



## KARNATAKA STATE POLLUTION CONTROL BOARD

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

### Air Quality Monitoring Cell

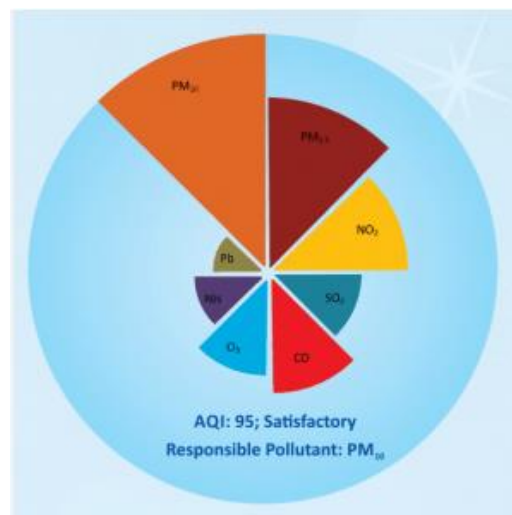
Air Quality Index of CAAQM Stations monitored in Bengaluru city-August-2023.

#### 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 August-2023 is as shown below:

### Daily AQI Values of Bengaluru (August-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	Kasturinagar RTO	Peenya Industrial Area
01-08-2023	51	52	36	111	44	31	108	22	63	54	22
02-08-2023	54	62	45	103	45	37	112	14	72	55	14
03-08-2023	60	50	38	99	37	30	106	15	73	49	15
04-08-2023	53	50	36	42	42	29	88	13	112	50	13
05-08-2023	49	46	32	41	37	38	80	10	100	41	10
06-08-2023	51	48	24	41	24	24	71	9	74	39	11
07-08-2023	54	82	35	51	41	32	98	10	68	52	10
08-08-2023	53	81	31	40	58	29	99	10	74	51	10
09-08-2023	50	47	40	75	62	39	115	10	66	65	10
10-08-2023	56	45	42	87	55	44	109	12	63	62	12
11-08-2023	52	45	46	125	57	49	117	19	97	69	19
12-08-2023	55	32	51	75	19	51	108	21	70	64	21
13-08-2023	51	49	45	66	25	42	105	*	67	50	*
14-08-2023	50	47	56	52	*	41	102	14	66	59	14
15-08-2023	57	37	55	69	*	53	95	24	60	61	24
16-08-2023	53	42	57	75	*	56	108	17	53	68	17
17-08-2023	53	61	32	64	*	38	109	*	79	49	*
18-08-2023	53	45	33	48	*	31	97	22	71	44	22
19-08-2023	52	55	24	71	*	31	73	21	75	36	21
20-08-2023	55	43	28	87	*	32	80	15	49	51	15
21-08-2023	51	46	56	118	*	60	135	17	73	103	17
22-08-2023	53	46	49	103	*	54	119	22	68	79	22
23-08-2023	54	57	44	65	*	44	103	15	57	66	15
24-08-2023	48	47	43	72	*	45	109	13	61	66	13
25-08-2023	54	38	44	59	38	41	91	15	50	61	14
26-08-2023	55	38	24	58	72	35	85	16	46	44	16
27-08-2023	56	38	*	47	77	32	71	16	50	33	16
28-08-2023	54	54	33	53	93	33	100	20	44	46	20
29-08-2023	50	57	36	72	46	35	98	*	54	47	*
30-08-2023	53	46	27	87	69	37	97	20	41	42	20
31-08-2023	52	84	*	78	64	42	90	26	43	34	26
<b>Min</b>	<b>48</b>	<b>32</b>	<b>24</b>	<b>40</b>	<b>19</b>	<b>24</b>	<b>71</b>	<b>8</b>	<b>41</b>	<b>33</b>	<b>10</b>
<b>Max</b>	<b>60</b>	<b>84</b>	<b>57</b>	<b>125</b>	<b>93</b>	<b>60</b>	<b>135</b>	<b>26</b>	<b>112</b>	<b>103</b>	<b>26</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-August 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
01-08-2023	51.3	18.5	28.3	0.87	51
02-08-2023	53.9	18.5	28.4	0.88	54
03-08-2023	58.9	18.5	29.0	0.84	60
04-08-2023	52.6	18.4	28.7	0.89	53
05-08-2023	48.7	18.5	29.5	0.94	49
06-08-2023	51.1	18.5	32.0	0.95	51
07-08-2023	53.5	18.5	28.7	0.90	54
08-08-2023	53.4	18.4	28.0	0.85	53
09-08-2023	50.4	18.6	29.0	0.87	50
10-08-2023	55.6	18.5	29.7	0.94	56
11-08-2023	51.7	18.6	30.3	0.92	52
12-08-2023	54.6	18.6	31.6	0.90	55
13-08-2023	51.2	18.4	32.6	0.93	51
14-08-2023	50.2	18.4	29.4	0.89	50
15-08-2023	57.0	18.5	32.1	0.86	57
16-08-2023	53.4	18.5	28.2	0.96	53
17-08-2023	52.9	18.4	27.5	0.79	53
18-08-2023	53.0	18.4	26.7	0.85	53
19-08-2023	51.8	18.5	26.3	0.97	52
20-08-2023	55.1	18.5	29.8	0.96	55
21-08-2023	50.6	18.5	28.6	0.90	51
22-08-2023	52.5	18.4	28.0	0.93	53
23-08-2023	53.5	18.5	26.5	0.91	54
24-08-2023	48.3	18.5	25.5	0.95	48
25-08-2023	53.5	18.6	29.9	0.92	54
26-08-2023	55.0	18.6	31.1	0.83	55
27-08-2023	56.3	18.5	30.5	0.86	56
28-08-2023	54.0	18.6	28.4	0.85	54
29-08-2023	50.0	18.5	25.8	0.95	50
30-08-2023	53.4	18.6	30.0	0.84	53
31-08-2023	51.6	18.4	29.5	0.86	52
<b>Minimum</b>	<b>48.3</b>	<b>18.4</b>	<b>25.5</b>	<b>0.79</b>	<b>*</b>
<b>Maximum</b>	<b>58.9</b>	<b>18.6</b>	<b>32.6</b>	<b>0.97</b>	<b>*</b>
<b>Average</b>	<b>52.9</b>	<b>18.5</b>	<b>29.0</b>	<b>0.89</b>	<b>*</b>

