



## KARNATAKA STATE POLLUTION CONTROL BOARD

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

### **Air Quality Monitoring Cell**

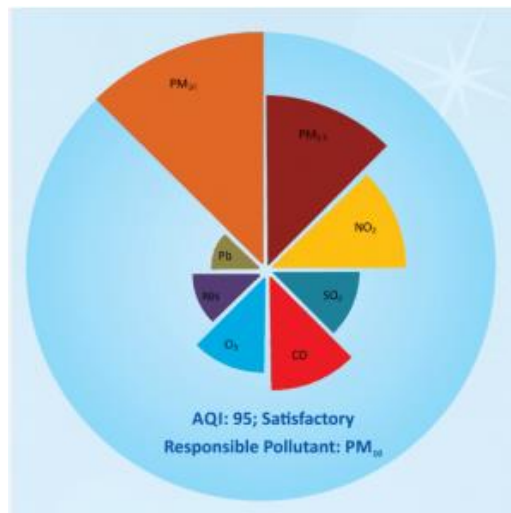
**Air Quality Index of CAAQM Stations monitored in Bengaluru city-August-2024.**

#### **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). AQI 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 C<sub>6</sub>H<sub>6</sub> 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 August-2024 is as shown below:

## Daily AQI Values of Bengaluru (August-2024)

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. College of Engineering, Kengeri	Kasturinagar RTO	NTTF, Peenya Industrial Area
01-8-2024	79	53	28	30	45	17	106	40	63	46	32
02-8-2024	79	47	25	37	45	16	79	40	58	47	42
03-8-2024	83	51	30	31	67	18	132	46	64	48	43
04-8-2024	72	48	32	31	43	18	105	39	59	44	34
05-8-2024	81	44	32	56	44	22	93	40	63	45	43
06-8-2024	89	48	29	38	36	18	69	45	54	46	36
07-8-2024	80	42	33	39	64	25	129	49	62	55	36
08-8-2024	87	42	37	39	60	28	129	44	69	58	41
09-8-2024	76	56	39	50	85	31	162	57	83	58	49
10-8-2024	111	54	36	37	83	33	118	45	72	59	49
11-8-2024	79	58	33	46	89	29	133	52	72	57	43
12-8-2024	95	57	39	77	110	33	133	60	64	58	51
13-8-2024	87	57	53	66	99	39	63	66	61	59	49
14-8-2024	78	50	81	98	103	62	81	54	82	59	81
15-8-2024	99	45	57	49	70	34	78	61	79	60	54
16-8-2024	87	58	70	49	68	40	82	66	76	68	59
17-8-2024	83	51	41	35	50	32	74	66	70	59	35
18-8-2024	94	50	50	42	*	29	98	61	63	58	46
19-8-2024	85	49	50	33	69	25	107	63	53	59	39
20-8-2024	119	45	39	33	82	27	91	58	55	58	47
21-8-2024	78	55	38	26	35	16	65	63	54	59	32
22-8-2024	103	44	22	25	45	20	103	51	56	58	32
23-8-2024	106	45	35	28	62	21	115	50	64	58	43
24-8-2024	107	48	37	30	47	23	124	48	64	59	48
25-8-2024	102	43	28	35	37	21	98	44	62	58	41
26-8-2024	112	43	22	34	41	19	85	44	56	57	32
27-8-2024	92	49	23	27	47	16	81	45	54	58	34
28-8-2024	92	73	25	27	30	27	108	43	57	57	35
29-8-2024	86	68	23	23	41	23	80	45	59	66	32
30-8-2024	108	52	23	26	53	28	109	50	66	64	40
31-8-2024	78	57	25	23	64	24	129	48	57	56	32
Min	72	42	22	23	30	16	63	39	53	44	32
Max	119	73	81	98	110	62	162	66	83	68	81

\* Data Not available

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

<b>City Railway Station, Majestic - August 2024</b>					
<b>Date</b>	<b>PM<sub>10</sub> µg/m<sup>3</sup></b>	<b>SO<sub>2</sub> µg/m<sup>3</sup></b>	<b>NO<sub>2</sub> µg/m<sup>3</sup></b>	<b>CO mg/m<sup>3</sup></b>	<b>AQI</b>
01-8-2024	78.9	11.0	20.3	1.34	79
02-8-2024	79.0	11.0	20.6	1.53	79
03-8-2024	83.1	11.0	20.4	1.40	83
04-8-2024	71.8	11.0	20.4	1.31	72
05-8-2024	81.3	9.4	20.6	1.41	81
06-8-2024	88.9	9.0	20.2	1.29	89
07-8-2024	79.7	12.0	20.2	1.32	80
08-8-2024	86.5	9.8	20.7	1.41	87
09-8-2024	76.1	10.6	20.4	1.29	76
10-8-2024	83.1	11.0	20.6	2.88	111
11-8-2024	78.7	11.0	20.9	1.35	79
12-8-2024	95.4	12.6	20.8	1.38	95
13-8-2024	86.8	9.9	21.7	1.38	87
14-8-2024	78.3	11.9	22.1	1.38	78
15-8-2024	98.8	13.0	22.2	1.39	99
16-8-2024	86.8	11.4	22.1	1.46	87
17-8-2024	82.5	11.0	21.6	1.43	83
18-8-2024	77.3	13.1	20.5	1.87	94
19-8-2024	84.7	13.4	20.9	1.57	85
20-8-2024	72.5	13.0	20.5	3.54	119
21-8-2024	78.0	11.3	20.9	1.35	78
22-8-2024	105.0	14.2	21.0	2.07	103
23-8-2024	109.2	13.4	21.7	1.33	106
24-8-2024	110.8	13.0	21.6	1.38	107
25-8-2024	102.7	13.0	21.5	1.35	102
26-8-2024	118.4	12.4	21.9	1.41	112
27-8-2024	92.2	12.6	22.3	1.25	92
28-8-2024	91.6	13.0	22.0	1.31	92
29-8-2024	86.4	13.0	21.5	1.42	86
30-8-2024	112.7	14.6	21.5	1.37	108
31-8-2024	78.0	11.7	21.7	1.37	78
<b>Minimum</b>	<b>71.8</b>	<b>9.0</b>	<b>20.2</b>	<b>1.25</b>	<b>*</b>
<b>Maximum</b>	<b>118.4</b>	<b>14.6</b>	<b>22.3</b>	<b>3.54</b>	<b>*</b>
<b>Average</b>	<b>88.2</b>	<b>11.9</b>	<b>21.1</b>	<b>1.53</b>	<b>*</b>

