76.15
November, 2005	4.63	<b>9.91</b>	17.67	31.83	116.10	307.73	54.40	149.33
December, 2005	4.18	9.79	20.27	34.54	139.96	211.21	62.86	84.66
January, 2006	4.14	6.23	19.58	28.42	127.24	206.40	65.89	102.73
February, 2006	4.18	6.14	17.88	27.80	148.80	223.41	65.68	120.99
March, 2006	BDL	5.60	12.07	22.19	145.95	259.81	61.17	141.02

**Station-II**

Month	SO <sub>2</sub>		NO <sub>x</sub>		RSPM	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2005	1.12	2.00	38.78	<b>54.35</b>	241.42	560.71
May, 2005	0.00	6.80	27.11	48.78	212.25	<b>675.75</b>
June, 2005	4.73	6.03	16.79	20.87	233.45	467.25
July, 2005	4.48	5.39	15.78	19.63	111.92	255.51
August, 2005	5.52	6.09	20.82	45.95	187.48	346.18
September, 2005	5.17	7.36	17.16	22.19	217.09	479.58
October, 2005	5.83	7.29	18.51	27.75	233.78	523.89
November, 2005	5.99	7.28	19.54	28.05	253.82	558.32
December, 2005	5.19	6.99	21.45	51.30	245.40	468.31
January, 2006	4.83	<b>7.41</b>	18.22	23.39	242.64	413.94
February, 2006	5.32	6.04	20.07	25.20	282.49	344.30
March, 2006	BDL	6.50	16.93	21.95	196.35	240.70

**During 2004-05**

**Station-I**

Month	SO <sub>2</sub>		NO <sub>x</sub>		SPM		RSPM	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak

April, 2004	1.73	5.10	8.20	16.353	201.44	411.11	76.19	187.19
May, 2004	0.00	3.97	6.22	11.22	210.58	1008.82	82.41	396.89
June, 2004	1.65	3.62	8.24	13.33	107.00	152.77	51.13	82.13
July, 2004	1.41	4.84	8.41	13.56	126.93	358.27	61.78	133.82
August, 2004	0.00	3.77	7.60	26.01	47.69	136.16	93.12	253.10
September, 2004	0.00	0.00	7.14	11.71	90.01	159.66	49.32	98.79
October, 2004	0.00	3.97	8.87	15.12	112.62	227.27	58.14	112.62
November, 2004	0.00	7.93	15.29	42.93	150.93	306.56	89.13	268.64
December, 2004	0.00	3.82	13.11	16.11	171.58	379.51	97.53	311.04
January, 2005	0.00	5.10	12.49	18.21	123.50	181.71	70.85	139.61
February, 2005	0.64	4.96	24.89	36.30	75.20	123.65	41.57	59.54
March, 2005	2.77	11.33	29.13	89.27	71.72	131.79	28.66	55.04

### Station-II

Month	SO <sub>2</sub>		NO <sub>x</sub>		RSPM	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2004	2.77	5.67	12.16	22.44	401.44	1920.13
May, 2004	0.00	22.11	10.90	52.68	285.77	918.20
June, 2004	2.85	4.25	12.44	15.73	223.43	596.66
July, 2004	3.06	9.52	13.09	23.41	239.47	768.31
August, 2004	0.00	5.67	11.20	16.10	185.44	505.30
September, 2004	0.00	7.20	12.00	22.72	204.39	458.40
October, 2004	0.00	6.23	13.49	20.00	287.99	664.24
November, 2004	4.24	7.93	16.22	21.46	313.90	819.86
December, 2004	3.57	5.66	15.77	19.52	340.34	902.62
January, 2005	4.07	7.37	16.02	25.76	303.03	872.08
February, 2005	2.72	7.08	24.04	52.19	181.61	383.15
March, 2005	4.69	14.73	31.87	68.23	223.95	540.46

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