### Nisarga Bhavan, Saneguruvanahalli- August 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
01-08-2023	51.6	3.8	18.5	0.51	24.2	79	1.2	226	312.8	52
02-08-2023	62.4	3.8	18.9	0.41	23.5	87	1.2	224	97.9	62
03-08-2023	49.5	3.8	18.4	0.39	25.5	80	1.2	254	64.4	50
04-08-2023	49.7	3.8	18.9	0.46	24.5	84	1.1	114	106.0	50
05-08-2023	46.3	3.8	18.3	0.53	23.7	84	1.1	87	265.0	46
06-08-2023	47.8	3.8	17.9	0.58	24.9	83	1.1	90	29.7	48
07-08-2023	81.6	3.8	19.4	0.62	25.2	78	1.3	81	306.9	82
08-08-2023	81.3	3.8	18.4	0.50	24.6	80	1.2	46	55.2	81
09-08-2023	46.7	3.8	19.8	0.53	22.9	89	1.4	20	535.7	47
10-08-2023	45.4	3.8	18.9	0.53	23.0	88	1.2	42	229.9	45
11-08-2023	44.9	3.8	21.2	0.79	23.3	88	1.2	48	66.0	45
12-08-2023	32.4	3.8	21.0	0.69	23.4	87	1.3	41	190.0	32
13-08-2023	49.1	3.8	17.2	0.57	23.6	86	1.2	37	94.9	49
14-08-2023	46.8	3.8	19.0	0.48	23.7	80	1.2	30	280.0	47
15-08-2023	36.5	3.8	18.0	0.47	24.1	81	1.1	61	94.0	37
16-08-2023	41.8	3.8	19.9	0.46	24.1	78	1.2	54	212.5	42
17-08-2023	61.4	3.8	18.1	0.47	24.0	78	1.4	51	332.1	61
18-08-2023	44.7	3.8	19.9	0.36	23.9	81	1.2	87	290.1	45
19-08-2023	55.1	3.8	18.9	0.45	24.4	81	1.1	42	543.4	55
20-08-2023	42.8	3.8	18.3	0.56	25.2	71	1.2	59	187.3	43
21-08-2023	46.2	3.8	23.3	0.55	25.4	72	1.5	27	76.5	46
22-08-2023	46.2	3.8	22.1	0.66	25.1	73	1.2	61	213.7	46
23-08-2023	56.8	3.8	20.8	0.57	24.5	75	1.3	37	81.2	57
24-08-2023	46.8	3.8	19.9	0.70	24.9	78	1.3	77	54.3	47
25-08-2023	37.7	3.8	19.9	0.54	23.9	84	1.1	66	126.0	38
26-08-2023	37.5	3.8	18.5	0.49	23.8	83	1.3	23	80.4	38
27-08-2023	38.2	3.8	18.5	0.48	24.5	82	1.4	70	79.0	38
28-08-2023	53.5	3.8	18.9	0.47	23.8	83	1.4	54	103.5	54
29-08-2023	57.1	3.8	19.8	0.55	24.1	79	1.2	65	86.7	57
30-08-2023	45.6	3.8	19.9	0.51	23.3	88	1.2	34	111.3	46
31-08-2023	84.2	3.8	20.7	0.54	23.8	84	1.1	72	60.6	84
<b>Minimum</b>	<b>32.4</b>	<b>3.8</b>	<b>17.2</b>	<b>0.36</b>	<b>22.9</b>	<b>71</b>	<b>1.1</b>	<b>20</b>	<b>29.7</b>	<b>*</b>
<b>Maximum</b>	<b>84.2</b>	<b>3.8</b>	<b>23.3</b>	<b>0.79</b>	<b>25.5</b>	<b>89</b>	<b>1.5</b>	<b>254</b>	<b>543.4</b>	<b>*</b>
<b>Average</b>	<b>50.6</b>	<b>3.8</b>	<b>19.4</b>	<b>0.53</b>	<b>24.2</b>	<b>81</b>	<b>1.2</b>	<b>74</b>	<b>173.1</b>	<b>*</b>

### Veterinary College, Hebbal-August 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
01-08-2023	36.3	11.3	14.6	12.9	0.36	14.7	12.9	0.00	23.9	72	1.2	114	708	36
02-08-2023	45.0	14.4	16.9	13.5	0.37	14.0	13.0	0.02	23.8	70	1.2	43	709	45
03-08-2023	38.1	10.0	10.4	14.5	0.35	12.7	12.7	0.03	23.9	71	1.1	95	709	38
04-08-2023	36.0	11.3	11.9	14.4	0.39	12.4	12.7	0.03	23.9	73	0.9	85	710	36
05-08-2023	31.8	9.6	14.0	15.0	0.38	13.0	12.5	0.03	23.8	75	0.8	75	711	32
06-08-2023	23.9	7.7	12.5	14.6	0.35	11.3	12.5	0.03	23.5	79	0.7	48	710	24
07-08-2023	34.5	9.2	11.8	15.3	0.38	11.6	12.6	0.03	23.9	75	0.7	98	709	35
08-08-2023	30.8	11.0	12.6	15.7	0.38	12.1	12.5	0.03	23.8	74	0.7	102	708	31
09-08-2023	39.7	11.7	12.6	16.3	0.40	11.7	12.3	0.04	24.2	71	0.6	81	710	40
10-08-2023	41.9	11.9	11.2	15.2	0.39	14.4	12.8	0.04	24.9	71	0.6	66	710	42
11-08-2023	46.4	16.0	11.0	15.9	0.42	12.8	13.2	0.04	24.9	71	0.5	59	709	46
12-08-2023	50.7	20.6	10.9	17.0	0.38	13.0	12.9	0.04	25.3	69	0.7	87	709	51
13-08-2023	45.0	13.1	11.2	15.9	0.34	11.8	12.7	0.03	24.7	69	0.8	79	709	45
14-08-2023	56.0	15.7	13.6	15.9	0.31	18.1	12.9	0.03	25.7	62	0.7	56	709	56
15-08-2023	54.5	20.4	15.9	16.3	0.33	15.1	13.2	0.03	25.4	63	0.7	33	709	55
16-08-2023	57.3	19.4	17.4	16.8	0.35	18.4	12.4	0.04	25.6	63	0.8	23	709	57
17-08-2023	32.4	16.3	15.6	15.8	0.24	13.3	11.9	0.04	24.0	69	0.8	3	709	32
18-08-2023	33.3	9.9	13.1	15.1	0.34	14.0	12.5	0.03	23.7	71	0.9	10	708	33
19-08-2023	24.3	7.6	14.8	17.7	0.42	8.8	13.1	0.04	22.5	79	0.7	60	708	24
20-08-2023	28.3	9.3	12.6	16.3	0.37	9.6	12.8	0.03	23.4	73	0.7	36	708	28
21-08-2023	55.5	14.5	14.5	18.1	0.44	9.2	12.9	0.04	24.7	68	0.8	25	708	56
22-08-2023	48.5	15.7	16.1	20.3	0.40	9.7	12.8	0.07	24.5	74	0.5	3	708	49
23-08-2023	44.0	10.7	12.7	18.0	0.37	10.2	12.8	0.05	25.0	69	0.5	13	708	44
24-08-2023	42.6	14.2	9.3	18.2	0.40	9.5	12.6	0.07	24.7	66	0.7	19	709	43
25-08-2023	44.3	15.4	6.5	17.9	0.40	11.4	12.5	0.03	25.3	63	0.7	5	709	44
26-08-2023	23.8	6.8	7.7	16.6	0.35	13.8	12.2	0.01	24.8	68	0.7	5	709	24
27-08-2023	-	-	-	-	-	-	-	-	-	-	-	-	-	*
28-08-2023	33.3	7.9	9.9	17.2	0.34	11.9	12.5	0.00	29.6	50	0.4	6	707	33
29-08-2023	36.0	9.3	8.5	17.6	0.36	8.4	12.1	0.00	25.4	63	0.3	3	707	36
30-08-2023	27.4	7.1	12.8	16.9	0.33	15.3	12.2	0.00	25.5	66	0.5	3	708	27
31-08-2023	-	-	-	-	-	-	-	-	-	-	-	-	-	*
Minimum	23.8	6.8	6.5	12.9	0.24	8.4	11.9	0.00	22.5	50	0.3	3	707	*
Maximum	57.3	20.6	17.4	20.3	0.44	18.4	13.2	0.07	29.6	79	1.2	114	711	*
Average	39.4	12.3	12.5	16.2	0.37	12.5	12.6	0.03	24.6	69	0.7	46	709	*