### Nisarga Bhavan, Saneguruvanahalli - August 2024

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
01-8-2024	53.2	5.9	23.2	0.84	24.4	60	0.5	146	138	53
02-8-2024	46.5	8.3	22.4	0.83	24.7	46	0.4	160	123	47
03-8-2024	51.0	10.8	23.4	0.86	25.2	44	0.4	162	143	51
04-8-2024	48.1	9.1	22.9	0.91	25.0	52	0.5	175	118	48
05-8-2024	43.7	4.7	22.1	0.75	24.8	47	0.4	182	134	44
06-8-2024	47.6	6.4	25.0	0.78	25.1	47	0.4	172	148	48
07-8-2024	42.4	6.7	24.9	0.84	25.3	51	0.4	176	143	42
08-8-2024	40.5	4.3	20.9	0.84	24.9	57	0.5	168	144	42
09-8-2024	56.0	8.2	21.0	0.93	23.3	64	0.6	197	149	56
10-8-2024	54.3	5.6	21.2	0.95	21.6	73	0.6	161	111	54
11-8-2024	57.8	7.3	19.8	0.91	21.6	71	0.7	194	109	58
12-8-2024	56.6	9.1	20.2	0.97	21.8	64	0.8	199	138	57
13-8-2024	57.3	7.4	21.9	0.88	21.1	81	0.6	189	86	57
14-8-2024	49.6	3.8	22.3	0.94	22.7	74	0.7	193	109	50
15-8-2024	39.1	8.0	22.7	0.91	22.9	65	0.6	164	145	45
16-8-2024	58.0	7.5	21.0	1.05	23.1	63	0.6	155	152	58
17-8-2024	51.2	5.5	22.4	0.89	22.8	61	0.6	134	143	51
18-8-2024	49.6	2.5	20.2	0.88	22.6	57	0.6	142	146	50
19-8-2024	49.0	4.1	18.9	0.86	22.8	63	0.5	134	146	49
20-8-2024	45.0	3.8	19.3	0.83	22.7	75	0.6	164	101	45
21-8-2024	55.4	4.8	20.2	0.85	21.8	64	0.7	158	115	55
22-8-2024	36.1	5.3	19.6	0.87	22.5	57	0.7	207	122	44
23-8-2024	45.3	4.9	19.7	0.89	21.5	51	0.8	219	95	45
24-8-2024	48.3	5.3	22.1	0.86	21.7	66	0.9	130	82	48
25-8-2024	42.2	6.3	20.0	0.86	23.2	53	0.9	149	135	43
26-8-2024	40.4	6.5	20.9	0.86	23.5	50	0.9	154	145	43
27-8-2024	49.2	4.9	22.1	0.86	23.2	47	0.9	142	123	49
28-8-2024	72.9	6.8	21.3	0.87	23.5	52	0.9	167	134	73
29-8-2024	67.5	4.4	19.9	0.82	23.0	57	0.9	170	125	68
30-8-2024	51.9	7.5	18.4	0.79	22.6	50	1.0	173	132	52
31-8-2024	56.7	7.9	14.0	0.81	23.1	44	1.0	169	132	57
<b>Minimum</b>	<b>36.1</b>	<b>2.5</b>	<b>14.0</b>	<b>0.75</b>	<b>21.1</b>	<b>44</b>	<b>0.4</b>	<b>130</b>	<b>82</b>	<b>*</b>
<b>Maximum</b>	<b>72.9</b>	<b>10.8</b>	<b>25.0</b>	<b>1.05</b>	<b>25.3</b>	<b>81</b>	<b>1.0</b>	<b>219</b>	<b>152</b>	<b>*</b>
<b>Average</b>	<b>50.4</b>	<b>6.2</b>	<b>21.1</b>	<b>0.87</b>	<b>23.2</b>	<b>58</b>	<b>0.7</b>	<b>168</b>	<b>128</b>	<b>*</b>

### Veterinary College, Hebbal - August 2024

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
01-8-2024	28.3	7.4	7.9	4.1	0.40	9.2	4.9	0.12	22.9	73	0.5	155	709	28
02-8-2024	25.3	5.2	7.8	4.2	0.42	4.6	4.9	0.12	23.0	96	0.6	128	709	25
03-8-2024	30.3	13.8	7.7	4.2	0.35	5.8	4.8	0.10	23.0	47	0.5	155	710	30
04-8-2024	31.5	16.3	8.0	4.1	0.36	6.1	4.9	0.10	24.1	48	0.5	158	710	32
05-8-2024	31.6	18.3	8.2	4.1	0.45	9.9	4.9	0.12	23.7	55	0.4	195	710	32
06-8-2024	28.5	16.5	6.9	4.1	0.37	6.2	4.9	0.10	22.8	81	0.4	191	709	29
07-8-2024	32.7	17.8	6.9	4.1	0.36	5.7	4.9	0.10	22.3	93	0.3	240	709	33
08-8-2024	36.9	18.2	6.4	4.2	0.35	5.0	4.8	0.10	23.2	76	0.4	218	710	37
09-8-2024	39.0	18.0	7.8	4.1	0.35	8.4	4.9	0.10	24.3	37	0.4	222	711	39
10-8-2024	35.8	17.7	7.6	4.1	0.37	12.8	4.9	0.11	24.3	61	0.4	232	710	36
11-8-2024	32.9	15.5	7.4	4.0	0.37	5.5	4.9	0.10	25.2	58	0.3	267	709	33
12-8-2024	38.5	18.9	7.4	4.1	0.40	5.7	4.9	0.11	24.3	55	0.3	274	708	39
13-8-2024	53.2	25.6	7.7	4.1	0.44	10.0	4.9	0.12	26.5	57	0.4	242	708	53
14-8-2024	81.4	25.3	6.8	4.2	0.45	12.4	4.8	0.13	27.1	38	0.5	200	707	81
15-8-2024	57.2	33.2	7.2	4.1	0.48	10.2	4.9	0.14	25.6	53	0.4	224	707	57
16-8-2024	49.3	42.1	7.7	4.0	0.33	19.3	4.8	0.09	25.5	62	0.3	251	706	70
17-8-2024	41.4	23.1	8.7	5.3	0.28	6.0	5.1	0.08	28.0	46	0.4	221	709	41
18-8-2024	43.8	29.8	8.4	5.9	0.47	7.4	5.3	0.13	24.6	58	0.4	248	708	50
19-8-2024	41.6	30.0	6.5	5.4	0.36	10.0	5.1	0.10	24.4	61	0.4	237	708	50
20-8-2024	39.3	23.1	8.8	4.7	0.47	17.7	5.0	0.12	24.3	74	0.3	281	708	39
21-8-2024	37.5	23.1	7.5	4.2	0.41	9.2	4.9	0.11	24.5	66	0.6	168	709	38
22-8-2024	22.3	9.4	9.6	3.9	0.33	12.5	4.8	0.09	24.2	50	0.7	134	710	22
23-8-2024	34.9	16.6	11.2	4.1	0.33	13.7	4.9	0.09	24.9	50	0.6	136	710	35
24-8-2024	36.9	16.1	11.6	4.1	0.35	10.3	4.9	0.10	23.9	52	0.7	129	710	37
25-8-2024	28.3	13.3	10.6	3.9	0.32	6.5	4.9	0.10	21.0	57	0.7	118	710	28
26-8-2024	21.9	12.2	9.5	5.1	0.24	8.2	5.2	0.07	21.2	49	0.7	151	710	22
27-8-2024	23.1	13.9	10.8	5.3	0.30	7.9	5.3	0.09	22.1	52	0.6	155	710	23
28-8-2024	24.5	15.4	10.3	5.1	0.33	8.8	5.2	0.09	22.5	53	0.6	153	710	25
29-8-2024	20.8	13.8	10.2	4.8	0.38	9.9	5.1	0.11	21.7	57	0.5	159	708	23
30-8-2024	22.8	14.0	11.5	4.4	0.33	10.4	5.0	0.09	22.0	56	0.4	184	709	23
31-8-2024	24.3	15.0	9.6	4.1	0.33	6.8	4.9	0.09	22.1	55	0.5	181	708	25
Minimum	20.8	5.2	6.4	3.9	0.24	4.6	4.8	0.07	21.0	37	0.3	118	706	*
Maximum	81.4	42.1	11.6	5.9	0.48	19.3	5.3	0.14	28.0	96	0.7	281	711	*
Average	35.3	18.7	8.5	4.4	0.37	9.1	5.0	0.10	23.8	59	0.5	194	709	*

