

APPENDIX

Appendix-I

Ambient Air Quality Data for parameters SO₂, NO_x, RSPM and SPM monitored at three sites in Kolhapur from September 2006 to August 2007 (Table 1 to Table 36).

Table 1: Ambient Air quality Data for SO₂ , NO_x,RSPM and SPM Monitored at Shivaji University station, Kolhapur for the month of September 2006.

(All values are in µg/m3)

SO ₂																	NO _x							
Sr. no.	Hrs. Date	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.							
1	04/09/06	5.0	6.0	6.5	5.3	4.1	3.6	6.5	5.1	11.1	12.9	13.4	12.1	10.8	9.4	13.4	11.6							
2	07/09/06	5.5	6.0	5.3	6.2	4.8	4.3	6.2	5.3	11.5	12.2	11.1	12.1	10.2	8.6	12.2	11.0							
3	11/09/06	*	5.5	6.5	6.0	4.3	3.6	6.5	5.2	*	8.5	10.9	7.1	7.2	6.1	10.9	8.0							
4	14/09/06	6.0	6.5	6.5	6.7	5.3	4.1	6.7	5.8	11.6	11.9	12.8	12.2	8.8	9.9	12.8	11.2							
5	18/09/06	5.7	*	*	5.3	4.0	3.4	5.7	4.6	9.2	*	*	9.2	8.2	7.5	9.2	8.5							
6	21/09/06	4.8	*	6.2	5.7	4.3	3.6	6.2	4.9	9.2	*	9.9	8.8	7.4	7.0	9.9	8.5							
7	25/09/06	*	*	5.3	5.7	4.8	4.1	5.7	5.0	*	*	8.5	9.5	8.1	6.7	9.5	8.2							
8	28/09/06	5.0	6.0	6.0	5.0	*	*	6.0	5.5	10.4	10.9	10.0	9.5	*	*	10.9	10.2							

RSPM															SPM				Weather	
Sr. No.	Date	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	Condition					
1	04/09/06	45.83	39.58	31.25	45.83	38.88	97.91	83.33	60.41	97.91	80.55	Cloudy								
2	07/09/06	35.41	54.16	35.41	54.16	41.66	95.82	139.57	74.99	139.57	103.46	Cloudy								
3	11/09/06	35.41	74.99	22.91	74.99	44.43	64.57	112.48	79.15	112.48	85.40	Cloudy								
4	14/09/06	29.16	43.74	33.33	43.74	35.41	85.40	137.48	72.91	137.48	98.59	Rainy								
5	18/09/06	20.83	37.50	25.00	37.50	27.77	70.83	116.60	79.16	116.60	88.86	Cloudy								
6	21/09/06	25.00	39.58	29.16	39.58	31.24	83.33	106.20	74.99	106.20	88.17	Cloudy								
7	25/09/06	*	30.55	35.41	35.41	32.98	*	83.32	89.57	89.57	86.44	Cloudy								
8	28/09/06	29.16	25.00	*	29.16	27.08	81.24	64.58	*	81.24	72.91	Cloudy								

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 2: Ambient Air quality Data for SO₂ , NO_x ,RSPM and SPM Monitored at Dahholkar corner station, Kolhapur for the month of September 2006.
(All values are in µg/m³)

SO2														NOx									
Sr.	Hrs.	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs	24 Hrs.	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs	24 Hrs.						
no.	Date	8.38	8.14	11	9.33	6.94	6.22	11	8.33	29.26	25.75	30.59	31.55	15.55	14.17	31.55	24.47						
1	01/09/06	10.85	10.53	11.25	9.81	7.42	5.98	11.25	9.3	39.76	33.96	44.86	31.51	21.17	18.75	44.86	31.66						
2	05/09/06	8.62	11.73	11.97	10.05	8.38	7.66	11.97	9.73	32.49	42.27	37.25	25.24	22.21	17.89	42.27	29.55						
3	08/09/06	*	9.81	10.53	7.18	5.02	6.46	10.53	7.8	*	33.28	45.9	32.67	23.94	22.64	45.9	31.68						
4	12/09/06	5.02	10.29	11.25	7.42	4.78	6.22	11.25	7.49	9.58	33.7	44.08	32.67	24.37	23.33	44.08	27.95						
5	15/09/06	9.81	10.53	9.81	11.25	6.46	5.98	11.25	8.97	31.2	36.56	55.49	42.7	22.47	19.33	55.49	34.62						
6	19/09/06	9.33	10.05	11	11.73	6.94	6.46	11.73	9.25	38.37	39.93	45.3	45.73	23.53	18.59	45.73	35.24						
7	22/09/06	10.53	11.25	12.21	12.93	9.81	9.09	12.93	10.97	37.86	42.01	45.46	48.24	38.29	33.8	48.24	40.94						
8	26/09/06	9.81	10.77	11.49	11.97	10.53	9.33	11.97	10.65	36.91	40.97	46.82	45.99	38.29	33.97	46.82	40.49						
9	29/09/06																						

RSPM														SPM				Weather	
Sr.	Date	6-14	14-22	22-6	8 hrs.	24 hrs.	6-14	14-22	22-6	8 hrs.	24 hrs.	6-14	14-22	22-6	8 hrs.	24 hrs.	Condition		
No.		Hrs.	Hrs.	Hrs.	Max.	Avg.	Hrs.	Hrs.	Hrs.	Max.	Avg.	Hrs.	Hrs.	Hrs.	Max.	Avg.			
1	01/09/06	75.00	81.25	58.33	81.25	71.52	308.30	443.75	216.60	443.75	322.88	Cloudy							
2	05/09/06	97.61	108.33	83.33	108.33	96.42	328.56	468.74	277.08	468.74	358.12	Cloudy							
3	08/09/06	120.83	143.75	106.25	143.75	123.61	418.74	566.66	308.33	566.66	431.24	Clear							
4	12/09/06	79.16	127.08	89.58	127.08	98.6	245.82	272.91	277.08	277.08	265.25	Cloudy							
5	15/09/06	35.41	135.41	97.91	135.41	89.57	97.90	322.90	243.74	322.90	221.51	Rainy							
6	19/09/06	60.41	85.41	50.00	85.41	65.27	235.41	581.20	297.90	581.20	371.5	Cloudy							
7	22/09/06	87.50	106.20	66.66	106.20	86.78	320.80	458.20	247.90	458.20	342.31	Cloudy							
8	26/09/06	125.00	150.00	58.33	150.00	111.11	370.83	641.66	147.91	641.66	386.8	Cloudy							
9	29/09/06	102.08	88.88	70.83	102.08	87.26	335.41	197.21	135.41	335.41	222.67	Rainy							

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 3: Ambient Air quality Data for SO₂, NO_x, RSPM and SPM Monitored at Mahadwar road station, Kolhapur for the month of September 2006.
(All values are in µg/m³)

SO2													NOx									
Sr.	Hrs.	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs	24 Hrs.	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs	24 Hrs.					
no.	Date	6.94	7.42	7.96	8.38	6.7	5.74	8.38	7.19	19.36	19.36	20.74	21.52	17.28	15.12	21.52	18.89					
1	02/09/06	6.94	7.42	7.96	8.38	6.7	5.74	8.38	7.19	19.36	19.36	20.74	21.52	17.28	15.12	21.52	18.89					
2	06/09/06	6.46	7.18	6.7	*	6.22	6.7	7.18	6.65	12.44	13.74	12.44	*	14.95	15.38	15.38	13.79					
3	09/09/06	*	5.55	6.46	6.7	5.74	4.78	6.7	5.84	*	14.6	12.27	12.53	10.28	8.46	14.6	11.62					
4	13/09/06	*	6.94	5.5	5.98	6.7	6.22	6.94	6.26	*	12.87	10.8	12.79	13.05	14.69	14.69	12.84					
5	16/09/06	4.78	6.22	7.18	7.9	5.26	5.74	7.9	6.18	13.31	15.9	19.18	16.93	13.81	13.22	19.18	15.4					
6	20/09/06	6.22	5.74	6.7	7.18	5.74	5	7.18	6.09	15.64	18.93	16.41	18.93	15.12	12.42	18.93	16.24					
7	23/09/06	5.74	6.7	7.18	7.66	6.22	5.26	7.66	6.46	18.2	16.33	18.23	17.8	14.43	12.09	18.23	16.18					
8	27/09/06	6.7	7.66	9.57	8.85	5.98	5.26	9.57	7.33	21.52	24.53	28.18	21.17	14.09	11.49	28.18	20.16					
9	30/09/06	5.98	6.94	6.94	7.66	4.54	4.07	7.66	6.02	22.47	24.81	24.2	25.67	12.35	9.5	25.67	19.83					

RSPM										SPM				Weather	
Sr.	Date	6-14	14-22	22-6	8 hrs.	24 hrs.	6-14	14-22	22-6	8 hrs.	24 hrs.	Weather	Condition		
No.		Hrs.	Hrs.	Hrs.	Max.	Avg.	Hrs.	Hrs.	Hrs.	Max.	Avg.				
1	02/09/06	43.75	75.00	25.00	75.00	47.91	120.83	175.00	64.58	175.00	120.13	Cloudy			
2	06/09/06	60.41	50.00	75.00	75.00	61.8	139.57	133.33	181.25	181.25	151.38	Cloudy			
3	09/09/06	40.00	68.75	35.41	68.75	48.75	110.00	147.91	72.91	147.91	110.27	Cloudy			
4	13/09/06	64.58	22.91	68.74	68.74	52.07	99.99	135.40	143.73	143.73	126.37	Rainy			
5	16/09/06	56.25	60.41	41.66	60.41	52.77	134.50	166.60	122.90	166.60	141.33	Cloudy			
6	20/09/06	50.00	64.58	43.75	64.58	52.77	156.20	206.20	125.00	206.20	162.46	Cloudy			
7	23/09/06	45.23	47.22	41.66	47.22	44.70	133.32	163.88	114.57	163.88	137.25	Cloudy			
8	27/09/06	43.75	66.66	35.41	66.66	48.6	141.60	181.20	116.60	181.20	146.46	Cloudy			
9	30/09/06	74.99	120.83	64.58	120.83	86.8	127.07	177.07	116.66	177.07	140.26	Cloudy			

		RSPM										SPM										Weather	
Sr. No.	Date	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	Condition
1	02/09/06	43.75	75.00	25.00	75.00	47.91	120.83	175.00	64.58	175.00	120.83	175.00	64.58	175.00	120.13	120.13	175.00	120.13	120.13	120.13	120.13	120.13	Cloudy
2	06/09/06	60.41	50.00	75.00	75.00	61.8	139.57	133.33	181.25	181.25	139.57	133.33	181.25	181.25	151.38	151.38	181.25	151.38	151.38	151.38	151.38	151.38	Cloudy
3	09/09/06	40.00	68.75	35.41	68.75	48.75	110.00	147.91	72.91	147.91	110.00	147.91	72.91	147.91	110.27	110.27	147.91	110.27	110.27	110.27	110.27	110.27	Cloudy
4	13/09/06	64.58	22.91	68.74	68.74	52.07	99.99	135.40	143.73	143.73	99.99	135.40	143.73	143.73	126.37	126.37	143.73	126.37	126.37	126.37	126.37	126.37	Rainy
5	16/09/06	56.25	60.41	41.66	60.41	52.77	134.50	166.60	122.90	166.60	134.50	166.60	122.90	166.60	141.33	141.33	166.60	141.33	141.33	141.33	141.33	141.33	Cloudy
6	20/09/06	50.00	64.58	43.75	64.58	52.77	156.20	206.20	125.00	206.20	156.20	206.20	125.00	206.20	162.46	162.46	206.20	162.46	162.46	162.46	162.46	162.46	Cloudy
7	23/09/06	45.23	47.22	41.66	47.22	44.70	133.32	163.88	114.57	163.88	133.32	163.88	114.57	163.88	137.25	137.25	163.88	137.25	137.25	137.25	137.25	137.25	Cloudy
8	27/09/06	43.75	66.66	35.41	66.66	48.6	141.60	181.20	116.60	181.20	141.60	181.20	116.60	181.20	146.46	146.46	181.20	146.46	146.46	146.46	146.46	146.46	Cloudy
9	30/09/06	74.99	120.83	64.58	120.83	86.8	127.07	177.07	116.66	177.07	127.07	177.07	116.66	177.07	140.26	140.26	177.07	140.26	140.26	140.26	140.26	140.26	Cloudy

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 4: Ambient Air quality Data for SO₂, NO_x, RSPM and SPM Monitored at Shivaji University station, Kolhapur for the month of October 2006.