### Shalini Ground, Jayanagar-August 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
01-08-2023	48.1	19.3	1.2	10.3	2.90	18.5	12.7	1.11	24.2	43	1.3	200	734	111
02-08-2023	54.9	19.5	13.6	9.3	2.23	16.2	11.5	1.67	24.1	80	1.3	255	735	103
03-08-2023	45.7	18.9	7.4	8.6	1.98	15.1	10.7	1.85	24.3	86	1.6	264	734	99
04-08-2023	42.4	16.6	7.1	24.3	0.41	14.1	7.0	0.23	24.6	71	2.0	269	735	42
05-08-2023	41.3	14.9	10.3	22.3	0.85	12.8	7.5	0.47	24.2	71	1.8	268	736	41
06-08-2023	40.8	15.6	8.8	8.3	0.74	19.4	13.9	0.41	24.6	67	1.6	273	736	41
07-08-2023	50.6	16.9	1.3	7.0	0.56	15.1	14.0	0.32	24.9	77	1.6	270	734	51
08-08-2023	40.1	16.2	5.9	13.0	0.36	12.3	8.9	0.20	24.3	71	1.9	290	734	40
09-08-2023	74.5	20.7	6.6	6.5	0.75	14.1	16.4	0.42	25.5	67	1.6	274	735	75
10-08-2023	87.0	23.3	6.5	7.7	0.54	13.5	15.4	0.30	25.6	67	1.5	268	734	87
11-08-2023	138.1	31.5	3.6	11.9	1.24	14.9	18.3	0.69	25.9	57	1.4	236	726	125
12-08-2023	75.0	25.3	3.0	9.4	0.33	14.9	14.9	0.19	25.3	74	1.5	256	726	75
13-08-2023	66.3	19.8	3.2	5.4	0.51	15.3	16.3	0.28	25.0	74	1.7	267	726	66
14-08-2023	52.2	20.6	4.2	9.6	0.63	14.6	15.5	0.35	24.9	65	1.5	255	726	52
15-08-2023	68.5	28.3	3.7	6.8	1.62	14.4	15.7	0.90	25.4	62	1.3	271	726	69
16-08-2023	75.3	28.4	3.6	9.6	1.87	13.3	16.3	1.05	25.8	63	1.1	260	726	75
17-08-2023	63.5	19.7	3.2	8.1	1.03	12.9	15.9	0.57	25.7	69	1.9	264	726	64
18-08-2023	48.0	18.2	3.6	6.9	0.93	13.6	16.6	0.52	24.3	71	1.9	269	725	48
19-08-2023	30.0	13.2	3.9	10.6	1.41	12.7	14.9	0.79	23.2	78	1.9	267	725	71
20-08-2023	51.8	16.0	4.3	6.4	1.74	12.2	16.4	0.97	24.5	70	2.1	264	725	87
21-08-2023	126.5	34.3	4.5	9.7	1.65	13.4	21.5	0.92	25.6	73	1.1	349	725	118
22-08-2023	105.1	31.3	2.7	3.7	1.34	15.4	15.6	0.75	26.0	70	1.1	261	725	103
23-08-2023	65.1	20.8	5.4	3.9	1.00	14.1	14.8	0.69	26.2	57	1.4	264	725	65
24-08-2023	72.1	25.2	8.9	16.4	0.52	13.7	10.6	0.71	25.8	63	1.6	252	725	72
25-08-2023	59.3	26.7	8.7	17.5	0.58	13.2	6.1	0.31	25.9	58	1.4	253	725	59
26-08-2023	57.6	25.9	8.5	20.5	0.68	13.4	5.4	0.54	26.1	57	1.2	253	726	58
27-08-2023	46.6	21.0	9.0	17.1	0.15	15.7	4.7	0.25	26.1	65	1.6	277	726	47
28-08-2023	53.4	24.0	8.3	9.2	0.24	18.1	11.1	0.44	27.1	54	2.0	273	726	53
29-08-2023	71.6	32.2	8.8	21.4	0.37	11.6	9.2	0.11	26.5	62	1.8	267	725	72
30-08-2023	86.8	39.1	8.3	27.5	0.37	12.5	9.4	0.16	27.1	52	1.8	244	725	87
31-08-2023	77.5	35.0	8.6	28.8	0.45	14.8	10.6	0.31	25.5	68	1.1	236	725	78
Minimum	30.0	13.2	1.2	3.7	0.15	11.6	4.7	0.11	23.2	43	1.1	200	725	*
Maximum	138.1	39.1	13.6	28.8	2.90	19.4	21.5	1.85	27.1	86	2.1	349	736	*
Average	65.0	23.2	6.0	12.2	0.97	14.4	12.8	0.60	25.3	67	1.6	264	728	*

### KAVIKA, Mysore Road-August 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
01-08-2023	43.5	16.3	6.1	5.6	0.21	11.2	2.1	0.01	24.9	27	1.8	269	717	44
02-08-2023	44.8	16.1	6.0	5.7	0.45	11.5	2.1	0.06	24.8	25	1.8	267	717	45
03-08-2023	37.4	10.7	4.8	5.8	0.42	11.6	2.1	0.06	25.0	26	1.8	269	717	37
04-08-2023	42.2	16.1	5.4	5.7	0.45	11.3	2.1	0.06	25.3	41	1.6	267	716	42
05-08-2023	37.4	13.5	5.3	5.6	0.44	11.4	2.1	0.06	25.0	54	1.4	265	717	37
06-08-2023	-	9.9	6.0	5.6	0.47	11.5	2.1	0.06	25.3	53	1.3	267	703	24
07-08-2023	41.0	18.5	5.4	5.7	0.49	11.4	2.1	0.07	25.5	36	1.4	271	712	41
08-08-2023	47.4	34.5	5.5	5.7	0.54	11.6	2.1	0.07	25.2	37	1.3	271	718	58
09-08-2023	61.5	18.4	5.2	5.6	0.70	11.3	2.1	0.10	26.3	43	1.2	269	719	62
10-08-2023	54.9	21.9	5.3	5.7	0.65	11.4	2.1	0.09	26.4	41	1.3	266	720	55
11-08-2023	56.5	22.5	5.1	5.7	0.72	11.3	2.1	0.10	25.8	42	1.2	257	719	57
12-08-2023	19.0	9.2	4.2	5.7	0.23	13.7	2.1	0.17	27.1	43	1.1	247	718	19
13-08-2023	25.4	12.7	5.5	5.7	0.47	11.7	2.1	0.07	22.8	50	1.3	271	718	25
14-08-2023	-	-	5.8	5.7	0.43	11.0	2.1	0.04	25.8	54	1.2	261	718	*
15-08-2023	-	-	6.2	5.7	0.47	11.6	2.1	0.02	26.6	46	1.2	260	719	*
16-08-2023	-	-	5.7	5.6	0.48	11.6	2.1	0.07	26.9	46	1.3	264	719	*
17-08-2023	-	-	5.5	5.6	0.55	11.5	2.1	0.08	26.6	51	1.6	277	719	*
18-08-2023	-	-	6.4	5.7	0.54	11.9	2.1	0.08	25.2	50	1.5	271	718	*
19-08-2023	-	-	6.0	5.7	0.42	11.7	2.1	0.06	23.8	57	1.6	266	717	*
20-08-2023	-	-	5.7	5.6	0.49	11.6	2.1	0.07	25.3	38	1.4	271	717	*
21-08-2023	-	-	5.7	5.6	1.23	11.7	2.1	0.17	26.8	38	1.2	267	717	*
22-08-2023	-	-	4.9	5.7	0.80	11.7	2.1	0.11	27.4	36	1.0	263	716	*
23-08-2023	-	-	5.4	5.6	0.58	11.9	2.1	0.08	27.2	35	1.2	263	717	*
24-08-2023	-	-	6.0	5.6	0.63	11.8	2.1	0.09	25.6	43	1.3	267	717	*
25-08-2023	36.4	14.9	5.0	5.6	0.76	11.7	2.1	0.09	25.0	53	1.2	253	717	38
26-08-2023	71.7	26.4	5.3	5.6	0.43	11.8	2.1	0.06	26.7	53	1.3	255	718	72
27-08-2023	77.1	30.9	4.8	5.7	0.35	11.9	2.1	0.05	26.7	52	1.3	274	719	77
28-08-2023	92.5	36.7	5.3	5.7	0.78	11.8	2.1	0.11	27.1	53	1.4	270	718	93
29-08-2023	46.2	18.9	5.2	6.3	0.72	11.8	2.1	0.09	26.5	54	1.4	274	717	46
30-08-2023	68.8	22.1	5.2	8.6	0.45	12.1	2.1	0.06	27.4	53	1.2	250	717	69
31-08-2023	64.0	24.1	5.3	8.4	0.60	11.6	2.1	0.08	26.2	56	1.1	223	717	64
Minimum	19.0	9.2	4.2	5.6	0.21	11.0	2.1	0.01	22.8	25	1.0	223	703	*
Maximum	92.5	36.7	6.4	8.6	1.23	13.7	2.1	0.17	27.4	57	1.8	277	720	*
Average	50.9	19.7	5.5	5.9	0.58	11.7	2.1	0.08	25.9	45	1.4	264	717	*

