



## KARNATAKA STATE POLLUTION CONTROL BOARD

No.49, Parisara Bhavan, Church Street, Bengaluru-560 001.

### **Air Quality Monitoring Cell**

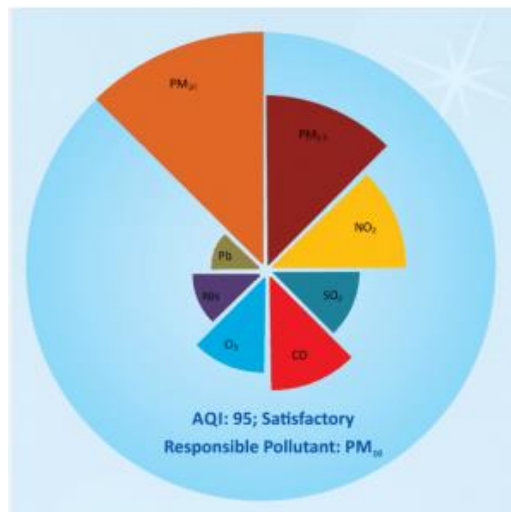
Air Quality Index of CAAQM Stations monitored in Bengaluru city-**November-2023**.

#### **Air Quality Index-(AQI)**

Air Quality Index is a tool for effective communication of air quality status to people in terms, which are easy to understand. It transforms complex air quality data of various pollutants into a single number (index value), nomenclature and colour.

There are six AQI categories, namely Good, Satisfactory, Moderate, Poor, Very Poor, and Severe. Each of these categories is decided based on ambient concentration values of air pollutants and their likely health impacts (known as health breakpoints). AQ sub-index and health breakpoints are evolved for eight pollutants (PM<sub>10</sub>, PM<sub>2.5</sub>, NO<sub>2</sub>, SO<sub>2</sub>, CO, O<sub>3</sub>, NH<sub>3</sub>, and Pb) for which short-term (upto 24-hours) National Ambient Air Quality Standards are prescribed.

Based on the measured ambient concentrations of a pollutant, sub-index is calculated, which is a linear function of concentration (e.g. the sub-index for PM<sub>2.5</sub> will be 51 at concentration 31 µg/m<sup>3</sup>, 100 at concentration 60 µg/m<sup>3</sup>, and 75 at concentration of 45(µg/m<sup>3</sup>). The worst sub-index determines the overall AQI. AQI categories and health breakpoints for the eight pollutants are as follow:



The Karnataka State Pollution Control Board has installed 11 Continuous Ambient Air Quality Monitoring Stations (CAAQMs) covering Residential, Commercial, Industrial and Silence Zones. The Air Quality is being monitored round the clock, 24 hours a day for the Primary and secondary pollutants as well as Meteorological parameters. The Air Quality monitored during the month of November-2023 is as shown below:

### Daily AQI Values of Bengaluru (November-2023)

Date / Station Name	City Railway Station, Majestic	Nisarga Bhavan, Saneguruvanahalli	Veterinary College, Hebbal	Shalini Ground, Jayanagar	KAVIKA, Mysore Road	NIMHANS	H.S.R Layout, Near Central Silkboard	Jigani Industrial Area, Anekal	R.V.Engineering College, Kengeri	Kasturinaragar RTO	Peenya Industrial Area
01-11-2023	81	37	73	93	103	70	76	82	43	76	66
02-11-2023	78	39	56	75	84	43	70	51	42	41	43
03-11-2023	78	39	33	44	60	22	39	46	38	32	34
04-11-2023	79	37	32	45	58	23	45	48	45	28	84
05-11-2023	76	36	27	37	40	17	36	57	47	31	87
06-11-2023	78	37	41	51	59	37	56	55	55	36	47
07-11-2023	80	41	25	51	75	34	36	55	50	32	53
08-11-2023	77	43	29	48	62	24	48	62	46	33	62
09-11-2023	66	39	53	76	84	47	66	78	78	57	105
10-11-2023	92	43	76	105	102	72	82	96	105	79	122
11-11-2023	84	42	83	107	110	81	101	88	91	81	88
12-11-2023	101	82	167	262	199	175	129	107	142	65	108
13-11-2023	119	106	169	300	249	212	301	148	135	102	136
14-11-2023	124	112	175	273	258	177	257	118	177	180	143
15-11-2023	106	64	149	198	203	149	263	110	150	131	121
16-11-2023	86	52	98	106	152	85	233	99	137	89	100
17-11-2023	104	52	107	122	130	93	189	64	103	68	82
18-11-2023	95	47	58	82	86	56	103	65	62	42	53
19-11-2023	91	43	45	65	75	38	72	67	64	39	42
20-11-2023	88	47	48	74	90	43	140	72	60	26	47
21-11-2023	87	42	46	73	88	37	153	74	53	29	44
22-11-2023	80	43	30	50	75	26	75	59	47	40	37
23-11-2023	83	45	38	48	54	27	54	60	77	59	43
24-11-2023	79	46	42	53	50	28	55	48	96	60	47
25-11-2023	86	42	51	53	65	28	60	69	97	71	51
26-11-2023	80	44	62	75	72	48	77	76	110	90	49
27-11-2023	82	42	38	46	48	23	62	57	115	58	38
28-11-2023	82	42	51	60	64	36	75	73	104	69	49
29-11-2023	78	50	33	54	50	22	72	51	79	38	31
30-11-2023	79	42	29	39	45	19	58	52	76	32	34
<b>Min</b>	<b>66</b>	<b>36</b>	<b>25</b>	<b>37</b>	<b>40</b>	<b>17</b>	<b>36</b>	<b>46</b>	<b>38</b>	<b>26</b>	<b>31</b>
<b>Max</b>	<b>124</b>	<b>112</b>	<b>175</b>	<b>300</b>	<b>258</b>	<b>212</b>	<b>301</b>	<b>148</b>	<b>177</b>	<b>180</b>	<b>143</b>

\* Data Not available

Good	Satisfactory	Moderate	Poor	Very Poor	Severe
(0-50)	(51-100)	(101-200)	(201-300)	(301-400)	(>401)

City Railway Station, Majestic-November 2023					
Date	PM <sub>10</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	AQI
01-11-2023	81.0	14.3	27.2	1.04	81
02-11-2023	77.9	14.3	29.2	1.13	78
03-11-2023	77.9	14.3	31.3	1.05	78
04-11-2023	78.9	14.3	26.1	0.97	79
05-11-2023	76.3	14.3	22.5	1.02	76
06-11-2023	78.0	9.2	22.5	1.04	78
07-11-2023	79.6	6.5	22.5	1.02	80
08-11-2023	76.9	6.6	21.4	1.02	77
09-11-2023	65.7	10.0	21.8	1.14	66
10-11-2023	65.3	12.0	20.8	1.83	92
11-11-2023	84.3	12.4	20.2	1.29	84
12-11-2023	100.8	11.8	25.4	1.70	101
13-11-2023	127.8	17.7	32.7	1.53	119
14-11-2023	136.2	19.9	32.0	1.63	124
15-11-2023	108.7	11.4	26.2	1.18	106
16-11-2023	85.5	10.3	25.3	1.44	86
17-11-2023	105.9	10.8	25.0	1.44	104
18-11-2023	95.3	10.8	24.2	1.48	95
19-11-2023	91.4	10.8	20.5	1.39	91
20-11-2023	88.3	10.7	21.7	1.39	88
21-11-2023	86.5	10.0	24.4	1.11	87
22-11-2023	80.0	10.1	23.0	0.88	80
23-11-2023	82.7	9.0	22.5	1.04	83
24-11-2023	79.0	8.8	28.3	1.00	79
25-11-2023	85.5	8.7	27.9	1.05	86
26-11-2023	80.3	8.7	28.7	1.00	80
27-11-2023	82.0	9.0	27.0	0.80	82
28-11-2023	82.0	9.8	27.1	0.89	82
29-11-2023	77.7	9.4	27.9	0.90	78
30-11-2023	79.4	9.7	26.7	0.96	79
<b>Minimum</b>	<b>65.3</b>	<b>6.5</b>	<b>20.2</b>	<b>0.80</b>	*
<b>Maximum</b>	<b>136.2</b>	<b>19.9</b>	<b>32.7</b>	<b>1.83</b>	*
<b>Average</b>	<b>86.6</b>	<b>11.2</b>	<b>25.4</b>	<b>1.18</b>	*