(All values are in $\mu\text{g}/\text{m}^3$)

Sr. no.	Hrs. Date	SO2										NOX																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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8/02/28					22/02/				

		RSPM						SPM						Weather	
Sr.	Date	6-14	14-22	22-6	8 hrs.	24 hrs.		6-14	14-22	22-6	8 hrs.	24 hrs.			
No.		Hrs.	Hrs.	Hrs.	Max.	Avg.		Hrs.	Hrs.	Hrs.	Max.	Avg.			
1	02/10/06	31.24	47.91	*	47.91	39.57		74.98	108.32	*	108.32	145.8	Cloudy		
2	05/10/06	70.83	39.58	27.08	70.83	45.83		179.16	99.99	70.82	179.16	116.6	Cloudy		
3	09/10/06	*	37.50	31.25	37.50	34.37		*	116.30	81.25	116.30	98.77	Cloudy		
4	12/10/06	31.25	35.41	29.16	35.41	31.94		91.66	87.49	68.74	91.66	82.63	Clear		
5	16/10/06	61.11	62.50	43.75	62.50	55.78		136.11	150.00	93.75	150.00	126.6	Cloudy		
6	19/10/06	41.66	45.83	33.33	45.83	40.27		91.66	102.08	72.91	102.08	88.88	Clear		
7	23/10/06	27.08	43.74	22.91	43.74	31.24		66.66	99.98	60.40	99.98	75.68	Cloudy		
8	26/10/06	29.16	41.66	22.91	41.66	31.24		68.74	106.24	58.32	106.24	77.76	Clear		
9	30/10/06	50.00	60.41	33.33	60.41	47.91		111.11	139.57	72.91	139.57	107.9	Cloudy		

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 5: Ambient Air quality Data for SO₂, NO_x, RSPM and SPM Monitored at Dabholkar corner station, Kolhapur for the month of October 2006.

(All values are in µg/m³)

Sr. no.		SO ₂										NO _x																		
		Hrs.		06		10		14		18		22		02		06		4Hrs		24 Hrs.		02		06		4Hrs		24 Hrs.		
		Date																												
1		03/10/06	8.38	9.09	11.97	13.88	6.94	6.46	13.88	9.45	32.84	49.88	48.66	50.13	35.35	33.79	50.13	41.77												
2		06/10/06	10.29	11.49	11.73	11.25	9.81	10.29	11.73	10.81	37.42	42.27	46.68	48.66	34.14	35.61	48.66	40.79												
3		10/10/06	8.85	9.33	10.77	11.73	5.74	6.7	11.73	8.85	34.66	39.44	46.51	47.37	30.08	24.46	47.37	37.08												
4		13/10/06	9.33	10.05	11.25	9.81	6.22	5.74	11.25	8.72	32.07	38.03	47.5	46.14	29.41	28.58	47.5	38.46												
5		17/10/06	8.62	10.05	10.77	11.73	9.81	7.9	11.73	9.81	37.77	43.83	48.32	49.53	45.64	37.17	49.53	43.71												
6		20/10/06	7.9	9.81	11.49	10.53	7.18	5.74	11.49	8.77	34.65	43.65	48.06	48.07	37.34	32.5	48.07	40.71												
7		24/10/06	8.62	9.33	11.25	14.12	9.81	8.85	14.12	10.33	32.85	48.58	47.46	49.79	36.65	32.62	49.79	41.36												
8		27/10/06	10.53	9.81	12.69	13.88	10.05	8.62	13.88	10.93	37.43	48.15	51.87	44.34	29.56	32.67	51.87	40.67												
9		31/10/06	9.09	8.85	10.77	14.6	9.33	8.38	14.6	10.17	38.81	48.41	46.16	50.39	36.82	29.38	50.39	41.66												

Sr. No.	Date	RSPM										SPM										Weather	
		06-14					15-22					23-30					31-06						
		06	14	22	22-6	8 hrs.	14-22	22-6	8 hrs.	14-22	22-6	8 hrs.	14-22	22-6	8 hrs.	14-22	22-6	8 hrs.	14-22	22-6	8 hrs.		
1	03/10/06	154.16	199.99	70.83	199.99	141.63	402.07	656.23	145.82	656.23	401.37	Cloudy											
2	06/10/06	110.41	120.83	89.58	120.83	106.94	362.49	381.24	304.16	381.24	349.2	Cloudy											
3	10/10/06	114.50	139.50	58.33	139.50	104.20	458.20	616.50	152.08	616.50	408.92	Cloudy											
4	13/10/06	106.20	125.00	54.16	125.00	95.12	464.50	497.90	147.91	497.90	370.10	Clear											
5	17/10/06	156.25	185.41	83.33	185.41	141.66	381.25	654.16	224.99	654.16	420.13	Cloudy											
6	20/10/06	145.80	160.40	70.83	160.40	125.67	341.60	749.90	320.80	749.90	474.1	Clear											
7	24/10/06	162.49	206.24	89.58	206.24	152.77	418.73	687.48	237.49	687.48	447.90	Cloudy											
8	27/10/06	158.33	216.66	102.08	216.66	159.02	449.99	704.15	241.66	704.15	465.26	Clear											
9	31/10/06	152.08	210.41	85.41	210.41	149.30	399.99	683.32	239.57	683.32	440.96	Clear											

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 6: Ambient Air quality Data for SO₂, NO_x, RSPM and SPM Monitored at Mahadwar road station, Kolhapur for the month of October 2006.
(All values are in µg/m³)

SO ₂															NO _x												
Sr.	Hrs.	06	10	14	18	22	02	06	10	14	18	22	02	06	4Hrs	24 Hrs.	06	10	14	18	22	02	06	4Hrs	24 Hrs.	Max	Avg.
no.	Date	06	10	14	18	22	02	06	10	14	18	22	02	06	Max	Avg.	06	10	14	18	22	02	06	Max	Avg.		
1	04/10/06	4.54	8.85	9.81	10.77	5.5	6.94	10.77	7.73	10.8	24.54	12.79	26.36	9.32	11.15	26.36	15.82										
2	07/10/06	5.5	6.94	12.93	10.29	6.22	5.74	12.93	7.93	21.26	24.37	31.29	29.3	10.63	10.11	31.29	21.16										
3	11/10/06	4.54	4.31	6.38	8.85	5.98	5	8.85	5.84	23.34	26.96	31.34	26.02	13.05	10.71	31.34	21.9										
4	14/10/06	7.98	6.7	6.94	8.14	6.4	5.5	8.14	6.94	23.87	26.45	27.74	25.23	18.75	14.95	27.74	22.83										
5	18/10/06	5.5	6.46	6.22	7.42	5.26	4.78	7.42	5.94	24.2	26.27	25.92	24.12	19.01	16.76	26.27	22.71										
6	21/10/06	7.42	8.38	5.5	6.46	9.33	8.62	9.33	7.61	24.02	26.96	14.86	18.41	33.02	24.2	33.02	25.16										
7	25/10/06	3.35	5.5	10.29	11.49	6.7	5.02	11.49	7.05	11.05	25.58	13.3	27.83	10.37	8.37	27.83	16.08										
8	28/10/06	2.39	6.22	6.94	7.9	5.02	4.78	7.9	5.54	11.49	23.51	27.5	24.12	10.79	8.38	27.5	19.57										

RSPM															SPM												
Sr.	Date	6-14	14-22	22-6	8 hrs.	24 hrs.	6-14	14-22	22-6	8 hrs.	24 hrs.	6-14	14-22	22-6	8 hrs.	24 hrs.	6-14	14-22	22-6	8 hrs.	24 hrs.	6-14	14-22	22-6	8 hrs.	24 hrs.	Weather
No.		Hrs.	Hrs.	Hrs.	Max.	Avg.	Hrs.	Hrs.	Hrs.	Max.	Avg.	Hrs.	Hrs.	Hrs.	Max.	Avg.	Hrs.	Hrs.	Hrs.	Max.	Avg.	Hrs.	Hrs.	Hrs.	Max.	Avg.	Condition
1	04/10/06	56.24	81.24	43.74	81.24	60.4	162.48	212.48	133.32	212.48	169.40	Cloudy															
2	07/10/06	50.00	88.88	39.58	88.88	59.48	172.90	280.50	122.90	280.50	192.10	Cloudy															
3	11/10/06	69.44	93.93	41.66	93.93	68.34	316.60	475.70	143.74	475.70	312.01	Clear															
4	14/10/06	60.00	81.25	35.41	81.25	58.88	130.00	202.08	95.82	202.08	142.63	Cloudy															
5	18/10/06	85.41	100.00	47.91	100.00	77.77	206.24	213.88	104.16	213.88	174.76	Clear															
6	21/10/06	122.91	164.58	131.24	164.58	139.57	285.40	345.82	285.40	345.82	305.54	Clear															
7	25/10/06	64.58	89.58	52.08	89.58	68.74	179.16	222.91	152.07	222.91	184.71	Clear															
8	28/10/06	62.50	81.25	41.66	81.25	61.80	291.60	339.50	172.91	339.50	268.00	Clear															

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 8: Ambient Air quality Data for SO₂, NO_x, RSPM and SPM Monitored at Dabholkar corner station, Kolhapur for the month of November 2006.

(All values are in µg/m³)

Sr. no.	Hrs. Date	SO ₂								NO _x							
		06	10	14	18	22	02	06	10	14	18	22	02	06	10	14	18
		Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	Max
1	03/11/06	8.38	7.66	10.5	13.4	11.73	9.33	13.4	10.16	34.63	41.75	46.93	48.75	40.2	33.54	48.75	40.96
2	07/11/06	*	5.74	10.05	14.12	5.90	5.26	14.12	8.21	*	38.98	46.08	46.85	32.49	25.58	46.85	37.99
3	10/11/06	5.5	5.98	10.77	11.25	6.46	5.5	11.25	7.57	38.81	40.02	46.76	46.68	32.32	26.02	46.76	38.43
4	14/11/06	7.9	8.38	11.73	12.69	7.42	6.7	12.69	9.13	35.79	47.02	50.48	53.25	35.26	31.11	53.25	42.15
5	17/11/06	8.38	8.85	12.21	13.17	7.66	7.18	13.17	9.57	34.05	46.51	50.14	55.15	32.85	31.29	55.15	41.66
6	21/11/06	7.9	9.33	10.53	12.45	6.94	6.46	12.45	9.33	38.46	46.33	52.64	51.26	30.25	28.78	52.64	41.28
7	24/11/06	*	*	6.94	6.70	3.83	3.35	6.94	5.2	*	34.49	38.37	19.18	15.81	38.37	26.96	26.96
8	28/11/06	9.33	9.81	11.25	13.17	6.46	5.26	13.17	9.21	33.27	38.46	37.94	42.09	36.21	35.44	42.09	37.23

Sr. No.	Date	RSPM								SPM				Weather	
		6-14	14-22	22-6	8 hrs.	24 hrs.	6-14	14-22	22-6	8 hrs.	24 hrs.	24 hrs.	Avg.	Condition	
		Hrs.	Hrs.	Hrs.	Max.	Avg.	Hrs.	Hrs.	Hrs.	Max.	Max.	Max.	Avg.		
1	03/11/06	118.75	195.83	91.66	195.83	135.41	300.00	554.16	235.41	554.16	363.19	363.19	363.19	Clear	
2	07/11/06	20.83	10.41	81.25	81.25	68.72	270.83	479.16	110.41	479.16	286.8	286.8	286.8	Clear	
3	10/11/06	108.33	122.90	66.66	122.90	99.29	424.99	522.90	279.16	522.90	409.01	409.01	409.01	Clear	
4	14/11/06	24.99	70.83	14.58	70.83	36.80	347.90	493.74	187.49	493.74	343.04	343.04	343.04	Clear	
5	17/11/06	35.41	85.41	22.91	85.41	47.91	374.99	549.99	204.15	549.99	367.37	367.37	367.37	Clear	
6	21/11/06	87.50	106.20	60.41	106.20	84.70	283.30	479.10	210.41	479.10	324.27	324.27	324.27	Cloudy	
7	24/11/06	*	60.41	41.66	60.41	51.03	*	193.70	145.80	193.70	169.75	169.75	169.75	Rainy	
8	28/11/06	79.16	116.60	64.58	116.60	86.78	237.40	404.11	187.40	404.11	276.3	276.3	276.3	Clear	

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 9: Ambient Air quality Data for SO₂, NO_x, RSPM and SPM Monitored at Mahadwar road station, Kolhapur for the month of November 2006.

