



KARNATAKA STATE POLLUTION CONTROL BOARD
No.49, Parisara Bhavan, Church Street, Bengaluru-560 001.

Air Quality Monitoring Cell

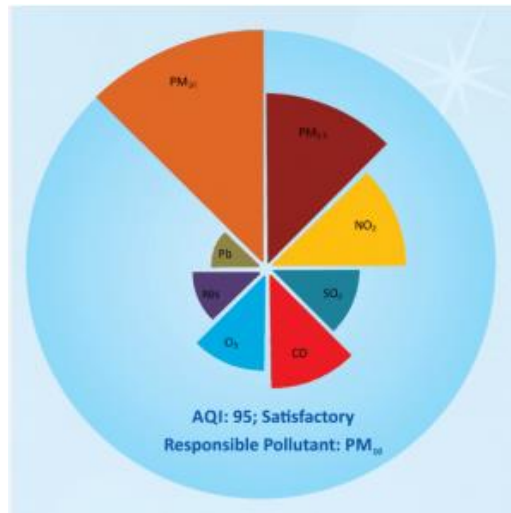
Air Quality Index of CAAQM Stations monitored in Bengaluru city-October-2023.

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 (PM₁₀, PM_{2.5}, NO₂, SO₂, CO, O₃, NH₃, 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_{2.5} will be 51 at concentration 31 µg/m³, 100 at concentration 60 µg/m³, and 75 at concentration of 45(µg/m³). 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 October-2023 is as shown below:

Daily AQI Values of Bengaluru (October-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
01-10-2023	77	38	18	27	26	32	66	40	64	36	32
02-10-2023	84	42	43	73	72	58	101	69	76	76	84
03-10-2023	80	53	84	104	102	71	127	85	86	96	98
04-10-2023	80	33	75	107	109	72	127	82	69	99	87
05-10-2023	80	48	70	117	106	72	113	91	59	99	86
06-10-2023	74	57	80	125	112	78	118	88	66	110	50
07-10-2023	79	53	87	140	110	85	112	87	59	112	30
08-10-2023	79	38	72	105	82	61	76	81	42	94	61
09-10-2023	79	48	53	71	61	49	76	81	42	72	77
10-10-2023	81	50	66	79	75	53	89	76	43	89	85
11-10-2023	79	73	65	79	86	54	104	59	71	104	106
12-10-2023	82	59	92	121	111	80	115	120	48	104	115
13-10-2023	80	44	82	148	138	83	122	54	51	86	91
14-09-2023	83	37	81	139	111	79	118	55	51	92	95
15-10-2023	80	41	62	83	67	59	78	41	43	75	82
16-10-2023	78	38	77	73	93	66	76	63	37	102	103
17-10-2023	82	44	71	172	102	77	80	108	57	104	71
18-10-2023	82	50	92	161	116	83	108	105	51	85	81
19-10-2023	80	47	104	174	152	101	131	164	60	118	94
20-10-2023	82	39	141	170	168	98	112	101	55	93	85
21-10-2023	76	35	102	148	159	87	100	102	52	78	66
22-10-2023	83	33	78	90	135	84	101	69	52	122	69
23-10-2023	77	33	83	83	140	88	140	47	62	123	77
24-10-2023	73	33	69	76	137	73	122	53	51	114	78
25-10-2023	72	41	79	102	129	80	143	105	54	115	67
26-10-2023	81	42	89	112	150	91	130	104	52	112	75
27-10-2023	75	37	97	58	113	93	104	101	45	92	73
28-10-2023	76	36	63	38	79	54	68	76	43	65	54
29-10-2023	75	36	55	40	79	53	53	68	40	53	50
30-10-2023	80	38	54	37	68	48	51	73	42	60	52
31-10-2023	70	42	102	123	139	97	105	102	48	99	76
Min	70	33	18	27	26	32	51	40	37	36	30
Max	84	73	141	174	168	101	143	164	86	123	115

* 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-October 2023					
Date	PM₁₀ µg/m³	SO₂ µg/m³	NO₂ µg/m³	CO mg/m³	AQI
01-10-2023	76.9	21.3	35.7	0.96	77
02-10-2023	84.4	21.2	35.7	0.95	84
03-10-2023	79.8	21.3	33.9	0.93	80
04-10-2023	80.4	21.2	32.5	0.94	80
05-10-2023	80.3	21.3	26.7	0.86	80
06-10-2023	74.2	21.3	23.6	1.04	74
07-10-2023	79.1	21.3	23.4	0.86	79
08-10-2023	79.3	21.4	23.3	0.88	79
09-10-2023	79.3	21.2	22.9	1.00	79
10-10-2023	81.0	21.4	23.0	1.01	81
11-10-2023	79.3	21.3	23.0	1.13	79
12-10-2023	82.3	21.3	22.9	0.95	82
13-10-2023	80.2	21.3	22.6	0.94	80
14-09-2023	82.9	21.4	22.4	0.95	83
15-10-2023	80.3	21.3	22.3	0.88	80
16-10-2023	77.5	21.3	22.2	1.00	78
17-10-2023	81.7	21.3	26.3	0.96	82
18-10-2023	81.5	21.2	27.3	1.06	82
19-10-2023	80.0	21.3	24.0	1.03	80
20-10-2023	81.5	21.4	22.2	1.09	82
21-10-2023	76.2	19.7	23.5	0.92	76
22-10-2023	83.1	20.3	32.2	1.07	83
23-10-2023	77.0	20.3	34.3	1.02	77
24-10-2023	72.7	20.3	35.3	1.03	73
25-10-2023	72.1	20.4	31.3	1.13	72
26-10-2023	80.8	20.3	30.4	1.14	81
27-10-2023	74.9	20.3	30.0	1.09	75
28-10-2023	75.8	20.3	34.5	1.03	76
29-10-2023	75.2	20.4	36.8	1.03	75
30-10-2023	79.8	16.0	27.0	0.97	80
31-10-2023	70.3	14.3	24.2	0.99	70
Minimum	70.3	14.3	22.2	0.86	*
Maximum	84.4	21.4	36.8	1.14	*
Average	78.7	20.6	27.6	0.99	*