**Nisarga Bhavan, Saneguruvanahalli-November 2023**

Date	PM <sub>10</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	Temp °C	HR %	WS m/s	WD degree	SR W/m <sup>2</sup>	AQI
01-11-2023	37.3	3.8	24.8	0.59	23.8	63	0.6	119	96	37
02-11-2023	38.8	3.8	22.4	0.49	23.7	69	0.6	117	89	39
03-11-2023	38.8	3.8	21.0	0.52	23.5	68	0.7	118	100	39
04-11-2023	36.6	3.8	20.9	0.53	23.2	73	0.6	118	83	37
05-11-2023	35.5	3.8	20.9	0.70	23.6	71	0.6	116	94	36
06-11-2023	36.9	3.8	24.7	0.60	23.7	70	0.6	118	80	37
07-11-2023	41.4	5.9	26.6	0.62	23.6	66	0.6	116	67	41
08-11-2023	35.6	6.8	23.2	0.85	23.2	54	0.8	121	82	43
09-11-2023	38.8	6.8	23.4	0.58	23.2	61	0.6	118	59	39
10-11-2023	43.2	6.8	24.4	0.57	23.5	47	0.6	117	84	43
11-11-2023	42.8	6.8	22.9	0.54	24.1	45	0.6	118	117	42
12-11-2023	81.8	10.5	24.2	0.57	23.8	53	0.6	120	113	82
13-11-2023	109.0	15.0	29.6	0.96	23.7	48	0.6	121	114	106
14-11-2023	117.3	12.4	26.3	0.58	24.0	47	0.5	124	67	112
15-11-2023	63.5	4.3	23.9	0.59	24.1	52	0.6	123	97	64
16-11-2023	52.3	2.3	24.0	0.74	23.7	57	0.6	119	120	52
17-11-2023	51.5	2.1	24.1	0.70	22.2	65	0.6	116	118	52
18-11-2023	47.3	2.0	21.4	0.65	19.3	75	0.6	118	111	47
19-11-2023	42.6	1.9	21.1	0.64	20.5	73	0.6	117	120	43
20-11-2023	47.1	2.1	20.2	0.56	20.5	72	0.6	123	123	47
21-11-2023	42.2	3.4	22.3	0.53	20.7	65	0.6	127	63	42
22-11-2023	43.0	2.1	23.2	0.66	20.0	81	0.6	140	83	43
23-11-2023	44.6	2.0	23.6	0.79	21.5	74	0.6	114	60	45
24-11-2023	45.6	2.0	23.2	0.73	21.8	66	0.6	114	88	46
25-11-2023	42.4	2.7	22.2	0.78	22.0	64	0.6	116	59	42
26-11-2023	44.2	2.1	20.3	0.77	21.6	61	0.6	116	101	44
27-11-2023	42.3	2.1	21.8	0.75	21.5	57	0.6	114	77	42
28-11-2023	41.6	2.1	25.2	0.81	21.7	64	0.6	115	81	42
29-11-2023	50.4	1.7	21.5	0.57	21.6	75	0.5	116	106	50
30-11-2023	42.2	2.1	21.0	0.50	20.7	64	0.5	115	69	42
<b>Minimum</b>	<b>35.5</b>	<b>1.7</b>	<b>20.2</b>	<b>0.49</b>	<b>19.3</b>	<b>45</b>	<b>0.5</b>	<b>114</b>	<b>59</b>	<b>*</b>
<b>Maximum</b>	<b>117.3</b>	<b>15.0</b>	<b>29.6</b>	<b>0.96</b>	<b>24.1</b>	<b>81</b>	<b>0.8</b>	<b>140</b>	<b>123</b>	<b>*</b>
<b>Average</b>	<b>49.2</b>	<b>4.4</b>	<b>23.1</b>	<b>0.65</b>	<b>22.5</b>	<b>63</b>	<b>0.6</b>	<b>119</b>	<b>91</b>	<b>*</b>

**Veterinary College, Hebbal- November 2023**

Date	PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	Temp °C	RH %	WS m/s	WD degree	BP mmHg	AQI
01-11-2023	71.2	43.5	8.4	3.8	0.37	13.3	4.9	0.39	24.9	70	1.0	5	714	73
02-11-2023	56.3	29.1	8.0	3.7	0.41	9.1	4.9	0.41	24.9	74	1.0	5	713	56
03-11-2023	32.5	13.1	7.0	3.8	0.38	8.4	4.9	0.40	25.3	73	1.0	8	715	33
04-11-2023	32.1	12.9	7.8	3.7	0.37	8.2	4.9	0.40	23.9	76	1.7	11	720	32
05-11-2023	26.8	12.4	7.5	3.7	0.36	7.5	4.9	0.39	24.9	74	1.8	7	723	27
06-11-2023	40.6	23.4	8.6	3.8	0.39	13.8	4.9	0.42	23.7	87	1.8	8	721	41
07-11-2023	25.1	11.1	13.5	9.1	0.36	10.3	5.7	0.44	21.7	94	1.7	10	724	25
08-11-2023	28.6	12.3	17.0	3.7	0.35	8.2	4.9	0.41	23.6	69	0.8	14	719	29
09-11-2023	53.1	30.2	16.1	3.8	0.48	9.5	4.9	0.44	22.9	68	1.0	7	716	53
10-11-2023	75.9	42.8	11.4	3.8	0.42	8.8	4.9	0.43	23.8	65	0.4	6	716	76
11-11-2023	82.8	48.5	10.3	3.8	0.39	9.3	4.9	0.42	24.1	57	0.7	88	717	83
12-11-2023	115.9	80.1	14.0	3.7	0.35	12.0	4.9	0.40	23.1	61	1.0	112	716	167
13-11-2023	120.9	80.8	16.5	3.8	0.40	11.8	4.9	0.41	22.8	60	0.8	112	714	169
14-11-2023	117.1	82.5	17.5	3.8	0.35	8.3	4.9	0.41	21.1	68	0.6	196	712	175
15-11-2023	107.8	74.7	17.5	3.7	0.36	10.2	4.9	0.40	23.2	64	0.6	219	715	149
16-11-2023	92.3	58.7	18.2	8.2	0.59	9.0	6.0	1.10	24.5	59	0.5	225	717	98
17-11-2023	97.9	62.2	22.8	3.8	0.39	7.7	4.9	1.51	25.0	64	0.7	140	714	107
18-11-2023	58.1	32.1	23.5	3.7	0.34	7.7	4.9	0.13	25.0	66	0.8	171	714	58
19-11-2023	45.2	21.0	23.4	3.7	0.35	7.7	4.9	0.08	24.4	59	0.8	160	720	45
20-11-2023	48.1	26.8	23.1	3.7	0.35	7.7	4.9	0.06	23.4	66	0.8	203	723	48
21-11-2023	45.5	25.0	23.1	3.8	0.35	7.7	4.9	0.06	22.6	74	0.6	226	728	46
22-11-2023	30.1	11.8	23.1	3.8	0.40	7.6	4.9	0.07	23.2	77	0.5	207	721	30
23-11-2023	37.8	17.3	22.9	3.8	0.38	7.6	4.9	0.08	23.6	71	0.7	127	711	38
24-11-2023	41.5	18.2	23.4	3.8	0.41	7.0	4.9	0.08	23.5	69	0.8	121	713	42
25-11-2023	51.3	28.0	10.3	3.2	0.15	11.2	4.1	0.16	22.1	75	0.7	147	712	51
26-11-2023	59.7	37.0	11.6	3.8	0.32	11.9	4.9	0.07	23.0	70	0.9	154	712	62
27-11-2023	37.5	14.3	10.7	3.8	0.39	8.7	4.9	0.07	23.5	71	0.9	139	711	38
28-11-2023	50.9	23.0	9.6	3.8	0.37	8.5	4.9	0.09	23.5	69	0.7	155	711	51
29-11-2023	33.2	12.6	10.7	3.8	0.36	7.3	4.9	0.08	23.8	68	0.8	147	711	33
30-11-2023	29.3	10.3	11.1	3.8	0.35	8.5	4.9	0.07	23.3	69	0.8	143	711	29
Minimum	25.1	10.3	7.0	3.2	0.15	7.0	4.1	0.06	21.1	57	0.4	5	711	*
Maximum	120.9	82.5	23.5	9.1	0.59	13.8	6.0	1.51	25.3	94	1.8	226	728	*
Average	58.2	33.2	15.0	4.1	0.37	9.2	4.9	0.33	23.6	69	0.9	109	716	*

