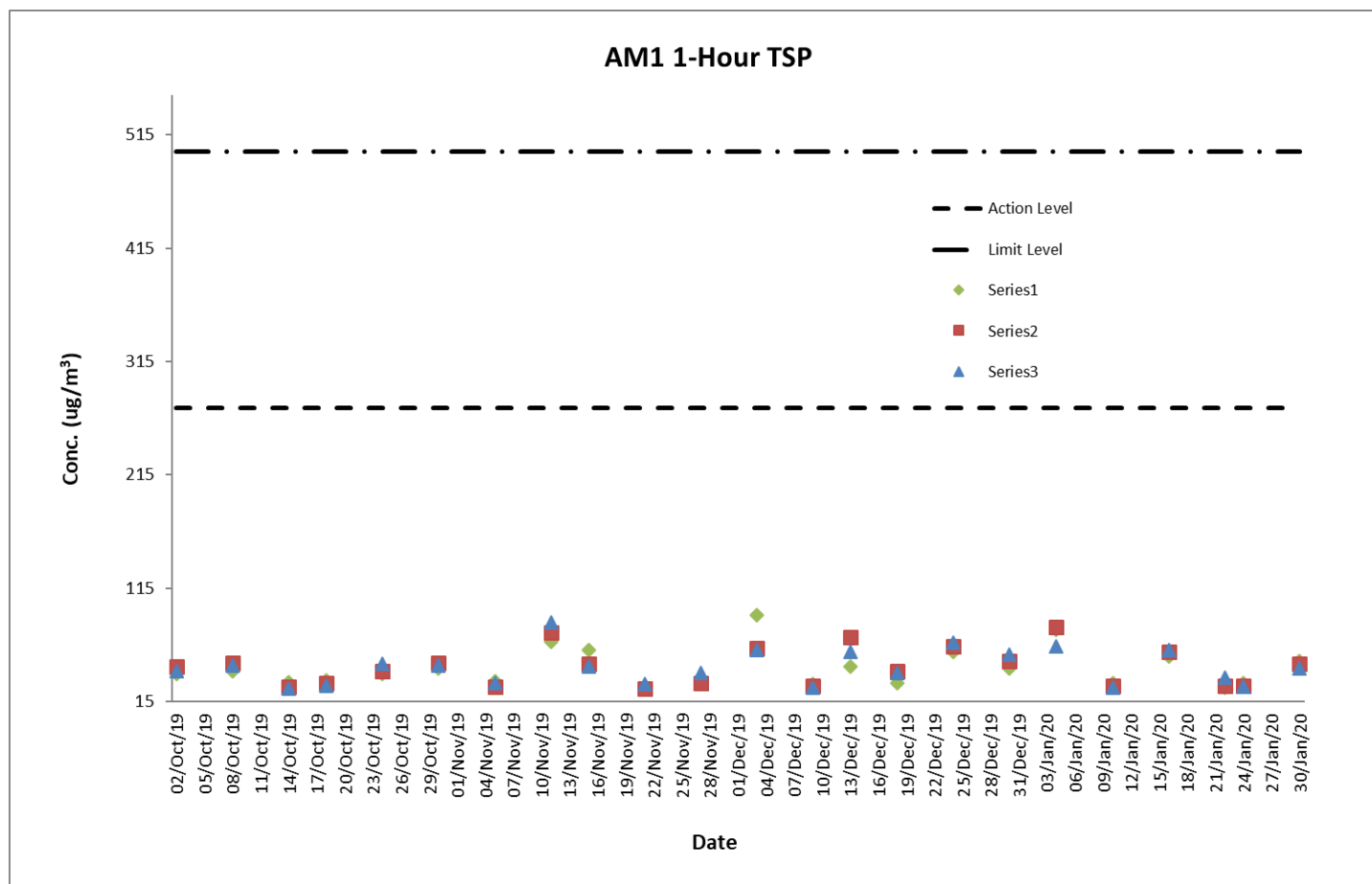


# **Air Quality Monitoring Result at Station AM1 (1-hour TSP)**

Date	Weather Condition	Time	Conc. ( $\mu\text{g}/\text{m}^3$ )			Action Level ( $\mu\text{g}/\text{m}^3$ )	Limit Level ( $\mu\text{g}/\text{m}^3$ )
			1 <sup>st</sup> Hour	2 <sup>nd</sup> Hour	3 <sup>rd</sup> Hour		
05-Nov-19	Sunny	13:20 - 16:20	33	28	31	273.7	500
11-Nov-19	Sunny	8:12 - 11:12	68	76	85	273.7	500
15-Nov-19	Sunny	13:22 - 16:22	60	48	46	273.7	500
21-Nov-19	Sunny	13:18 - 16:18	28	26	30	273.7	500
27-Nov-19	Sunny	8:18 - 11:18	34	31	40	273.7	500
03-Dec-19	Sunny	13:19 - 16:19	91	62	60	273.7	500
09-Dec-19	Fine	13:59 - 16:59	30	29	27	273.7	500
13-Dec-19	Cloudy	8:12 - 11:12	46	72	59	273.7	500
18-Dec-19	Cloudy	7:50 - 10:50	31	42	40	273.7	500
24-Dec-19	Fine	8:21 - 11:21	59	64	67	273.7	500
30-Dec-19	Cloudy	8:15 - 11:15	44	51	56	273.7	500
04-Jan-20	Sunny	8:12 - 11:12	78	81	64	273.7	500
10-Jan-20	Fine	13:12 - 16:12	31	29	27	273.7	500
16-Jan-20	Cloudy	13:18 - 16:18	55	59	60	273.7	500
22-Jan-20	Cloudy	8:14 - 11:14	27	29	36	273.7	500
24-Jan-20	Cloudy	13:10 - 16:10	31	29	28	273.7	500
30-Jan-20	Sunny	8:11 - 11:11	51	48	44	273.7	500