Nisarga Bhavan, Saneguruvanahalli- October 2023

Date	PM ₁₀ µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	Temp °C	HR %	WS m/s	WD degree	SR W/m ²	AQI
01-10-2023	38.2	3.8	17.3	0.51	26.1	79	0.90	32	76	38
02-10-2023	42.1	3.8	19.5	0.58	26.1	79	1.19	38	78	42
03-10-2023	52.8	3.8	20.4	0.61	24.2	76	1.35	25	468	53
04-10-2023	33.2	3.8	23.6	0.66	24.2	53	1.10	76	711	33
05-10-2023	48.0	3.8	22.7	0.52	26.4	59	0.95	91	593	48
06-10-2023	56.9	3.8	24.4	0.62	26.3	66	0.96	95	558	57
07-10-2023	53.3	3.8	23.3	0.61	25.0	56	0.84	100	666	53
08-10-2023	37.8	3.8	21.4	0.71	27.4	55	0.89	126	647	38
09-10-2023	48.0	3.8	22.4	0.67	28.6	58	1.23	155	751	48
10-10-2023	49.5	3.8	22.6	0.61	27.1	76	0.85	138	452	50
11-10-2023	73.1	3.8	27.3	0.71	24.1	80	0.59	125	93	73
12-10-2023	58.9	3.8	29.8	0.60	22.5	78	0.59	118	109	59
13-10-2023	43.6	3.8	27.2	0.65	23.1	80	0.58	119	139	44
14-09-2023	37.2	3.8	23.6	0.73	22.6	78	0.60	119	127	37
15-10-2023	40.6	3.8	21.1	0.74	22.9	78	0.60	121	98	41
16-10-2023	38.0	3.8	23.3	0.76	22.9	79	0.59	116	94	38
17-10-2023	44.2	3.8	23.5	0.57	24.2	80	0.56	127	118	44
18-10-2023	50.4	3.8	24.5	0.53	23.6	80	0.58	118	121	50
19-10-2023	46.6	3.8	24.3	0.62	24.2	79	0.56	118	119	47
20-10-2023	39.0	3.8	24.7	0.42	23.7	79	0.58	118	116	39
21-10-2023	34.2	3.8	24.2	0.69	23.8	80	0.56	120	109	35
22-10-2023	33.2	3.8	25.0	0.63	23.2	79	0.58	116	99	33
23-10-2023	33.2	3.8	26.0	0.54	22.5	79	0.60	126	113	33
24-10-2023	33.2	3.8	26.2	0.47	22.7	78	0.61	125	117	33
25-10-2023	41.1	3.8	28.8	0.61	22.6	80	0.58	121	114	41
26-10-2023	41.5	3.8	28.0	0.41	23.1	79	0.57	120	102	42
27-10-2023	36.6	3.8	24.6	0.53	22.1	78	0.56	118	100	37
28-10-2023	35.5	3.8	22.8	0.59	22.3	78	0.56	117	78	36
29-10-2023	35.6	3.8	21.2	0.55	22.5	78	0.56	116	81	36
30-10-2023	37.3	3.8	24.3	0.74	21.3	82	0.60	151	74	38
31-10-2023	42.2	3.8	23.0	0.60	22.5	77	0.58	119	70	42
Minimum	33.2	3.8	17.3	0.41	21.3	53	0.56	25	70	*
Maximum	73.1	3.8	29.8	0.76	28.6	82	1.35	155	751	*
Average	43.1	3.8	23.9	0.61	24.0	75	0.72	110	232	*