**NIMHANS-August 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
01-08-2023	31.2	12.8	3.4	21.3	0.07	6.7	1.6	0.07	24.0	71	3.0	275	712	31
02-08-2023	37.1	14.8	3.8	21.4	0.34	7.5	1.6	0.12	23.9	69	3.1	274	712	37
03-08-2023	29.5	12.3	3.5	21.3	0.37	7.6	1.7	0.07	24.1	69	3.0	275	712	30
04-08-2023	29.0	11.7	2.9	20.8	0.59	20.9	1.5	0.09	24.5	69	2.6	272	713	29
05-08-2023	26.4	10.8	3.7	21.9	0.94	6.8	1.6	0.13	23.8	74	2.3	271	715	38
06-08-2023	24.2	9.7	3.5	22.2	0.35	13.8	1.5	0.08	24.4	74	2.1	275	714	24
07-08-2023	32.2	12.8	3.0	22.3	0.24	19.8	1.5	0.09	24.6	70	2.3	276	712	32
08-08-2023	29.3	11.8	3.3	23.0	0.25	17.1	1.5	0.08	24.1	72	2.0	277	712	29
09-08-2023	39.1	15.7	3.7	24.1	0.25	20.4	1.5	0.11	25.1	68	1.7	266	714	39
10-08-2023	44.4	17.8	3.5	24.7	0.25	20.7	1.5	0.10	25.3	68	1.7	270	714	44
11-08-2023	49.3	19.8	3.7	29.3	0.26	15.7	1.3	0.14	25.5	68	1.3	243	713	49
12-08-2023	50.6	20.2	3.2	27.6	0.25	18.0	1.5	0.13	25.1	69	1.8	266	713	51
13-08-2023	42.3	16.8	3.7	27.1	0.24	22.8	1.5	0.08	26.3	63	1.8	270	712	42
14-08-2023	41.0	16.5	3.8	27.2	0.25	19.1	1.4	0.10	25.1	66	1.7	271	713	41
15-08-2023	53.0	21.1	3.4	28.0	0.24	21.8	1.4	0.10	25.6	61	1.6	263	713	53
16-08-2023	55.8	22.3	3.3	27.6	0.24	22.1	1.4	0.10	25.9	63	1.9	263	713	56
17-08-2023	37.5	15.0	3.2	24.7	0.25	21.1	1.5	0.08	25.6	67	2.5	277	713	38
18-08-2023	31.3	12.6	3.8	25.1	0.26	16.7	1.5	0.09	24.3	70	2.4	276	712	31
19-08-2023	18.0	7.3	3.1	24.5	0.24	14.6	1.5	0.13	23.0	76	2.4	269	711	31
20-08-2023	28.5	11.3	3.5	25.6	0.26	19.0	1.6	0.07	24.3	71	2.1	274	711	32
21-08-2023	59.5	23.7	3.9	28.1	0.26	18.5	1.5	0.13	25.2	67	1.7	254	711	60
22-08-2023	53.5	21.3	3.4	30.9	0.26	21.6	1.5	0.20	25.3	70	1.3	245	711	54
23-08-2023	44.1	17.6	3.6	28.0	0.25	18.2	1.5	0.10	26.0	63	1.7	266	711	44
24-08-2023	45.3	18.1	3.3	28.5	0.27	18.4	1.5	0.11	25.5	62	1.7	272	711	45
25-08-2023	40.9	16.3	3.2	29.0	0.24	21.9	1.4	0.11	25.8	60	1.7	262	711	41
26-08-2023	30.4	12.1	3.5	28.0	0.24	19.9	1.4	0.10	26.1	66	1.8	266	712	35
27-08-2023	20.0	8.0	3.1	25.9	0.26	16.2	1.5	0.09	26.0	65	1.9	279	713	32
28-08-2023	29.1	11.7	3.4	26.6	0.27	17.2	1.4	0.09	26.8	59	2.0	277	712	33
29-08-2023	30.3	12.1	3.1	28.0	0.27	16.9	1.4	0.11	26.0	61	1.8	274	712	35
30-08-2023	30.4	12.2	3.4	29.6	0.25	17.3	1.4	0.09	26.6	60	1.7	258	712	37
31-08-2023	38.7	15.5	3.5	33.6	0.25	21.1	1.4	0.14	25.0	73	1.2	217	712	42
Minimum	18.0	7.3	2.9	20.8	0.07	6.7	1.3	0.07	23.0	59	1.2	217	711	*
Maximum	59.5	23.7	3.9	33.6	0.94	22.8	1.7	0.20	26.8	76	3.1	279	715	*
Average	37.1	14.9	3.4	26.0	0.29	17.4	1.5	0.10	25.1	67	2.0	267	712	*