**Shalini Ground, Jayanagar- November 2023**

Date	PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	Temp °C	RH %	WS m/s	WD degree	BP mmHg	AQI
01-11-2023	92.9	54.0	13.8	8.1	0.68	4.7	4.1	0.19	25.2	85	0.6	140	728	93
02-11-2023	74.8	32.9	12.1	9.1	0.74	10.9	4.5	0.21	25.1	85	0.6	142	727	75
03-11-2023	44.2	19.2	11.1	9.0	0.51	15.2	4.3	0.14	25.7	84	0.7	141	726	44
04-11-2023	45.2	20.4	14.9	9.3	0.59	17.5	4.4	0.45	24.4	84	0.5	142	726	45
05-11-2023	37.4	16.6	10.4	8.2	0.52	14.9	4.1	0.36	24.5	84	0.5	151	727	37
06-11-2023	51.2	30.5	13.8	7.8	0.70	10.3	4.1	0.19	24.5	85	0.7	174	728	51
07-11-2023	34.3	23.5	13.4	9.2	1.02	14.2	4.7	0.28	22.3	84	0.4	194	728	51
08-11-2023	47.5	18.8	8.9	11.1	0.79	14.1	4.6	0.22	24.3	84	0.6	159	728	48
09-11-2023	76.0	36.2	9.7	16.3	1.08	15.3	4.9	0.30	24.2	85	0.5	147	728	76
10-11-2023	108.1	52.8	13.3	14.6	0.63	10.5	4.0	0.18	24.4	84	0.6	133	729	105
11-11-2023	110.8	59.9	11.7	13.9	0.27	7.1	3.6	0.08	24.7	83	0.6	134	729	107
12-11-2023	154.9	108.5	10.4	17.1	0.46	9.9	5.8	0.12	23.6	80	0.5	130	729	262
13-11-2023	171.8	119.9	13.4	15.4	1.10	12.9	13.8	0.20	23.6	82	0.5	120	728	300
14-11-2023	159.6	112.0	13.1	14.1	1.02	18.8	14.0	0.23	22.0	82	0.5	117	728	273
15-11-2023	141.9	89.4	13.1	14.9	1.12	23.6	14.6	0.31	24.2	82	0.5	118	728	198
16-11-2023	109.0	61.3	12.0	15.1	0.82	29.4	14.7	0.23	24.8	83	0.5	142	728	106
17-11-2023	113.3	66.5	12.2	13.9	0.67	31.4	14.1	0.19	25.2	83	0.6	136	728	122
18-11-2023	81.9	42.3	11.4	12.6	0.69	33.4	14.1	0.19	25.2	83	0.6	138	728	82
19-11-2023	65.0	29.9	15.7	11.0	0.36	32.9	13.8	0.10	24.5	83	0.6	133	728	65
20-11-2023	73.7	38.2	17.8	13.6	0.88	32.9	14.9	0.25	24.3	82	0.6	124	728	74
21-11-2023	72.5	32.9	11.2	17.4	1.11	34.3	15.4	0.31	23.9	81	0.6	106	727	73
22-11-2023	50.0	22.8	10.5	16.6	0.82	42.3	14.9	0.23	24.2	81	0.4	152	727	50
23-11-2023	48.3	25.6	12.5	14.5	0.44	38.1	13.8	0.12	23.9	82	0.6	140	726	48
24-11-2023	53.4	24.9	9.1	12.7	0.49	34.8	13.7	0.14	23.8	81	0.7	140	727	53
25-11-2023	52.6	23.5	7.7	13.4	0.88	35.6	15.1	0.25	23.0	85	0.6	135	728	53
26-11-2023	75.4	42.6	9.9	11.5	0.44	33.5	13.8	0.12	23.5	82	0.7	132	728	75
27-11-2023	46.2	17.8	10.1	12.4	0.44	33.6	14.1	0.12	24.2	81	0.7	131	727	46
28-11-2023	59.9	31.3	9.4	12.9	0.63	32.8	14.4	0.18	24.1	81	0.6	135	727	60
29-11-2023	54.2	19.3	14.7	14.6	0.62	35.2	14.1	0.17	24.1	79	0.6	131	727	54
30-11-2023	26.5	10.0	5.0	10.1	0.30	38.6	15.5	0.08	21.7	72	0.7	136	728	39
Minimum	26.5	10.0	5.0	7.8	0.27	4.7	3.6	0.08	21.7	72	0.4	106	726	*
Maximum	171.8	119.9	17.8	17.4	1.12	42.3	15.5	0.45	25.7	85	0.7	194	729	*
Average	77.7	42.8	11.7	12.7	0.69	24.0	10.4	0.20	24.1	82	0.6	138	728	*