Veterinary College, Hebbal- October 2023

Date	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	O ₃ µg/m ³	NH ₃ µg/m ³	Benzene µg/m ³	Temp °C	RH %	WS m/s	WD degree	BP mmHg	AQI
01-10-2023	17.0	5.9	12.3	4.7	0.35	7.2	5.3	0.34	23.8	73	1.1	49	707	18
02-10-2023	42.9	15.7	11.4	8.4	0.33	7.8	8.4	0.35	24.5	70	1.0	19	708	43
03-10-2023	84.0	33.0	6.9	3.8	0.47	13.1	4.9	0.39	26.4	67	0.6	52	709	84
04-10-2023	75.1	35.1	5.0	3.7	0.44	9.8	4.9	0.39	23.8	78	0.6	35	710	75
05-10-2023	69.8	32.3	4.6	3.8	0.35	18.0	4.9	0.48	25.2	71	0.5	11	710	70
06-10-2023	80.4	37.5	5.4	3.7	0.37	16.7	4.9	0.41	25.0	73	0.4	9	709	80
07-10-2023	86.5	44.3	6.2	3.8	0.36	16.2	4.9	0.40	25.5	71	0.7	23	710	87
08-10-2023	71.7	38.8	5.5	3.7	0.44	18.5	4.9	0.41	25.1	74	0.3	28	711	72
09-10-2023	50.1	32.0	5.0	3.7	0.39	16.2	4.9	0.40	23.9	87	0.3	60	714	53
10-10-2023	61.2	39.6	5.8	3.7	0.43	13.3	4.9	0.41	24.9	76	0.3	80	717	66
11-10-2023	61.5	39.0	4.4	3.7	0.46	12.0	4.9	0.43	24.0	80	0.3	106	714	65
12-10-2023	91.8	50.6	4.7	8.8	0.41	17.3	6.0	0.46	25.0	70	0.3	64	714	92
13-10-2023	81.5	41.5	5.5	3.8	0.31	8.8	4.9	0.43	25.3	57	0.3	39	714	82
14-09-2023	80.5	45.8	8.2	3.8	0.38	10.5	4.9	0.40	25.7	62	0.3	6	719	81
15-10-2023	61.5	37.3	6.2	3.8	0.43	10.7	4.9	0.38	26.4	65	0.3	7	720	62
16-10-2023	75.3	46.3	3.1	3.7	0.40	9.0	4.9	0.40	25.5	69	0.3	7	717	77
17-10-2023	71.3	41.1	4.0	3.7	0.40	9.4	4.9	0.40	25.9	66	0.3	8	719	71
18-10-2023	91.6	48.0	4.3	3.7	0.39	12.6	4.9	0.41	25.1	60	0.3	6	727	92
19-10-2023	105.5	58.5	4.3	3.8	0.37	10.4	4.9	0.41	25.1	63	0.3	6	727	104
20-10-2023	109.0	72.2	4.3	3.8	0.36	10.0	4.9	0.41	25.5	64	0.3	6	721	141
21-10-2023	102.1	60.1	5.8	3.8	0.37	16.6	4.9	0.41	25.1	67	0.3	7	717	102
22-10-2023	76.4	47.0	5.8	3.8	0.37	8.8	4.9	0.39	25.7	65	0.3	7	713	78
23-10-2023	83.0	46.5	6.6	3.8	0.39	13.5	4.9	0.41	24.2	63	0.3	7	716	83
24-10-2023	68.8	32.3	6.9	3.7	0.37	10.0	4.9	0.39	24.4	50	0.3	5	715	69
25-10-2023	79.3	39.2	7.3	3.8	0.38	12.9	4.9	0.40	24.8	49	0.3	4	713	79
26-10-2023	89.1	48.0	7.7	3.7	0.42	12.8	4.9	0.41	24.6	59	0.3	5	712	89
27-10-2023	96.9	58.0	6.0	3.8	0.38	10.3	4.9	0.43	25.0	63	0.3	5	711	97
28-10-2023	63.0	32.9	9.6	3.7	0.36	8.3	4.9	0.41	25.2	69	0.3	5	712	63
29-10-2023	55.0	31.9	6.7	3.7	0.35	8.0	4.9	0.39	25.2	72	0.3	7	714	55
30-10-2023	53.6	30.4	7.7	3.8	0.38	10.4	4.9	0.41	23.8	77	0.3	16	716	54
31-10-2023	90.7	60.5	6.6	3.7	0.36	9.6	4.9	0.42	24.0	72	0.7	11	715	102
Minimum	17.0	5.9	3.1	3.7	0.31	7.2	4.9	0.34	23.8	49	0.3	4	707	*
Maximum	109.0	72.2	12.3	8.8	0.47	18.5	8.4	0.48	26.4	87	1.1	106	727	*
Average	75.0	41.3	6.2	4.1	0.39	11.9	5.0	0.41	25.0	68	0.4	23	715	*

Shalini Ground, Jayanagar- October 2023

Date	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	O ₃ µg/m ³	NH ₃ µg/m ³	Benzene µg/m ³	Temp °C	RH %	WS m/s	WD degree	BP mmHg	AQI
01-10-2023	26.8	12.2	8.6	3.8	0.23	23.0	4.2	0.73	23.9	79	2.1	271	725	27
02-10-2023	72.8	32.8	9.0	15.2	0.38	29.6	5.5	0.78	24.7	71	1.8	266	726	73
03-10-2023	105.5	47.7	8.5	6.7	0.71	31.7	3.5	0.71	25.0	68	1.4	266	726	104
04-10-2023	110.5	49.8	8.5	5.8	0.84	27.6	3.6	0.73	25.3	72	1.0	270	727	107
05-10-2023	125.8	56.6	8.9	3.6	0.66	28.2	4.3	0.77	26.0	82	1.0	212	726	117
06-10-2023	137.1	47.4	9.1	5.7	0.80	29.6	3.9	0.80	25.2	85	0.5	141	726	125
07-10-2023	160.5	63.0	8.8	4.6	0.85	35.3	4.0	0.75	25.6	80	0.8	192	726	140
08-10-2023	107.4	48.4	8.9	3.7	0.46	41.1	4.2	0.76	25.5	80	0.6	205	727	105
09-10-2023	63.0	42.5	8.4	4.2	0.47	35.5	4.3	0.70	24.0	80	0.7	211	728	71
10-10-2023	75.0	47.6	8.8	3.8	0.46	39.3	4.2	0.75	24.6	80	0.7	214	728	79
11-10-2023	65.0	47.4	8.5	3.8	1.01	37.8	4.2	0.72	23.4	81	0.7	213	727	79
12-10-2023	131.0	61.7	7.5	3.7	0.89	28.1	4.2	0.59	25.0	81	0.4	187	728	121
13-10-2023	172.6	56.5	8.8	3.8	0.79	30.1	4.7	0.75	25.8	80	0.5	166	728	148
14-09-2023	158.6	59.1	8.8	3.6	0.62	35.8	4.5	0.75	25.7	80	0.5	167	728	139
15-10-2023	78.3	49.8	7.8	3.7	0.54	36.4	4.2	0.63	24.7	80	0.9	210	728	83
16-10-2023	57.7	44.0	7.6	3.9	0.24	24.5	4.1	0.61	24.0	83	0.6	172	728	73
17-10-2023	208.5	67.4	8.5	11.9	0.94	37.7	4.7	0.71	28.2	82	0.7	143	727	172
18-10-2023	191.8	65.4	8.6	3.8	0.73	38.2	4.2	0.72	25.6	82	0.6	137	728	161
19-10-2023	211.4	76.6	8.4	3.7	0.95	37.1	4.2	0.70	25.6	82	0.5	164	728	174
20-10-2023	200.6	81.0	8.5	5.2	0.85	38.9	4.3	0.72	25.9	82	0.6	145	728	170
21-10-2023	171.4	67.0	8.2	4.8	0.87	37.1	4.2	0.69	25.7	81	0.6	155	728	148
22-10-2023	90.4	35.3	10.2	4.0	0.72	35.7	4.2	0.92	26.2	81	0.5	158	728	90
23-10-2023	82.6	38.0	8.7	3.7	0.77	31.6	4.2	0.75	24.9	81	0.5	195	728	83
24-10-2023	76.0	29.6	8.3	3.8	0.56	33.1	4.2	0.70	24.9	82	0.5	202	728	76
25-10-2023	102.3	32.6	9.4	4.4	0.80	33.2	4.2	0.82	25.2	81	0.5	198	728	102
26-10-2023	118.1	37.2	8.7	5.0	0.82	33.7	4.2	0.74	25.2	84	0.5	116	728	112
27-10-2023	57.8	32.6	8.9	12.2	0.88	29.6	5.8	0.76	25.4	85	0.6	142	727	58
28-10-2023	38.3	19.4	10.6	21.1	0.73	10.4	4.1	0.55	25.6	85	0.6	141	727	38
29-10-2023	40.0	19.3	13.6	7.9	0.31	10.1	3.9	0.09	25.6	85	0.7	133	727	40
30-10-2023	37.4	20.7	10.7	7.8	0.45	9.4	4.0	0.13	24.2	85	0.7	143	727	37
31-10-2023	106.5	66.9	17.1	8.4	0.85	5.3	4.2	0.23	24.4	84	0.6	133	728	123
Minimum	26.8	12.2	7.5	3.6	0.23	5.3	3.5	0.09	23.4	68	0.4	116	725	*
Maximum	211.4	81.0	17.1	21.1	1.01	41.1	5.8	0.92	28.2	85	2.1	271	728	*
Average	109.1	46.9	9.2	6.0	0.68	30.2	4.3	0.67	25.2	81	0.7	183	727	*