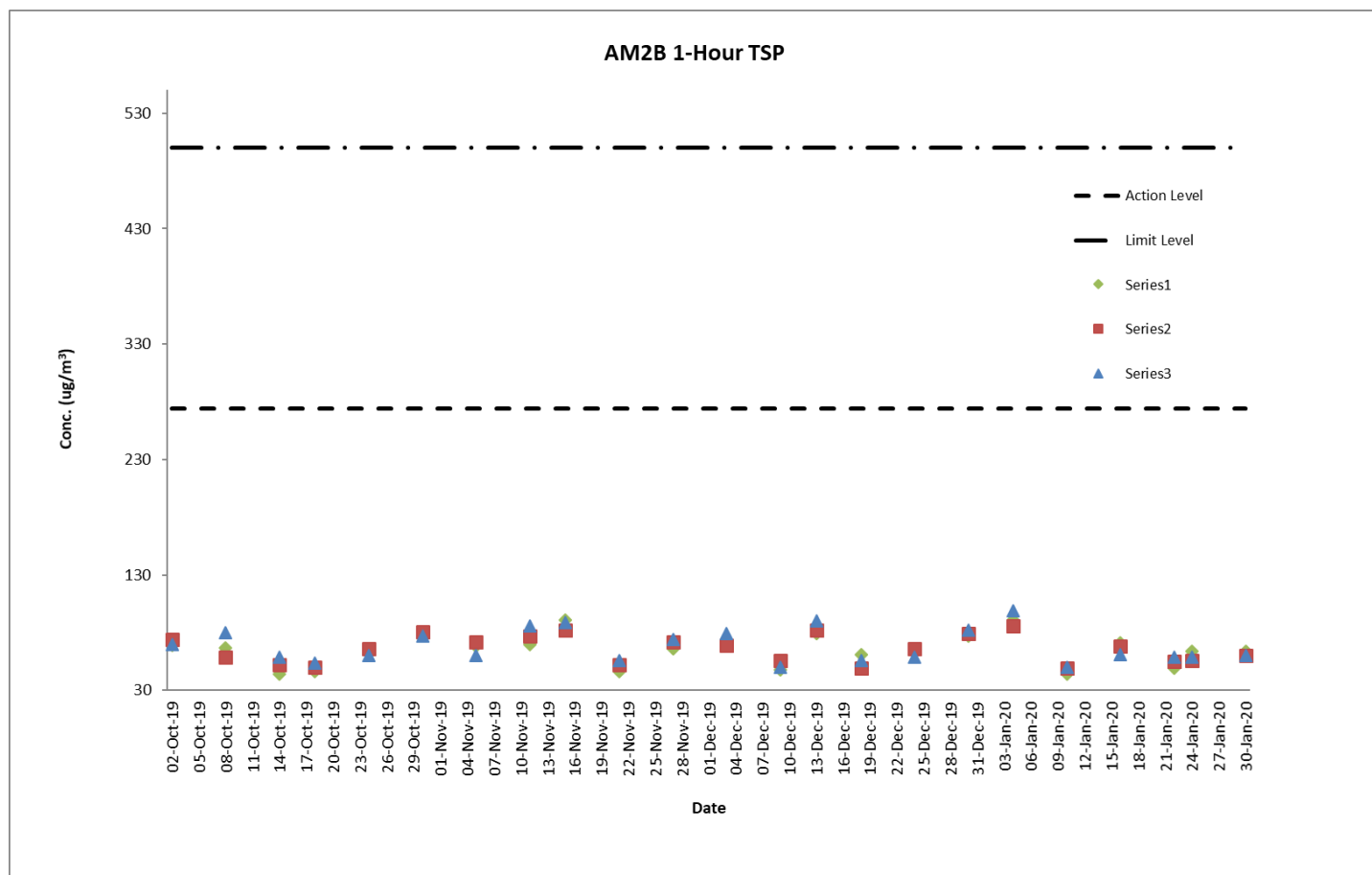
## Graphical Presentation of Air Quality Monitoring Result at Station AM1 (1-hour TSP)



# **Air Quality Monitoring Result at Station AM2B (1-hour TSP)**

Date	Weather Condition	Time	Conc. ( $\mu\text{g}/\text{m}^3$ )			Action Level ( $\mu\text{g}/\text{m}^3$ )	Limit Level ( $\mu\text{g}/\text{m}^3$ )
			1 <sup>st</sup> Hour	2 <sup>nd</sup> Hour	3 <sup>rd</sup> Hour		
05-Nov-19	Sunny	13:29 - 16:29	68	72	60	274.2	500
11-Nov-19	Sunny	8:26 - 11:26	70	77	86	274.2	500
15-Nov-19	Sunny	13:36 - 16:36	91	82	89	274.2	500
21-Nov-19	Sunny	13:32 - 16:32	46	52	56	274.2	500
27-Nov-19	Sunny	8:32 - 11:32	66	72	74	274.2	500
03-Dec-19	Sunny	13:32 - 16:32	72	69	79	274.2	500
09-Dec-19	Fine	13:12 - 16:12	48	56	50	274.2	500
13-Dec-19	Cloudy	8:26 - 11:26	79	82	90	274.2	500
18-Dec-19	Cloudy	8:06 - 11:06	61	49	56	274.2	500
24-Dec-19	Fine	8:37 - 11:37	63	66	59	274.2	500
30-Dec-19	Cloudy	8:28 - 11:28	77	79	82	274.2	500
04-Jan-20	Sunny	8:27 - 11:27	91	86	99	274.2	500
10-Jan-20	Fine	13:27 - 16:27	44	49	50	274.2	500
16-Jan-20	Cloudy	13:32 - 16:32	71	68	61	274.2	500
22-Jan-20	Cloudy	8:28 - 11:28	49	55	59	274.2	500
24-Jan-20	Cloudy	13:24 - 16:24	46	56	59	274.2	500
30-Jan-20	Sunny	8:25 - 11:25	64	60	60	274.2	500