**KAVIKA, Mysore Road- November 2023**

Date	PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	Temp °C	RH %	WS m/s	WD degree	BP mmHg	AQI
01-11-2023	104.4	57.6	5.0	8.3	1.01	11.4	2.1	0.03	25.4	88.1	1.1	123	721	103
02-11-2023	83.9	42.4	5.1	8.4	1.02	11.4	2.1	0.04	25.5	88.1	1.1	127	720	84
03-11-2023	59.7	28.7	4.7	8.6	0.91	11.5	2.1	0.03	25.9	88.0	1.2	122	719	60
04-11-2023	55.2	34.8	5.3	8.6	0.94	11.4	2.0	0.05	24.7	88.2	1.1	125	719	58
05-11-2023	39.5	21.3	4.7	8.4	0.58	11.4	2.1	0.03	25.3	88.0	1.1	134	720	40
06-11-2023	59.2	31.5	5.6	8.2	1.01	11.4	2.1	0.06	24.5	87.8	0.8	170	721	59
07-11-2023	56.7	34.2	5.3	8.4	1.49	11.4	2.1	0.07	22.9	88.1	0.7	177	722	75
08-11-2023	61.9	30.3	4.9	8.6	0.86	11.3	2.2	0.05	24.7	88.0	0.9	161	721	62
09-11-2023	84.4	44.6	4.8	8.5	1.00	11.5	2.1	0.05	24.3	88.3	0.9	131	722	84
10-11-2023	102.5	54.0	4.9	8.4	1.00	11.5	2.1	0.05	24.7	88.2	1.1	126	723	102
11-11-2023	114.8	61.3	4.9	8.4	1.04	11.5	2.1	0.05	25.0	88.1	1.2	118	723	110
12-11-2023	148.1	89.6	5.3	8.3	1.02	11.3	2.1	0.03	24.2	88.4	1.1	115	723	199
13-11-2023	177.0	104.6	5.5	8.3	1.11	11.4	2.1	0.04	24.0	88.6	1.2	106	722	249
14-11-2023	172.2	107.3	5.8	8.6	1.07	10.9	2.1	0.03	22.4	89.0	1.2	108	722	258
15-11-2023	152.0	90.8	5.4	8.4	1.26	11.1	2.1	0.03	24.6	88.5	1.1	116	721	203
16-11-2023	127.9	75.7	5.2	8.5	1.22	11.2	2.1	0.04	25.5	88.3	0.9	126	721	152
17-11-2023	115.8	69.0	4.7	8.5	1.01	11.3	2.0	0.03	25.5	88.3	1.0	128	722	130
18-11-2023	86.3	44.0	4.3	8.6	1.07	10.9	2.1	0.05	25.6	88.4	1.1	124	721	86
19-11-2023	61.6	45.0	5.2	8.7	0.65	11.1	2.1	0.03	24.8	88.5	1.2	124	721	75
20-11-2023	90.4	47.9	4.7	8.5	1.08	11.2	2.1	0.03	24.5	88.5	1.2	115	721	90
21-11-2023	87.6	40.4	5.3	8.6	1.17	11.2	2.1	0.04	24.2	88.7	1.1	111	720	88
22-11-2023	74.9	31.8	4.8	8.6	1.19	9.6	2.1	0.04	24.6	88.6	0.9	126	720	75
23-11-2023	54.4	26.0	5.1	8.5	0.76	10.9	2.1	0.03	24.1	88.6	0.9	140	719	54
24-11-2023	50.0	26.4	4.7	8.5	0.69	11.1	2.1	0.02	24.2	88.7	1.0	139	720	50
25-11-2023	65.0	32.9	4.8	8.5	1.06	11.4	2.1	0.04	23.2	89.0	1.1	124	721	65
26-11-2023	72.3	42.0	4.8	8.5	0.73	10.6	2.1	0.03	23.9	88.8	1.2	125	722	72
27-11-2023	47.6	23.9	5.3	8.7	0.79	10.6	2.1	0.03	24.2	88.7	1.1	129	721	48
28-11-2023	64.1	30.2	4.6	8.4	0.92	10.5	2.1	0.03	24.5	88.6	0.9	132	720	64
29-11-2023	50.4	22.0	4.5	8.7	0.80	10.9	2.0	0.03	24.4	88.7	1.1	127	720	50
30-11-2023	45.2	19.9	4.8	8.4	0.79	11.2	2.1	0.03	23.8	88.8	1.1	129	721	45
Minimum	39.5	19.9	4.3	8.2	0.58	9.6	2.0	0.02	22.4	87.8	0.7	106	719	*
Maximum	177.0	107.3	5.8	8.7	1.49	11.5	2.2	0.07	25.9	89.0	1.2	177	723	*
Average	85.5	47.0	5.0	8.5	0.97	11.1	2.1	0.04	24.5	88.4	1.1	129	721	*

**NIMHANS- November 2023**

Date	PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	Temp °C	RH %	WS m/s	WD degree	BP mmHg	AQI
01-11-2023	63.4	42.1	3.5	13.8	0.47	40.2	4.2	0.13	24.3	69	1.0	121	715	70
02-11-2023	43.1	17.9	3.8	13.6	0.44	22.5	4.2	0.13	24.3	72	1.0	120	714	43
03-11-2023	21.5	10.0	3.5	12.8	0.36	15.3	4.1	0.11	24.4	74	1.1	121	713	22
04-11-2023	22.6	13.2	3.3	12.6	0.39	13.0	4.2	0.11	23.4	79	1.0	119	713	23
05-11-2023	15.8	8.6	3.4	11.6	0.32	17.1	4.1	0.10	23.9	77	1.1	123	714	17
06-11-2023	35.4	22.0	3.7	14.4	0.50	29.2	4.2	0.15	23.8	77	0.8	157	715	37
07-11-2023	22.4	16.0	3.2	15.8	0.68	18.8	4.1	0.19	22.1	83	0.6	167	716	34
08-11-2023	23.5	13.3	3.4	12.7	0.45	13.1	4.0	0.14	23.7	77	0.8	131	715	24
09-11-2023	43.9	28.4	3.7	12.8	0.51	14.6	3.7	0.14	23.4	77	0.9	122	715	47
10-11-2023	64.0	42.9	3.6	9.7	0.47	25.4	3.5	0.13	23.5	73	1.1	121	717	72
11-11-2023	76.9	48.7	3.5	13.0	0.42	36.4	3.7	0.13	23.7	62	1.0	117	717	81
12-11-2023	115.0	82.6	4.1	12.6	0.47	45.2	3.9	0.13	22.9	67	0.9	114	717	175
13-11-2023	130.5	93.5	4.5	11.0	0.54	56.4	3.6	0.14	22.8	63	0.9	114	716	212
14-11-2023	113.4	83.0	3.9	7.1	0.52	57.2	4.4	0.16	21.3	72	1.1	109	716	177
15-11-2023	107.4	74.7	3.8	11.5	0.61	50.2	5.7	0.17	23.4	67	1.0	112	715	149
16-11-2023	79.0	50.9	3.9	16.6	0.54	32.8	6.7	0.18	24.2	63	0.7	118	715	85
17-11-2023	88.3	56.0	4.0	14.6	0.56	38.5	6.8	0.18	24.4	69	0.9	118	715	93
18-11-2023	52.0	33.7	4.1	12.2	0.40	37.1	6.5	0.13	24.6	68	1.1	118	715	56
19-11-2023	37.3	22.5	4.1	4.5	0.32	33.1	3.8	0.11	23.5	64	1.2	118	715	38
20-11-2023	43.2	25.9	3.8	3.7	0.34	37.1	3.8	0.12	23.4	68	1.1	114	715	43
21-11-2023	37.0	22.2	3.6	7.8	0.38	30.0	5.2	0.12	23.0	75	1.2	105	714	37
22-11-2023	26.3	15.8	3.5	12.9	0.39	15.5	6.7	0.14	23.5	79	0.8	117	714	26
23-11-2023	27.0	16.2	3.8	12.0	0.35	16.7	6.7	0.11	23.5	76	1.1	125	713	27
24-11-2023	27.6	16.6	3.8	4.3	0.34	19.4	3.9	0.10	23.2	75	1.2	124	714	28
25-11-2023	28.1	14.4	3.7	5.5	0.40	14.3	4.3	0.10	22.4	80	1.0	118	715	28
26-11-2023	47.5	19.1	3.8	6.0	0.35	27.3	4.1	0.18	22.8	73	1.3	119	716	48
27-11-2023	22.5	9.0	3.4	3.8	0.34	21.3	3.8	0.09	23.2	73	1.3	118	715	23
28-11-2023	35.5	14.2	3.6	5.5	0.40	19.8	5.1	0.12	23.1	74	1.0	127	714	36
29-11-2023	21.9	8.8	3.0	8.7	0.34	20.5	7.0	0.10	23.2	75	1.1	118	714	22
30-11-2023	14.0	5.6	3.4	11.2	0.30	19.4	6.1	0.09	22.8	82	1.2	118	715	19
Minimum	14.0	5.6	3.0	3.7	0.30	13.0	3.5	0.09	21.3	62	0.6	105	713	*
Maximum	130.5	93.5	4.5	16.6	0.68	57.2	7.0	0.19	24.6	83	1.3	167	717	*
Average	49.5	30.9	3.7	10.5	0.43	27.9	4.7	0.13	23.4	73	1.0	121	715	*