(All values are in µg/m³)

SO2														NOx													
Sr.	Hrs.	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.										
no.	Date																										
1	01/11/06	2.63	7.66	9.57	6.22	5.74	5.26	9.57	6.18	9.58	13.91	12.74	23.16	10.1	8.12	23.16	12.93										
2	04/11/06	5.02	6.94	5.98	6.94	4.54	5.26	6.94	5.78	14.78	21.34	26.02	25.07	12.18	11.4	26.02	18.49										
3	08/11/06	2.87	5.74	4.78	5.74	5.26	6.46	6.46	5.14	12.44	13.05	5.95	6.3	6.99	5.09	12.44	8.36										
4	11/11/06	*	4.07	9.81	10.53	5.74	2.87	10.53	6.6	*	24.28	29.56	26.36	26.28	9.93	29.56	23.28										
5	15/11/06	1.91	4.54	4.07	5.02	1.67	3.11	5.02	3.38	8.72	11.40	13.14	14.86	6.99	6.65	14.86	10.29										
6	18/11/06	1.43	4.78	5.26	6.7	4.00	3.59	6.7	4.29	6.82	11.92	19.27	24.37	10.62	10.79	24.37	13.96										
7	22/11/06	4.15	5.42	4.78	5.26	3.35	2.87	5.42	4.3	10.36	13.36	14.09	17.11	7.69	5.87	17.11	11.41										
8	25/11/06	*	3.59	4.54	6.46	2.87	2.39	6.46	3.97	*	8.89	12.61	15.21	7.08	6.13	15.21	9.98										
9	29/11/06	3.83	4.54	5.5	6.22	4.31	3.59	6.22	4.66	10.48	15.99	19.36	21.86	16.67	13.48	21.86	16.30										

RSPM														SPM												Weather	
Sr.	Date	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	Weather Condition										
No.																											
1	01/11/06	81.25	83.33	43.75	83.33	69.44	191.6	208.30	89.58	208.30	163.16	191.6	208.30	89.58	208.30	163.16	Clear										
2	04/11/06	85.41	77.08	60.41	85.41	74.30	204.16	160.41	124.99	204.16	163.18	204.16	160.41	124.99	204.16	163.18	Cloudy										
3	08/11/06	100.00	81.25	56.25	100.00	79.16	221.40	168.75	97.91	221.40	162.68	221.40	168.75	97.91	221.40	162.68	Clear										
4	11/11/06	58.33	85.41	41.66	85.41	61.80	160.41	208.32	127.07	208.32	147.6	160.41	208.32	127.07	208.32	147.6	Cloudy										
5	15/11/06	68.74	110.41	54.16	110.41	77.77	216.65	314.57	120.82	314.57	217.34	216.65	314.57	120.82	314.57	217.34	Clear										
6	18/11/06	62.50	113.80	45.83	113.80	74.04	266.20	424.90	199.90	424.90	297.00	266.20	424.90	199.90	424.90	297.00	Clear										
7	22/11/06	72.22	66.66	35.41	72.22	58.09	236.40	220.80	95.82	236.40	184.24	236.40	220.80	95.82	236.40	184.24	Clear										
8	25/11/06	60.41	56.25	31.25	60.41	49.30	191.66	220.85	83.33	220.85	165.28	191.66	220.85	83.33	220.85	165.28	Clear										
9	29/11/06	52.38	58.33	31.25	58.33	47.32	152.38	164.58	95.83	164.58	137.59	152.38	164.58	95.83	164.58	137.59	Clear										

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 10: Ambient Air quality Data for SO₂, NO_x, RSPM and SPM Monitored at Shivaji University station, Kolhapur for the month of December 2006.
(All values are in µg/m³)

SO2										NOX									
Sr. no.	Hrs. Date	06-10	10-14	14-18	18-22	22-02	02-06	4Hrs Max	24 Hrs. Avg.	06-10	10-14	14-18	18-22	22-02	02-06	4Hrs Max	24 Hrs. Avg.		
1	04/12/06	3.83	5.02	6.22	6.70	1.43	2.15	6.70	4.22	8.98	8.29	10.80	13.55	3.79	3.97	13.55	8.23		
2	07/12/06	2.63	5.50	6.70	6.94	2.15	1.67	6.94	4.26	6.13	8.37	11.23	14.00	4.31	3.71	14.00	7.95		
3	11/12/06	7.66	5.26	5.74	5.50	3.35	2.87	7.66	5.06	10.53	8.89	11.14	13.22	7.54	5.68	13.22	9.50		
4	14/12/06	*	5.98	6.94	5.98	3.83	3.35	6.94	5.21	*	8.12	10.37	12.70	7.52	6.13	12.70	8.96		
5	18/12/06	*	6.01	6.25	5.77	3.60	3.60	6.25	5.04	*	9.33	10.97	12.61	6.91	6.30	12.61	10.91		
6	21/12/06	5.74	6.46	6.94	6.46	3.83	3.38	6.94	5.46	10.71	7.06	11.05	12.52	7.08	5.35	12.52	8.96		
7	25/12/06	*	6.22	5.98	5.02	3.11	3.59	6.22	4.78	*	8.11	11.05	11.17	6.04	5.87	11.17	8.44		
8	28/12/06	7.18	5.74	6.46	5.02	2.87	2.63	7.18	4.98	8.98	6.79	11.14	12.79	6.04	5.35	12.79	8.51		

RSPM										SPM										Weather Condition			
Sr. No.	Date	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	Weather Condition
1	04/12/06	55.55	72.91	33.33	72.91	33.33	72.91	53.93	122.21	154.15	70.82	154.15	115.72	154.15	115.72	115.72	154.15	115.72	115.72	115.72	115.72	115.72	Clear
2	07/12/06	45.83	70.83	29.16	70.83	29.16	70.83	48.60	99.99	166.24	62.49	166.24	106.24	166.24	106.24	106.24	166.24	106.24	106.24	106.24	106.24	106.24	Clear
3	11/12/06	47.22	41.66	31.25	47.22	41.66	31.25	40.04	127.70	139.50	85.41	127.70	139.50	117.53	139.50	117.53	139.50	117.53	117.53	117.53	117.53	117.53	Clear
4	14/12/06	45.83	37.50	25.00	45.83	37.50	25.00	36.11	104.16	93.75	64.58	104.16	87.49	104.16	87.49	87.49	104.16	87.49	87.49	87.49	87.49	87.49	Clear
5	18/12/06	62.50	60.41	33.33	62.50	33.33	62.50	52.08	150.00	141.66	89.58	150.00	127.08	150.00	127.08	127.08	150.00	127.08	127.08	127.08	127.08	127.08	Clear
6	21/12/06	58.33	56.25	39.58	58.33	39.58	58.33	51.36	147.21	162.50	99.99	162.50	136.56	162.50	136.56	136.56	162.50	136.56	136.56	136.56	136.56	136.56	Clear
7	25/12/06	58.33	56.24	31.24	58.33	31.24	58.33	48.60	158.32	131.23	83.32	158.32	124.29	158.32	124.29	124.29	158.32	124.29	124.29	124.29	124.29	124.29	Clear
8	28/12/06	33.33	52.08	27.08	52.08	27.08	52.08	37.49	96.66	120.82	74.99	120.82	97.49	120.82	97.49	97.49	120.82	97.49	97.49	97.49	97.49	97.49	Clear

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 11: Ambient Air quality Data for SO₂, NO_x, RSPM and SPM Monitored at Dabholkar corner station, Kolhapur for the month of December 2006.
(All values are in µg/m³)

SO2														NOX															
Sr. no.	Hrs. Date	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.	Weather condition											
1	01/12/06	*	12.93	10.05	13.64	6.94	5.02	13.64	9.71	*	34.66	38.55	45.04	38.29	35.69	45.04	38.44	Clear											
2	05/12/06	8.38	10.29	12.45	14.12	5.74	4.54	14.12	9.25	32.33	39.76	42.78	45.12	31.11	32.84	45.78	37.32	Clear											
3	08/12/06	7.90	9.81	12.69	13.64	5.50	4.31	13.64	12.24	32.67	40.37	43.66	45.99	30.86	27.74	45.99	36.88	Clear											
4	12/12/06	9.00	10.53	12.21	12.93	6.46	5.74	12.93	9.47	32.77	37.86	41.92	40.28	27.06	21.69	41.92	33.59	Clear											
5	15/12/06	10.05	11.01	12.45	13.64	9.33	7.42	13.64	10.65	31.80	38.90	43.74	43.74	35.01	31.29	43.74	37.41	Clear											
6	19/12/06	9.86	10.34	12.51	12.51	6.97	6.49	12.51	9.78	33.01	36.38	41.84	40.36	26.10	21.86	41.84	33.25	Clear											
7	22/12/06	7.66	8.14	12.21	14.12	7.66	6.94	14.12	9.45	31.80	36.56	42.35	41.32	26.45	22.56	42.35	33.50	Clear											
8	26/12/06	10.29	11.73	13.64	12.69	7.90	7.42	13.64	10.61	31.29	37.00	43.31	40.89	26.19	23.60	43.31	33.71	Clear											
9	29/12/06	10.77	12.69	14.12	11.97	8.38	9.09	14.12	11.17	32.46	37.69	45.12	39.93	25.58	26.62	45.12	34.56	Clear											

RSPM														SPM														Weather	
Sr. No.	Date	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	Condition												
1	01/12/06	83.33	129.16	70.83	129.16	94.44	412.49	439.57	202.08	439.57	351.38	412.49	439.57	202.08	439.57	351.38	Clear												
2	05/12/06	85.41	122.91	56.24	122.91	88.18	266.48	535.40	181.23	535.40	327.70	266.48	535.40	181.23	535.40	327.70	Clear												
3	08/12/06	83.33	129.16	54.16	129.16	88.80	260.41	512.49	183.32	512.49	318.74	260.41	512.49	183.32	512.49	318.74	Clear												
4	12/12/06	72.91	91.66	58.33	91.66	74.30	268.70	435.41	218.70	435.41	307.60	268.70	435.41	218.70	435.41	307.60	Clear												
5	15/12/06	62.50	106.25	50.00	106.25	72.91	243.75	464.58	158.33	464.58	288.88	243.75	464.58	158.33	464.58	288.88	Clear												
6	19/12/06	81.25	102.08	64.58	102.08	82.63	293.75	454.16	266.66	454.16	338.19	293.75	454.16	266.66	454.16	338.19	Clear												
7	22/12/06	83.33	118.75	81.25	118.75	94.44	310.41	518.75	293.75	518.75	374.30	310.41	518.75	293.75	518.75	374.30	Clear												
8	26/12/06	87.49	112.49	68.74	112.49	89.57	318.73	516.65	274.98	516.65	370.12	318.73	516.65	274.98	516.65	370.12	Clear												
9	29/12/06	93.74	118.74	64.58	118.74	92.35	347.9	533.32	264.57	533.32	381.93	347.9	533.32	264.57	533.32	381.93	Clear												

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 12: Ambient Air quality Data for SO₂, NO_x, RSPM and SPM Monitored at Mahadwar road station, Kolhapur for the month of December 2006.
(All values are in µg/m³)

		SO ₂										NO _x										Weather	
Sr. no.	Hrs. Date	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.	Weather condition					
1	02/12/06	2.15	5.02	5.98	6.70	2.15	1.67	6.70	3.94	8.56	16.59	20.04	23.08	6.3	5.44	23.08	13.33	Clear					
2	06/12/06	5.74	7.98	11.01	6.22	3.83	4.07	11.01	6.47	10.94	12.21	10.82	14.00	6.82	6.48	14.00	10.21	Clear					
3	09/12/06	5.74	6.70	6.94	7.66	4.54	3.83	7.66	5.90	10.48	21.69	23.60	21.44	12.96	9.07	23.60	16.54	Clear					
4	13/12/06	6.22	12.93	16.28	9.33	5.02	3.59	16.28	8.89	17.37	34.40	43.05	29.47	9.59	8.11	43.05	23.66	Clear					
5	16/12/06	*	7.42	9.81	9.57	5.74	4.78	9.81	7.46	*	22.99	19.10	16.41	12.44	9.59	22.99	16.10	Clear					
6	20/12/06	9.09	*	10.20	10.08	6.94	7.98	10.20	8.85	37.86	*	27.54	39.53	10.20	10.30	39.53	25.08	Clear					
7	23/12/06	3.51	7.02	12.45	7.90	1.67	1.19	12.45	5.62	11.51	23.05	41.14	22.38	6.48	5.26	41.14	18.30	Clear					
8	27/12/06	7.66	8.93	10.05	7.90	5.02	4.54	10.05	7.35	19.93	26.16	36.99	22.30	9.67	8.03	36.99	20.51	Clear					
9	30/12/06	8.62	5.98	8.14	7.18	5.26	4.31	8.62	6.58	18.90	19.35	30.25	22.65	11.75	12.70	30.25	19.25	Clear					

		RSPM										SPM										Weather	
Sr. No.	Date	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	Weather Condition						
1	02/12/06	49.99	66.66	35.41	66.66	50.68	147.9	189.57	106.24	189.57	147.90	147.9	189.57	106.24	189.57	147.90	Clear						
2	06/12/06	80.55	102.77	35.41	102.77	72.98	211.0	272.21	83.32	272.21	188.87	211.0	272.21	83.32	272.21	188.87	Clear						
3	09/12/06	61.90	60.41	33.33	61.90	51.88	201.30	214.50	99.99	214.50	171.93	201.30	214.50	99.99	214.50	171.93	Clear						
4	13/12/06	86.11	108.33	47.91	108.33	80.78	305.55	511.10	116.65	511.10	311.10	305.55	511.10	116.65	511.10	311.10	Clear						
5	16/12/06	70.83	62.50	39.58	70.83	57.63	441.60	418.75	162.40	441.60	340.91	441.60	418.75	162.40	441.60	340.91	Clear						
6	20/12/06	17.50	80.55	50.00	80.55	49.35	359.10	349.99	121.42	359.10	276.83	359.10	349.99	121.42	359.10	276.83	Clear						
7	23/12/06	74.99	108.33	52.77	108.33	78.69	216.65	286.10	155.54	286.10	219.43	216.65	286.10	155.54	286.10	219.43	Clear						
8	27/12/06	69.44	86.11	47.22	86.11	67.59	191.66	336.10	136.10	336.10	221.28	191.66	336.10	136.10	336.10	221.28	Clear						
9	30/12/06	69.00	66.66	37.50	69.00	57.72	292.80	377.70	135.40	377.70	268.63	292.80	377.70	135.40	377.70	268.63	Clear						

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 13: Ambient Air quality Data for SO2 , NOX ,RSPM and SPM Monitored at Shivaji University station, Kolhapur for the month of January 2007.