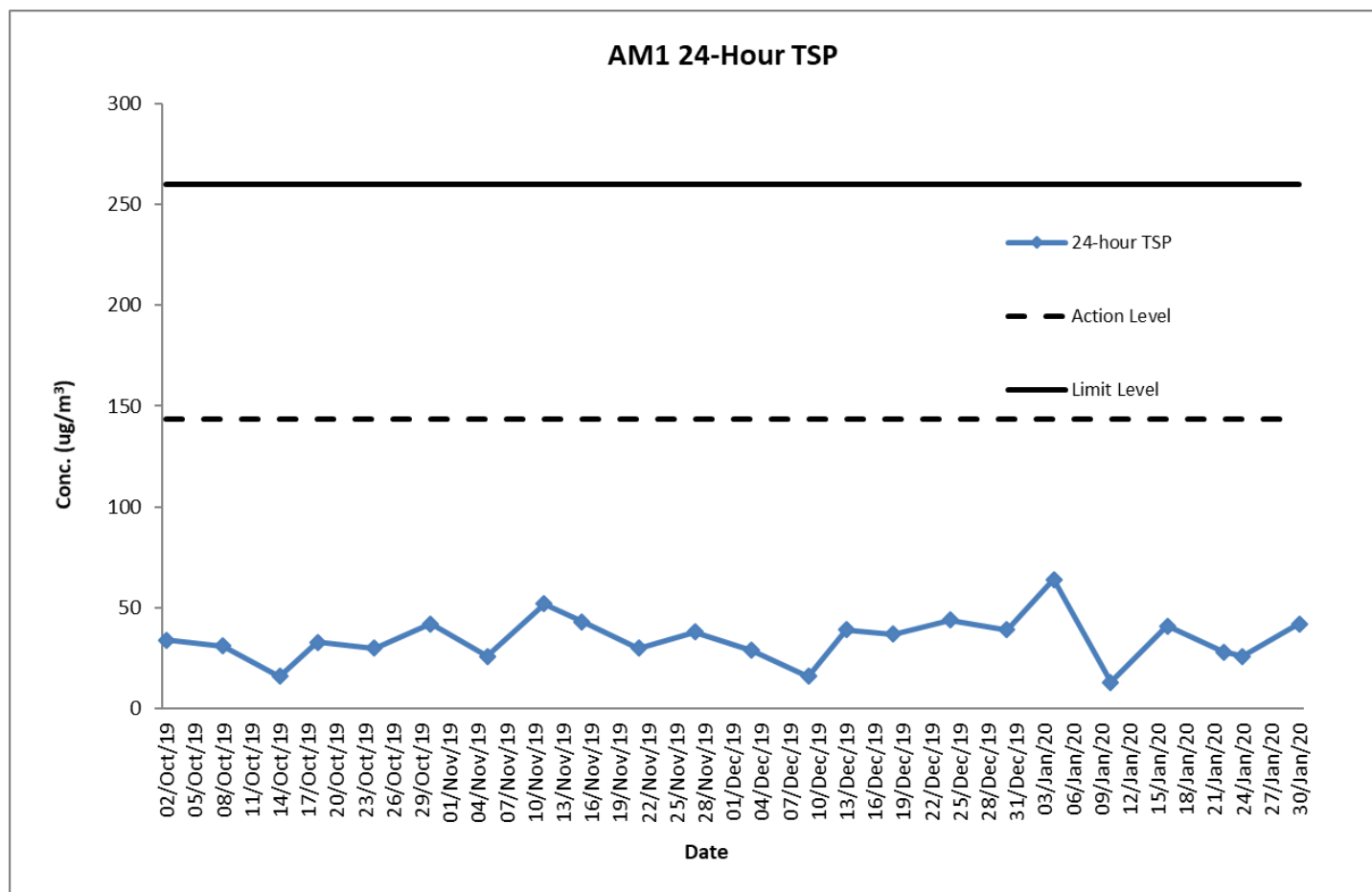
## Graphical Presentation of Air Quality Monitoring Result at Station AM2B (1-hour TSP)