### H.S.R Layout, Near Central Silkboard-August 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
01-08-2023	112.0	18.0	6.3	19.4	1.38	15.0	20.6	0.38	26.0	69	2.1	243	687	108
02-08-2023	118.1	20.0	4.8	19.4	1.36	16.0	20.4	0.30	25.9	66	2.2	241	687	112
03-08-2023	108.7	18.0	4.6	20.5	1.44	15.2	20.2	0.28	26.0	66	2.1	244	687	106
04-08-2023	87.9	17.2	5.4	18.6	1.29	18.6	16.2	0.33	26.4	66	1.9	236	688	88
05-08-2023	79.7	17.9	6.0	14.0	1.36	6.3	4.6	0.37	26.1	70	1.8	238	689	80
06-08-2023	70.9	20.2	9.1	13.1	1.34	4.5	4.8	0.55	26.4	70	1.6	242	688	71
07-08-2023	98.1	17.5	8.6	14.4	1.46	8.9	10.4	0.52	25.3	66	1.8	248	687	98
08-08-2023	98.7	24.0	3.9	16.8	1.42	19.3	14.8	0.24	23.9	68	1.7	249	687	99
09-08-2023	123.4	22.3	7.5	18.6	1.42	14.2	17.5	0.46	25.3	64	1.7	255	688	115
10-08-2023	114.0	21.2	4.5	17.7	1.33	15.0	15.5	0.27	25.2	64	1.7	255	689	109
11-08-2023	125.8	25.4	5.5	19.0	1.43	14.8	15.5	0.34	25.3	64	1.3	224	688	117
12-08-2023	111.5	25.7	5.1	18.0	1.37	14.2	17.6	0.31	24.9	67	1.7	243	688	108
13-08-2023	106.8	19.0	1.6	17.0	1.32	15.4	20.1	0.09	24.8	64	1.7	249	688	105
14-08-2023	103.5	47.8	5.0	18.6	1.43	14.9	19.5	0.31	24.6	64	1.4	235	688	102
15-08-2023	95.4	38.2	6.0	18.3	1.41	18.4	21.7	0.37	25.0	59	1.5	230	688	95
16-08-2023	112.0	44.8	4.6	19.8	1.48	17.3	23.9	0.28	25.4	58	1.6	236	688	108
17-08-2023	113.6	45.5	5.6	19.7	1.45	15.2	25.9	0.34	25.2	62	2.0	248	688	109
18-08-2023	97.2	39.0	5.0	19.8	1.48	13.9	25.2	0.30	23.7	66	1.9	245	687	97
19-08-2023	73.0	29.3	4.3	17.8	1.41	14.1	23.2	0.27	22.7	72	1.9	234	687	73
20-08-2023	80.1	32.1	5.6	18.9	1.39	14.5	25.1	0.34	23.9	66	1.9	254	686	80
21-08-2023	151.9	60.8	4.5	23.7	1.68	14.0	30.7	0.28	24.9	62	1.6	230	686	135
22-08-2023	128.6	51.5	3.1	26.9	1.72	16.1	28.5	0.19	25.5	62	1.3	232	686	119
23-08-2023	104.4	41.8	5.8	23.0	1.49	13.5	31.5	0.35	25.6	58	1.6	240	687	103
24-08-2023	113.9	45.6	3.8	23.4	1.50	12.9	30.7	0.23	25.2	58	1.6	246	687	109
25-08-2023	91.1	36.4	3.2	20.9	1.40	15.4	31.5	0.19	25.4	57	1.5	229	687	91
26-08-2023	85.0	34.0	8.8	21.2	1.45	16.8	32.5	0.54	25.8	61	1.6	249	687	85
27-08-2023	70.7	28.3	8.6	20.6	1.37	14.5	30.7	0.52	25.5	62	1.7	253	688	71
28-08-2023	99.5	39.8	7.3	22.4	1.49	14.2	32.8	0.44	26.4	57	1.7	245	687	100
29-08-2023	98.2	39.4	7.6	23.0	1.42	13.5	33.4	0.47	25.8	59	1.8	262	687	98
30-08-2023	96.6	38.5	6.5	23.6	1.49	13.4	34.1	0.40	26.4	57	1.6	237	687	97
31-08-2023	89.5	35.8	6.7	24.0	1.41	15.6	28.6	0.41	24.5	70	1.3	198	687	90
Minimum	70.7	17.2	1.6	13.1	1.29	4.5	4.6	0.09	22.7	57	1.3	198	686	*
Maximum	151.9	60.8	9.1	26.9	1.72	19.3	34.1	0.55	26.4	72	2.2	262	689	*
Average	101.9	32.1	5.6	19.7	1.43	14.4	22.8	0.34	25.3	64	1.7	241	687	*

## R.V.Engineering College, Kengeri-August 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
01-08-2023	62.6	28.5	6.3	26.0	0.74	22.8	13.7	0.17	24.4	71	0.8	221	906	142.2	63
02-08-2023	71.6	31.7	6.1	25.8	0.82	23.9	13.8	0.26	24.7	68	0.9	213	909	177.5	72
03-08-2023	73.0	35.8	5.6	25.7	0.78	22.4	13.9	0.23	24.6	70	0.8	214	908	154.9	73
04-08-2023	117.9	60.5	5.1	26.0	0.66	23.9	13.1	0.31	25.1	69	0.8	206	908	191.3	112
05-08-2023	100.5	49.7	4.4	25.8	0.74	24.3	14.2	0.29	24.7	76	0.7	218	907	146.4	100
06-08-2023	74.2	37.9	4.0	26.1	0.68	23.1	14.4	0.31	23.8	74	0.6	189	869	141.5	74
07-08-2023	67.7	33.8	4.4	26.1	0.75	22.3	14.1	0.33	21.8	71	0.7	210	870	134.9	68
08-08-2023	73.5	39.3	3.9	25.9	0.66	23.5	14.0	0.28	24.5	75	0.7	212	906	159.5	74
09-08-2023	65.6	35.6	5.1	26.2	0.74	24.8	13.8	1.00	25.9	69	0.7	224	908	212.0	66
10-08-2023	62.7	35.7	6.2	25.8	0.67	34.4	14.0	1.26	24.3	71	0.7	217	870	177.1	63
11-08-2023	97.3	57.6	5.8	25.8	0.83	42.7	13.9	2.50	26.1	68	0.8	227	909	172.3	97
12-08-2023	69.6	32.7	5.5	26.0	0.72	46.4	13.9	2.50	25.1	73	0.8	208	907	145.7	70
13-08-2023	67.0	31.6	5.1	26.0	0.63	40.0	13.8	2.50	24.9	73	0.7	200	907	198.9	67
14-08-2023	65.7	26.8	3.4	25.7	0.68	28.5	13.8	1.27	22.0	67	0.6	195	870	156.4	66
15-08-2023	59.5	24.7	4.3	25.7	0.65	21.5	13.8	0.34	25.9	62	0.7	207	909	229.5	60
16-08-2023	53.0	24.0	5.7	25.6	0.78	25.1	13.8	0.51	22.7	60	0.7	222	870	173.6	53
17-08-2023	79.3	39.5	5.9	25.4	0.79	21.6	13.4	0.23	26.0	64	0.9	233	909	195.0	79
18-08-2023	70.6	33.7	6.2	25.6	0.69	26.9	13.8	0.26	24.1	73	0.7	213	906	106.8	71
19-08-2023	75.2	34.2	5.9	24.0	0.64	25.7	13.8	0.22	20.0	76	0.7	205	867	80.0	75
20-08-2023	49.2	20.2	5.4	25.9	0.83	21.6	13.2	0.30	25.3	69	0.8	222	908	163.0	49
21-08-2023	73.0	33.0	35.5	25.7	1.00	24.6	13.3	1.23	24.7	65	0.8	231	908	196.4	73
22-08-2023	68.0	33.7	5.7	25.1	0.73	21.5	13.4	0.66	26.5	64	0.6	229	910	164.9	68
23-08-2023	56.6	34.2	5.9	25.9	0.82	21.7	13.4	0.54	26.4	62	0.7	205	910	175.4	57
24-08-2023	61.1	32.0	5.9	25.7	0.78	21.4	13.8	0.72	25.7	63	0.7	221	908	167.9	61
25-08-2023	49.7	28.1	6.1	23.5	0.76	21.7	13.8	0.50	26.2	60	0.6	206	908	191.2	50
26-08-2023	45.9	26.3	6.1	23.4	0.70	21.9	13.8	0.55	26.4	68	0.7	219	908	167.0	46
27-08-2023	49.5	23.9	6.0	26.1	0.70	21.6	13.8	0.44	26.1	68	0.7	207	908	161.2	50
28-08-2023	43.9	20.5	5.6	25.8	0.63	21.5	13.8	0.33	27.4	57	0.7	233	910	206.7	44
29-08-2023	54.4	24.7	5.8	23.5	0.68	21.7	15.4	0.54	26.6	62	0.8	250	901	241.9	54
30-08-2023	40.5	17.6	4.4	16.6	0.49	19.4	21.0	0.59	23.7	77	0.8	276	874	207.0	41
31-08-2023	43.2	17.6	5.3	14.9	0.43	18.8	15.0	0.29	22.7	82	0.4	229	876	126.8	43
Minimum	40.5	17.6	3.4	14.9	0.4	18.8	13.1	0.2	20.0	57	0.4	189	867	80.0	*
Maximum	117.9	60.5	35.5	26.2	1.0	46.4	21.0	2.5	27.4	82	0.9	276	910	241.9	*
Average	65.8	32.4	6.3	24.9	0.7	25.2	14.1	0.7	24.8	69	0.7	218	898	169.8	*