### H.S.R Layout, Near Central Silkboard- November 2023

Date	PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	Temp °C	RH %	WS m/s	WD degree	BP mmHg	AQI
01-11-2023	76.4	30.5	7.2	21.2	0.33	42.4	15.1	0.44	23.5	68	1.2	88	689	76
02-11-2023	69.6	27.8	7.3	21.7	0.40	25.1	15.5	0.44	23.5	71	1.1	91	689	70
03-11-2023	39.3	12.8	5.3	20.0	0.27	20.5	18.5	0.32	23.7	73	1.3	91	688	39
04-11-2023	44.5	13.2	5.6	19.6	0.26	15.2	17.2	0.32	21.7	79	1.1	100	688	45
05-11-2023	36.4	15.3	5.3	19.4	0.23	1.2	16.7	0.32	24.7	70	1.3	101	675	36
06-11-2023	56.0	22.4	6.5	23.4	0.33	3.6	14.3	0.40	23.2	76	1.1	138	689	56
07-11-2023	34.6	14.2	5.3	28.5	0.51	12.5	13.4	0.32	21.4	85	0.9	144	690	36
08-11-2023	47.7	19.2	4.8	23.8	0.30	19.0	12.9	0.29	23.1	76	1.0	104	689	48
09-11-2023	66.0	26.4	5.6	23.5	0.33	19.9	12.3	0.34	22.7	76	1.0	91	689	66
10-11-2023	82.0	32.8	5.8	22.7	0.24	26.5	13.8	0.24	22.8	72	1.2	88	690	82
11-11-2023	101.9	40.8	7.4	24.0	0.26	31.0	12.7	0.15	22.8	61	1.1	101	690	101
12-11-2023	143.0	68.0	8.1	26.9	0.30	36.8	12.4	0.13	21.9	67	1.0	109	690	129
13-11-2023	178.2	120.8	10.1	26.1	0.43	38.0	11.2	0.20	21.8	62	0.9	137	690	301
14-11-2023	156.2	107.0	4.8	24.3	0.52	35.8	10.2	0.19	20.4	72	0.9	113	689	257
15-11-2023	155.4	108.8	8.4	25.3	0.67	34.3	11.0	0.26	22.4	67	0.9	111	689	263
16-11-2023	142.6	99.9	7.2	25.8	0.35	23.2	11.7	0.20	23.3	63	0.7	108	689	233
17-11-2023	123.7	86.6	3.2	22.6	0.36	33.1	11.1	0.20	23.6	67	1.1	92	689	189
18-11-2023	87.1	61.0	6.3	20.9	0.31	31.2	10.8	0.17	23.8	67	1.2	91	689	103
19-11-2023	61.4	43.0	5.5	19.3	0.23	31.0	10.2	0.13	22.7	63	1.3	88	689	72
20-11-2023	102.9	72.0	5.0	24.4	0.34	23.5	10.9	0.19	22.6	67	1.1	109	689	140
21-11-2023	108.9	76.2	5.4	26.0	0.41	18.5	11.0	0.23	22.3	74	1.3	116	688	153
22-11-2023	63.9	44.8	5.8	25.2	0.38	14.4	12.8	0.21	22.7	78	1.0	113	688	75
23-11-2023	46.5	32.6	6.8	19.4	0.15	18.6	11.2	0.08	22.6	76	1.1	96	688	54
24-11-2023	47.1	33.1	6.5	18.1	0.17	21.4	9.4	0.10	22.2	75	1.3	96	688	55
25-11-2023	51.0	35.7	6.8	19.7	0.25	16.8	8.9	0.14	21.4	80	1.3	89	689	60
26-11-2023	65.8	46.0	7.3	18.7	0.23	26.7	8.7	0.13	21.9	72	1.5	89	690	77
27-11-2023	53.2	37.3	6.2	18.4	0.27	22.8	8.8	0.14	22.5	72	1.4	90	689	62
28-11-2023	64.2	45.0	7.8	19.4	0.25	22.4	9.0	0.14	22.5	73	1.2	93	688	75
29-11-2023	61.3	43.0	6.8	20.2	0.26	20.2	9.1	0.14	22.5	74	1.3	95	688	72
30-11-2023	49.9	35.0	6.9	18.9	0.21	21.0	8.7	0.12	21.9	75	1.3	92	689	58
Minimum	34.6	12.8	3.2	18.1	0.15	1.2	8.7	0.08	20.4	61	0.7	88	675	*
Maximum	178.2	120.8	10.1	28.5	0.67	42.4	18.5	0.44	24.7	85	1.5	144	690	*
Average	80.6	48.4	6.4	22.2	0.32	23.6	12.0	0.22	22.6	72	1.1	102	689	*

### R.V.Engineering College, Kengeri- November 2023

Date	PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	Temp °C	RH %	WS m/s	WD Degree	BP mb	SR W/m <sup>2</sup>	AQI
01-11-2023	37.1	12.8	5.5	25.0	0.85	24.3	18.6	0.60	25.3	65	0.9	70	908	150	43
02-11-2023	24.7	15.1	6.0	24.7	0.84	30.2	26.5	0.53	25.5	69	0.9	79	909	141	42
03-11-2023	16.3	15.5	6.2	28.2	0.76	25.3	30.0	0.34	25.6	69	1.1	63	909	183	38
04-11-2023	15.7	14.5	6.6	35.2	0.90	27.7	30.2	0.38	24.4	76	1.0	69	907	148	45
05-11-2023	13.2	13.9	6.3	29.7	0.94	30.1	30.3	0.27	25.2	73	1.0	102	908	149	47
06-11-2023	17.6	14.4	6.4	22.7	1.01	54.6	30.3	0.71	23.4	83	0.6	139	905	109	55
07-11-2023	50.2	24.4	6.4	22.8	0.92	35.3	30.3	1.17	23.5	83	0.6	116	906	105	50
08-11-2023	46.4	21.2	4.3	23.5	0.81	28.2	24.9	0.60	24.2	79	0.7	106	905	130	46
09-11-2023	78.2	33.5	3.1	23.4	0.85	23.9	21.3	0.63	24.1	75	0.9	76	904	93	78
10-11-2023	107.0	49.6	3.0	23.4	0.91	31.4	29.9	0.91	24.1	72	0.9	80	904	126	105
11-11-2023	91.0	47.4	3.1	30.5	0.90	35.9	24.7	0.61	24.3	56	1.0	70	905	186	91
12-11-2023	121.1	72.7	4.6	37.8	1.22	31.4	21.3	0.65	23.6	61	0.9	72	904	176	142
13-11-2023	151.9	66.1	6.7	27.3	1.73	44.3	29.8	0.75	23.9	60	1.2	48	905	170	135
14-11-2023	215.9	64.9	8.6	23.7	1.85	43.1	30.3	0.91	22.5	68	1.3	42	903	76	177
15-11-2023	174.8	49.8	7.2	27.5	1.48	34.0	18.6	1.02	24.1	64	1.0	81	905	161	150
16-11-2023	155.4	45.5	7.1	24.5	1.26	25.8	28.8	0.96	25.2	62	0.8	79	907	147	137
17-11-2023	104.7	44.2	7.2	24.5	1.09	49.8	33.1	0.78	25.3	66	0.9	77	908	147	103
18-11-2023	47.6	37.1	6.3	24.3	1.03	41.6	34.5	0.53	25.1	63	1.0	64	907	149	62
19-11-2023	33.7	38.3	7.0	23.8	1.03	36.5	32.6	0.41	24.5	58	1.0	76	906	182	64
20-11-2023	48.3	35.7	5.9	23.9	1.07	44.6	28.5	0.56	24.7	62	1.2	42	906	164	60
21-11-2023	36.4	25.5	6.2	23.4	1.04	52.7	40.4	0.61	24.1	74	1.4	40	905	107	53
22-11-2023	25.5	16.9	7.2	23.5	0.94	44.0	38.0	0.63	24.2	77	0.9	77	906	112	47
23-11-2023	76.8	29.0	7.6	23.5	0.85	28.5	34.6	0.90	24.2	75	0.9	116	905	92	77
24-11-2023	95.7	27.8	7.6	23.4	0.88	33.8	19.9	0.34	24.1	72	1.0	95	906	109	96
25-11-2023	97.0	29.3	7.6	22.7	0.91	41.5	26.5	0.42	23.4	75	1.1	69	905	87	97
26-11-2023	114.5	34.9	7.6	23.1	0.79	49.9	32.4	0.39	23.8	69	1.1	83	906	129	110
27-11-2023	121.8	30.3	7.6	23.6	0.82	55.9	28.6	0.32	24.3	69	1.0	82	906	144	115
28-11-2023	106.1	32.1	7.6	23.6	0.90	44.4	20.3	0.51	24.3	71	1.0	91	906	134	104
29-11-2023	79.1	28.3	7.6	23.5	0.92	36.8	29.9	0.27	24.2	71	1.1	85	906	143	79
30-11-2023	76.4	24.5	4.7	22.9	0.96	35.5	21.9	0.29	23.7	72	1.1	82	905	101	76
<b>Minimum</b>	<b>13.2</b>	<b>12.8</b>	<b>3.0</b>	<b>22.7</b>	<b>0.76</b>	<b>23.9</b>	<b>18.6</b>	<b>0.27</b>	<b>22.5</b>	<b>56</b>	<b>0.6</b>	<b>40</b>	<b>903</b>	<b>76</b>	<b>*</b>
<b>Maximum</b>	<b>215.9</b>	<b>72.7</b>	<b>8.6</b>	<b>37.8</b>	<b>1.85</b>	<b>55.9</b>	<b>40.4</b>	<b>1.17</b>	<b>25.6</b>	<b>83</b>	<b>1.4</b>	<b>139</b>	<b>909</b>	<b>186</b>	<b>*</b>
<b>Average</b>	<b>79.3</b>	<b>33.2</b>	<b>6.3</b>	<b>25.3</b>	<b>1.02</b>	<b>37.4</b>	<b>28.2</b>	<b>0.60</b>	<b>24.3</b>	<b>70</b>	<b>1.0</b>	<b>79</b>	<b>906</b>	<b>135</b>	<b>*</b>