(All values are in µg/m3)

SO2										NOX									
Sr. no.	Hrs. Date	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.		
1	01/01/07	*	3.83	6.70	5.26	3.35	3.59	6.70	4.54	*	8.80	11.23	13.04	6.30	5.70	13.04	9.01		
2	04/01/07	*	4.54	6.46	6.46	3.59	4.54	6.46	5.83	*	5.18	11.40	12.22	7.08	6.12	12.22	8.46		
3	08/01/07	*	4.78	7.18	8.14	3.83	3.35	7.18	5.45	*	9.84	11.58	13.83	6.90	6.38	13.83	9.70		
4	11/01/07	5.50	6.46	7.66	8.62	3.59	2.87	8.62	5.78	5.26	5.61	11.06	13.14	6.21	5.52	13.14	7.80		
5	15/01/07	5.74	6.70	6.94	4.78	3.11	3.83	6.94	5.18	9.67	10.54	12.35	10.19	5.35	6.56	12.35	9.11		
6	18/01/07	4.78	6.70	7.42	4.54	2.63	3.59	7.42	4.94	9.33	11.06	12.01	9.85	5.10	6.56	12.01	8.98		
7	22/01/07	*	5.26	7.18	5.98	3.83	3.59	7.18	5.16	*	10.20	11.06	10.20	5.52	5.52	11.06	8.50		
8	25/01/07	5.00	*	7.90	6.46	4.54	4.07	7.90	5.59	13.22	*	11.40	10.11	6.22	5.18	13.22	9.22		
9	29/01/07	*	5.47	7.09	5.26	3.11	3.83	7.09	4.95	*	10.02	12.01	10.11	8.44	5.61	12.01	9.23		

RSPM										SPM										Weather	
Sr. No.	Date	6-14	14-22	22-6	8 hrs.	Max.	24 hrs.	6-14	14-22	22-6	8 hrs.	Max.	24 hrs.	6-14	14-22	22-6	8 hrs.	Max.	24 hrs.	Weather Condition	
1	01/01/07	50.00	56.25	20.83	56.25	20.83	42.36	137.5	154.10	66.66	154.10	119.42								Clear	
2	04/01/07	29.16	45.83	27.08	45.83	27.08	34.02	110.41	161.30	99.99	161.30	123.90								Clear	
3	08/01/07	58.00	62.50	31.25	62.50	31.25	50.58	149.66	170.83	87.50	170.83	135.99								Clear	
4	11/01/07	60.41	70.83	41.66	70.83	41.66	57.63	149.91	193.74	102.02	193.74	148.55								Clear	
5	15/01/07	41.66	52.08	22.91	52.08	22.91	38.88	95.82	118.74	64.57	118.74	93.04								Clear	
6	18/01/07	37.49	56.24	20.83	56.24	20.83	38.18	99.98	127.07	66.66	127.07	97.90								Clear	
7	22/01/07	66.66	60.41	31.25	66.66	31.25	52.77	162.49	131.24	77.08	162.49	123.60								Clear	
8	25/01/07	50.00	66.66	33.33	66.66	33.33	49.99	116.66	143.74	83.33	143.74	114.57								Clear	
9	29/01/07	75.00	66.66	27.08	75.00	27.08	56.24	175.00	143.74	68.74	175.00	129.16								Clear	

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 14: Ambient Air quality Data for SO₂ , NO_x ,RSPM and SPM Monitored at Dabholkar corner station, Kolhapur for the month of January 2007.
(All values are in µg/m³)

		SO ₂										NO _x									
Sr. no.	Hrs. Date	06 10	10 14	14 18	18 22	22 02	02 06	06 10	10 14	14 18	18 22	22 02	02 06	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.
1	02/01/07	12.45	14.60	14.60	15.56	9.33	8.38	15.56	12.48	31.37	35.27	43.91	42.18	28.00	24.19	43.91	43.91	34.15	34.15	43.91	34.15
2	05/01/07	16.52	19.15	23.94	22.00	11.73	8.85	23.94	17.03	33.28	34.49	43.57	41.67	27.05	24.27	43.57	43.57	34.05	34.05	43.57	34.05
3	09/01/07	12.93	15.08	15.56	16.52	10.05	8.85	16.52	13.16	31.63	35.78	44.78	42.70	28.52	25.76	44.78	44.78	34.86	34.86	44.78	34.86
4	12/01/07	*	16.04	16.52	17.24	9.33	7.66	17.24	13.35	*	36.47	45.38	43.04	29.48	26.28	45.38	45.38	36.13	36.13	45.38	36.13
5	16/01/07	10.77	11.97	13.88	12.45	7.66	8.38	13.88	10.85	32.15	39.07	49.45	40.88	23.68	25.93	49.45	49.45	35.19	35.19	49.45	35.19
6	19/01/07	11.25	12.45	14.84	11.97	7.18	8.38	14.84	11.00	32.50	39.41	51.52	40.97	22.81	26.01	51.52	51.52	35.53	35.53	51.52	35.53
7	23/01/07	11.25	12.21	15.32	14.36	9.33	8.62	15.32	11.84	47.80	52.91	52.82	50.39	30.78	29.21	52.91	52.91	43.98	43.98	52.91	43.98
8	26/01/07	10.53	11.73	14.84	13.64	8.14	7.42	14.84	11.05	46.91	48.84	49.27	51.35	27.74	26.11	48.84	49.27	41.70	41.70	48.84	41.70
9	30/01/07	11.73	12.93	16.76	11.73	8.14	9.57	16.76	11.81	49.96	51.75	56.02	48.75	29.04	30.60	56.02	56.02	44.35	44.35	56.02	44.35

		RSPM										SPM										Weather	
Sr. no.	Date	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	Condition	
1	02/01/07	93.75	125.00	100.00	125.00	106.25	395.75	514.50	329.1	514.50	413.11	Clear										Clear	
2	05/01/07	102.08	118.75	91.66	118.75	104.16	372.90	427.00	343.74	427.00	381.21	Clear										Clear	
3	09/01/07	102.08	135.41	108.33	135.41	115.27	397.91	529.16	312.49	529.16	413.18	Clear										Clear	
4	12/01/07	129.16	139.58	122.91	139.58	130.55	629.16	539.58	335.41	629.16	501.38	Clear										Clear	
5	16/01/07	108.33	138.88	79.16	138.88	108.79	327.77	522.21	266.65	522.21	372.21	Clear										Clear	
6	19/01/07	113.88	144.44	77.08	144.44	111.80	338.87	533.32	260.41	533.32	377.53	Clear										Clear	
7	23/01/07	91.66	118.75	77.00	118.75	95.80	287.40	477.00	329.00	477.00	364.46	Clear										Clear	
8	28/01/07	83.33	108.30	88.75	108.30	86.79	247.90	398.00	281.20	398.00	309.03	Clear										Clear	
9	30/01/07	100.00	122.22	66.66	122.22	96.29	577.70	497.22	481.24	577.70	518.72	Clear										Clear	

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 16: Ambient Air quality Data for SO2 , NOX ,RSPM and SPM Monitored at Shivaji University station, Kolhapur for the month of February 2007.
(All values are in µg/m3)

SO2															NOX														
Sr.	Hrs.	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs Avg.												
1	01/02/07	4.31	5.74	7.18	7.66	2.39	2.87	7.66	5.02	8.64	10.54	11.40	10.72	4.66	5.44	11.40	8.56												
2	05/02/07	5.26	*	8.14	4.78	3.35	4.07	8.14	5.12	9.50	*	12.44	9.85	5.44	6.21	12.44	8.68												
3	08/02/07	*	6.22	8.38	4.78	2.87	3.83	8.38	5.21	*	11.75	12.70	9.76	5.35	6.12	12.70	9.13												
4	12/02/07	*	7.60	4.78	5.26	4.78	3.35	7.60	5.15	*	13.26	8.46	9.67	5.85	4.74	13.26	8.39												
5	15/02/07	6.70	4.07	5.02	5.98	3.69	2.87	6.70	4.72	10.02	6.21	7.78	9.15	5.61	4.66	10.02	7.23												
6	19/02/07	6.70	7.02	8.30	6.38	3.83	2.87	8.30	5.84	10.71	10.82	8.75	9.68	6.21	4.49	10.82	8.44												
7	22/02/07	*	6.94	7.18	8.14	4.54	3.35	8.14	6.03	*	8.04	7.60	8.20	5.86	4.14	8.20	6.76												
8	26/02/07	6.22	8.62	9.57	6.29	3.11	3.59	9.57	6.23	10.71	11.92	9.33	9.48	4.57	5.87	11.92	8.64												

RSPM										SPM				Weather Condition	
Sr.	Date	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.				
1	01/02/07	79.16	62.50	25.00	79.16	54.55	170.82	133.33	64.58	170.82	122.91	Clear			
2	05/02/07	58.33	69.44	22.91	69.44	50.22	141.66	147.21	60.40	147.21	116.42	Clear			
3	08/02/07	66.66	74.99	18.74	74.99	54.46	158.32	168.73	52.07	168.73	126.37	Clear			
4	12/02/07	50.00	50.00	37.50	50.00	45.83	141.60	137.50	85.41	141.60	75.69	Clear			
5	15/02/07	33.33	66.66	33.33	66.66	44.44	113.88	168.74	79.16	168.74	87.26	Clear			
6	19/02/07	53.33	55.55	33.33	55.55	47.40	133.33	149.99	89.58	149.99	124.30	Clear			
7	22/02/07	54.16	49.99	39.58	54.16	99.99	141.65	131.23	99.99	141.65	124.29	Clear			
8	26/02/07	49.99	60.60	31.24	60.60	47.27	133.32	151.50	91.66	151.50	125.5	Clear			

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

RSPM															SPM												
Sr.	Date	6-14	14-22	22-6	8 hrs.	Max.	24 hrs.	Avg.	6-14	14-22	22-6	8 hrs.	Max.	24 hrs.	Avg.	6-14	14-22	22-6	8 hrs.	Max.	24 hrs.	Avg.	6-14	14-22	22-6	8 hrs.	Max.
1	01/02/07	79.16	62.50	25.00	79.16	54.55	170.82	133.33	64.58	170.82	122.91	116.42	116.42	116.42	116.42	116.42	116.42	116.42	116.42	116.42	116.42	116.42	116.42	116.42	116.42	116.42	116.42
2	05/02/07	58.33	69.44	22.91	69.44	50.22	141.66	147.21	60.40	147.21	116.42	116.42	116.42	116.42	116.42	116.42	116.42	116.42	116.42	116.42	116.42	116.42	116.42	116.42	116.42	116.42	116.42
3	08/02/07	66.66	74.99	18.74	74.99	54.46	158.32	168.73	52.07	168.73	126.37	126.37	126.37	126.37	126.37	126.37	126.37	126.37	126.37	126.37	126.37	126.37	126.37	126.37	126.37	126.37	126.37
4	12/02/07	50.00	37.50	37.50	50.00	45.83	141.60	137.50	85.41	141.60	75.69	75.69	75.69	75.69	75.69	75.69	75.69	75.69	75.69	75.69	75.69	75.69	75.69	75.69	75.69	75.69	75.69
5	15/02/07	33.33	66.66	33.33	66.66	44.44	113.88	168.74	79.16	168.74	87.26	87.26	87.26	87.26	87.26	87.26	87.26	87.26	87.26	87.26	87.26	87.26	87.26	87.26	87.26	87.26	87.26
6	19/02/07	53.33	55.55	33.33	55.55	47.40	133.33	149.99	89.58	149.99	124.30	124.30	124.30	124.30	124.30	124.30	124.30	124.30	124.30	124.30	124.30	124.30	124.30	124.30	124.30	124.30	124.30
7	22/02/07	54.16	49.99	39.58	49.99	54.16	99.99	141.65	131.23	99.99	141.65	124.29	124.29	124.29	124.29	124.29	124.29	124.29	124.29	124.29	124.29	124.29	124.29	124.29	124.29	124.29	124.29
8	26/02/07	49.99	60.60	31.24	60.60	47.27	133.32	151.50	91.66	151.50	125.5	125.5	125.5	125.5	125.5	125.5	125.5	125.5	125.5	125.5	125.5	125.5	125.5	125.5	125.5	125.5	125.5

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 17: Ambient Air quality Data for SO2 , NOX ,RSPM and SPM Monitored at Dabholkar corner station, Kolhapur for the month of February 2007.