### Jigani Industrial Area, Anekal-August 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
01-08-2023	22.2	8.5	2.8	2.7	0.13	10.3	6.8	0.17	21.2	45	0.2	194.5	871.2	86.8	22
02-08-2023	14.4	7.4	1.8	3.6	0.16	2.0	6.5	0.00	21.2	57	0.2	204.4	871.3	97.3	14
03-08-2023	15.0	6.2	3.6	2.5	0.17	2.0	5.7	0.00	21.5	60	0.1	191.1	870.2	93.0	15
04-08-2023	6.9	3.9	4.1	1.8	0.15	13.1	5.0	0.14	21.2	69	0.1	218.9	870.5	103.5	13
05-08-2023	10.2	3.5	3.9	2.8	0.14	8.9	6.2	0.00	21.3	73	0.2	191.8	870.8	104.2	10
06-08-2023	6.1	3.5	4.0	2.3	0.01	9.1	5.7	0.00	21.0	68	0.1	193.7	870.2	110.1	9
07-08-2023	7.6	2.9	3.6	2.2	0.11	9.5	5.7	0.00	21.1	77	0.2	189.7	870.3	100.8	10
08-08-2023	10.2	6.2	3.7	3.2	0.12	8.4	6.1	0.00	20.8	87	0.1	191.6	870.5	108.4	10
09-08-2023	9.3	5.8	3.8	2.5	0.15	10.2	5.0	0.00	20.4	85	0.0	190.8	869.6	99.3	10
10-08-2023	7.1	8.0	4.1	2.2	0.08	11.5	5.2	0.00	20.6	71	0.1	195.1	869.9	101.4	12
11-08-2023	18.7	8.2	3.9	3.7	0.19	8.6	6.9	0.00	20.8	63	0.1	195.3	870.1	100.4	19
12-08-2023	20.8	7.7	3.4	4.3	0.14	7.2	7.5	0.00	20.7	65	0.1	195.2	869.7	93.2	21
13-08-2023	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.00	20.8	57	0.0	0.0	0.0	0.0	*
14-08-2023	13.8	5.8	4.2	2.2	0.18	13.6	5.6	0.00	21.0	65	0.1	214.9	870.1	103.0	14
15-08-2023	24.2	9.9	3.6	2.6	0.15	12.9	5.7	0.00	20.9	62	0.1	200.2	870.5	104.4	24
16-08-2023	16.7	7.3	4.1	2.4	0.20	6.9	5.8	0.00	20.5	60	0.1	184.6	870.5	98.1	17
17-08-2023	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.00	20.5	0	0.0	0.0	0.0	0.0	*
18-08-2023	22.3	11.8	3.4	2.7	0.15	7.1	5.8	0.00	20.7	63	0.0	182.5	869.5	105.9	22
19-08-2023	20.6	9.1	4.1	2.1	0.18	7.2	6.0	0.00	20.7	52	0.0	6.7	869.5	102.9	21
20-08-2023	14.7	7.2	3.8	2.0	0.18	6.0	5.3	0.00	21.3	63	0.1	185.3	870.4	99.5	15
21-08-2023	16.6	8.7	4.0	2.2	0.18	1.9	5.7	0.00	21.2	72	0.1	223.7	870.6	89.4	17
22-08-2023	21.7	6.3	3.5	2.0	0.00	6.9	5.4	0.00	21.0	59	0.1	240.0	870.9	93.1	22
23-08-2023	15.3	5.7	3.9	1.9	0.16	7.7	5.4	0.00	20.8	61	0.1	240.9	871.3	95.9	15
24-08-2023	13.2	6.3	3.8	1.6	0.04	9.1	4.8	0.00	21.0	66	0.1	205.0	870.6	80.9	13
25-08-2023	14.4	9.0	3.7	2.7	0.11	12.1	6.1	0.00	20.7	58	0.1	177.2	871.0	90.4	15
26-08-2023	11.8	4.9	3.2	2.2	0.13	15.7	5.2	0.00	20.5	51	0.1	170.2	871.0	100.4	16
27-08-2023	8.8	5.0	3.7	2.5	0.08	16.1	5.9	0.00	20.5	58	0.1	190.3	870.9	91.3	16
28-08-2023	19.6	7.4	3.6	2.8	0.18	13.7	5.7	0.00	20.8	56	0.1	188.8	871.0	93.6	20
29-08-2023	0.0	0.0	0.0	2.2	0.00	0.0	0.0	0.00	0.0	0	0.0	0.0	0.0	0.0	*
30-08-2023	20.4	8.9	3.8	3.8	0.18	13.6	7.5	0.00	21.2	53	0.2	219.3	871.1	92.8	20
31-08-2023	25.8	7.4	4.3	1.6	0.14	10.9	4.8	0.00	21.1	69	0.1	193.1	870.8	95.3	26
<b>Minimum</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>*</b>
<b>Maximum</b>	<b>25.8</b>	<b>11.8</b>	<b>4.3</b>	<b>4.3</b>	<b>0.2</b>	<b>16.1</b>	<b>7.5</b>	<b>0.2</b>	<b>21.5</b>	<b>87</b>	<b>0.2</b>	<b>240.9</b>	<b>871.3</b>	<b>110.1</b>	<b>*</b>
<b>Average</b>	<b>13.8</b>	<b>6.2</b>	<b>3.3</b>	<b>2.4</b>	<b>0.1</b>	<b>8.5</b>	<b>5.3</b>	<b>0.0</b>	<b>20.2</b>	<b>60</b>	<b>0.1</b>	<b>173.4</b>	<b>786.3</b>	<b>88.2</b>	<b>*</b>