KAVIKA, Mysore Road- October 2023														
Date	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	O ₃ µg/m ³	NH ₃ µg/m ³	Benzene µg/m ³	Temp °C	RH %	WS m/s	WD degree	BP mmHg	AQI
01-10-2023	25.5	9.6	5.0	8.4	0.33	11.7	2.1	0.02	24.1	66.2	1.8	263	717	26
02-10-2023	72.1	24.8	4.8	8.5	0.60	11.6	2.1	0.03	24.9	69.6	1.5	267	718	72
03-10-2023	103.3	41.2	4.3	8.4	0.82	11.6	2.1	0.04	25.3	76.8	1.2	264	719	102
04-10-2023	113.2	47.7	4.8	8.2	0.92	11.6	2.1	0.05	25.8	82.4	1.1	236	719	109
05-10-2023	108.5	49.1	4.2	8.7	0.93	11.6	2.0	0.05	26.4	86.4	1.1	248	719	106
06-10-2023	118.7	50.2	4.7	8.4	0.97	11.7	2.1	0.05	25.9	87.5	0.9	225	718	112
07-10-2023	115.3	55.7	4.8	8.4	1.04	11.6	2.1	0.05	26.2	87.7	0.8	207	718	110
08-10-2023	81.7	46.0	4.7	8.5	0.74	11.6	2.1	0.04	26.0	88.0	0.9	201	719	82
09-10-2023	60.6	37.5	4.5	8.7	0.80	11.6	2.1	0.03	24.2	88.0	0.8	219	721	61
10-10-2023	75.4	36.7	5.4	8.7	0.86	11.6	2.1	0.04	25.2	87.4	0.8	224	720	75
11-10-2023	85.9	51.2	4.4	8.8	1.23	11.6	2.0	0.06	24.0	87.7	0.7	210	720	86
12-10-2023	116.1	53.3	4.5	8.5	1.17	11.6	2.1	0.06	25.6	87.2	0.7	163	721	111
13-10-2023	124.4	71.5	4.9	8.7	1.19	11.5	2.1	0.05	26.3	86.9	1.0	128	722	138
14-09-2023	117.0	-	3.9	8.4	1.12	11.7	2.1	0.04	26.5	86.7	0.9	145	721	111
15-10-2023	66.7	-	4.8	8.6	0.56	11.5	2.1	0.02	25.0	86.6	0.9	213	720	67
16-10-2023	92.7	-	4.5	8.4	0.79	11.5	2.1	0.03	26.1	86.1	1.0	134	720	93
17-10-2023	97.5	60.5	4.2	8.7	0.84	11.5	2.1	0.03	26.2	86.0	0.9	168	721	102
18-10-2023	123.9	61.9	4.8	8.6	0.99	11.4	2.0	0.04	26.0	85.9	1.1	125	722	116
19-10-2023	141.0	75.6	4.7	8.5	1.09	11.3	2.0	0.05	26.0	86.3	1.0	134	722	152
20-10-2023	135.5	80.4	4.5	8.7	1.12	11.5	2.1	0.06	26.2	87.2	1.0	123	721	168
21-10-2023	126.3	77.8	4.6	8.5	1.21	11.5	2.1	0.05	26.1	87.8	1.0	123	722	159
22-10-2023	128.3	70.5	5.0	8.9	1.01	11.5	2.0	0.04	27.0	87.7	1.0	128	722	135
23-10-2023	133.8	71.9	5.1	8.6	1.65	12.5	2.1	0.05	26.1	88.0	0.8	157	721	140
24-10-2023	107.9	71.0	4.9	8.6	0.61	11.6	2.0	0.05	26.6	87.9	0.9	165	721	137
25-10-2023	119.9	68.6	5.1	8.3	1.00	11.5	2.1	0.06	26.6	87.8	0.9	135	722	129
26-10-2023	124.1	74.9	5.0	8.6	1.07	11.5	2.1	0.06	26.2	87.9	0.9	133	722	150
27-10-2023	118.8	64.0	4.5	8.6	0.93	11.5	2.1	0.03	25.7	88.0	1.0	129	721	113
28-10-2023	78.9	43.6	4.7	8.4	0.81	11.5	2.2	0.03	25.9	88.0	1.1	128	721	79
29-10-2023	68.3	47.3	4.9	8.7	0.64	11.3	2.0	0.03	25.7	88.0	1.2	127	720	79
30-10-2023	66.4	40.8	5.2	8.5	0.77	11.3	2.1	0.02	24.4	88.2	1.0	135	721	68
31-10-2023	120.0	71.6	5.3	8.5	1.04	11.5	2.1	0.04	24.7	88.3	1.0	128	721	139
Minimum	25.5	9.6	3.9	8.2	0.33	11.3	2.0	0.02	24.0	66.2	0.7	123	717	*
Maximum	141.0	80.4	5.4	8.9	1.65	12.5	2.2	0.06	27.0	88.3	1.8	267	722	*
Average	102.2	55.5	4.7	8.5	0.93	11.6	2.1	0.04	25.7	85.6	1.0	174	720	*