(All values are in µg/m3)

Sr. Hrs.		SO2										NOX									
		06 10	10 14	14 18	18 22	22 02	02 06	06 10	10 14	14 18	18 22	22 02	02 06	06 10	10 14	14 18	18 22	22 02	02 06	06 10	10 14
no.	Date																				
1	02/02/07	10.05	12.21	12.45	13.64	9.33	7.66	13.64	10.89	32.15	51.87	28.18	42.36	18.93	16.33	51.87	31.63				
2	06/02/07	12.45	14.84	17.71	9.09	6.94	8.62	17.71	11.60	50.57	56.19	59.30	45.38	27.31	30.94	59.30	44.94				
3	09/02/07	12.93	15.08	18.43	8.62	6.46	8.14	18.43	11.61	50.65	56.36	61.20	44.95	27.23	30.77	61.20	45.19				
4	13/02/07	10.00	11.73	13.17	13.64	8.38	7.42	13.64	10.72	48.23	44.35	42.88	47.80	26.44	24.45	48.23	39.02				
5	16/02/07	11.49	13.88	12.45	14.06	8.85	8.14	13.88	11.47	67.77	55.50	44.52	47.25	26.02	25.14	67.77	44.36				
6	20/02/07	11.25	12.45	14.12	14.84	9.33	7.18	14.84	11.52	49.53	51.78	41.48	43.82	24.71	22.56	51.78	38.98				
7	23/02/07	*	11.49	12.69	14.84	8.85	7.42	14.84	9.21	*	49.96	43.57	43.18	25.15	21.52	49.96	36.67				
8	27/02/07	12.93	15.80	18.67	9.33	6.46	8.38	18.67	11.92	50.83	57.74	60.00	46.07	27.04	30.85	60.00	45.42				

Sr. Date		RSPM										SPM										Weather Condition	
		6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.		
1	02/02/07	111.11	100.00	56.25	111.11	89.12	644.44	372.91	235.4	644.44	417.58												Clear
2	06/02/07	105.55	124.99	62.49	124.99	97.67	463.88	513.87	254.15	513.87	410.63												Clear
3	09/02/07	99.99	127.08	66.66	127.08	97.91	435.40	512.49	254.15	512.49	400.68												Clear
4	13/02/07	79.16	93.75	62.50	93.75	78.47	241.66	377.00	237.50	377.00	206.90												Clear
5	16/02/07	91.66	97.91	70.83	97.91	86.81	308.32	381.55	262.49	381.55	207.63												Clear
6	20/02/07	87.50	106.25	70.83	106.25	88.19	256.25	395.83	252.08	395.83	301.38												Clear
7	23/02/07	191.66	114.58	64.58	191.66	123.60	583.32	410.41	218.74	583.32	404.15												Clear
8	27/02/07	99.99	133.33	66.66	133.33	99.99	466.61	524.99	254.15	524.99	415.25												Clear

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 21: Ambient Air quality Data for SO₂ , NO_x ,RSPM and SPM Monitored at Mahadwar road station, Kolhapur for the month of March 2007.

(All values are in µg/m³)

Sr. Hrs.		SO ₂										NO _x									
		06	10	14	18	22	02	06	10	14	18	22	02	06	10	14	18	22	02	06	24 Hrs. Avg.
no.	Date	06	10	14	18	22	02	06	10	14	18	22	02	06	10	14	18	22	02	06	24 Hrs. Avg.
1	03/03/07	10.29	11.73	11.49	10.53	5.26	4.78	11.73	9.01	32.84	29.38	31.63	29.61	10.88	32.84	24.39					24.39
2	07/03/07	8.38	9.33	9.33	9.09	5.74	4.78	9.33	7.77	31.34	28.78	30.33	31.03	10.28	31.34	23.87					23.87
3	10/03/07	*	10.05	12.13	9.57	6.46	5.57	12.13	8.75	*	34.49	36.88	24.29	11.75	10.36	36.88	23.55				23.55
4	14/03/07	*	*	*	9.57	6.46	5.74	9.57	7.25	*	*	29.91	12.26	10.36	29.91	17.51					17.51
5	17/03/07	10.53	11.49	14.12	9.81	5.02	5.74	14.12	9.45	33.10	35.78	37.25	27.92	9.24	11.48	37.25	25.79				25.79
6	21/03/07	10.29	14.36	16.28	8.85	4.78	5.98	16.28	10.09	32.59	40.45	45.29	25.14	10.28	11.57	45.29	27.55				27.55
7	24/03/07	10.05	7.66	12.45	7.18	5.74	5.00	12.45	8.01	32.67	26.62	34.29	26.36	12.87	11.05	34.29	23.97				23.97
8	28/03/07	9.57	11.17	8.62	10.05	5.22	5.74	11.17	8.39	30.07	43.80	15.56	32.20	12.35	10.08	43.80	24.13				24.13
9	31/03/07	11.81	13.88	16.28	8.38	5.98	6.22	16.28	10.42	36.70	40.45	44.95	24.46	10.02	10.89	44.95	27.91				27.91

Sr. No.		RSPM						SPM						Weather Condition	
		6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.		
1	03/03/07	60.41	72.22	47.91	72.22	60.18	204.16	319.40	181.20	319.40	234.92	204.16	319.40	Clear	
2	07/03/07	54.16	60.41	43.75	60.41	52.77	218.70	277.00	187.50	277.00	227.73	218.70	277.00	Clear	
3	10/03/07	70.83	142.42	50.00	142.42	87.75	216.66	445.45	200.00	445.45	287.37	216.66	445.45	Clear	
4	14/03/07	*	66.66	49.99	66.66	58.32	*	304.15	189.57	304.15	246.86	304.15	189.57	Clear	
5	17/03/07	64.58	81.24	49.99	81.24	65.27	214.57	352.07	181.23	352.07	249.29	214.57	352.07	Clear	
6	21/03/07	86.11	108.33	52.08	108.33	82.17	280.55	386.10	177.07	386.10	281.24	280.55	386.10	Clear	
7	24/03/07	56.25	66.66	41.66	66.66	54.85	187.50	272.20	154.16	272.20	204.62	187.50	272.20	Clear	
8	28/03/07	47.61	90.00	43.75	90.00	60.45	152.30	230.00	135.41	230.00	172.57	152.30	230.00	Clear	
9	31/03/07	49.99	91.66	41.66	91.66	61.10	159.98	238.88	129.15	238.88	176.00	159.98	238.88	Clear	

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 22: Ambient Air quality Data for SO₂ , NO_x ,RSPM and SPM Monitored at Shivaji University station, Kolhapur for the month of April 2007.
(All values are in µg/m³)

SO2																	NOX									
Sr. Hrs.	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.										
no. Date																										
1 02/04/07	*	9.57	8.14	12.93	4.07	5.26	12.93	7.99	*	12.35	10.02	11.06	6.21	5.00	12.35	8.92										
2 05/04/07	*	10.05	7.66	13.40	4.78	5.26	13.40	8.23	*	12.61	9.32	11.74	5.26	5.18	12.61	8.82										
3 09/04/07	*	9.09	10.39	*	3.35	4.07	10.39	6.72	*	12.44	13.92	*	5.78	6.47	13.92	9.65										
4 12/04/07	6.38	8.93	9.57	5.74	3.59	4.54	9.57	6.45	11.06	12.55	13.74	8.98	5.95	6.73	13.74	9.83										
5 16/04/07	6.70	8.38	9.09	5.74	3.59	3.11	9.09	6.10	10.54	12.61	13.99	9.26	4.57	5.52	13.99	9.41										
6 19/04/07	6.22	7.66	8.62	5.02	3.11	3.59	8.62	5.70	10.19	11.94	13.48	8.81	4.49	5.35	13.48	9.04										
7 23/04/07	6.22	9.09	10.05	5.26	3.83	3.11	10.05	6.26	10.71	12.61	14.51	9.06	4.84	4.23	14.51	9.32										
8 26/04/07	*	8.62	9.81	4.78	3.59	3.11	9.81	5.98	*	11.92	13.91	8.81	4.49	4.23	13.91	8.67										
9 30/04/07	5.74	8.62	9.81	5.02	3.59	2.87	9.81	5.94	10.37	12.27	13.91	8.81	4.49	4.23	13.91	9.01										

RSPM												SPM												Weather	
Sr. No.	Date	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	Condition													
1	02/04/07	58.33	61.11	39.58	61.11	53.00	149.99	199.94	99.99	199.94	149.97	Clear													
2	05/04/07	66.66	66.66	43.75	66.66	59.02	170.82	211.24	108.33	211.24	163.46	Clear													
3	09/04/07	49.99	61.90	24.99	61.90	45.62	124.98	147.61	74.98	147.61	115.85	Clear													
4	12/04/07	51.85	66.66	27.08	66.66	48.53	129.62	149.99	79.16	149.99	119.59	Clear													
5	16/04/07	55.55	62.56	27.08	62.56	48.39	136.10	151.82	81.24	151.82	123.05	Clear													
6	19/04/07	44.44	56.24	24.99	56.24	41.89	113.32	139.57	74.98	139.57	109.29	Clear													
7	23/04/07	54.16	61.11	27.08	61.11	47.45	124.99	144.44	74.99	144.44	114.80	Clear													
8	26/04/07	58.33	62.49	24.99	62.49	48.60	124.99	143.73	72.90	143.73	113.87	Clear													
9	30/04/07	54.16	62.49	24.99	62.49	47.21	120.82	143.73	70.82	143.73	111.79	Clear													

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 24: Ambient Air quality Data for SO₂ , NO_x ,RSPM and SPM Monitored at Mahadwar road station, Kolhapur for the month of April 2007.

(All values are in µg/m³)

SO2													NOX												
Sr.	Hrs.	06	10	14	18	22	02	06	4Hrs	24 Hrs.	06	10	14	18	22	02	06	4Hrs	24 Hrs.						
no.	Date	*	12.45	17.24	*	*	6.94	17.24	Max	Avg.	*	*	26.45	28.60	*	*	11.75	Max	Avg.						
1	04/04/07	*	12.45	17.24	*	*	6.94	17.24	17.24	12.21	*	*	26.45	28.60	*	*	11.75	28.60	22.26						
2	07/04/07	*	13.40	16.76	9.33	5.50	6.22	16.76	16.76	10.24	*	*	40.80	45.46	24.37	10.10	10.89	45.46	26.32						
3	11/04/07	10.21	13.40	15.64	*	*	*	15.64	15.64	13.08	32.49	39.76	42.06	*	*	*	*	42.06	38.10						
4	14/04/07	1.85	14.36	*	*	6.94	8.14	14.36	14.36	10.07	32.03	43.57	*	*	*	21.75	17.28	43.57	28.65						
5	18/04/07	12.93	14.12	14.36	13.64	6.22	5.74	14.36	14.36	11.16	34.05	29.52	45.12	37.17	22.73	20.13	45.12	31.45							
6	21/04/07	14.12	*	14.84	11.73	5.50	6.22	14.84	14.84	10.48	31.85	*	44.08	30.07	17.80	19.01	44.08	28.56							
7	25/04/07	10.53	13.88	16.76	9.09	5.98	5.50	16.76	16.76	10.29	29.97	37.69	45.99	26.10	11.92	10.37	45.99	27.00							
8	28/04/07	10.77	14.36	17.71	8.85	6.22	5.50	17.71	17.71	10.56	30.25	38.03	46.85	26.27	12.27	10.28	46.85	27.32							

RSPM													SPM													Weather	
Sr.	Date	6-14	14-22	22-6	8 hrs.	8 hrs.	24 hrs.	6-14	14-22	22-6	8 hrs.	8 hrs.	24 hrs.	6-14	14-22	22-6	8 hrs.	8 hrs.	24 hrs.	Condition							
No.		Hrs.	Hrs.	Hrs.	Max.	Max.	Avg.	Hrs.	Hrs.	Hrs.	Max.	Max.	Avg.	Hrs.	Hrs.	Hrs.	Max.	Max.	Avg.								
1	04/04/07	58.33	87.50	91.66	91.66	91.66	79.16	158.33	191.66	116.66	191.66	155.55	155.55	158.33	191.66	116.66	191.66	155.55	155.55	Clear							
2	07/04/07	58.33	88.88	39.58	88.88	88.88	62.26	174.99	230.54	118.74	230.54	174.56	174.56	88.88	62.26	174.99	230.54	174.56	174.56	Clear							
3	11/04/07	74.07	111.11	*	111.11	111.11	92.59	233.32	311.10	*	311.10	272.21	272.21	111.11	92.59	233.32	311.10	272.21	272.21	Clear							
4	14/04/07	59.25	*	45.83	59.25	52.54	52.54	225.90	*	147.90	225.90	186.90	186.90	59.25	52.54	225.90	225.90	186.90	186.90	Clear							
5	18/04/07	56.25	58.33	41.06	58.33	52.08	52.08	181.20	180.50	135.41	181.20	165.76	165.76	58.33	41.06	181.20	180.50	165.76	165.76	Clear							
6	21/04/07	49.99	66.66	43.74	66.66	53.46	53.46	154.15	183.32	127.07	183.32	154.84	154.84	66.66	43.74	127.07	183.32	154.84	154.84	Clear							
7	25/04/07	83.33	111.11	56.24	111.11	83.56	83.56	266.66	347.22	160.40	347.22	258.09	258.09	111.11	56.24	160.40	347.22	258.09	258.09	Clear							
8	28/04/07	86.11	116.66	54.16	116.66	85.64	85.64	263.88	341.65	154.15	341.65	253.22	253.22	116.66	54.16	154.15	341.65	253.22	253.22	Clear							

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 25: Ambient Air quality Data for SO₂ , NO_x ,RSPM and SPM Monitored at Shivaji University station, Kolhapur for the month of May 2007.