### Kasturinagar RTO-August 2023

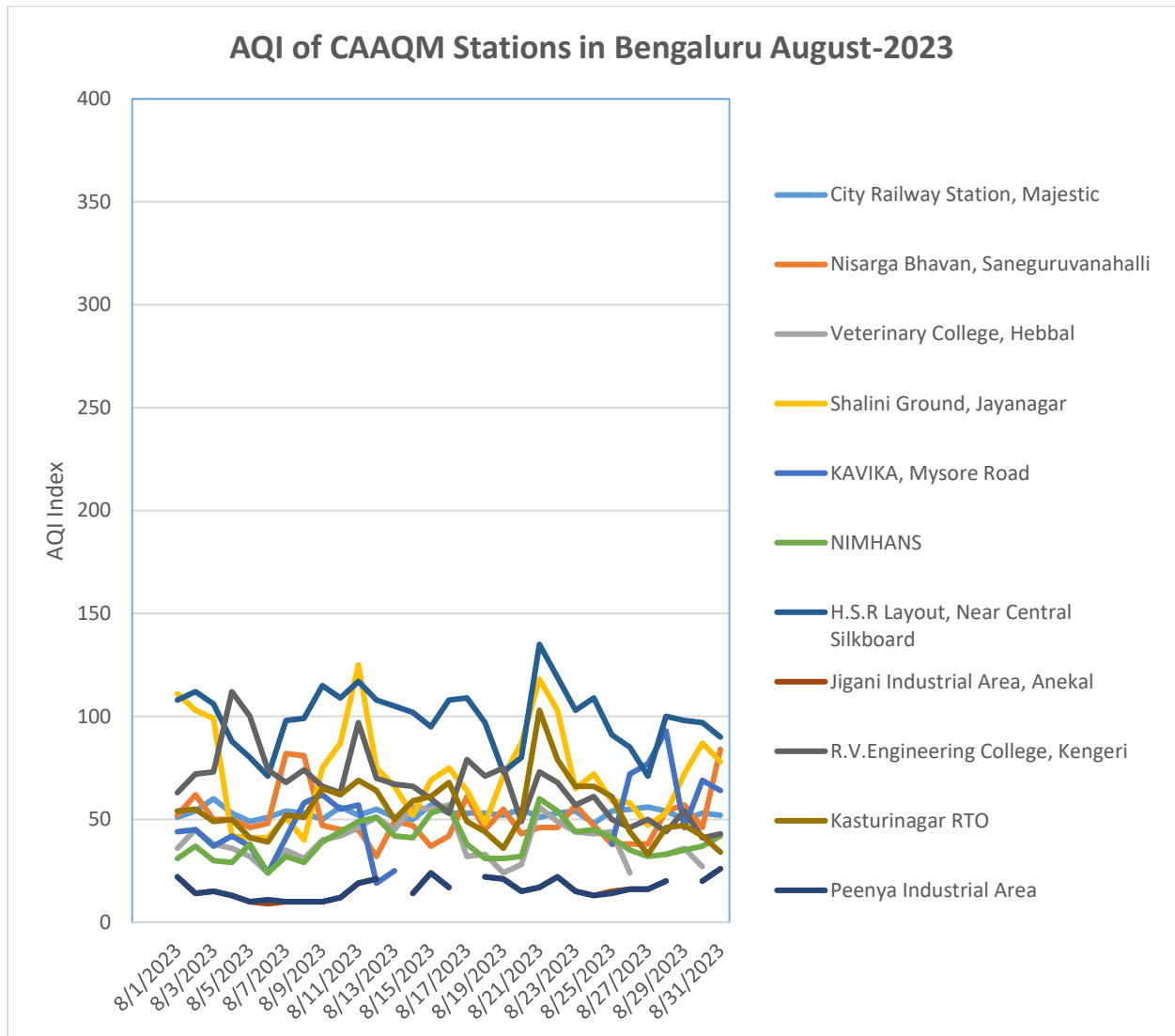
Date	PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	Temp °C	RH %	WS m/s	WD Degree	BP mb	SR W/m <sup>2</sup>	AQI
01-08-2023	53.9	26.1	5.4	9.5	0.37	20.8	7.0	1.38	24.0	72	2.3	256	903	207.8	54
02-08-2023	55.4	26.9	5.4	10.9	0.36	23.6	7.0	1.40	24.2	69	2.3	253	904	233.4	55
03-08-2023	48.8	23.7	5.4	14.6	0.37	20.2	7.0	1.27	24.2	70	2.1	241	905	209.2	49
04-08-2023	49.5	24.0	5.4	11.4	0.37	18.6	7.0	1.19	24.2	73	1.9	265	909	205.5	50
05-08-2023	41.4	20.1	5.4	12.4	0.37	19.3	7.0	1.12	24.3	75	1.8	221	908	196.7	41
06-08-2023	39.4	19.1	5.4	11.9	0.37	17.7	7.0	1.02	23.8	79	1.7	272	910	195.5	39
07-08-2023	51.9	25.2	5.4	11.9	0.37	15.4	7.0	1.04	24.4	72	1.7	281	907	223.9	52
08-08-2023	51.3	24.9	5.4	14.0	0.37	16.2	7.0	0.97	24.1	75	1.6	277	908	198.7	51
09-08-2023	64.6	31.3	5.4	17.1	0.37	17.0	7.0	0.90	25.5	67	1.5	299	908	242.1	65
10-08-2023	62.4	30.3	5.4	16.0	0.37	17.5	7.0	0.92	25.2	70	1.5	294	910	204.3	62
11-08-2023	68.5	33.2	5.4	13.7	0.36	18.6	7.4	0.90	25.4	70	1.5	258	908	192.2	69
12-08-2023	63.9	31.0	5.4	15.0	0.37	18.5	7.1	1.01	25.2	69	1.7	292	907	215.8	64
13-08-2023	49.9	24.2	5.4	15.0	0.37	23.8	7.0	0.95	24.9	69	1.6	288	908	234.6	50
14-08-2023	58.9	28.5	5.4	12.3	0.36	22.6	7.0	0.95	25.4	64	1.6	280	907	244.6	59
15-08-2023	61.4	29.8	5.4	12.4	0.37	30.3	7.0	0.97	25.6	60	1.6	260	911	267.0	61
16-08-2023	68.2	33.1	5.4	12.2	0.37	26.1	7.0	1.01	26.1	61	1.7	262	909	262.7	68
17-08-2023	48.8	23.7	5.4	12.5	0.37	22.3	7.0	1.21	25.5	64	2.0	266	907	259.0	49
18-08-2023	44.0	21.3	5.4	12.4	0.37	20.3	7.3	1.25	24.3	69	2.1	257	902	209.0	44
19-08-2023	36.3	17.6	5.4	12.3	0.37	16.1	7.6	1.24	22.8	80	2.0	237	905	175.8	36
20-08-2023	51.0	24.7	5.4	14.2	0.37	20.1	7.6	0.99	24.6	70	1.6	269	906	213.4	51
21-08-2023	104.0	50.4	5.4	16.0	0.36	20.6	7.6	0.82	25.6	64	1.4	265	905	246.3	103
22-08-2023	78.9	38.2	5.4	15.8	0.37	26.9	7.6	0.84	25.9	66	1.4	271	906	212.1	79
23-08-2023	66.4	32.2	5.4	15.7	0.37	20.6	7.6	0.95	25.9	62	1.6	257	905	221.6	66
24-08-2023	65.6	31.8	5.4	16.8	0.37	22.6	7.6	0.95	25.3	62	1.6	264	908	230.0	66
25-08-2023	61.1	29.6	5.4	15.2	0.36	23.7	7.2	1.02	26.0	58	1.7	245	904	247.4	61
26-08-2023	43.6	21.1	5.4	16.4	0.37	24.7	7.0	0.93	26.3	65	1.5	286	907	225.3	44
27-08-2023	33.2	16.1	5.4	15.9	0.36	21.5	7.0	0.97	26.2	62	1.6	276	911	203.3	33
28-08-2023	45.7	22.2	5.4	16.5	0.37	22.3	7.0	0.96	26.9	55	1.6	290	908	226.0	46
29-08-2023	46.7	22.7	5.4	15.9	0.37	17.8	7.0	0.96	26.3	60	1.6	293	907	255.8	47
30-08-2023	42.0	20.4	5.4	15.3	0.36	27.0	7.0	0.99	26.8	59	1.6	285	907	254.4	42
31-08-2023	34.3	16.7	5.4	15.7	0.36	21.4	7.0	0.97	26.4	65	1.5	286	907	225.2	34
<b>Minimum</b>	<b>33.2</b>	<b>16.1</b>	<b>5.4</b>	<b>9.5</b>	<b>0.4</b>	<b>15.4</b>	<b>7.0</b>	<b>0.8</b>	<b>22.8</b>	<b>55</b>	<b>1.4</b>	<b>221</b>	<b>902</b>	<b>175.8</b>	<b>*</b>
<b>Maximum</b>	<b>104.0</b>	<b>50.4</b>	<b>5.4</b>	<b>17.1</b>	<b>0.4</b>	<b>30.3</b>	<b>7.6</b>	<b>1.4</b>	<b>26.9</b>	<b>80</b>	<b>2.3</b>	<b>299</b>	<b>911</b>	<b>267.0</b>	<b>*</b>
<b>Average</b>	<b>54.6</b>	<b>26.5</b>	<b>5.4</b>	<b>14.1</b>	<b>0.4</b>	<b>21.1</b>	<b>7.1</b>	<b>1.0</b>	<b>25.2</b>	<b>67</b>	<b>1.7</b>	<b>269</b>	<b>907</b>	<b>223.8</b>	<b>*</b>