**Jigani Industrial Area, Anekal- November 2023**

Date	PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	Temp °C	RH %	WS m/s	WD Degree	BP mb	SR W/m <sup>2</sup>	AQI
01-11-2023	81.9	40.4	5.7	17.6	0.79	53.5	12.8	1.26	27.2	73	0.2	150	937	170	82
02-11-2023	51.1	26.6	5.0	17.3	1.01	22.5	13.2	1.05	27.3	76	0.2	141	936	144	51
03-11-2023	46.4	21.1	6.7	17.7	0.83	21.6	14.0	0.19	27.1	80	0.2	163	936	189	46
04-11-2023	48.4	19.6	7.0	17.7	0.78	19.8	14.0	0.62	26.6	84	0.2	148	936	168	48
05-11-2023	49.5	22.3	7.0	17.7	1.13	25.4	14.0	1.45	26.9	83	0.1	170	937	141	57
06-11-2023	54.7	27.0	5.5	17.7	0.75	29.0	14.0	1.37	26.5	83	0.2	128	937	109	55
07-11-2023	54.7	23.9	5.0	17.7	0.59	23.9	14.0	1.63	25.9	90	0.2	134	937	115	55
08-11-2023	62.1	24.9	7.9	18.7	0.85	20.5	14.2	1.70	26.5	83	0.1	163	937	120	62
09-11-2023	78.4	37.4	7.8	16.2	0.98	25.0	11.8	1.50	26.5	83	0.2	175	938	114	78
10-11-2023	95.8	47.0	7.7	17.4	0.83	38.5	11.9	1.62	26.4	80	0.2	150	938	154	96
11-11-2023	87.9	41.4	6.6	14.5	0.87	50.0	11.7	1.33	26.3	66	0.2	129	938	229	88
12-11-2023	109.8	65.7	7.6	18.0	0.88	62.2	14.6	2.32	25.8	70	0.2	145	938	204	107
13-11-2023	128.7	74.3	11.7	20.2	1.47	63.1	12.5	2.28	26.1	67	0.3	117	938	207	148
14-11-2023	126.3	63.8	10.2	21.9	1.94	67.4	11.4	2.00	25.0	78	0.4	68	937	89	118
15-11-2023	114.3	51.7	4.9	17.6	1.43	57.2	9.4	1.15	26.5	71	0.3	82	937	177	110
16-11-2023	99.1	39.5	9.2	21.1	1.27	45.4	11.0	2.23	27.0	70	0.2	141	937	154	99
17-11-2023	60.1	33.7	10.4	21.4	1.28	44.7	11.2	0.46	27.3	71	0.2	168	937	204	64
18-11-2023	64.8	27.2	11.1	20.8	1.16	43.1	10.7	0.74	26.9	72	0.2	145	937	184	65
19-11-2023	67.0	25.8	12.9	26.3	1.01	43.2	13.1	0.58	26.4	68	0.2	148	937	219	67
20-11-2023	71.9	27.4	12.9	28.3	1.14	49.7	13.5	0.76	26.8	70	0.4	84	937	199	72
21-11-2023	73.5	27.0	11.0	26.1	0.91	30.2	14.3	1.28	26.7	80	0.6	68	936	150	74
22-11-2023	59.3	24.6	7.4	23.1	1.14	22.2	10.8	1.38	26.3	87	0.2	140	936	104	59
23-11-2023	60.3	27.5	5.9	21.3	1.19	20.2	8.5	0.97	26.4	83	0.2	171	936	116	60
24-11-2023	44.8	21.6	6.0	21.3	0.96	20.7	8.5	1.00	26.3	81	0.2	179	936	141	48
25-11-2023	69.0	23.3	5.7	20.4	1.15	30.0	9.1	1.01	25.7	86	0.2	173	937	113	69
26-11-2023	76.2	34.1	5.0	21.8	1.19	33.6	10.6	0.48	25.4	85	0.2	176	937	37	76
27-11-2023	56.9	20.7	6.5	25.2	1.14	28.3	10.9	0.67	26.3	78	0.2	183	937	156	57
28-11-2023	73.3	26.8	9.6	29.0	1.28	30.0	13.1	0.85	26.4	80	0.2	164	936	144	73
29-11-2023	50.9	18.3	10.2	32.2	1.01	24.9	13.1	0.79	26.3	80	0.2	149	936	138	51
30-11-2023	51.7	23.3	8.7	30.3	0.91	25.2	11.0	1.13	25.9	81	0.2	151	937	105	52
<b>Minimum</b>	<b>44.8</b>	<b>18.3</b>	<b>4.9</b>	<b>14.5</b>	<b>0.59</b>	<b>19.8</b>	<b>8.5</b>	<b>0.19</b>	<b>25.0</b>	<b>66</b>	<b>0.1</b>	<b>68</b>	<b>936</b>	<b>37</b>	*
<b>Maximum</b>	<b>128.7</b>	<b>74.3</b>	<b>12.9</b>	<b>32.2</b>	<b>1.94</b>	<b>67.4</b>	<b>14.6</b>	<b>2.32</b>	<b>27.3</b>	<b>90</b>	<b>0.6</b>	<b>183</b>	<b>938</b>	<b>229</b>	*
<b>Average</b>	<b>72.3</b>	<b>32.9</b>	<b>8.0</b>	<b>21.2</b>	<b>1.06</b>	<b>35.7</b>	<b>12.1</b>	<b>1.19</b>	<b>26.4</b>	<b>78</b>	<b>0.2</b>	<b>143</b>	<b>937</b>	<b>150</b>	*