NIMHANS- October 2023

Date	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	O ₃ µg/m ³	NH ₃ µg/m ³	Benzene µg/m ³	Temp °C	RH %	WS m/s	WD degree	BP mmHg	AQI
01-10-2023	22.9	5.2	3.9	25.6	0.26	20.8	1.5	0.06	23.8	75	2.5	264	712	32
02-10-2023	57.9	20.1	3.9	27.8	0.26	34.7	1.5	0.09	24.5	69	2.1	265	712	58
03-10-2023	71.2	28.4	3.7	34.4	0.25	39.4	1.5	0.13	24.6	69	1.6	260	713	71
04-10-2023	71.9	28.7	3.7	36.8	0.25	31.2	1.5	0.16	24.9	69	1.4	255	713	72
05-10-2023	72.0	28.9	3.6	36.9	0.24	34.1	1.4	0.16	25.6	69	1.1	241	713	72
06-10-2023	77.6	31.4	3.8	38.9	0.24	33.3	1.3	0.19	24.7	71	0.9	227	712	78
07-10-2023	84.9	34.0	3.5	40.8	0.25	46.3	1.5	0.21	25.4	69	0.8	204	712	85
08-10-2023	60.8	24.4	3.7	40.1	0.24	50.9	1.5	0.16	25.2	70	0.6	171	714	61
09-10-2023	43.8	17.4	3.8	38.9	0.26	37.6	1.5	0.17	23.8	81	0.9	219	715	49
10-10-2023	53.1	21.3	3.4	40.7	0.26	40.3	1.5	0.17	24.4	77	0.7	211	714	53
11-10-2023	46.6	18.8	3.3	43.4	0.24	43.2	1.3	0.18	23.3	80	0.6	213	714	54
12-10-2023	79.7	32.6	3.6	40.2	0.25	19.6	1.3	0.14	24.1	72	0.6	156	715	80
13-10-2023	83.3	33.3	3.9	40.4	0.23	25.2	1.4	0.20	24.6	59	0.7	134	716	83
14-09-2023	79.1	31.7	4.0	41.4	0.25	30.5	1.5	0.19	24.6	64	0.6	146	715	79
15-10-2023	59.3	23.7	3.7	38.7	0.24	35.3	1.5	0.16	24.6	74	0.7	198	714	59
16-10-2023	65.9	27.0	3.5	38.9	0.25	27.4	1.5	0.12	25.1	68	0.9	128	714	66
17-10-2023	77.1	30.9	3.4	29.1	0.24	41.4	6.3	0.13	27.1	56	0.9	131	715	77
18-10-2023	82.9	33.8	3.5	19.9	0.25	39.7	5.9	0.13	24.5	61	0.9	117	716	83
19-10-2023	101.5	40.5	3.6	21.4	0.24	40.7	5.4	0.15	24.6	62	0.8	128	716	101
20-10-2023	98.3	39.4	3.4	18.9	0.25	41.3	4.7	0.14	24.9	64	0.9	120	715	98
21-10-2023	87.1	43.5	3.2	15.6	0.25	40.9	4.1	0.15	24.9	66	0.9	121	716	87
22-10-2023	80.1	50.4	3.5	7.6	0.37	40.7	1.5	0.20	25.4	60	0.9	122	716	84
23-10-2023	88.0	52.6	3.4	7.0	0.69	33.9	2.3	0.20	24.1	56	0.9	158	715	88
24-10-2023	72.8	42.0	3.6	3.7	0.57	35.5	2.1	0.21	24.4	46	0.7	164	715	73
25-10-2023	80.4	46.4	4.0	3.7	0.65	26.2	2.1	0.22	24.1	47	0.7	141	716	80
26-10-2023	87.9	54.5	4.0	3.8	0.64	29.9	2.1	0.22	24.0	57	0.7	133	716	91
27-10-2023	88.3	56.0	4.6	11.1	0.62	43.4	5.2	0.17	24.2	62	0.9	126	715	93
28-10-2023	51.6	32.2	3.4	13.9	0.43	24.7	4.8	0.12	24.7	68	1.0	123	715	54
29-10-2023	46.0	31.7	3.5	13.1	0.40	28.3	4.7	0.11	24.6	70	1.3	117	715	53
30-10-2023	42.2	28.7	3.4	13.3	0.43	26.4	4.5	0.12	23.4	76	1.1	129	715	48
31-10-2023	80.8	58.0	3.8	14.3	0.49	40.2	4.5	0.13	23.7	72	1.0	119	715	97
Minimum	22.9	5.2	3.2	3.7	0.23	19.6	1.3	0.06	23.3	46	0.6	117	712	*
Maximum	101.5	58.0	4.6	43.4	0.69	50.9	6.3	0.22	27.1	81	2.5	265	716	*
Average	70.8	33.8	3.7	25.8	0.34	34.9	2.7	0.16	24.6	66	1.0	169	714	*