### Shalini Ground, Jayanagar - August 2024

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
01-8-2024	27.1	13.5	14.9	6.0	0.60	27.3	7.7	0.35	23.5	83	1.8	212	712	30
02-8-2024	20.9	13.4	10.2	6.5	0.74	27.4	7.7	0.28	23.5	84	2.0	213	713	37
03-8-2024	26.5	14.3	16.3	5.9	0.62	18.5	7.9	0.50	23.5	80	1.7	216	713	31
04-8-2024	26.4	14.3	10.4	6.5	0.61	23.8	7.4	0.28	24.1	76	1.7	219	713	31
05-8-2024	28.8	16.5	13.8	11.8	1.11	27.2	7.1	0.41	23.9	79	1.3	215	713	56
06-8-2024	19.1	11.7	10.4	11.4	0.76	22.2	6.1	0.29	23.5	84	1.3	227	713	38
07-8-2024	38.7	16.7	15.2	9.6	0.47	21.8	4.7	0.46	23.4	82	1.2	229	713	39
08-8-2024	39.3	18.0	14.7	9.5	0.50	25.3	3.6	0.44	23.7	80	1.4	224	713	39
09-8-2024	50.0	20.5	13.6	11.0	0.82	30.2	4.2	0.40	24.2	76	1.2	227	713	50
10-8-2024	37.0	16.9	12.7	11.4	0.55	29.2	3.7	0.37	24.3	79	1.0	219	713	37
11-8-2024	46.3	18.6	13.2	12.0	0.54	30.1	4.1	0.39	25.2	70	0.9	233	711	46
12-8-2024	76.8	26.5	10.4	23.0	0.89	24.9	4.7	0.29	25.0	75	0.7	216	711	77
13-8-2024	65.6	23.8	6.8	19.6	0.62	20.1	3.6	0.15	25.4	74	0.5	204	711	66
14-8-2024	97.9	34.1	9.6	19.6	0.69	24.3	3.6	0.26	26.0	68	0.6	188	710	98
15-8-2024	49.3	21.2	11.0	17.3	0.56	25.7	3.8	0.31	24.9	78	0.6	203	710	49
16-8-2024	48.5	20.4	10.5	15.6	0.67	29.0	3.0	0.29	25.0	78	0.8	204	709	49
17-8-2024	34.8	14.4	10.9	15.4	0.59	28.9	3.1	0.30	25.4	73	0.9	199	710	35
18-8-2024	42.1	16.9	17.1	14.2	0.66	28.7	4.0	0.53	24.4	80	0.8	215	711	42
19-8-2024	32.7	12.4	9.6	15.0	0.29	23.4	3.0	0.26	24.8	78	1.1	216	710	33
20-8-2024	33.0	12.6	13.1	13.0	0.51	25.7	3.6	0.38	24.9	76	0.9	216	710	33
21-8-2024	17.4	6.6	10.5	12.4	0.52	22.0	3.1	0.29	24.4	77	1.6	198	712	26
22-8-2024	18.5	7.0	12.2	10.1	0.50	22.0	3.3	0.35	24.2	72	2.2	206	713	25
23-8-2024	27.6	10.4	13.4	9.5	0.35	21.3	3.5	0.39	24.6	70	1.8	211	713	28
24-8-2024	29.5	11.3	11.5	9.1	0.34	18.4	3.3	0.33	24.1	74	2.5	215	714	30
25-8-2024	35.3	13.4	10.6	8.7	0.44	23.1	3.3	0.29	23.9	74	2.2	215	713	35
26-8-2024	33.7	12.8	12.0	9.0	0.57	27.6	3.4	0.34	23.9	75	2.2	211	713	34
27-8-2024	24.7	9.9	12.7	9.7	0.42	27.2	3.4	0.37	23.8	77	1.8	215	714	27
28-8-2024	21.9	11.3	10.1	9.8	0.47	27.1	3.5	0.27	23.5	78	1.7	218	714	27
29-8-2024	18.4	13.6	9.8	11.0	0.43	18.2	3.6	0.26	23.0	86	1.4	216	712	23
30-8-2024	25.9	15.4	8.9	11.0	0.34	18.3	3.4	0.23	23.5	81	1.5	221	712	26
31-8-2024	23.0	11.9	11.3	10.2	0.41	18.3	3.4	0.32	23.6	79	1.6	222	712	23
Minimum	17.4	6.6	6.8	5.9	0.29	18.2	3.0	0.15	23.0	68	0.5	188	709	*
Maximum	97.9	34.1	17.1	23.0	1.11	30.2	7.9	0.53	26.0	86	2.5	233	714	*
Average	36.0	15.5	11.9	11.8	0.57	24.4	4.3	0.33	24.2	77	1.4	214	712	*