(All values are in µg/m³)

		SO2										NOX									
Sr. no.	Hrs. Date	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.				
1	03/05/07	5.74	8.85	9.81	4.78	3.35	2.87	9.81	5.90	10.02	12.01	14.25	8.72	4.58	4.23	14.25	8.96				
2	07/05/07	9.57	10.53	6.94	8.14	4.31	3.83	10.53	7.22	11.53	12.26	12.61	14.26	4.83	3.90	14.26	9.89				
3	10/05/07	6.46	6.22	5.98	6.94	4.00	3.35	6.94	5.49	11.74	12.35	14.17	13.99	4.58	4.14	14.17	10.16				
4	14/05/07	6.70	7.66	9.57	6.46	3.35	2.39	9.57	6.02	11.06	12.26	12.79	9.16	4.49	4.32	12.79	9.01				
5	17/05/07	8.62	8.38	10.05	5.98	2.87	2.39	10.05	6.38	10.37	12.27	12.62	8.81	4.66	4.14	12.62	8.81				
6	21/05/07	6.22	9.09	*	4.78	3.83	2.87	9.09	5.35	9.33	12.44	*	7.04	4.66	4.31	12.44	7.55				
7	24/05/07	5.74	8.62	9.57	4.78	3.35	2.87	8.62	5.82	9.67	12.61	14.34	8.55	4.58	4.23	14.34	8.99				
8	28/05/07	*	*	*	5.98	5.00	4.78	5.98	5.25	*	*	*	6.54	6.21	6.48	6.48	6.41				
9	31/05/07	7.18	6.22	6.46	5.74	4.54	4.31	7.18	5.74	9.15	6.48	6.54	6.91	5.44	4.75	9.15	6.54				

		RSPM						SPM						Weather/	
Sr.	Date	6-14	14-22	22-6	8 hrs.	24 hrs.		6-14	14-22	22-6	8 hrs.	24 hrs.		Condition	
No.		Hrs.	Hrs.	Hrs.	Max.	Avg.		Hrs.	Hrs.	Hrs.	Max.	Avg.			
1	03/05/07	53.33	64.58	24.99	64.58	47.63		119.99	141.16	68.73	141.16	109.96		Clear	
2	07/05/07	41.66	45.83	31.25	45.83	39.58		99.99	106.20	77.00	106.20	94.39		Clear	
3	10/05/07	45.83	50.00	31.25	50.00	42.36		106.20	120.83	81.25	120.83	102.76		Clear	
4	14/05/07	62.50	70.83	29.16	70.83	54.16		145.83	147.91	70.82	147.91	121.52		Clear	
5	17/05/07	63.33	62.50	33.33	63.33	53.05		143.33	137.05	85.41	143.33	121.93		Clear	
6	21/05/07	58.33	66.66	20.83	66.66	48.60		124.99	149.99	66.66	149.99	113.88		Clear	
7	24/05/07	49.99	64.58	24.99	64.58	46.52		116.65	143.74	70.82	143.74	110.40		Clear	
8	28/05/07	*	50.00	27.08	50.00	38.54		*	129.16	74.99	129.16	102.80		Cloudy	
9	31/05/07	55.55	43.75	29.16	55.55	42.82		130.55	113.12	81.24	130.55	108.30		Cloudy	

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 26: Ambient Air quality Data for SO₂ , NO_x ,RSPM and SPM Monitored at Dabholkar corner station, Kolhapur for the month of May 2007.

(All values are in µg/m³)

Sr. Hrs.		SO2												NOX											
no.	Date	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.								
1	01/05/07	13.64	15.80	18.67	11.22	8.14	5.98	18.67	12.24	51.96	58.43	62.59	46.92	25.15	22.21	62.59	44.54								
2	04/05/07	13.40	16.04	18.67	10.05	7.90	5.98	18.67	12.00	51.69	58.69	62.93	41.66	33.36	22.13	62.93	45.07								
3	08/05/07	*	14.84	15.00	16.20	7.18	6.70	16.20	11.98	*	54.28	53.82	58.56	24.80	24.42	58.56	43.17								
4	11/05/07	11.81	10.53	14.36	10.00	6.94	6.22	14.36	9.57	52.44	46.60	58.35	44.77	23.68	23.68	58.35	41.58								
5	15/05/07	12.45	17.71	18.19	11.22	7.90	6.94	18.19	12.40	51.60	57.05	63.62	46.34	24.37	22.82	63.62	44.30								
6	18/05/07	14.12	15.56	17.71	11.25	8.85	5.50	17.71	12.16	50.22	57.92	60.00	42.07	25.04	24.11	60.00	43.39								
7	22/05/07	12.93	16.52	18.91	9.33	7.66	6.46	18.91	11.96	51.61	57.23	60.08	39.76	23.85	21.35	60.08	42.31								
8	25/05/07	13.17	14.60	15.56	13.88	11.73	9.09	15.56	13.00	51.52	54.72	54.97	58.78	34.57	27.22	58.78	46.96								
9	29/05/07	14.36	16.28	16.76	15.32	9.57	8.62	16.76	13.48	50.14	53.59	56.10	50.40	27.74	24.80	56.10	43.79								

Sr. No.		RSPM						SPM						Weather Condition	
Date		6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.				
1	01/05/07	102.77	145.45	64.58	145.45	104.26	319.43	466.62	231.24	466.62	339.09	Clear			
2	04/05/07	102.08	147.22	62.49	147.22	103.93	318.74	472.21	222.90	472.21	337.95	Clear			
3	08/05/07	75.00	106.60	56.50	106.60	79.36	208.30	269.90	191.90	269.90	232.36	Clear			
4	11/05/07	88.00	94.44	50.00	94.44	77.48	311.80	311.00	175.00	311.80	265.93	Clear			
5	15/05/07	111.11	148.48	68.75	148.48	109.44	338.88	481.81	239.58	481.81	353.42	Clear			
6	18/05/07	93.75	163.88	64.58	163.88	107.40	316.66	497.21	245.83	497.21	353.23	Clear			
7	22/05/07	102.08	137.49	62.49	137.49	100.68	279.16	464.57	220.82	464.57	321.51	Clear			
8	25/05/07	106.20	150.00	70.83	150.00	109.01	339.53	494.44	218.74	494.44	350.90	Clear			
9	29/05/07	83.33	102.08	64.58	102.08	83.33	235.40	349.90	239.50	349.90	274.90	Clear			

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 27: Ambient Air quality Data for SO2 , NOX ,RSPM and SPM Monitored at Mahadwar road station, Kolhapur for the month of May 2007.

(All values are in µg/m3)

SO2														NOX													
Sr.no.	Hrs. Date	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs Max	24 Hrs. Avg.										
1	02/05/07	9.57	12.45	15.80	8.62	5.74	5.02	15.80	9.53	28.00	34.92	42.57	24.55	11.31	9.85	42.57	25.20										
2	05/05/07	9.81	11.25	16.76	9.33	6.22	5.98	16.76	9.89	27.65	29.77	47.79	28.26	11.23	9.50	47.79	25.70										
3	09/05/07	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*										
4	12/05/07	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*										
5	16/05/07	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*										
6	19/05/07	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*										
7	23/05/07	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*										
8	26/05/07	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*										
9	30/05/07	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*										

		RSPM												SPM						Weather Condition
Sr. No.	Date	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.				
1	02/05/07	80.55	108.33	56.24	108.33	81.70	258.32	330.55	162.48	330.55	250.45	330.55	162.48	330.55	250.45	180.77				
2	05/05/07	68.75	83.33	41.66	83.33	64.58	175.00	244.40	122.91	244.40	180.77	244.40	122.91	244.40	180.77	180.77				
3	09/05/07	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
4	12/05/07	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
5	16/05/07	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
6	19/05/07	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
7	23/05/07	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
8	26/05/07	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
9	30/05/07	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 28: Ambient Air quality Data for SO₂, NO_x, RSPM and SPM Monitored at Shivaji University station, Kolhapur for the month of June 2007.
(All values are in µg/m³)

SO ₂														NO _x													
Sr. Hrs.	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs	24 Hrs.	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs	24 Hrs.											
no. Date							Max	Avg.							Max	Avg.											
1 04/06/07	*	*	*	6.46	6.94	5.74	6.94	6.38	*	*	*	7.95	7.00	5.86	7.95	6.93											
2 07/06/07	*	5.74	6.46	6.94	6.94	*	6.94	6.38	*	6.74	8.89	8.29	*	*	8.89	7.97											
3 11/06/07	*	*	8.30	5.02	3.35	2.87	8.30	4.88	*	*	13.13	7.60	4.66	4.23	13.13	7.40											
4 14/06/07	5.98	8.38	9.57	4.54	3.35	2.87	9.57	5.78	8.72	12.01	13.91	8.46	4.49	4.14	13.91	8.62											
5 18/06/07	*	*	*	4.78	3.11	2.63	4.78	3.50	*	*	*	7.60	4.57	4.23	7.60	5.46											
6 21/06/07	5.50	7.90	8.85	3.83	3.11	2.63	8.85	5.30	8.11	11.49	13.31	7.51	4.30	4.14	13.31	8.14											
7 25/06/07	4.78	6.70	7.66	3.83	2.87	2.39	7.66	4.70	6.73	10.02	11.75	6.82	4.49	4.23	11.75	7.34											
8 28/06/07	3.59	4.31	5.26	3.11	2.87	2.15	5.26	3.54	6.13	7.51	8.47	5.95	4.05	3.53	8.47	5.94											

RSPM														SPM												Weather	
Sr. Date	6-14	14-22	22-6	8 hrs.	24 hrs.	6-14	14-22	22-6	8 hrs.	24 hrs.	6-14	14-22	22-6	8 hrs.	24 hrs.	Condition											
No.	Hrs.	Hrs.	Hrs.	Max.	Avg.	Hrs.	Hrs.	Hrs.	Max.	Avg.	Hrs.	Hrs.	Hrs.	Max.	Avg.												
1 04/06/07	*	79.16	31.24	79.16	55.20	*	183.32	74.98	183.32	129.15	*	183.32	74.98	183.32	129.15	Clear											
2 07/06/07	58.33	74.99	*	74.99	66.66	120.82	154.15	*	154.15	137.48	*	154.15	137.48	154.15	137.48	Rainy											
3 11/06/07	*	63.63	24.99	63.63	44.31	*	145.44	69.63	145.44	107.43	*	145.44	69.63	145.44	107.43	Cloudy											
4 14/06/07	54.16	62.49	27.08	62.49	47.91	87.49	143.73	72.91	143.73	101.37	87.49	143.73	72.91	143.73	101.37	Cloudy											
5 18/06/07	*	61.11	22.91	61.11	42.01	*	133.33	64.57	133.33	98.95	*	133.33	64.57	133.33	98.95	Cloudy											
6 21/06/07	49.99	56.24	24.99	56.24	43.74	83.32	129.15	54.15	129.15	88.87	83.32	129.15	54.15	129.15	88.87	Rainy											
7 25/06/07	41.66	52.08	22.91	52.08	38.88	70.82	112.49	49.99	112.49	77.76	70.82	112.49	49.99	112.49	77.76	Rainy											
8 28/06/07	37.49	47.91	20.83	47.91	35.41	62.48	99.99	43.74	99.99	68.73	62.48	99.99	43.74	99.99	68.73	Rainy											

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 31: Ambient Air quality Data for SO2 , NOX ,RSPM and SPM Monitored at Shivaji University station, Kolhapur for the month of July 2007.