H.S.R Layout, Near Central Silkboard- October 2023

Date	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	O ₃ µg/m ³	NH ₃ µg/m ³	Benzene µg/m ³	Temp °C	RH %	WS m/s	WD degree	BP mmHg	AQI
01-10-2023	52.5	21.1	6.2	18.0	1.32	15.5	16.5	0.37	23.2	71	1.9	222	686	66
02-10-2023	102.0	40.8	4.0	20.8	1.38	19.2	17.6	0.24	24.1	64	1.7	236	687	101
03-10-2023	141.1	56.3	4.3	25.6	1.53	18.5	17.9	0.26	24.5	63	1.4	245	688	127
04-10-2023	140.3	56.2	6.6	25.2	1.54	17.9	19.2	0.40	24.8	64	1.3	221	688	127
05-10-2023	119.5	47.7	5.8	25.2	1.51	21.9	18.3	0.36	24.9	66	1.1	210	687	113
06-10-2023	127.5	51.0	4.8	25.0	1.47	21.9	17.4	0.30	24.3	68	1.1	193	687	118
07-10-2023	118.1	47.3	5.6	23.1	1.44	30.4	17.3	0.34	24.9	66	1.0	179	687	112
08-10-2023	75.6	30.2	6.4	20.1	1.31	40.0	18.6	0.39	24.9	66	0.7	150	688	76
09-10-2023	76.2	30.4	6.2	25.5	1.47	22.1	19.8	0.38	23.5	77	1.0	200	689	76
10-10-2023	88.6	35.4	1.3	28.5	1.39	26.3	22.5	0.08	23.6	75	0.9	172	689	89
11-10-2023	105.5	42.1	6.3	26.6	1.55	28.3	16.0	0.39	22.8	77	0.8	176	689	104
12-10-2023	122.8	49.1	1.5	23.6	1.39	23.6	15.3	0.09	23.8	68	0.7	101	689	115
13-10-2023	132.8	53.1	5.6	23.0	1.28	20.7	16.0	0.34	24.2	56	0.8	99	690	122
14-09-2023	126.9	50.8	2.6	23.3	1.32	27.4	15.9	0.16	23.9	62	0.7	97	689	118
15-10-2023	77.9	31.1	7.1	22.6	1.31	27.8	15.6	0.44	24.0	71	0.8	152	689	78
16-10-2023	75.7	30.3	6.8	19.1	1.30	27.7	14.9	0.42	24.1	69	1.0	91	688	76
17-10-2023	79.5	31.8	6.0	19.7	1.27	34.3	15.0	0.37	24.5	65	1.0	98	689	80
18-10-2023	112.2	44.9	7.5	21.4	1.27	35.7	15.0	0.46	23.9	59	1.0	91	690	108
19-10-2023	146.7	58.6	8.7	23.0	1.33	27.9	15.2	0.53	24.1	60	0.9	86	689	131
20-10-2023	118.2	47.3	8.8	21.4	1.31	27.7	14.7	0.54	24.2	62	1.0	99	689	112
21-10-2023	100.6	40.3	7.8	21.1	1.36	19.5	14.7	0.48	24.2	64	1.0	93	690	100
22-10-2023	100.9	40.3	6.7	22.3	1.36	42.2	14.3	0.41	24.6	58	0.8	118	690	101
23-10-2023	160.4	64.2	8.0	28.7	1.53	25.1	14.0	0.49	23.6	54	0.9	135	689	140
24-10-2023	133.3	53.3	6.2	30.0	1.47	27.6	14.0	0.38	23.5	45	0.6	141	689	122
25-10-2023	164.7	65.9	7.0	30.6	1.46	25.9	17.6	0.45	23.3	47	0.6	112	690	143
26-10-2023	144.9	58.0	6.1	31.7	0.62	23.7	19.0	0.37	23.4	56	0.6	101	689	130
27-10-2023	105.7	42.3	5.3	26.2	0.36	33.6	19.2	0.32	23.6	61	0.9	89	689	104
28-10-2023	67.6	27.0	5.9	21.0	0.25	24.1	17.0	0.36	23.9	67	1.1	91	689	68
29-10-2023	52.8	21.2	3.7	20.1	0.21	31.5	16.6	0.22	23.7	70	1.4	88	689	53
30-10-2023	51.1	20.5	6.2	20.1	0.38	32.6	14.5	0.38	22.3	76	1.2	95	689	51
31-10-2023	107.8	43.1	8.8	23.8	0.42	35.7	15.6	0.53	22.9	72	1.1	91	689	105
Minimum	51.1	20.5	1.3	18.0	0.21	15.5	14.0	0.08	22.3	45	0.6	86	686	*
Maximum	164.7	65.9	8.8	31.7	1.55	42.2	22.5	0.54	24.9	77	1.9	245	690	*
Average	107.4	43.0	5.9	23.8	1.20	27.0	16.6	0.36	23.9	64	1.0	138	689	*