**KAVIKA, Mysore Road - August 2024**

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
01-8-2024	44.9	17.8	6.1	12.3	0.54	31.1	5.2	0.37	22.9	45	1.3	262	726	45
02-8-2024	44.0	26.8	5.5	12.2	0.44	29.8	5.2	0.33	23.1	44	1.5	263	721	45
03-8-2024	67.2	32.9	5.8	12.3	0.51	27.5	5.2	0.35	23.3	43	1.3	265	723	67
04-8-2024	42.9	23.1	5.8	12.2	0.56	29.0	5.2	0.36	24.5	44	1.3	266	728	43
05-8-2024	43.5	23.2	5.4	12.2	0.68	29.7	5.2	0.33	24.2	48	1.1	249	726	44
06-8-2024	36.3	20.6	6.0	12.2	0.44	29.4	5.2	0.37	23.2	59	1.1	261	725	36
07-8-2024	63.7	31.5	5.3	12.2	0.74	27.4	5.3	0.32	23.0	58	1.0	268	723	64
08-8-2024	60.0	30.0	4.9	12.2	0.58	28.0	5.2	0.30	23.7	57	1.2	267	723	60
09-8-2024	84.5	39.8	6.3	12.3	0.78	27.9	5.2	0.39	24.8	55	1.1	271	726	85
10-8-2024	83.3	39.3	5.3	12.3	0.90	28.5	5.1	0.33	24.8	61	0.9	252	727	83
11-8-2024	89.3	41.8	4.9	12.1	0.98	27.3	5.2	0.30	26.3	55	1.1	267	724	89
12-8-2024	114.8	52.0	5.0	12.2	1.22	28.3	5.1	0.30	26.1	56	0.9	221	721	110
13-8-2024	98.9	45.5	4.8	12.2	0.88	30.0	5.2	0.30	27.6	58	0.8	166	721	99
14-8-2024	104.7	47.9	4.7	12.2	0.86	35.2	5.3	0.29	28.1	55	0.8	165	722	103
15-8-2024	70.3	34.0	5.2	12.3	1.07	33.7	5.2	0.32	26.7	60	0.7	188	724	70
16-8-2024	67.9	33.3	5.0	12.3	1.09	38.8	5.1	0.31	26.4	63	0.7	223	725	68
17-8-2024	50.2	26.1	4.9	12.4	0.76	37.7	5.1	0.30	27.3	62	0.7	213	723	50
18-8-2024	-	-	4.8	12.3	0.98	34.9	5.3	0.29	25.4	71	0.7	212	719	*
19-8-2024	68.6	26.3	5.1	12.3	0.69	33.2	5.2	0.31	25.8	72	0.8	232	721	69
20-8-2024	81.5	38.4	4.8	12.2	0.72	36.7	5.2	0.30	26.2	60	0.8	240	721	82
21-8-2024	34.5	19.7	5.0	12.2	0.46	33.0	5.2	0.30	25.4	59	1.0	224	720	35
22-8-2024	44.5	23.8	4.5	12.1	0.36	33.1	5.3	0.28	24.6	53	1.5	252	722	45
23-8-2024	62.2	31.0	4.7	12.2	0.41	31.1	5.2	0.29	25.3	53	1.3	260	722	62
24-8-2024	47.0	24.9	5.1	12.3	0.38	31.9	5.1	0.31	24.3	54	1.7	263	723	47
25-8-2024	37.3	21.2	4.8	12.1	0.26	31.2	5.2	0.29	23.9	54	1.6	267	722	37
26-8-2024	40.5	22.2	5.2	12.3	0.65	31.8	5.3	0.32	24.0	54	1.7	267	721	41
27-8-2024	47.0	24.9	5.3	12.3	0.45	28.7	5.2	0.32	23.9	56	1.4	266	722	47
28-8-2024	29.8	18.0	5.0	12.2	0.38	28.3	5.2	0.30	23.2	64	1.4	266	723	30
29-8-2024	40.7	22.3	5.4	12.1	0.67	27.5	5.2	0.33	22.1	61	1.1	261	721	41
30-8-2024	53.0	27.2	5.3	12.3	0.63	27.3	5.2	0.32	22.9	59	1.2	269	721	53
31-8-2024	63.5	31.4	5.2	12.3	0.75	27.1	5.2	0.32	23.1	58	1.3	271	721	64
Minimum	29.8	17.8	4.5	12.1	0.26	27.1	5.1	0.28	22.1	43	0.7	165	719	*
Maximum	114.8	52.0	6.3	12.4	1.22	38.8	5.3	0.39	28.1	72	1.7	271	728	*
Average	60.5	29.9	5.2	12.2	0.67	30.8	5.2	0.32	24.7	56	1.1	246	723	*

### NIMHANS - August 2024

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
01-8-2024	16.4	6.5	3.0	8.9	0.34	13.3	3.5	0.12	23.0	88	0.2	259	711	17
02-8-2024	15.0	6.0	3.3	7.9	0.31	10.8	3.5	0.22	23.0	75	0.6	260	711	16
03-8-2024	18.2	7.4	3.7	8.3	0.31	12.6	3.3	0.40	23.1	68	1.2	265	712	18
04-8-2024	18.0	7.3	3.0	8.2	0.30	14.2	3.5	0.40	24.3	65	1.1	265	712	18
05-8-2024	20.8	8.4	4.7	9.5	0.44	15.0	4.1	0.34	23.8	65	1.4	251	712	22
06-8-2024	17.6	7.1	5.5	8.7	0.34	11.3	4.0	0.28	23.3	71	1.9	281	711	18
07-8-2024	24.5	10.0	5.6	9.7	0.37	12.3	3.9	0.26	22.8	68	1.7	283	712	25
08-8-2024	28.4	11.4	3.3	9.1	0.34	13.5	4.0	0.33	23.6	66	2.0	280	712	28
09-8-2024	31.2	12.5	5.2	10.1	0.38	15.1	4.1	0.32	24.4	63	1.6	274	712	31
10-8-2024	32.5	13.0	3.1	11.9	0.45	13.8	4.3	0.32	24.3	66	1.3	264	712	33
11-8-2024	29.3	11.8	5.4	11.6	0.37	13.3	4.2	0.10	25.9	60	1.4	260	710	29
12-8-2024	33.3	13.3	2.5	14.4	0.55	18.2	4.5	0.13	25.1	65	1.1	212	710	33
13-8-2024	38.9	15.5	6.5	15.7	0.47	19.5	5.1	0.14	26.6	64	0.8	142	710	39
14-8-2024	61.9	24.8	4.8	14.2	0.42	23.2	5.7	0.13	27.2	59	0.8	132	709	62
15-8-2024	34.0	13.6	5.7	13.2	0.62	20.5	4.6	0.13	25.8	64	0.7	172	709	34
16-8-2024	40.1	16.1	5.3	12.6	0.53	25.8	5.3	0.13	26.0	65	0.6	200	708	40
17-8-2024	31.6	12.7	6.5	12.5	0.42	22.4	4.9	0.11	27.0	62	0.8	197	709	32
18-8-2024	28.9	11.6	9.2	13.4	0.53	19.4	4.6	0.13	25.0	67	0.7	216	710	29
19-8-2024	25.0	10.0	9.2	12.3	0.42	19.4	4.6	0.13	25.5	67	0.9	218	710	25
20-8-2024	25.6	10.3	8.0	12.8	0.54	22.5	4.2	0.12	25.5	67	0.9	219	709	27
21-8-2024	14.5	5.8	6.0	10.4	0.31	16.2	4.0	0.11	25.0	65	1.3	212	711	16
22-8-2024	13.2	5.2	9.3	9.6	0.32	20.1	3.3	0.09	24.5	62	1.9	255	712	20
23-8-2024	21.0	8.4	6.7	10.0	0.31	19.7	3.6	0.09	25.3	58	1.9	264	713	21
24-8-2024	23.4	9.4	10.6	8.4	0.29	16.9	3.5	0.07	24.3	61	2.7	269	713	23
25-8-2024	21.2	8.5	10.0	8.4	0.27	15.2	3.1	0.07	23.7	61	2.6	272	712	21
26-8-2024	19.4	7.7	6.6	8.6	0.30	16.7	3.2	0.08	23.8	58	2.5	268	712	19
27-8-2024	15.6	6.8	7.4	8.6	0.31	15.4	3.4	0.09	23.6	61	2.0	270	713	16
28-8-2024	25.0	15.9	6.1	8.6	0.29	14.0	3.5	0.10	23.1	63	2.1	273	713	27
29-8-2024	23.0	10.1	5.5	9.8	0.36	10.1	3.9	0.11	22.0	68	1.8	271	711	23
30-8-2024	28.0	12.3	8.8	9.3	0.36	15.2	3.7	0.10	22.8	64	2.1	280	711	28
31-8-2024	23.7	10.3	4.3	8.5	0.35	14.5	3.7	0.09	22.8	62	2.4	282	711	24
Minimum	13.2	5.2	2.5	7.9	0.27	10.1	3.1	0.07	22.0	58	0.2	132	708	*
Maximum	61.9	24.8	10.6	15.7	0.62	25.8	5.7	0.40	27.2	88	2.7	283	713	*
Average	25.8	10.6	6.0	10.5	0.38	16.4	4.0	0.17	24.4	65	1.4	244	711	*