### Air Quality Monitoring Result at Station AM1 (24-hour TSP)

Start		Finish		Filter Weight (g)		Reading		Sampling Time (hrs)	Flow Rate (m <sup>3</sup> /min)			Conc. (µg/m <sup>3</sup> )	Weather Condition	Action Level	Limit Level
Date	Time	Date	Time	Initial	Final	Initial	Final		Initial	Final	Average				
05-Nov-19	8:18	06-Nov-19	8:18	2.7198	2.7652	20960.38	20984.38	24	1.23	1.23	1.23	26	Sunny	143.6	260
11-Nov-19	8:10	12-Nov-19	8:10	2.7024	2.7949	20984.38	21008.38	24	1.23	1.23	1.23	52	Sunny	143.6	260
15-Nov-19	8:20	16-Nov-19	8:20	2.7003	2.7763	21008.38	21032.38	24	1.23	1.23	1.23	43	Sunny	143.6	260
21-Nov-19	8:16	22-Nov-19	8:16	2.7026	2.7556	21032.38	21056.38	24	1.23	1.23	1.23	30	Sunny	143.6	260
27-Nov-19	8:16	28-Nov-19	8:16	2.7056	2.7725	21056.38	21080.38	24	1.23	1.23	1.23	38	Sunny	143.6	260
03-Dec-19	8:17	04-Dec-19	8:17	2.7118	2.7659	21080.38	21104.38	24	1.31	1.31	1.31	29	Sunny	143.6	260
09-Dec-19	7:57	10-Dec-19	7:57	2.6982	2.7289	21104.38	21128.38	24	1.31	1.31	1.31	16	Fine	143.6	260
13-Dec-19	8:10	14-Dec-19	8:10	2.6986	2.7724	21128.38	21152.38	24	1.31	1.31	1.31	39	Cloudy	143.6	260
18-Dec-19	7:48	19-Dec-19	7:48	2.7084	2.7775	21152.38	21176.38	24	1.31	1.31	1.31	37	Cloudy	143.6	260
24-Dec-19	8:19	25-Dec-19	8:19	2.7096	2.7933	21176.38	21200.38	24	1.31	1.31	1.31	44	Fine	143.6	260
30-Dec-19	8:13	31-Dec-19	8:13	2.5884	2.6624	21200.38	21224.38	24	1.31	1.31	1.31	39	Cloudy	143.6	260
04-Jan-20	8:10	05-Jan-20	8:10	2.6028	2.724	21224.38	21248.38	24	1.31	1.31	1.31	64	Sunny	143.6	260
10-Jan-20	8:10	11-Jan-20	8:10	2.6907	2.7160	21248.38	21272.38	24	1.31	1.31	1.31	13	Fine	143.6	260
16-Jan-20	8:20	17-Jan-20	8:20	2.6930	2.7700	21272.38	21296.38	24	1.31	1.31	1.31	41	Cloudy	143.6	260
22-Jan-20	8:12	23-Jan-20	8:12	2.6980	2.7484	21296.38	21320.38	24	1.25	1.25	1.25	28	Cloudy	143.6	260
24-Jan-20	8:08	25-Jan-20	8:08	2.6957	2.7425	21320.38	21344.38	24	1.25	1.25	1.25	26	Cloudy	143.6	260
30-Jan-20	8:09	31-Jan-20	8:09	2.6532	2.7291	21344.38	21368.38	24	1.25	1.25	1.25	42	Sunny	143.6	260