(All values are in µg/m3)

SO2														NOX													
Sr.	Hrs.	08 10	10 14	14 18	18 22	22 02	02 06	06 10	10 14	14 18	18 22	22 02	02 06	06 10	10 14	14 18	18 22	22 02	02 06	06 10	10 14	14 18	18 22	22 02	02 06	4Hrs	24 Hrs.
no.	Date																										
1	02/07/07	3.35	3.83	4.54	2.87	2.63	1.91	4.54	3.18	5.69	7.08	7.86	5.61	3.8	3.19	7.86	5.61	3.8	3.19	7.86	5.61	3.8	3.19	7.86	5.61	7.86	5.53
2	05/07/07	3.11	3.59	4.31	2.63	2.39	1.67	4.31	2.95	5.27	6.30	7.17	4.75	3.53	3.01	7.17	4.75	3.53	3.01	7.17	4.75	3.53	3.01	7.17	5.00	7.17	5.00
3	09/07/07	3.35	3.59	4.07	2.63	2.15	1.91	4.07	2.95	4.84	6.13	6.82	4.48	3.44	2.84	6.82	4.48	3.44	2.84	6.82	4.48	3.44	2.84	6.82	4.75	6.82	4.75
4	12/07/07	3.59	3.83	4.31	2.87	2.39	2.15	4.31	3.19	5.27	6.30	6.41	6.96	3.62	3.01	6.96	3.62	3.01	6.96	3.62	3.01	6.96	3.62	3.01	6.96	5.26	5.26
5	16/07/07	3.83	4.31	4.54	3.11	2.63	2.39	4.54	3.46	5.52	6.39	7.51	4.75	3.88	3.19	7.51	4.75	3.88	3.19	7.51	4.75	3.88	3.19	7.51	5.20	7.51	5.20
6	19/07/07	4.07	4.54	5.02	3.11	2.63	2.15	5.02	3.58	5.78	6.82	7.86	5.09	3.96	3.27	7.86	5.09	3.96	3.27	7.86	5.09	3.96	3.27	7.86	5.46	7.86	5.46
7	23/07/07	*	4.78	5.1	*	2.87	2.39	5.1	3.78	*	7.43	8.29	*	4.23	3.34	8.29	*	4.23	3.34	8.29	*	4.23	3.34	8.29	5.82	8.29	5.82
8	26/07/07	4.31	4.54	5.5	3.11	2.63	2.15	5.5	3.7	6.13	7.6	9.58	5.44	5.66	3.53	9.58	5.44	5.66	3.53	9.58	5.44	5.66	3.53	9.58	6.32	9.58	6.32
9	30/07/07	*	5.74	5.98	4.78	2.15	2.63	5.98	4.25	*	8.12	8.80	9.84	3.53	3.19	8.80	9.84	3.53	3.19	8.80	9.84	3.53	3.19	8.80	9.84	6.69	6.69

RSPM														SPM												Weather	
Sr.	Date	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	8 hrs. Max.	24 hrs. Avg.	Condition
1	02/07/07	27.08	37.49	18.74	37.49	27.77	52.07	79.15	39.57	79.15	56.93	79.15	79.15	39.57	79.15	56.93	79.15	79.15	39.57	79.15	56.93	79.15	79.15	39.57	79.15	56.93	Rainy
2	05/07/07	20.83	31.24	16.66	31.24	22.91	43.74	58.32	35.40	58.32	45.82	58.32	58.32	35.40	58.32	45.82	58.32	58.32	35.40	58.32	45.82	58.32	58.32	35.40	58.32	45.82	Rainy
3	09/07/07	22.22	33.33	18.74	33.33	24.76	47.21	60.41	39.57	60.41	49.06	60.41	60.41	39.57	60.41	49.06	60.41	60.41	39.57	60.41	49.06	60.41	60.41	39.57	60.41	49.06	Rainy
4	12/07/07	24.99	35.41	20.83	35.41	27.07	52.07	66.65	45.82	66.65	54.84	66.65	66.65	45.82	66.65	54.84	66.65	66.65	45.82	66.65	54.84	66.65	66.65	45.82	66.65	54.84	Rainy
5	16/07/07	29.16	37.49	22.91	37.49	29.85	62.49	77.07	49.99	77.07	63.18	77.07	77.07	49.99	77.07	63.18	77.07	77.07	49.99	77.07	63.18	77.07	77.07	49.99	77.07	63.18	Rainy
6	19/07/07	31.24	41.66	24.99	41.66	32.63	70.82	89.57	56.23	89.57	72.20	89.57	89.57	56.23	89.57	72.20	89.57	89.57	56.23	89.57	72.20	89.57	89.57	56.23	89.57	72.20	Cloudy
7	23/07/07	33.33	44.44	27.08	44.44	34.95	79.16	99.99	62.49	99.99	80.54	99.99	99.99	62.49	99.99	80.54	99.99	99.99	62.49	99.99	80.54	99.99	99.99	62.49	99.99	80.54	Cloudy
8	26/07/07	35.41	52.08	29.16	52.08	38.88	85.40	108.32	66.65	108.32	86.79	108.32	108.32	66.65	108.32	86.79	108.32	108.32	66.65	108.32	86.79	108.32	108.32	66.65	108.32	86.79	Cloudy
9	30/07/07	41.66	39.58	29.16	39.58	36.80	104.15	85.41	64.57	104.15	84.71	104.15	104.15	64.57	104.15	84.71	104.15	104.15	64.57	104.15	84.71	104.15	104.15	64.57	104.15	84.71	Cloudy

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 32: Ambient Air quality Data for SO₂ , NO_x ,RSPM and SPM Monitored at Dabholkar corner station, Kolhapur for the month of July 2007.

[illegible]

			RSPM								SPM								Weather	
Sr.	Date		6-14	14-22	22-6	8 hrs.	Max.	Avg.	24 hrs.	6-14	Hrs.	14-22	Hrs.	22-6	Hrs.	8 hrs.	Max.	24 hrs.	Condition	
No.			Hrs.	Hrs.	Hrs.					Hrs.		Hrs.								
1	03/07/07		64.58	74.99	47.91	74.99	62.49	62.49		139.57		172.82		102.07		172.82		138.15	Rainy	
2	06/07/07		58.33	66.66	43.74	66.66	56.24	56.24		127.07		149.99		89.57		149.99		122.21	Rainy	
3	10/07/07		55.55	64.58	43.74	64.58	54.62	54.62		116.65		143.74		91.65		143.74		117.34	Rainy	
4	13/07/07		58.33	68.74	45.83	68.74	57.63	57.63		127.07		154.15		97.91		154.15		126.37	Rainy	
5	17/07/07		60.41	70.83	47.91	70.83	59.71	59.71		135.40		162.49		106.24		162.49		134.71	Cloudy	
6	20/07/07		63.88	74.99	49.99	74.99	62.95	62.95		141.65		172.90		110.40		172.90		141.65	Cloudy	
7	24/07/07		64.58	79.16	52.08	79.16	65.27	65.27		145.82		183.32		114.57		183.32		147.9	Cloudy	
8	27/07/07		62.49	77.08	47.91	77.08	62.49	62.49		141.65		177.07		106.24		177.07		141.65	Cloudy	
9	31/07/07		60.41	87.49	56.24	87.49	68.04	68.04		137.49		193.73		127.07		193.73		152.76	Cloudy	

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 33: Ambient Air quality Data for SO₂, NO_x, RSPM and SPM Monitored at Mahadwar road station, Kolhapur for the month of July 2007.
(All values are in µg/m³)

SO2													NOX												
Sr.no.	Hrs.	06	10	14	18	22	02	06	4Hrs	24 Hrs.	06	10	14	18	22	02	06	4Hrs	24 Hrs.						
no.	Date	06	10	14	18	22	02	06	Max	Avg.	06	10	14	18	22	02	06	Max	Avg.						
1	04/07/07	4.78	5.50	6.22	5.26	3.59	2.87	6.22	4.70	8.98	10.19	10.97	10.97	9.93	5.61	4.75	10.97	8.40	8.40						
2	07/07/07	4.07	5.02	5.74	4.78	4.31	3.35	5.74	4.54	7.60	9.50	10.71	10.71	8.98	6.74	5.01	10.71	8.09	8.09						
3	11/07/07	4.07	4.78	5.50	4.54	3.35	2.87	5.50	4.18	7.51	8.89	10.02	10.02	8.28	5.70	4.49	10.02	7.48	7.48						
4	14/07/07	4.31	5.02	5.74	4.78	3.59	3.11	5.74	4.42	7.78	9.15	10.28	10.28	8.55	5.95	4.75	10.28	7.74	7.74						
5	18/07/07	4.31	5.02	5.76	4.54	3.59	2.87	5.76	4.34	7.86	9.24	10.45	10.45	8.55	5.69	4.48	10.45	7.75	7.75						
6	21/07/07	3.83	4.54	6.46	5.50	3.11	2.39	6.46	4.30	8.12	9.67	10.71	10.71	8.29	5.36	4.14	10.71	7.17	7.17						
7	25/07/07	4.78	5.5	6.46	5.74	4.27	2.39	6.46	4.85	8.47	9.93	10.97	10.97	8.72	5.53	4.4	10.97	8	8						
8	28/07/07	4.59	5.5	6.22	5.74	2.87	2.15	6.22	4.5	8.03	9.85	10.71	10.71	8.46	5.35	4.14	10.71	7.75	7.75						

RSPM													SPM													Weather	
Sr.	Date	6-14	14-22	22-6	8 hrs.	24 hrs.	6-14	14-22	22-6	8 hrs.	24 hrs.	6-14	14-22	22-6	8 hrs.	24 hrs.	Condition										
No.		Hrs.	Hrs.	Hrs.	Max.	Avg.	Hrs.	Hrs.	Hrs.	Max.	Avg.	Hrs.	Hrs.	Hrs.	Max.	Avg.											
1	04/07/07	49.99	58.33	33.33	58.33	42.21	108.33	124.99	72.91	124.99	102.07	108.33	124.99	72.91	124.99	102.07	Rainy										
2	07/07/07	43.75	64.58	37.50	64.58	48.61	91.66	143.74	77.08	143.74	104.16	91.66	143.74	77.08	143.74	104.16	Rainy										
3	11/07/07	41.66	56.24	33.33	56.24	43.74	87.49	118.73	74.99	118.73	93.73	87.49	118.73	74.99	118.73	93.73	Rainy										
4	14/07/07	43.74	58.33	35.41	58.33	45.82	93.73	124.99	79.15	124.99	99.29	93.73	124.99	79.15	124.99	99.29	Rainy										
5	18/07/07	43.74	58.33	35.41	58.33	45.82	93.73	127.07	79.15	127.07	99.98	93.73	127.07	79.15	127.07	99.98	Cloudy										
6	21/07/07	47.91	66.66	39.58	66.66	51.38	108.32	137.49	81.24	137.49	109.01	108.32	137.49	81.24	137.49	109.01	Cloudy										
7	25/07/07	49.99	68.74	37.49	68.74	52.07	112.48	145.82	81.23	145.82	113.17	112.48	145.82	81.23	145.82	113.17	Cloudy										
8	28/07/07	52.08	70.83	35.41	70.83	52.77	116.66	145.82	79.15	145.82	113.87	116.66	145.82	79.15	145.82	113.87	Cloudy										

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 34: Ambient Air quality Data for SO2 , NOX ,RSPM and SPM Monitored at Shivaji University station, Kolhapur for the month of August 2007.