### Peenya Industrial Area, Peenya-August 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
01-08-2023	22.2	8.5	2.8	2.7	0.13	10.3	6.8	0.17	21.2	45	0.2	194	871	86.8	22
02-08-2023	14.4	7.4	1.8	3.6	0.16	2.0	6.5	0.00	21.2	57	0.2	204	871	97.3	14
03-08-2023	15.0	6.2	3.6	2.5	0.17	2.0	5.7	0.00	21.5	60	0.1	191	870	93.0	15
04-08-2023	6.9	3.9	4.1	1.8	0.15	13.1	5.0	0.14	21.2	69	0.1	219	871	103.5	13
05-08-2023	10.2	3.5	3.9	2.8	0.14	8.9	6.2	0.00	21.3	73	0.2	192	871	104.2	10
06-08-2023	6.1	3.5	4.0	2.3	0.21	9.1	5.7	0.00	21.0	68	0.1	194	870	110.1	11
07-08-2023	7.6	2.9	3.6	2.2	0.11	9.5	5.7	0.00	21.1	77	0.2	190	870	100.8	10
08-08-2023	10.2	6.2	3.7	3.2	0.12	8.4	6.1	0.00	20.8	87	0.1	192	871	108.4	10
09-08-2023	9.3	5.8	3.8	2.5	0.15	10.2	5.0	0.00	20.4	85	0.0	191	870	99.3	10
10-08-2023	7.1	8.0	4.1	2.2	0.08	11.5	5.2	0.00	20.6	71	0.1	195	870	101.4	12
11-08-2023	18.7	8.2	3.9	3.7	0.19	8.6	6.9	0.00	20.8	63	0.1	195	870	100.4	19
12-08-2023	20.8	7.7	3.4	4.3	0.14	7.2	7.5	0.00	20.7	65	0.1	195	870	93.2	21
13-08-2023	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.00	20.8	57	0.0	0	0	0.0	*
14-08-2023	13.8	5.8	4.2	2.2	0.18	13.6	5.6	0.00	21.0	65	0.1	215	870	103.0	14
15-08-2023	24.2	9.9	3.6	2.6	0.15	12.9	5.7	0.00	20.9	62	0.1	200	871	104.4	24
16-08-2023	16.7	7.3	4.1	2.4	0.20	6.9	5.8	0.00	20.5	60	0.1	185	871	98.1	17
17-08-2023	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.00	20.5	0	0.0	0	0	0.0	*
18-08-2023	22.3	11.8	3.4	2.7	0.15	7.1	5.8	0.00	20.7	63	0.0	182	870	105.9	22
19-08-2023	20.6	9.1	4.1	2.1	0.18	7.2	6.0	0.00	20.7	52	0.0	7	870	102.9	21
20-08-2023	14.7	7.2	3.8	2.0	0.18	6.0	5.3	0.00	21.3	63	0.1	185	870	99.5	15
21-08-2023	16.6	8.7	4.0	2.2	0.18	1.9	5.7	0.00	21.2	72	0.1	224	871	89.4	17
22-08-2023	21.7	6.3	3.5	2.0	0.00	6.9	5.4	0.00	21.0	59	0.1	240	871	93.1	22
23-08-2023	15.3	5.7	3.9	1.9	0.16	7.7	5.4	0.00	20.8	61	0.1	241	871	95.9	15
24-08-2023	13.2	6.3	3.8	1.6	0.04	9.1	4.8	0.00	21.0	66	0.1	205	871	80.9	13
25-08-2023	14.4	9.0	3.7	2.7	0.11	12.1	6.1	0.00	20.7	58	0.1	177	871	90.4	14
26-08-2023	11.8	4.9	3.2	2.2	0.13	15.7	5.2	0.00	20.5	51	0.1	170	871	100.4	16
27-08-2023	8.8	5.0	3.7	2.5	0.08	16.1	5.9	0.00	20.5	58	0.1	190	871	91.3	16
28-08-2023	19.6	7.4	3.6	2.8	0.18	13.7	5.7	0.00	20.8	56	0.1	189	871	93.6	20
29-08-2023	0.0	0.0	0.0	2.2	0.00	0.0	0.0	0.00	0.0	0	0.0	0	0	0.0	*
30-08-2023	20.4	8.9	3.8	3.8	0.18	13.6	7.5	0.00	21.2	53	0.2	219	871	92.8	20
31-08-2023	25.8	7.4	4.3	1.6	0.14	10.9	4.8	0.00	21.1	69	0.1	193	871	95.3	26
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0	0.0	*
Maximum	25.8	11.8	4.3	4.3	0.2	16.1	7.5	0.2	21.5	87	0.2	241	871	110.1	*
Average	13.8	6.2	3.3	2.4	0.1	8.5	5.3	0.0	20.2	60	0.1	173	786	88.2	*

### 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-2023 reveals that the Air quality is Good and Satisfactory. Even though in some places it has reached Moderate, the AQI values has not crossed 135 as depicted in the above graph. In other words, the AQI observed during the month August-2023 are having more number of Good and Satisfactory days in over the number of days monitored.*

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