### H.S.R Layout, Near Central Silkboard - August 2024

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
01-8-2024	108.9	12.7	8.9	18.2	0.51	16.0	3.7	0.84	22.5	76	1.4	222	711	106
02-8-2024	78.5	9.6	8.5	17.1	0.80	27.6	3.3	0.82	22.4	78	1.5	223	711	79
03-8-2024	148.4	15.2	7.9	19.5	0.61	19.4	2.9	0.76	22.5	75	1.4	228	712	132
04-8-2024	107.1	11.3	7.4	16.5	0.65	18.6	2.9	0.72	23.8	74	1.4	230	713	105
05-8-2024	92.6	11.6	9.3	22.3	0.64	19.4	2.9	0.91	23.4	76	1.2	218	712	93
06-8-2024	68.9	10.4	10.2	24.1	0.96	16.3	3.0	1.00	22.8	78	1.3	236	711	69
07-8-2024	143.7	16.6	13.2	24.4	1.07	14.6	3.0	1.29	22.4	77	1.2	242	712	129
08-8-2024	143.2	17.8	7.6	23.1	0.66	15.4	3.0	0.74	22.9	77	1.3	238	712	129
09-8-2024	192.5	21.2	8.5	25.9	1.03	15.7	3.1	0.83	23.9	76	1.2	242	712	162
10-8-2024	126.6	17.5	6.4	23.3	1.08	15.8	3.1	0.62	24.2	78	1.1	230	712	118
11-8-2024	149.0	16.0	8.2	19.7	0.69	13.5	3.1	0.81	25.4	75	1.2	239	710	133
12-8-2024	149.0	17.7	6.2	26.4	1.01	12.7	3.2	0.60	24.9	77	1.1	208	710	133
13-8-2024	62.5	15.2	7.0	15.6	0.65	14.2	2.9	0.68	25.8	78	0.9	112	710	63
14-8-2024	80.6	29.8	4.3	14.5	0.61	12.6	2.8	0.42	26.5	67	1.0	104	709	81
15-8-2024	77.5	18.2	9.3	12.5	0.62	3.5	2.7	0.91	25.5	78	0.8	146	711	78
16-8-2024	82.0	27.6	7.8	16.9	0.76	12.4	2.8	0.76	25.7	80	1.1	158	710	82
17-8-2024	73.5	15.5	8.1	10.9	0.66	18.7	2.8	0.79	26.4	77	1.2	157	711	74
18-8-2024	97.5	16.1	8.7	17.6	0.91	17.6	3.3	0.84	24.4	78	0.9	177	715	98
19-8-2024	110.5	19.3	7.5	23.2	0.84	18.8	3.7	0.73	25.2	78	1.2	188	717	107
20-8-2024	90.8	15.5	7.4	20.4	0.83	18.3	3.5	0.72	25.3	77	1.1	194	719	91
21-8-2024	64.7	9.8	10.3	17.9	0.65	19.4	3.5	1.01	24.3	76	1.6	188	716	65
22-8-2024	104.9	13.6	6.7	25.3	0.63	20.0	4.1	0.65	23.9	71	1.7	209	717	103
23-8-2024	122.9	15.4	8.0	20.5	0.72	17.9	4.1	0.78	24.8	71	1.4	387	723	115
24-8-2024	136.3	13.3	6.7	21.7	0.62	9.8	4.2	0.66	23.9	71	1.9	224	724	124
25-8-2024	98.4	10.5	9.4	16.2	0.61	9.9	3.9	0.92	23.2	71	1.9	235	725	98
26-8-2024	84.7	7.0	8.6	14.3	0.67	9.9	3.6	0.84	23.2	72	1.9	235	730	85
27-8-2024	81.3	8.6	7.8	15.0	0.66	9.8	3.7	0.75	22.8	71	5.3	236	716	81
28-8-2024	111.3	9.4	8.0	18.1	0.70	9.7	4.0	0.78	22.7	72	1.5	235	713	108
29-8-2024	79.7	9.3	10.0	18.7	0.81	9.7	3.9	0.91	22.0	76	1.4	230	711	80
30-8-2024	113.4	13.1	8.1	25.2	1.00	9.4	4.5	0.79	23.1	71	1.7	249	711	109
31-8-2024	144.0	10.6	10.2	20.0	0.80	9.5	4.1	1.00	22.4	74	1.6	250	711	129
Minimum	62.5	7.0	4.3	10.9	0.51	3.5	2.7	0.42	22.0	67	0.8	104	709	*
Maximum	192.5	29.8	13.2	26.4	1.08	27.6	4.5	1.29	26.5	80	5.3	387	730	*
Average	107.2	14.7	8.3	19.5	0.76	14.7	3.4	0.80	23.9	75	1.5	215	714	*