**Kasturinagar RTO- November 2023**

Date	PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	Temp °C	RH %	WS m/s	WD Degree	BP mb	SR W/m <sup>2</sup>	AQI
01-11-2023	76.0	40.5	6.3	12.0	0.37	62.1	8.0	1.57	24.6	69	1.3	100	903	222	76
02-11-2023	40.5	21.6	6.3	12.0	0.36	32.5	8.0	1.65	24.8	72	1.4	105	907	200	41
03-11-2023	31.7	16.9	6.3	12.0	0.37	27.8	8.0	1.67	24.5	76	1.4	109	898	233	32
04-11-2023	26.1	13.9	6.3	12.0	0.36	27.9	8.0	1.62	23.5	82	1.4	116	898	190	28
05-11-2023	25.7	13.7	6.3	12.0	0.37	30.8	8.0	1.64	24.4	78	1.3	124	899	178	31
06-11-2023	35.7	19.0	6.3	12.0	0.37	35.0	8.0	1.68	23.0	83	1.1	186	899	163	36
07-11-2023	31.6	16.8	5.4	10.8	0.38	24.9	9.2	1.68	23.0	86	1.1	152	906	156	32
08-11-2023	32.5	17.3	6.6	13.0	0.37	24.8	14.3	1.66	24.0	78	1.4	115	905	184	33
09-11-2023	57.1	30.5	5.6	10.4	0.48	35.1	11.9	1.65	23.5	78	1.5	98	913	145	57
10-11-2023	79.2	42.3	5.8	12.4	0.50	51.5	14.8	1.65	23.3	75	1.5	102	916	172	79
11-11-2023	81.1	43.2	7.6	13.2	0.50	68.2	17.8	1.64	23.5	63	1.3	122	915	248	81
12-11-2023	64.2	28.6	7.9	13.8	0.62	64.9	15.3	1.63	22.8	65	1.2	101	916	232	65
13-11-2023	103.7	57.2	9.6	19.2	0.75	39.6	16.9	1.64	22.9	65	0.9	154	922	228	102
14-11-2023	187.2	83.9	7.1	21.1	0.75	38.6	15.2	1.63	21.1	76	1.0	191	928	98	180
15-11-2023	145.8	60.6	6.9	16.6	0.50	30.1	14.7	1.66	23.1	69	1.0	130	943	202	131
16-11-2023	89.0	43.2	5.5	12.5	0.49	28.0	16.3	1.65	24.6	64	1.1	123	940	211	89
17-11-2023	67.5	35.9	6.3	12.9	0.49	23.2	14.8	1.65	24.8	68	1.4	98	949	210	68
18-11-2023	42.4	22.5	6.7	13.3	0.49	19.4	14.3	1.64	24.2	67	1.5	107	946	197	42
19-11-2023	38.6	20.5	6.7	13.3	0.49	20.4	14.3	1.63	23.7	63	1.5	115	950	240	39
20-11-2023	26.0	14.6	6.7	13.3	0.50	21.5	14.3	1.64	23.6	70	1.1	183	942	224	26
21-11-2023	21.9	17.5	6.7	13.3	0.49	25.1	14.3	1.64	22.7	82	1.2	264	936	110	29
22-11-2023	39.8	21.4	6.7	13.3	0.50	24.4	14.3	1.64	23.4	82	1.2	161	929	141	40
23-11-2023	58.5	21.4	6.7	13.3	0.49	27.6	14.3	1.64	23.7	78	1.4	115	933	152	59
24-11-2023	59.7	21.4	6.7	13.3	0.49	28.1	14.3	1.64	23.3	78	1.4	120	940	154	60
25-11-2023	71.3	21.4	6.7	13.3	0.50	33.2	14.3	1.64	22.0	84	1.6	93	943	104	71
26-11-2023	90.3	21.4	6.7	13.3	0.50	44.1	14.3	1.63	23.0	74	1.7	93	944	186	90
27-11-2023	58.1	21.5	6.7	13.3	0.49	38.5	14.3	1.64	23.3	75	1.7	98	945	177	58
28-11-2023	69.1	21.4	6.7	13.3	0.49	39.1	14.3	1.64	23.6	75	1.4	106	953	176	69
29-11-2023	37.8	21.1	6.7	13.3	0.50	34.4	14.3	1.63	23.3	76	1.6	102	947	172	38
30-11-2023	31.7	20.3	6.7	13.3	0.49	33.0	14.3	1.63	22.6	79	1.6	94	961	168	32
<b>Minimum</b>	<b>21.9</b>	<b>13.7</b>	<b>5.4</b>	<b>10.4</b>	<b>0.36</b>	<b>19.4</b>	<b>8.0</b>	<b>1.57</b>	<b>21.1</b>	<b>63</b>	<b>0.9</b>	<b>93</b>	<b>898</b>	<b>98</b>	*
<b>Maximum</b>	<b>187.2</b>	<b>83.9</b>	<b>9.6</b>	<b>21.1</b>	<b>0.75</b>	<b>68.2</b>	<b>17.8</b>	<b>1.68</b>	<b>24.8</b>	<b>86</b>	<b>1.7</b>	<b>264</b>	<b>961</b>	<b>248</b>	*
<b>Average</b>	<b>60.6</b>	<b>28.4</b>	<b>6.6</b>	<b>13.4</b>	<b>0.48</b>	<b>34.5</b>	<b>13.2</b>	<b>1.64</b>	<b>23.5</b>	<b>74</b>	<b>1.3</b>	<b>126</b>	<b>928</b>	<b>182</b>	*

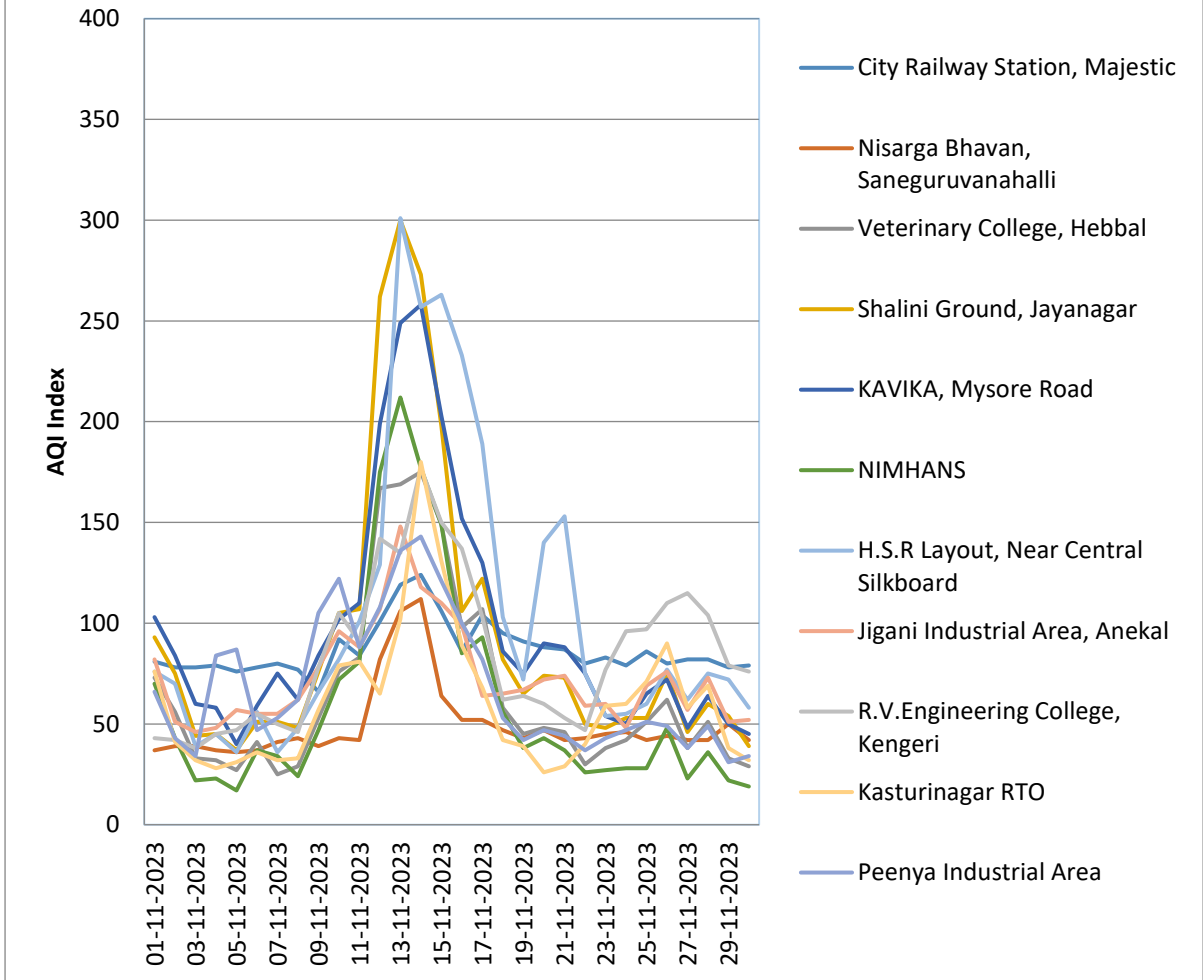
### Peenya Industrial Area, Peenya- November 2023

