

## STATUS OF AMBIENT AIR QUALITY OF PAONTA SAHIB

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### During 2009-10

#### Station-I

#### Paonta Sahib (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	3.1	15.1	18.1	103	159
May, 09	2.0	3.1	14.8	17.7	96	157
June, 09	2.0	3.6	15.5	19.9	105	208
July, 09	2.0	3.1	13.6	17.7	68	127
August, 09	2.0	3.3	15.3	22.4	57	169
September, 09	2.0	3.1	13.9	16.3	60	107
October, 09	2.0	3.1	14.7	21.3	72	152
November, 09	2.0	3.1	14.9	19.9	105	173
December 09	2.0	3.1	15.0	19.4	108	178
January, 10	2.0	3.6	15.6	20.6	110	167
February, 10	2.0	3.6	14.8	18.2	121	177
March, 10	2.0	4.1	15.5	19.0	129	201

#### Station-II

#### Gondpur (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	3.0	5.6	18.6	24.0	159	281
May, 09	2.8	5.1	18.7	22.7	145	285
June, 09	2.9	5.1	18.9	23.2	166	367
July, 09	2.4	4.6	17.6	22.3	139	268
August, 09	2.2	4.1	17.7	22.3	77	215
September, 09	2.4	3.6	17.4	21.1	106	181
October, 09	2.5	4.1	17.2	20.6	147	208
November, 09	2.8	4.6	17.1	20.4	162	253
December 09	2.8	4.6	17.7	21.7	172	411
January, 10	2.9	4.6	17.6	21.7	164	269
February, 10	3.2	5.1	16.8	21.7	114	166
March, 10	2.7	5.1	17.6	22.4	161	358

During 2008-09

Station-I

Paonta Sahib

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	2.9	11.7	16.3	99.0	163.0
May, 2008	2.0	2.4	12.0	14.6	96.0	187.0
June, 2008	2.0	2.4	11.5	16.3	105.0	276.0
July, 2008	2.0	2.0	11.0	13.4	33.0	165.0
August, 2008	2.0	2.4	11.2	15.0	82.0	166.0
September,2008	2.2	<b>7.1</b>	10.1	14.5	68.0	143.0
October, 2008	2.0	4.1	12.6	16.8	83.1	<b>411.0</b>
November, 2008	2.0	2.5	13.7	18.1	90.0	165.0
December, 2008	2.0	3.1	14.2	17.7	114.0	326.0
January, 2009	2.0	3.1	14.8	<b>19.0</b>	104.0	135.0
February, 2009	2.0	3.1	13.8	17.7	86.0	142.0
March, 2009	2.0	3.6	15.5	19.0	102.6	224.0

Station-II

Gondpur

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	3.4	13.1	17.5	134.0	306.0
May, 2008	2.0	3.9	14.6	17.5	191.0	385.0
June, 2008	2.0	2.9	13.6	17.1	134.0	214.0
July, 2008	2.0	2.9	13.3	15.4	167.0	387.0
August, 2008	1.8	2.4	13.2	17.5	178.0	351.0
September,2008	3.4	<b>9.7</b>	13.0	18.1	216.0	435.0
October, 2008	2.0	4.1	13.6	16.8	154.1	<b>483.0</b>
November, 2008	2.0	4.1	15.5	19.0	183.0	273.0
December, 2008	2.0	4.6	17.1	21.3	201.6	335.0
January, 2009	2.0	6.1	18.8	22.7	205.9	348.0
February, 2009	2.0	5.1	19.4	<b>23.2</b>	179.1	271.0
March, 2009	2.9	5.1	18.4	22.7	157.3	300.0

During 2007-08

**Station-I**

**Paonta**

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	2.0	2.4	13.1	27.3	100.0	216.0
May, 2007	2.0	2.4	12.7	21.9	74.0	189.0
June, 2007	2.0	2.4	11.9	16.3	98.0	205.0
July, 2007	2.0	2.4	12.2	15.9	49.0	97.0
August,2007	2.0	2.0	12.4	<b>27.6</b>	50.0	103.0
September, 2007	2.0	2.0	12.2	21.1	57.0	113.0
October, 2007	2.0	2.4	12.4	19.5	60.0	170.0
November, 2007	2.0	<b>3.9</b>	13.5	26.0	108.0	<b>297.0</b>
December, 2007	2.0	2.0	12.2	16.3	130.0	294.0
January, 2008	2	2.41	11.33	<b>15.44</b>	112.0	205.00
February, 2008	2	2.41	10.72	14.63	100.0	232.00
March, 2008	2	2.41	11.48	16.26	101.0	248.00

**Station-II**

**Gondpur**

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	2.0	3.2	14.3	17.9	202.0	388.0
May, 2007	2.0	<b>3.2</b>	14.1	19.7	176.0	407.0
June, 2007	2.0	3.2	13.2	17.1	173.0	305.0
July, 2007	2.0	2.9	13.1	17.1	154.0	318.0
August, 2007	2.0	2.0	13.2	19.7	118.0	277.0
September, 2007	2.0	2.4	13.1	17.1	191.2	394.0
October, 2007	2.0	2.9	13.7	22.8	187.0	384.0
November, 2007	2.0	2.9	14.4	<b>26.0</b>	204.0	<b>551.0</b>
December, 2007	2.0	2.0	14.1	22.8	169.0	389.0
January, 2008	2.0	3.4	12.8	17.1	169.0	321.0
February, 2008	2.0	2.9	13.4	17.5	162.0	379.0
March, 2008	2.0	2.9	13.1	17.1	179.0	380.0