### R.V.College of Engineering, Kengeri - August 2024

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
01-8-2024	63.1	37.6	8.2	17.5	0.75	42.0	7.8	0.84	24.1	84	1.7	214	931	145	63
02-8-2024	58.4	30.3	8.7	17.4	0.70	42.0	8.2	0.84	23.8	84	1.5	196	931	96	58
03-8-2024	63.7	35.4	8.2	17.4	0.61	41.9	7.8	0.84	24.1	82	1.8	208	931	114	64
04-8-2024	59.1	32.0	8.6	17.5	0.63	42.0	8.1	0.84	24.9	75	1.9	210	931	176	59
05-8-2024	63.4	32.5	8.1	17.5	0.72	42.0	7.7	0.84	24.6	83	1.8	209	931	192	63
06-8-2024	49.2	32.4	7.8	17.5	0.85	41.9	7.4	0.84	23.8	89	1.9	216	931	173	54
07-8-2024	61.8	34.6	8.2	17.5	0.77	42.0	7.8	0.84	23.6	88	2.0	221	931	78	62
08-8-2024	69.3	28.5	7.9	17.4	0.70	41.9	7.5	0.84	24.1	82	2.0	220	931	146	69
09-8-2024	82.7	40.3	8.5	17.5	1.04	42.0	8.1	0.80	24.1	86	1.8	228	931	72	83
10-8-2024	72.3	31.0	8.0	17.5	0.84	42.0	7.6	0.84	24.7	84	2.0	232	931	131	72
11-8-2024	71.9	29.0	8.2	17.5	0.75	42.0	7.8	0.84	25.4	76	2.2	252	931	182	72
12-8-2024	63.9	29.7	8.3	17.5	0.85	41.9	7.9	0.84	25.2	82	1.5	221	931	198	64
13-8-2024	61.4	34.6	7.9	16.6	0.62	40.0	7.5	0.80	23.1	79	1.7	200	930	113	61
14-8-2024	81.8	37.7	8.7	17.2	0.79	41.3	8.1	0.83	26.0	69	1.4	142	931	193	82
15-8-2024	79.2	37.0	8.7	17.4	0.77	42.0	8.3	0.84	26.3	75	1.5	173	931	175	79
16-8-2024	76.2	40.6	8.4	17.5	0.73	42.0	8.0	0.84	25.8	83	1.4	183	931	190	76
17-8-2024	69.5	30.3	8.4	17.5	0.79	42.0	8.0	0.84	26.1	76	1.6	183	931	226	70
18-8-2024	60.3	38.1	8.4	17.5	0.82	41.9	8.0	0.84	25.0	86	1.5	181	931	180	63
19-8-2024	49.8	31.9	8.0	17.5	0.77	41.9	7.6	0.84	25.5	82	1.6	205	931	198	53
20-8-2024	51.6	33.1	8.2	17.5	0.78	42.0	7.8	0.84	26.0	78	1.5	187	931	225	55
21-8-2024	53.6	31.8	8.2	17.5	0.72	42.0	7.8	0.84	24.7	79	1.6	183	931	201	54
22-8-2024	55.7	31.2	8.2	17.6	0.77	41.9	7.8	0.84	25.2	71	1.7	199	931	225	56
23-8-2024	64.3	35.6	8.0	17.4	0.77	42.0	7.6	0.84	25.4	71	1.7	217	931	225	64
24-8-2024	63.8	35.4	8.3	17.5	0.67	42.0	7.9	0.84	24.8	73	1.8	217	931	187	64
25-8-2024	61.9	34.7	8.3	17.5	0.71	42.0	7.9	0.84	24.4	74	1.7	220	931	145	62
26-8-2024	56.3	32.3	8.1	17.4	0.87	41.9	7.7	0.84	24.6	74	1.8	219	931	187	56
27-8-2024	54.1	31.5	12.6	17.5	0.79	42.0	8.8	0.84	24.2	79	1.8	206	931	151	54
28-8-2024	56.8	32.1	10.5	17.5	0.69	41.1	7.5	0.84	24.1	78	1.9	213	931	143	57
29-8-2024	54.8	35.2	8.0	17.5	0.70	41.0	6.6	0.84	23.1	92	1.7	197	931	78	59
30-8-2024	65.7	37.1	9.4	17.5	1.02	41.0	7.7	0.84	23.9	84	1.9	214	931	140	66
31-8-2024	57.2	28.6	9.9	17.5	1.08	41.0	9.4	0.84	24.1	81	2.0	221	931	104	57
<b>Minimum</b>	<b>49.2</b>	<b>28.5</b>	<b>7.8</b>	<b>16.6</b>	<b>0.61</b>	<b>40.0</b>	<b>6.6</b>	<b>0.80</b>	<b>23.1</b>	<b>69</b>	<b>1.4</b>	<b>142</b>	<b>930</b>	<b>72</b>	<b>*</b>
<b>Maximum</b>	<b>82.7</b>	<b>40.6</b>	<b>12.6</b>	<b>17.6</b>	<b>1.08</b>	<b>42.0</b>	<b>9.4</b>	<b>0.84</b>	<b>26.3</b>	<b>92</b>	<b>2.2</b>	<b>252</b>	<b>931</b>	<b>226</b>	<b>*</b>
<b>Average</b>	<b>63.0</b>	<b>33.6</b>	<b>8.5</b>	<b>17.4</b>	<b>0.78</b>	<b>41.8</b>	<b>7.9</b>	<b>0.84</b>	<b>24.7</b>	<b>80</b>	<b>1.7</b>	<b>206</b>	<b>931</b>	<b>161</b>	<b>*</b>

### Jigani Industrial Area, Anekal - August 2024

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
01-8-2024	25.3	24.0	9.7	24.4	0.80	23.3	11.6	1.12	22.8	73	3.5	309	949	189	40
02-8-2024	22.3	21.0	11.7	24.4	0.79	22.3	14.7	1.11	22.4	84	3.6	273	951	94	40
03-8-2024	28.7	27.4	15.5	25.2	0.71	27.2	21.3	1.30	23.0	83	3.4	243	933	111	46
04-8-2024	22.3	21.0	8.9	22.4	0.78	32.2	25.2	1.12	23.7	91	3.2	272	938	133	39
05-8-2024	30.7	21.0	10.4	25.6	0.80	34.0	19.2	1.29	23.8	82	2.5	244	927	79	40
06-8-2024	44.6	25.3	11.9	25.7	0.77	23.1	15.6	0.75	21.9	91	2.9	247	949	10	45
07-8-2024	48.6	19.2	13.8	29.3	0.89	15.9	12.3	1.08	22.4	91	2.7	288	937	85	49
08-8-2024	44.0	22.9	12.5	30.2	0.75	17.2	14.2	1.28	22.7	87	3.0	284	949	102	44
09-8-2024	57.4	27.4	11.6	27.0	0.71	19.2	18.9	1.36	24.3	93	2.3	285	949	119	57
10-8-2024	45.3	24.7	9.7	25.7	0.68	17.4	25.1	1.10	24.1	83	2.2	203	944	146	45
11-8-2024	52.1	29.5	9.7	25.7	0.94	18.9	12.8	1.40	25.7	82	2.4	125	927	160	52
12-8-2024	42.1	36.0	13.4	31.0	0.63	26.9	14.8	2.11	25.1	81	4.1	182	922	110	60
13-8-2024	42.1	39.7	12.7	29.6	0.81	26.0	20.4	1.91	26.1	76	6.3	196	926	192	66
14-8-2024	50.2	32.2	12.1	27.9	1.03	22.6	24.8	1.93	26.2	83	7.7	215	919	180	54
15-8-2024	50.5	36.8	13.6	26.5	0.83	20.7	17.7	1.94	25.9	77	4.8	215	912	124	61
16-8-2024	53.4	39.6	12.8	30.4	0.76	27.0	24.7	1.83	26.0	78	4.0	164	910	102	66
17-8-2024	64.1	39.7	13.0	25.9	0.74	27.6	22.9	1.56	26.3	68	4.6	165	919	166	66
18-8-2024	48.0	36.7	9.3	22.2	0.63	24.3	21.4	1.29	24.6	68	3.7	205	927	116	61
19-8-2024	62.8	27.1	9.3	22.4	0.65	24.3	21.2	1.13	25.3	68	2.9	227	921	137	63
20-8-2024	56.5	34.7	11.4	23.7	0.65	26.1	22.3	1.37	25.8	71	3.9	239	921	152	58
21-8-2024	48.0	37.5	9.4	22.2	0.63	24.3	21.5	1.23	24.6	70	3.7	263	927	116	63
22-8-2024	51.1	22.6	9.2	23.5	0.58	22.3	18.5	1.09	26.5	70	2.9	314	933	136	51
23-8-2024	50.1	27.5	12.6	31.1	0.62	30.0	16.3	1.83	23.5	65	3.1	331	954	114	50
24-8-2024	47.9	14.0	13.7	28.0	0.51	32.3	16.0	1.32	22.8	61	3.1	318	955	88	48
25-8-2024	43.6	15.5	13.7	26.9	0.51	32.0	17.1	1.25	23.2	65	2.9	307	954	128	44
26-8-2024	43.6	12.9	13.7	27.5	0.55	32.3	19.5	1.40	24.0	58	3.2	278	951	146	44
27-8-2024	45.2	15.0	11.8	31.2	0.58	25.8	26.5	1.29	22.8	58	1.8	248	955	88	45
28-8-2024	43.0	15.1	8.9	25.0	0.79	22.6	18.2	1.28	22.5	67	2.5	282	938	77	43
29-8-2024	45.4	16.5	10.4	26.4	0.66	24.3	21.2	1.30	22.7	81	1.3	238	934	145	45
30-8-2024	50.1	24.6	13.1	27.2	0.79	25.6	22.5	1.58	24.3	62	2.5	275	934	159	50
31-8-2024	47.7	17.7	12.9	27.3	0.81	23.1	22.4	1.03	24.1	63	1.4	298	931	144	48
<b>Minimum</b>	<b>22.3</b>	<b>12.9</b>	<b>8.9</b>	<b>22.2</b>	<b>0.5</b>	<b>15.9</b>	<b>11.6</b>	<b>0.7</b>	<b>21.9</b>	<b>58</b>	<b>1.3</b>	<b>125</b>	<b>910</b>	<b>10</b>	<b>*</b>
<b>Maximum</b>	<b>64.1</b>	<b>39.7</b>	<b>15.5</b>	<b>31.2</b>	<b>1.0</b>	<b>34.0</b>	<b>26.5</b>	<b>2.1</b>	<b>26.5</b>	<b>93</b>	<b>7.7</b>	<b>331</b>	<b>955</b>	<b>192</b>	<b>*</b>
<b>Average</b>	<b>45.4</b>	<b>26.0</b>	<b>11.7</b>	<b>26.5</b>	<b>0.72</b>	<b>24.9</b>	<b>19.4</b>	<b>1.37</b>	<b>24.16</b>	<b>75</b>	<b>3.3</b>	<b>249</b>	<b>935</b>	<b>124</b>	<b>*</b>