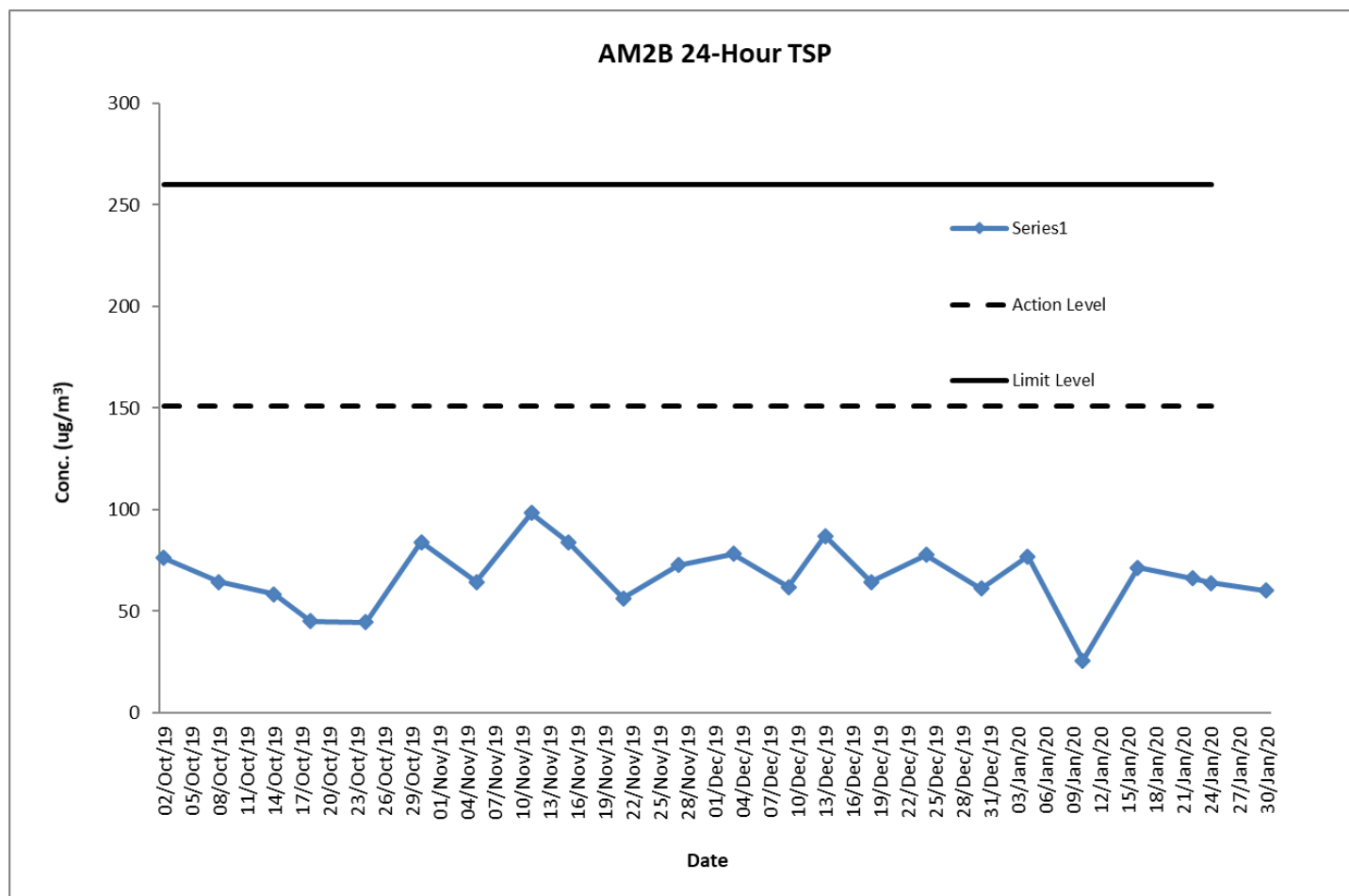
Graphical Presentation of Air Quality Monitoring Result at Station AM1 (24-hour TSP)