Date	PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	Temp °C	RH %	WS m/s	WD Degree	BP mb	SR W/m <sup>2</sup>	AQI
01-11-2023	55.5	33.8	4.0	14.4	0.65	65.5	6.6	1.75	24.7	55	0.39	94	938	110	66
02-11-2023	43.0	21.4	5.4	18.0	0.73	32.8	6.6	2.22	25.0	63	0.41	97	938	90	43
03-11-2023	30.4	18.6	4.5	16.2	0.67	28.3	6.6	2.52	24.8	71	0.45	94	937	95	34
04-11-2023	83.7	44.4	5.6	10.5	1.18	44.0	6.6	2.21	27.0	75	0.17	147	935	151	84
05-11-2023	87.4	47.1	5.7	8.3	1.02	58.3	9.9	2.06	27.8	74	0.18	124	936	167	87
06-11-2023	46.8	24.6	4.3	19.6	0.79	30.3	7.7	5.26	24.1	82	0.38	140	938	107	47
07-11-2023	33.4	25.5	4.2	21.2	1.05	18.3	11.2	4.01	23.3	72	0.42	143	939	88	53
08-11-2023	62.4	36.3	5.6	17.7	0.77	26.9	12.4	2.84	23.4	71	0.45	128	939	55	62
09-11-2023	107.1	61.3	5.9	15.3	0.80	26.4	12.3	2.00	23.8	79	0.43	103	939	80	105
10-11-2023	114.3	66.6	6.6	15.0	0.79	42.0	15.8	1.34	23.8	76	0.43	105	940	79	122
11-11-2023	87.7	40.8	7.4	17.0	0.70	57.4	15.8	1.57	23.8	51	0.40	99	940	75	88
12-11-2023	112.0	45.8	7.7	19.1	0.72	65.0	17.5	1.65	23.3	56	0.38	83	940	85	108
13-11-2023	153.4	57.4	11.2	21.8	0.82	39.3	19.2	1.64	23.4	68	0.39	78	939	83	136
14-11-2023	140.5	73.1	10.5	25.2	0.77	37.9	18.0	1.65	22.6	78	0.34	72	939	66	143
15-11-2023	132.0	60.1	6.8	17.0	0.81	31.9	14.1	3.03	23.7	73	0.33	100	939	95	121
16-11-2023	99.9	47.7	7.4	13.2	0.76	31.9	14.9	4.50	24.8	71	0.38	100	939	72	100
17-11-2023	81.6	41.4	4.9	12.4	0.80	26.6	15.2	3.15	24.8	79	0.47	102	939	75	82
18-11-2023	53.0	25.7	5.5	12.4	0.67	25.9	15.2	2.96	24.5	78	0.43	101	939	72	53
19-11-2023	41.8	21.1	4.9	12.4	0.50	27.3	15.2	1.83	24.2	56	0.42	99	939	79	42
20-11-2023	46.8	23.7	6.6	12.4	0.52	27.8	15.3	2.27	24.1	61	0.34	76	939	63	47
21-11-2023	43.7	23.1	4.3	12.4	0.53	15.6	15.3	3.92	23.7	75	0.33	70	938	60	44
22-11-2023	31.0	16.7	3.7	12.4	0.74	11.6	15.3	2.86	24.1	75	0.36	114	938	73	37
23-11-2023	42.8	23.5	8.7	12.4	0.57	16.3	15.3	2.25	24.1	76	0.65	116	937	71	43
24-11-2023	46.7	22.1	10.9	12.4	0.57	17.1	15.3	2.14	23.8	83	0.66	115	938	66	47
25-11-2023	51.1	26.5	5.9	12.4	0.72	17.0	15.3	2.59	23.1	81	0.41	105	939	65	51
26-11-2023	48.6	28.0	3.7	12.4	0.57	23.5	15.3	1.19	23.6	81	0.52	105	939	78	49
27-11-2023	38.0	18.2	6.7	12.4	0.67	17.3	15.3	1.84	23.9	69	0.54	107	938	83	38
28-11-2023	49.1	24.3	7.2	12.4	0.78	19.7	15.3	2.61	24.1	71	0.52	108	938	94	49
29-11-2023	30.8	13.6	5.0	12.4	0.59	18.3	15.3	1.75	24.1	74	0.53	105	938	89	31
30-11-2023	28.9	11.0	6.6	12.4	0.67	17.3	15.3	1.55	23.7	76	0.48	108	938	95	34
Minimum	28.9	11.0	3.7	8.3	0.50	11.6	6.6	1.19	22.6	51	0.17	70	935	55	*
Maximum	153.4	73.1	11.2	25.2	1.18	65.5	19.2	5.26	27.8	83	0.66	147	940	167	*
Average	67.4	34.1	6.2	14.8	0.73	30.6	13.6	2.44	24.2	72	0.42	105	938	85	*

#### Possible Health Impacts

<b>Good</b>	Minimal Impact
<b>Satisfactory</b>	Minor breathing discomfort to sensitive people
<b>Moderate</b>	Breathing discomfort to the people with lungs, asthma and heart diseases
<b>Poor</b>	Breathing discomfort to most people on prolonged exposure
<b>Very Poor</b>	Respiratory illness on prolonged exposure
<b>Severe</b>	Affects healthy people and seriously impacts those with existing diseases

### AQI of CAAQMs in Bengaluru for the month of November 2023



**INFERENCE:**

*The Air Quality monitored in all the 11 CAAQMs (Continuous Ambient Air Quality Monitoring Stations) installed in Bengaluru viz., City Railway Station, Hebbal, Saneguruvanahalli, NIMHANS, Jayanagar, KAVIKA, Mysore Road, Central Silk Board-HSR Layout, Jigani Industrial Area, R.V College of Engineering, Kasturinagar RTO and Peenya Industrial Area for the month of November-2023 reveals that the Air quality ranges from Good and Moderate. The AQI in few station have shown poor as depicted in the above graph. However, the AQI during the month November-2023 are having more number of Good and Satisfactory days in over the number of days monitored.*

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