### RTO Office, Kasturinagar - August 2024

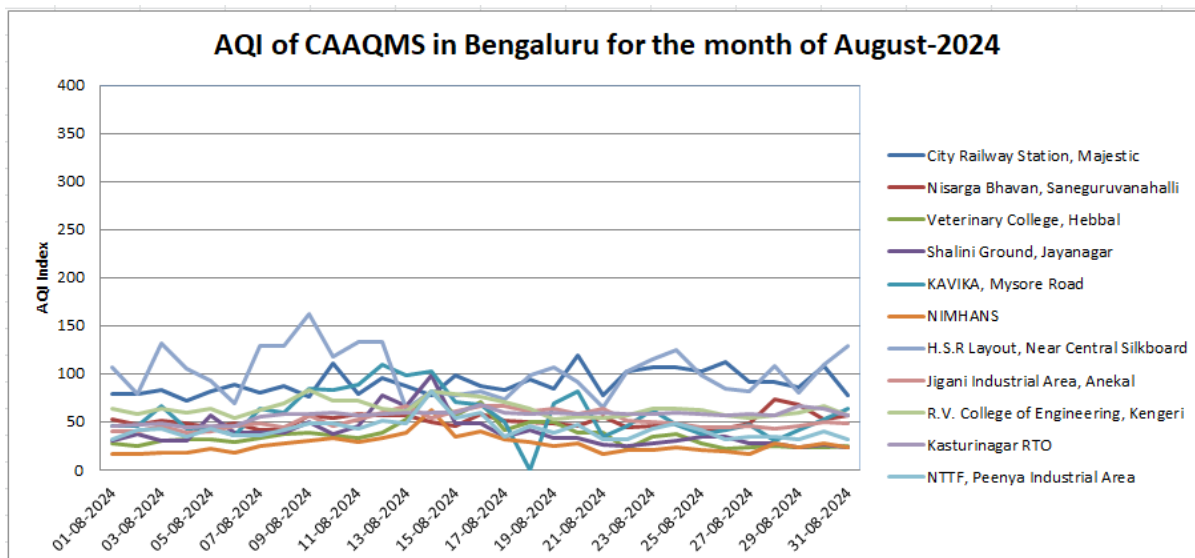
Date	PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	Temp °C	RH %	WS m/s	WD Degree	BP mb	SR W/m <sup>2</sup>	AQI
01-8-2024	46.1	25.6	16.3	13.2	0.50	25.2	14.3	0.97	23.4	82	2.0	45	920	205	46
02-8-2024	46.6	25.9	16.1	13.3	0.51	29.2	14.4	0.97	23.2	82	2.1	40	918	172	47
03-8-2024	44.8	25.0	16.3	13.2	0.50	30.6	14.3	0.97	23.4	80	1.9	48	912	149	48
04-8-2024	44.0	24.6	16.1	13.3	0.49	36.6	14.3	0.97	24.4	74	1.8	52	918	200	44
05-8-2024	45.4	25.3	16.1	13.2	0.50	28.8	14.3	0.98	23.8	82	1.5	67	928	201	45
06-8-2024	45.7	26.3	16.3	13.3	0.50	34.3	14.4	0.97	23.4	82	1.7	57	925	202	46
07-8-2024	54.7	28.0	16.3	13.3	0.49	40.4	14.3	0.86	22.9	84	1.4	76	924	122	55
08-8-2024	58.0	28.1	16.2	13.3	0.50	33.4	15.3	0.81	23.9	78	1.7	65	927	182	58
09-8-2024	58.2	28.2	16.0	15.4	0.50	31.5	15.1	0.74	24.9	76	1.5	100	921	190	58
10-8-2024	58.7	28.4	16.1	15.8	0.50	30.7	15.0	0.72	24.8	79	1.4	98	924	162	59
11-8-2024	56.9	27.5	16.5	15.8	0.50	30.7	14.9	0.72	25.8	72	1.5	112	921	232	57
12-8-2024	57.8	28.0	16.2	17.0	0.51	28.2	12.9	0.72	25.1	79	1.4	114	915	214	58
13-8-2024	58.8	23.5	16.2	14.9	0.50	29.8	13.9	1.12	26.9	72	1.1	73	914	251	59
14-8-2024	59.4	23.4	16.3	12.7	0.50	37.4	12.5	1.53	27.3	68	0.9	58	913	265	59
15-8-2024	59.6	24.0	16.3	12.2	0.50	40.2	11.8	1.64	26.4	74	1.1	42	911	163	60
16-8-2024	67.5	25.1	16.3	13.5	0.50	40.1	12.7	1.82	26.1	79	1.3	49	908	157	68
17-8-2024	59.2	25.5	16.3	13.9	0.49	40.2	12.9	1.87	26.8	72	1.3	42	911	209	59
18-8-2024	57.7	25.4	16.3	13.9	0.50	40.1	12.9	1.87	25.0	81	1.2	68	914	150	58
19-8-2024	58.5	25.0	16.1	11.7	0.50	40.3	10.9	1.52	25.4	80	1.4	43	916	168	59
20-8-2024	58.1	25.9	16.2	11.6	0.49	38.0	11.6	1.58	25.9	76	1.1	46	913	162	58
21-8-2024	58.6	25.8	16.1	10.1	0.50	38.8	10.9	1.81	24.6	74	2.3	19	912	218	59
22-8-2024	57.6	24.9	15.9	11.7	0.51	43.5	12.0	1.74	24.7	70	2.2	24	910	221	58
23-8-2024	58.1	26.0	16.1	13.3	0.50	42.2	14.1	1.83	25.1	69	2.1	29	914	234	58
24-8-2024	59.1	26.5	16.0	13.8	0.50	41.7	14.8	1.86	24.1	73	2.5	31	915	208	59
25-8-2024	58.4	26.5	15.9	13.8	0.51	41.7	14.8	1.86	23.7	73	2.3	39	913	173	58
26-8-2024	57.3	26.5	16.0	13.8	0.50	41.7	14.8	1.86	24.0	73	2.3	38	922	186	57
27-8-2024	57.8	27.5	16.0	15.5	0.50	29.8	12.7	1.69	24.0	73	2.0	40	945	174	58
28-8-2024	56.8	26.9	16.0	17.3	0.51	29.8	13.8	1.79	23.5	75	2.0	43	938	142	57
29-8-2024	66.3	26.6	16.5	17.8	0.50	31.2	14.5	1.85	22.2	87	1.8	47	955	107	66
30-8-2024	63.5	27.6	16.0	15.8	0.49	29.3	13.0	1.88	22.9	82	1.8	68	916	146	64
31-8-2024	56.2	27.2	16.3	18.9	0.50	30.4	14.4	1.73	23.1	79	2.0	79	943	108	56
Minimum	44.0	23.4	15.9	10.1	0.5	25.2	10.9	0.7	22.2	68	0.9	19	908	107	*
Maximum	67.5	28.4	16.5	18.9	0.5	43.5	15.3	1.9	27.3	87	2.5	114	955	265	*
Average	56.3	26.2	16.2	14.1	0.50	35.0	13.6	1.40	24.5	77	1.7	57	921	183	*