### Air Quality Monitoring Result at Station AM2B (24-hour TSP)

Start		Finish		Filter Weight (g)		Reading		Sampling Time (hrs)	Flow Rate (m <sup>3</sup> /min)			Conc. (µg/m <sup>3</sup> )	Weather Condition	Action Level	Limit Level
Date	Time	Date	Time	Initial	Final	Initial	Final		Initial	Final	Average				
05-Nov-19	8:27	06-Nov-19	8:27	2.6875	2.8060	20515.05	20539.05	24	1.28	1.28	1.28	64	Sunny	151.1	260
11-Nov-19	8:24	12-Nov-19	8:24	2.7256	2.9070	20539.05	20563.05	24	1.28	1.28	1.28	98	Fine	151.1	260
15-Nov-19	8:34	16-Nov-19	8:34	2.7047	2.8597	20563.05	20587.05	24	1.28	1.28	1.28	84	Cloudy	151.1	260
21-Nov-19	8:30	22-Nov-19	8:30	2.6917	2.7957	20587.05	20611.05	24	1.28	1.28	1.28	56	Fine	151.1	260
27-Nov-19	8:30	28-Nov-19	8:30	2.7040	2.8378	20611.05	20635.05	24	1.28	1.28	1.28	73	Sunny	151.1	260
03-Dec-19	8:30	04-Dec-19	8:30	2.6916	2.8380	20635.05	20659.05	24	1.3	1.3	1.3	78	Sunny	151.1	260
09-Dec-19	8:10	10-Dec-19	8:10	2.6678	2.7838	20659.05	20683.05	24	1.3	1.3	1.3	62	Fine	151.1	260
13-Dec-19	8:24	14-Dec-19	8:24	2.6903	2.8530	20683.05	20707.05	24	1.3	1.3	1.3	87	Cloudy	151.1	260
18-Dec-19	8:04	19-Dec-19	8:04	2.7261	2.8466	20707.05	20731.05	24	1.3	1.3	1.3	64	Cloudy	151.1	260
24-Dec-19	8:35	25-Dec-19	8:35	2.5751	2.7207	20731.05	20755.05	24	1.3	1.3	1.3	78	Fine	151.1	260
30-Dec-19	8:30	31-Dec-19	8:30	2.5777	2.6917	20755.05	20779.05	24	1.3	1.3	1.3	61	Cloudy	151.1	260
04-Jan-20	8:25	05-Jan-20	8:25	2.6973	2.8415	20779.05	20803.05	24	1.3	1.3	1.3	77	Sunny	151.1	260
10-Jan-20	8:25	11-Jan-20	8:25	2.6946	2.7428	20803.05	20827.05	24	1.3	1.3	1.3	26	Fine	151.1	260
16-Jan-20	8:34	17-Jan-20	8:34	2.6902	2.824	20827.05	20851.05	24	1.3	1.3	1.3	71	Cloudy	151.1	260
22-Jan-20	8:26	23-Jan-20	8:26	2.685	2.7985	20851.05	20875.05	24	1.19	1.19	1.19	66	Cloudy	151.1	260
24-Jan-20	8:22	25-Jan-20	8:22	2.7069	2.8163	20875.05	20899.05	24	1.19	1.19	1.19	64	Cloudy	151.1	260
30-Jan-20	8:23	31-Jan-20	8:23	2.6774	2.78	20899.05	20923.05	24	1.19	1.19	1.19	60	Sunny	151.1	260

Graphical Presentation of Air Quality Monitoring Result at Station AM2B (24-hour TSP)