R.V.Engineering College, Kengeri- October 2023

Date	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	O ₃ µg/m ³	NH ₃ µg/m ³	Benzene µg/m ³	Temp °C	RH %	WS m/s	WD Degree	BP mb	SR W/m ²	AQI
01-10-2023	63.6	36.2	6.2	18.4	0.59	32.9	6.1	0.18	24.5	73	0.7	203	906	157	64
02-10-2023	75.6	41.3	6.2	22.2	0.80	33.6	7.4	0.58	24.9	68	0.7	188	907	179	76
03-10-2023	85.5	47.2	6.1	23.0	0.90	21.1	9.4	1.40	25.2	69	0.6	204	907	182	86
04-10-2023	68.7	27.0	6.4	24.7	0.86	19.1	10.0	0.99	25.6	69	0.6	188	908	153	69
05-10-2023	58.6	18.1	5.9	23.5	0.89	25.6	20.8	0.84	26.1	69	0.7	205	909	161	59
06-10-2023	65.9	28.2	6.0	24.9	1.02	25.3	16.0	1.19	25.4	71	0.6	183	907	134	66
07-10-2023	59.0	23.4	6.2	26.9	0.88	25.7	16.3	0.84	26.0	68	0.7	180	909	135	59
08-10-2023	36.2	16.5	6.5	21.4	0.83	26.9	11.9	0.67	25.6	74	0.6	165	908	147	42
09-10-2023	26.1	11.7	5.7	23.2	0.84	37.1	12.1	0.58	23.7	86	0.6	177	905	118	42
10-10-2023	27.0	10.3	6.0	24.9	0.85	35.7	12.7	0.61	25.0	77	0.6	199	907	173	43
11-10-2023	35.7	11.8	6.1	25.4	1.42	29.1	13.3	2.16	23.5	88	0.5	141	905	101	71
12-10-2023	47.8	11.1	5.4	24.7	0.96	30.4	11.5	1.57	24.3	75	0.6	128	906	160	48
13-10-2023	50.9	13.0	5.6	21.7	0.96	33.9	9.7	1.14	24.8	59	0.7	97	907	208	51
14-09-2023	51.1	17.1	6.0	22.9	0.98	26.9	11.1	1.20	24.8	68	0.6	138	908	185	51
15-10-2023	32.4	11.4	6.0	23.1	0.86	34.8	11.1	0.57	25.0	74	0.7	149	908	169	43
16-10-2023	36.1	12.3	5.9	23.5	0.73	36.4	10.6	0.53	25.4	70	0.9	120	909	160	37
17-10-2023	57.1	15.8	6.0	21.3	0.93	26.6	10.0	0.53	25.6	61	0.7	110	909	163	57
18-10-2023	51.2	16.8	6.1	22.3	1.00	39.0	9.9	0.84	24.9	62	0.9	93	907	178	51
19-10-2023	59.5	18.3	5.7	20.0	0.84	29.9	8.8	0.71	25.3	61	0.9	85	908	171	60
20-10-2023	54.7	18.7	6.0	18.0	0.87	31.9	8.2	0.68	25.7	60	0.9	81	909	181	55
21-10-2023	45.9	15.9	6.2	19.6	1.04	36.2	8.6	0.80	25.9	60	0.9	81	910	170	52
22-10-2023	50.8	17.3	6.3	18.5	1.04	32.9	8.4	1.35	25.2	60	0.7	106	908	166	52
23-10-2023	49.5	16.9	6.1	18.4	1.24	34.5	8.2	2.43	23.5	56	0.8	139	905	190	62
24-10-2023	46.8	15.9	6.3	23.2	1.02	43.5	12.1	2.33	23.8	48	0.7	156	907	197	51
25-10-2023	51.1	18.4	6.6	25.8	1.07	41.1	13.8	1.77	24.2	49	0.6	116	907	194	54
26-10-2023	48.0	16.1	6.7	25.1	1.04	44.4	13.1	1.41	24.7	57	0.7	98	907	180	52
27-10-2023	42.2	16.2	6.6	25.4	0.90	33.3	13.4	0.66	25.3	59	0.9	76	909	179	45
28-10-2023	32.2	12.2	6.0	26.2	0.85	35.1	14.2	0.57	25.7	64	0.9	84	909	157	43
29-10-2023	25.1	10.7	6.2	26.8	0.79	32.4	14.8	0.32	25.5	66	1.1	89	908	159	40
30-10-2023	29.3	9.4	6.2	22.7	0.79	41.5	10.7	0.47	24.2	73	1.0	97	906	137	42
31-10-2023	45.6	14.1	5.6	22.6	0.95	40.0	10.6	0.62	24.6	68	1.0	74	907	120	48
Minimum	25.1	9.4	5.4	18.0	0.59	19.1	6.1	0.18	23.5	48	0.5	74	905	101	*
Maximum	85.5	47.2	6.7	26.9	1.42	44.4	20.8	2.43	26.1	88	1.1	205	910	208	*
Average	48.7	18.4	6.1	22.9	0.93	32.8	11.4	0.99	25.0	67	0.7	134	907	163	*

Jigani Industrial Area, Anekal- October 2023

Date	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	O ₃ µg/m ³	NH ₃ µg/m ³	Benzene µg/m ³	Temp °C	RH %	WS m/s	WD Degree	BP mb	SR W/m ²	AQI
01-10-2023	31.1	9.5	6.0	8.3	0.79	28.1	6.6	0.26	26.6	80	0.3	179	935	128	40
02-10-2023	68.8	29.2	5.6	8.3	0.69	52.8	6.6	0.59	26.9	73	0.2	167	935	167	69
03-10-2023	84.8	40.9	5.8	8.3	0.65	44.0	6.7	0.76	27.5	72	0.1	170	936	193	85
04-10-2023	82.1	41.7	4.7	8.4	1.06	36.8	6.6	1.75	27.8	70	0.2	154	936	209	82
05-10-2023	90.8	38.7	4.7	8.3	1.06	42.6	6.7	1.34	27.8	75	0.1	147	935	181	91
06-10-2023	87.6	49.2	5.5	8.4	1.27	45.2	6.7	2.08	27.6	77	0.1	169	935	181	88
07-10-2023	87.4	47.1	5.7	8.3	1.02	58.3	6.6	2.06	27.8	74	0.2	124	936	167	87
08-10-2023	80.6	31.8	5.6	8.3	0.84	51.9	6.6	1.30	27.4	81	0.1	159	936	163	81
09-10-2023	80.6	39.2	6.4	8.3	0.63	46.6	6.6	1.61	26.8	85	0.2	151	937	162	81
10-10-2023	76.2	34.5	6.4	8.4	0.99	51.7	6.6	1.38	26.9	85	0.1	162	937	169	76
11-10-2023	57.8	35.4	7.0	8.3	0.97	39.1	6.7	3.40	26.9	85	0.2	117	937	123	59
12-10-2023	117.5	65.9	6.8	10.8	1.15	27.5	9.0	3.63	27.1	73	0.1	165	937	187	120
13-10-2023	54.0	28.6	6.4	10.7	0.76	40.0	9.1	0.94	27.4	68	0.3	130	937	292	54
14-09-2023	54.6	23.8	5.9	8.6	0.88	21.5	6.5	0.34	27.1	81	0.2	160	935	183	55
15-10-2023	41.2	18.2	5.7	8.3	0.67	22.5	7.0	0.40	27.1	77	0.3	180	935	195	41
16-10-2023	63.3	22.5	8.2	11.8	0.58	20.1	10.2	1.67	26.5	82	0.2	179	936	36	63
17-10-2023	111.9	57.8	7.0	12.6	1.33	39.8	10.8	1.83	27.5	66	0.2	143	937	183	108
18-10-2023	107.3	58.5	6.4	12.6	1.04	45.3	10.8	2.07	27.1	66	0.2	185	937	205	105
19-10-2023	132.5	79.3	6.4	15.6	1.15	43.3	12.7	2.62	27.3	66	0.3	126	937	202	164
20-10-2023	100.9	53.1	6.5	17.7	1.06	42.4	14.0	0.72	27.4	67	0.2	139	937	212	101
21-10-2023	102.4	49.7	6.6	17.7	1.07	48.8	14.0	0.00	27.7	68	0.2	142	938	190	102
22-10-2023	68.5	29.5	5.8	10.2	0.88	34.2	8.1	0.27	26.4	74	0.2	167	934	76	69
23-10-2023	46.7	18.0	5.8	8.4	0.65	31.0	6.6	0.39	26.8	80	0.3	182	933	188	47
24-10-2023	53.0	24.1	5.5	8.3	0.66	31.1	6.9	0.57	27.8	77	0.2	192	935	191	53
25-10-2023	107.9	57.2	6.6	17.7	1.11	42.1	14.0	3.14	27.4	45	0.3	87	937	178	105
26-10-2023	105.7	60.8	6.3	17.7	0.90	44.3	14.0	3.06	27.2	62	0.2	126	937	208	104
27-10-2023	101.0	57.9	6.5	17.7	0.99	49.2	14.0	2.07	27.2	66	0.2	139	937	200	101
28-10-2023	75.8	39.0	6.6	17.7	0.99	26.4	14.0	1.27	27.4	72	0.2	161	937	189	76
29-10-2023	67.9	33.4	6.6	17.7	0.85	32.7	14.0	1.22	27.1	76	0.2	158	937	173	68
30-10-2023	73.3	36.9	6.6	17.7	0.84	30.6	14.0	1.72	26.2	83	0.1	164	937	131	73
31-10-2023	103.0	54.0	7.1	17.7	0.98	52.5	14.0	1.50	26.7	76	0.2	148	937	149	102
Minimum	31.1	9.5	4.7	8.3	0.58	20.1	6.5	0.00	26.2	45	0.1	87	933	36	*
Maximum	132.5	79.3	8.2	17.7	1.33	58.3	14.0	3.63	27.8	85	0.3	192	938	292	*
Average	81.2	40.8	6.2	11.9	0.92	39.4	9.6	1.48	27.2	74	0.2	154	936	175	*