### NTTF, Peenya Industrial Area - August 2024

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
01-8-2024	32.2	18.4	2.6	12.4	0.32	31.9	15.3	0.71	23.7	74	0.5	157.58	937	139	32
02-8-2024	41.9	23.9	2.4	12.4	0.35	31.8	15.3	0.71	23.6	73	0.6	153	937	122	42
03-8-2024	42.8	24.4	2.6	12.4	0.40	31.8	15.3	0.70	23.6	78	0.5	158	937	97	43
04-8-2024	34.1	19.5	0.9	12.4	0.32	31.9	15.3	0.71	24.4	67	0.4	156	937	141	34
05-8-2024	42.8	24.4	2.7	12.4	0.62	31.9	15.2	0.72	24.0	71	0.3	166	936	148	43
06-8-2024	35.7	20.3	2.8	12.4	0.44	31.9	15.3	0.71	23.5	72	0.4	161	937	136	36
07-8-2024	35.7	20.3	2.7	12.4	0.49	31.9	15.3	0.71	23.3	77	0.3	184	937	78	36
08-8-2024	40.9	23.3	2.0	12.4	0.48	31.9	15.3	0.71	23.8	76	0.4	165	937	122	41
09-8-2024	49.0	27.9	2.3	12.4	0.49	31.9	15.4	0.71	24.8	71	0.5	210	937	146	49
10-8-2024	48.5	27.7	2.3	12.4	0.50	31.9	15.3	0.72	24.9	67	0.5	215	937	127	49
11-8-2024	43.1	24.6	2.6	12.4	0.47	31.9	15.3	0.71	25.5	60	0.7	237	936	180	43
12-8-2024	50.9	29.0	2.5	12.4	0.66	31.9	15.3	0.71	25.2	66	0.4	177	935	163	51
13-8-2024	48.9	27.9	2.9	12.4	0.61	31.9	15.3	0.71	26.6	55	0.4	135	935	178	49
14-8-2024	81.1	46.2	3.9	12.4	0.64	31.9	15.3	0.71	26.8	52	0.4	124	935	191	81
15-8-2024	54.1	30.9	3.6	12.4	0.80	31.9	15.2	0.72	25.4	65	0.4	135	934	107	54
16-8-2024	59.1	33.7	3.0	12.4	0.66	31.9	15.2	0.71	25.6	64	0.4	159	934	116	59
17-8-2024	34.7	19.8	2.6	12.4	0.52	31.8	15.3	0.71	25.5	64	0.4	148	935	155	35
18-8-2024	46.1	26.3	2.8	12.4	0.88	31.9	15.3	0.71	24.4	78	0.4	143	936	100	46
19-8-2024	39.1	22.3	2.6	12.4	0.65	31.9	15.3	0.71	24.6	72	0.4	158	935	144	39
20-8-2024	47.1	26.8	3.6	12.4	0.82	31.9	15.3	0.71	24.6	75	0.4	148	935	97	47
21-8-2024	29.1	16.6	2.6	12.4	0.44	31.9	15.3	0.71	24.2	68	0.7	146	936	146	32
22-8-2024	32.1	18.3	4.2	12.4	0.41	31.9	15.3	0.71	24.6	63	0.6	153	937	158	32
23-8-2024	43.4	24.7	3.6	12.4	0.35	31.9	15.3	0.71	24.9	63	0.6	153	937	174	43
24-8-2024	47.6	27.1	2.7	12.4	0.48	31.9	15.3	0.71	24.1	65	0.6	154	938	122	48
25-8-2024	40.9	23.3	2.7	12.4	0.51	31.8	15.3	0.71	23.7	58	0.6	155	937	134	41
26-8-2024	32.0	18.2	3.6	12.4	0.47	31.8	15.3	0.71	24.0	61	0.5	153	937	146	32
27-8-2024	34.4	19.6	4.2	12.4	0.39	31.9	15.3	0.71	23.9	60	0.5	158	937	127	34
28-8-2024	35.2	20.0	3.1	12.4	0.35	31.9	15.3	0.71	23.7	64	0.5	163	937	105	35
29-8-2024	32.1	18.3	2.9	12.4	0.55	31.9	15.2	0.71	22.9	77	0.4	169	936	76	32
30-8-2024	39.8	22.7	3.3	12.4	0.45	31.9	15.3	0.71	23.2	73	0.3	174	936	96	40
31-8-2024	21.2	12.1	3.6	12.4	0.40	31.9	15.3	0.72	22.4	69	0.4	190	897	74	32
Minimum	21.2	12.1	0.9	12.4	0.3	31.8	15.2	0.7	22.4	52	0.3	124	897	74	*
Maximum	81.1	46.2	4.2	12.4	0.9	31.9	15.4	0.7	26.8	78	0.7	237	938	191	*
Average	41.8	23.8	2.9	12.4	0.51	31.9	15.3	0.71	24.4	68	0.5	163	935	131	*

#### 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



**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 August 2024 reveals that the Air quality is Good and Satisfactory. In some places it has reached Moderate, the AQI values has reached 162 as depicted in the above graph. In other words, the AQI observed during the month August-2024 are having more number of Good and Satisfactory days in over the number of days monitored.*

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