## Noise Monitoring Result at Station NM1A

Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
05-Nov-19	10:35	67.9	63.4	69
05-Nov-19	10:40	66.2	62.1	
05-Nov-19	10:45	66.9	62.8	
05-Nov-19	10:50	68.4	64.0	
05-Nov-19	10:55	67.0	63.2	
05-Nov-19	11:00	68.1	64.7	
11-Nov-19	10:35	67.4	63.1	69
11-Nov-19	10:40	68.0	64.2	
11-Nov-19	10:45	69.2	65.7	
11-Nov-19	10:50	68.3	64.7	
11-Nov-19	10:55	66.7	62.2	
11-Nov-19	11:00	67.9	63.9	
21-Nov-19	10:36	67.4	63.9	69
21-Nov-19	10:41	69.0	65.4	
21-Nov-19	10:46	68.7	64.1	
21-Nov-19	10:51	66.4	62.7	
21-Nov-19	10:56	68.1	64.5	
21-Nov-19	11:01	67.9	63.9	
27-Nov-19	10:27	68.1	64.1	69
27-Nov-19	10:32	67.1	63.5	
27-Nov-19	10:37	66.2	62.7	
27-Nov-19	10:42	67.5	63.4	
27-Nov-19	10:47	66.4	62.8	
27-Nov-19	10:52	67.9	63.9	
03-Dec-19	10:35	68.4	64.7	69
03-Dec-19	10:40	66.7	62.9	
03-Dec-19	10:45	67.9	63.4	
03-Dec-19	10:50	69.0	65.0	
03-Dec-19	10:55	68.4	64.7	
03-Dec-19	11:00	68.7	64.2	
09-Dec-19	10:20	67.0	63.4	69
09-Dec-19	10:25	68.2	64.9	
09-Dec-19	10:30	66.7	62.7	
09-Dec-19	10:35	67.6	63.5	
09-Dec-19	10:40	68.4	64.3	
09-Dec-19	10:45	66.5	62.6	
18-Dec-19	10:14	66.8	62.6	69
18-Dec-19	10:19	67.0	63.7	
18-Dec-19	10:24	68.3	64.1	
18-Dec-19	10:29	68.5	64.3	
18-Dec-19	10:34	66.2	62.9	
18-Dec-19	10:39	67.5	63.8	
24-Dec-19	10:40	66.5	62.1	68
24-Dec-19	10:45	67.0	63.4	
24-Dec-19	10:50	68.4	64.5	
24-Dec-19	10:55	66.7	62.8	
24-Dec-19	11:00	66.0	62.7	
24-Dec-19	11:05	66.5	62.9	
30-Dec-19	10:38	66.0	62.4	69
30-Dec-19	10:43	67.8	63.3	
30-Dec-19	10:48	68.1	64.5	
30-Dec-19	10:53	68.6	64.2	
30-Dec-19	10:58	66.5	62.7	
30-Dec-19	11:03	67.6	63.5	

10-Jan-20	10:35	67.1	63.9	69
10-Jan-20	10:40	68.9	64.7	
10-Jan-20	10:45	68.7	64.8	
10-Jan-20	10:50	67.1	63.5	
10-Jan-20	10:55	66.4	62.6	
10-Jan-20	11:00	67.3	63.4	
16-Jan-20	10:40	67.0	63.4	68
16-Jan-20	10:45	68.1	64.5	
16-Jan-20	10:50	67.8	63.7	
16-Jan-20	10:55	66.5	62.6	
16-Jan-20	11:00	67.6	63.9	
16-Jan-20	11:05	66.3	62.5	
22-Jan-20	10:33	68.0	64.1	68
22-Jan-20	10:38	66.9	62.7	
22-Jan-20	10:43	66.7	62.9	
22-Jan-20	10:48	67.0	63.4	
22-Jan-20	10:53	67.7	63.7	
22-Jan-20	10:58	66.5	62.9	
30-Jan-20	10:30	66.0	62.1	68
30-Jan-20	10:35	65.8	61.5	
30-Jan-20	10:40	67.1	63.4	
30-Jan-20	10:45	67.7	63.5	
30-Jan-20	10:50	66.4	62.0	
30-Jan-20	10:55	65.9	61.5	

**Remarks:**

+3dB (A) correction was applied to free-field measurement.



The station set-up of a free-field measurement at Station NM1A.

## Graphical Presentation Noise Monitoring Result at Station NM1A