DURING 2006-07

**Station-I**

Month	SO2		NOX		RSPM	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2006	2.00	2.00	13.06	22.75	110.26	331.88
May, 2006	2.00	2.00	13.56	22.70	134.05	364.42
June, 2006	2.00	2.00	18.11	30.93	96.74	231.48
July, 2006	2.00	2.00	13.64	18.70	58.00	221.00
August, 2006	2.00	2.00	14.34	24.05	74.00	323.00
September, 2006	2.00	2.00	13.47	16.66	78.00	405.00
October, 2006	2.00	2.00	14.09	18.69	105.00	262.00
November, 2006	2.00	2.00	13.82	20.22	57.00	161.00
December, 2006	2.00	2.41	13.40	24.39	92.69	265.00
January, 2007	2.00	2.41	13.12	17.07	112.06	191.00
February, 2007	2.00	2.00	12.60	15.30	74.00	180.00
March, 2007	2.00	2.00	12.63	18.04	66.60	255.00

**Station-II**

Month	SO2		NOX		RSPM	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2006	2.00	7.73	14.10	30.07	247.69	456.88
May, 2006	2.00	2.00	14.32	21.95	205.19	430.49
June, 2006	2.00	2.00	18.03	30.27	248.29	716.18
July, 2006	2.00	2.00	13.74	18.70	182.00	421.00
August, 2006	2.00	2.00	17.00	30.61	171.00	552.00
September, 2006	2.00	2.00	13.53	17.88	157.20	666.00
October, 2006	2.00	2.00	14.64	19.50	143.00	296.00
November, 2006	2.00	2.00	13.78	17.88	113.00	265.00
December, 2006	2.00	3.15	14.27	29.52	173.60	821.00
January, 2007	2.00	3.15	13.70	18.29	218.83	528.00
February, 2007	2.00	3.15	13.96	15.39	196.00	432.00
March, 2007	2.00	2.40	13.00	17.00	110.90	276.00

During 2005-06

**Station-I**

Month	SO2		NOX		SPM	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2005	2.06	4.53	12.45	20.00	360.00	865.00
May, 2005	2.00	2.00	11.51	25.36	233.85	662.30
June, 2005	2.43	<b>9.07</b>	21.16	<b>51.71</b>	435.38	<b>1303.16</b>
July, 2005	2.00	2.00	11.60	21.46	132.41	464.86
August, 2005	BDL	BDL	13.09	35.12	132.70	239.82
September, 2005	BDL	BDL	14.73	36.58	132.08	268.90
October, 2005	BDL	BDL	22.61	45.73	234.80	645.00
November, 2005	BDL	BDL	17.72	27.44	281.56	555.01
December, 2005	BDL	BDL	19.10	46.34	297.58	508.83
January, 2006	BDL	BDL	15.13	27.02	313.03	883.44
February, 2006	NR	NR	15.77	23.16	401.25	865.15
March, 2006	BDL	6.76	20.29	48.76	249.12	614.37

**Station-II**

Month	SO2		NOX		SPM	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2005	3.70	6.80	19.06	26.34	477.00	1115.00
May, 2005	4.84	<b>6.81</b>	20.44	25.36	342.54	697.25
June, 2005	3.41	5.67	24.51	35.12	525.64	<b>1358.60</b>
July, 2005	2.00	2.00	10.66	13.17	212.21	548.43
August, 2005	BDL	BDL	15.54	23.41	253.74	666.15
September, 2005	BDL	BDL	18.61	45.73	231.51	715.20
October, 2005	BDL	BDL	21.88	<b>68.60</b>	258.81	482.50
November, 2005	BDL	BDL	18.54	27.44	414.00	1252.33
December, 2005	BDL	BDL	13.16	30.90	483.78	886.80
January, 2006	BDL	BDL	16.73	27.00	424.27	986.29
February, 2006	NR	NR	NR	NR	443.75	894.23
March, 2006	BDL	6.76	15.91	26.82	466.95	1250.31

**Station-I**

Month	SO2		NOX		SPM	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2004	0.32	0.62	9.14	9.90	403.81	1019.67
May, 2004	0.16	0.84	9.05	10.64	401.20	1096.42
June, 2004	0.31	0.62	9.45	17.27	281.09	598.34
July, 2004	0.27	0.62	9.38	9.91	245.00	537.82
August, 20 04	0.23	1.00	9.23	10.67	176.96	295.15
Sept., 2004	0.32	1.30	9.92	19.50	289.58	904.68
October, 2004	0.44	0.83	9.23	12.40	190.60	325.97
November, 2004	0.31	1.42	9.20	21.55	264.35	495.55
December, 2004	2.62	6.80	14.26	23.41	231.47	405.95
January, 2005	1.98	4.53	12.15	19.51	270.04	320.34
February, 2005	1.74	3.40	12.58	21.46	242.64	470.21
March, 2005	1.39	1.51	10.92	13.65	237.17	309.87

**Station-II**

Month	SO2		NOX		SPM	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
April, 2004	1.11	1.66	8.88	10.67	450.33	995.82
May, 2004	0.81	1.93	8.86	16.20	574.00	1638.23
June, 2004	1.10	1.60	8.39	9.45	454.28	1043.43
July, 2004	0.08	1.58	8.03	9.90	295.00	819.84
August, 2004	1.10	1.58	8.59	11.18	353.20	932.05
September, 2004	1.28	2.08	8.65	10.67	320.76	629.12
October, 2004	1.27	1.83	8.59	16.26	293.27	831.18
November, 2004	1.02	3.00	7.26	9.65	408.02	692.21
December, 2004	4.39	7.37	19.12	26.34	411.57	762.06
January, 2005	3.59	6.80	17.03	27.80	325.71	528.05
February, 2005	3.21	6.80	18.60	26.34	320.35	530.86
March, 2005	2.80	3.12	15.92	18.53	422.17	793.96

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