(All values are in µg/m3)

SO2												NOX											
Sr.	Hrs.	06	10	14	18	22	02	06	4Hrs	24 Hrs.	06	10	14	18	22	02	06	4Hrs	24 Hrs.				
no.	Date	3.83	4.78	4.78	5.26	4.31	2.15	1.91	5.26	3.70	5.26	7.43	8.47	7.34	5.27	3.45	3.01	8.47	5.55				
1	02/08/07	*	4.31	4.78	*	2.39	2.39	1.91	4.78	3.34	*	6.65	7.34	*	3.2	2.84	7.34	5.00					
2	06/08/07	3.59	4.07	4.15	3.83	2.15	1.91	1.91	4.15	3.28	5.27	5.87	6.44	5.44	3.01	2.67	6.44	4.78					
3	09/08/07	*	3.83	4.31	4.31	3.59	2.63	2.39	4.31	3.35	*	6.13	6.73	5.35	3.53	3.19	6.73	4.98					
4	13/08/07	3.35	3.83	4.31	2.87	2.39	1.91	1.91	4.31	3.11	5.43	6.56	6.30	4.92	3.36	2.93	6.56	4.91					
5	16/08/07	*	3.95	4.19	3.25	2.79	2.56	4.19	3.34	3.34	*	5.57	6.25	4.72	3.28	2.97	6.25	4.55					
6	20/08/07	3.49	4.19	4.65	3.72	3.02	2.79	2.79	4.65	3.64	5.26	6.03	6.56	5.03	3.74	3.27	6.56	4.98					
7	23/08/07	3.68	4.61	5.07	3.45	2.99	2.53	5.07	3.72	3.72	5.34	6.25	6.72	5.42	4.04	3.74	6.72	5.25					
8	27/08/07	3.49	4.88	5.58	3.02	2.79	2.32	5.58	3.68	3.68	5.49	6.26	7.02	5.72	4.11	3.74	7.02	5.39					
9	30/08/07																						

RSPM												SPM												Weather	
Sr.	Date	6-14	14-22	22-6	8 hrs.	Max.	24 hrs.	Avg.	6-14	14-22	22-6	8 hrs.	Max.	24 hrs.	Avg.	Condition									
No.		Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.										
1	02/08/07	37.49	45.83	24.99	45.83	24.99	36.10	83.32	95.82	56.23	95.82	95.82	56.23	95.82	78.45	Rainy									
2	06/08/07	29.16	37.49	22.91	37.49	22.91	29.85	62.49	79.15	49.99	79.15	79.15	49.99	79.15	63.87	Rainy									
3	09/08/07	24.99	33.33	20.83	33.33	20.83	26.38	54.15	69.04	43.74	69.04	69.04	43.74	69.04	55.64	Rainy									
4	13/08/07	33.33	41.66	22.91	41.66	22.91	32.63	74.99	88.88	47.90	88.88	88.88	47.90	88.88	70.59	Cloudy									
5	16/08/07	20.83	35.41	27.08	35.41	27.08	27.77	45.83	74.99	56.24	74.99	74.99	56.24	74.99	59.02	Cloudy									
6	20/08/07	41.66	47.22	27.08	47.22	27.08	38.65	91.65	99.99	58.32	99.99	99.99	58.32	99.99	83.32	Cloudy									
7	23/08/07	43.74	49.99	29.16	49.99	29.16	40.96	97.90	112.48	64.57	112.48	112.48	64.57	112.48	91.65	Cloudy									
8	27/08/07	45.83	54.16	29.16	54.16	29.16	43.05	95.82	120.82	62.49	120.82	120.82	62.49	120.82	93.04	Cloudy									
9	30/08/07	47.91	55.55	27.08	55.55	27.08	43.51	99.99	116.66	62.49	116.66	116.66	62.49	116.66	93.04	Cloudy									

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 35: Ambient Air quality Data for SO₂, NO_x, RSPM and SPM Monitored at Dabholkar corner station, Kolhapur for the month of August 2007.

(All values are in µg/m³)

Sr. Hrs.		SO ₂										NO _x									
		06	10	14	18	22	02	06	10	14	18	22	02	06	10	14	18	22	02	06	24 Hrs. Avg.
no.	Date	06	10	14	18	22	02	06	10	14	18	22	02	06	10	14	18	22	02	06	24 Hrs. Avg.
1	03/08/07	6.22	6.94	7.66	6.70	4.07	3.59	7.66	5.86	17.45	19.35	18.76	8.89	8.03	21.00	21.00	15.58				
2	07/08/07	5.74	6.22	6.94	5.98	3.59	3.35	6.94	5.30	16.41	17.97	17.28	8.46	7.16	19.27	19.27	14.42				
3	10/08/07	5.50	5.98	6.46	5.74	3.83	3.59	6.46	5.18	16.16	17.28	18.67	9.15	6.99	18.67	18.67	14.15				
4	14/08/07	5.26	5.74	6.38	5.50	4.54	4.07	6.38	5.24	15.64	16.50	18.21	10.19	9.41	18.21	18.21	14.29				
5	17/08/07	4.78	5.26	5.98	6.22	4.78	4.31	6.22	5.22	14.86	16.24	17.46	16.59	14.09	10.89	17.46	15.02				
6	21/08/07	4.96	5.81	6.51	4.88	4.65	4.19	6.51	5.16	13.64	14.89	16.40	14.13	9.39	8.62	16.40	12.84				
7	24/08/07	5.12	5.81	6.51	7.13	4.88	4.19	7.13	5.60	13.29	14.59	15.74	14.85	9.93	9.08	15.74	12.78				
8	28/08/07	5.53	6.45	7.37	5.99	4.61	*	7.37	5.99	13.90	15.43	16.95	14.51	10.23	*	16.95	14.20				
9	31/08/07	5.35	6.28	6.98	5.81	4.42	4.19	6.98	5.50	13.98	15.58	17.03	14.58	10.38	9.31	17.03	13.47				

Sr. No.		RSPM										SPM										Weather Condition
		6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	6-14 Hrs.	14-22 Hrs.	22-6 Hrs.	6-14 Hrs.	14-22 Hrs.	
1	03/08/07	54.16	68.74	47.91	68.74	56.93	120.82	158.32	104.15	158.32	127.76	158.32	104.15	158.32	127.76	158.32	127.76	158.32	104.15	158.32	127.76	Rainy
2	07/08/07	47.22	64.58	43.74	64.58	51.84	102.77	147.91	91.65	147.91	114.15	147.91	91.65	147.91	114.15	147.91	114.15	147.91	91.65	147.91	114.15	Rainy
3	10/08/07	43.74	60.41	33.33	60.41	45.82	89.57	131.24	70.83	131.24	97.21	131.24	70.83	131.24	97.21	131.24	97.21	131.24	70.83	131.24	97.21	Rainy
4	14/08/07	49.99	57.57	39.58	57.57	49.04	106.23	133.32	83.32	133.32	107.62	133.32	83.32	133.32	107.62	133.32	107.62	133.32	83.32	133.32	107.62	Clear
5	17/08/07	54.16	41.66	70.83	41.66	55.55	112.49	152.08	85.41	152.08	116.66	152.08	85.41	152.08	116.66	152.08	116.66	152.08	85.41	152.08	116.66	Cloudy
6	21/08/07	57.57	43.74	76.19	43.74	59.16	124.32	164.28	95.82	164.28	128.14	164.28	95.82	164.28	128.14	164.28	128.14	164.28	95.82	164.28	128.14	Cloudy
7	24/08/07	60.41	83.33	45.83	83.33	63.19	127.07	179.99	99.99	179.99	135.68	179.99	99.99	179.99	135.68	179.99	135.68	179.99	99.99	179.99	135.68	Cloudy
8	28/08/07	66.66	83.33	41.66	83.33	63.88	141.65	174.99	99.99	174.99	138.87	174.99	99.99	174.99	138.87	174.99	138.87	174.99	99.99	174.99	138.87	Cloudy
9	31/08/07	64.58	72.91	39.58	72.91	59.02	133.32	152.07	87.49	152.07	124.29	152.07	87.49	152.07	124.29	152.07	124.29	152.07	87.49	152.07	124.29	Cloudy

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)

Table 36: Ambient Air quality Data for SO2 , NOX ,RSPM and SPM Monitored at Mahadwar road station, Kolhapur for the month of August 2007.

(All values are in µg/m3)

SO2														NOX														
Sr.	Hrs.	06	10	14	18	22	24 Hrs.	4Hrs	06	10	14	18	22	24 Hrs.	4Hrs	06	10	14	18	22	24 Hrs.	4Hrs	06	10	14	18	22	24 Hrs.
no.	Date						Avg.	Max						Avg.	Max							Max						Avg.
1	01/08/07	*	5.74	6.70	6.22	3.11	4.83	6.70	2.39	*	10.45	11.57	11.39	4.57	11.57	4.57	8.52	9.07	10.02	7.77	4.57	9.07	11.57	4.57	10.45	11.57	4.57	8.75
2	04/08/07	5.10	5.26	5.98	4.78	2.87	4.35	5.98	2.15	8.52	9.07	10.02	7.77	4.57	9.07	4.57	8.52	9.07	10.02	4.40	3.53	9.07	4.57	10.02	7.77	4.57	7.27	
3	08/08/07	4.07	4.54	5.02	4.31	3.11	3.90	5.02	2.39	7.34	8.11	9.07	7.69	4.40	7.34	3.90	6.65	7.34	8.03	6.99	*	8.03	6.99	7.34	8.11	9.07	6.69	
4	11/08/07	3.83	4.34	4.78	4.07	*	4.24	4.78	*	6.65	7.34	8.03	6.99	4.24	4.78	4.24	6.13	6.73	7.43	6.30	4.57	3.71	4.57	6.13	6.73	7.43	7.25	
5	15/08/07	4.54	5.02	5.74	4.78	4.31	4.70	5.74	3.83	6.13	6.73	7.43	6.30	4.70	5.74	4.70	6.13	6.73	7.43	6.30	4.57	3.71	4.57	6.13	6.73	7.43	5.81	
6	18/08/07	4.31	4.78	5.26	4.54	4.07	4.42	5.26	3.59	5.69	6.73	7.00	6.30	4.42	5.26	4.42	5.69	6.73	7.00	6.30	4.57	3.10	4.57	5.69	6.73	7.00	5.56	
7	22/08/07	4.19	4.88	5.58	4.42	3.72	4.38	5.58	3.49	5.57	6.18	6.87	5.57	4.38	5.57	4.38	5.57	6.18	6.87	5.57	4.19	3.58	4.19	5.57	6.18	6.87	5.32	
8	25/08/07	4.42	4.65	5.12	4.65	4.19	4.45	5.12	3.72	6.33	7.02	6.11	5.03	4.45	6.33	4.45	6.33	7.02	6.11	5.03	4.19	3.66	4.19	5.03	6.11	7.02	5.39	
9	29/08/07	3.91	4.84	5.53	4.15	3.68	4.22	5.53	3.22	6.64	7.56	8.55	7.17	4.22	6.64	4.22	6.64	7.56	8.55	7.17	4.50	2.04	4.50	7.17	8.55	8.55	6.07	

RSPM														SPM														Weather			
Sr.	Date	6-14	14-22	22-6	8 hrs.	24 hrs.	22-6	14-22	8 hrs.	24 hrs.	22-6	14-22	8 hrs.	24 hrs.	22-6	14-22	8 hrs.	24 hrs.	22-6	14-22	8 hrs.	24 hrs.	22-6	14-22	8 hrs.	24 hrs.	22-6	14-22	8 hrs.	24 hrs.	Condition
No.		Hrs.	Hrs.	Hrs.	Max.	Avg.	Hrs.	Hrs.	Max.	Avg.	Hrs.	Hrs.	Max.	Avg.	Hrs.	Hrs.	Max.	Avg.	Hrs.	Hrs.	Max.	Avg.	Hrs.	Hrs.	Max.	Avg.	Hrs.	Hrs.	Max.	Avg.	
1	01/08/07	54.16	72.91	39.58	72.91	55.55	120.82	156.24	87.49	156.24	121.51	121.51	121.51	121.51	121.51	121.51	121.51	121.51	121.51	121.51	121.51	121.51	121.51	121.51	121.51	121.51	121.51	121.51	121.51	121.51	Rainy
2	04/08/07	42.42	56.24	33.33	56.24	43.99	87.87	116.65	68.74	116.65	91.08	91.08	91.08	91.08	91.08	91.08	91.08	91.08	91.08	91.08	91.08	91.08	91.08	91.08	91.08	91.08	91.08	91.08	91.08	91.08	Rainy
3	08/08/07	35.41	52.08	29.16	52.08	38.88	74.99	108.32	62.49	108.32	81.93	81.93	81.93	81.93	81.93	81.93	81.93	81.93	81.93	81.93	81.93	81.93	81.93	81.93	81.93	81.93	81.93	81.93	81.93	81.93	Rainy
4	11/08/07	33.33	43.74	*	43.74	38.53	68.74	89.57	*	89.57	79.15	79.15	79.15	79.15	79.15	79.15	79.15	79.15	79.15	79.15	79.15	79.15	79.15	79.15	79.15	79.15	79.15	79.15	79.15	79.15	Rainy
5	15/08/07	41.66	58.33	33.33	58.33	44.44	89.57	124.99	70.82	124.99	95.12	95.12	95.12	95.12	95.12	95.12	95.12	95.12	95.12	95.12	95.12	95.12	95.12	95.12	95.12	95.12	95.12	95.12	95.12	95.12	Cloudy
6	18/08/07	37.50	50.00	29.16	50.00	38.88	79.16	110.41	64.57	110.41	84.71	84.71	84.71	84.71	84.71	84.71	84.71	84.71	84.71	84.71	84.71	84.71	84.71	84.71	84.71	84.71	84.71	84.71	84.71	84.71	Cloudy
7	22/08/07	45.83	72.22	37.49	72.22	51.84	97.91	149.99	79.15	149.99	109.01	109.01	109.01	109.01	109.01	109.01	109.01	109.01	109.01	109.01	109.01	109.01	109.01	109.01	109.01	109.01	109.01	109.01	109.01	109.01	Cloudy
8	25/08/07	39.58	50.00	33.33	50.00	40.97	79.16	112.50	70.83	112.50	87.49	87.49	87.49	87.49	87.49	87.49	87.49	87.49	87.49	87.49	87.49	87.49	87.49	87.49	87.49	87.49	87.49	87.49	87.49	87.49	Cloudy
9	29/08/07	54.16	52.08	37.49	54.16	47.91	112.49	114.57	79.15	114.57	102.07	102.07	102.07	102.07	102.07	102.07	102.07	102.07	102.07	102.07	102.07	102.07	102.07	102.07	102.07	102.07	102.07	102.07	102.07	102.07	Cloudy

(The blank spaces i.e. * mark indicates non availability of data due to power or instrument failure.)