Kasturinagar RTO- October 2023

Date	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	O ₃ µg/m ³	NH ₃ µg/m ³	Benzene µg/m ³	Temp °C	RH %	WS m/s	WD Degree	BP mb	SR W/m ²	AQI
01-10-2023	33.0	16.0	5.4	28.8	0.37	29.5	22.0	0.00	25.2	74	0.5	208	872	237	36
02-10-2023	75.5	36.6	5.4	20.1	0.37	43.1	16.2	0.00	25.0	74	0.7	80	873	254	76
03-10-2023	96.1	48.0	5.4	22.9	0.37	39.9	13.4	0.00	25.0	75	0.4	131	871	252	96
04-10-2023	98.5	47.7	5.4	23.8	0.37	37.7	12.7	0.00	25.1	73	0.6	220	873	247	99
05-10-2023	98.7	47.8	5.4	19.2	0.37	47.0	13.7	0.00	25.0	75	0.6	184	872	254	99
06-10-2023	114.7	55.6	5.4	17.7	0.37	48.5	12.6	0.00	25.4	73	0.5	195	872	240	110
07-10-2023	118.4	57.4	5.4	19.2	0.37	57.5	11.8	0.00	22.3	63	0.5	154	764	225	112
08-10-2023	94.4	45.8	5.5	25.1	0.37	55.1	10.8	0.00	19.4	61	0.4	155	690	171	94
09-10-2023	71.5	34.7	5.4	35.5	0.37	41.6	11.8	0.00	25.0	76	0.4	209	872	218	72
10-10-2023	89.1	43.2	5.4	29.2	0.37	48.0	11.7	0.00	24.7	80	0.3	164	871	218	89
11-10-2023	106.7	51.7	5.4	57.6	0.37	32.4	8.5	0.00	25.5	74	0.6	155	872	256	104
12-10-2023	106.3	51.7	5.4	38.1	0.36	41.6	9.6	0.00	22.1	58	0.5	125	727	215	104
13-10-2023	86.2	41.8	5.5	48.8	0.37	48.8	10.5	1.21	25.4	74	0.8	134	873	303	86
14-09-2023	91.6	44.2	5.4	27.5	0.36	52.6	10.0	1.66	25.8	74	0.8	94	873	260	92
15-10-2023	74.7	36.2	5.4	32.5	0.37	54.6	9.5	1.64	23.9	84	1.0	136	874	256	75
16-10-2023	102.7	34.8	5.4	27.7	0.37	39.7	11.7	1.66	24.1	84	0.9	95	873	248	102
17-10-2023	106.0	33.9	5.4	24.9	0.36	55.9	10.6	1.66	23.0	88	0.9	87	873	224	104
18-10-2023	85.2	50.9	5.4	28.8	0.37	64.2	10.6	1.66	23.7	86	0.7	151	873	239	85
19-10-2023	100.2	65.5	5.4	18.9	0.36	67.5	10.3	0.49	24.0	82	0.8	100	873	242	118
20-10-2023	85.3	55.7	5.4	21.5	0.37	65.3	11.2	0.79	23.3	77	0.6	81	836	224	93
21-10-2023	77.8	44.9	5.4	24.2	0.36	67.2	10.7	1.66	22.6	91	0.5	182	872	203	78
22-10-2023	133.7	42.8	5.4	46.8	0.37	60.5	7.9	0.41	22.2	90	0.4	292	871	188	122
23-10-2023	133.8	42.8	5.4	51.8	0.37	72.3	10.5	0.00	22.4	87	0.4	264	872	233	123
24-10-2023	120.7	38.6	5.4	37.2	0.36	74.2	9.3	0.00	23.0	80	0.4	204	873	269	114
25-10-2023	122.8	47.5	6.0	26.7	0.36	67.0	8.1	1.21	22.3	84	0.4	199	873	220	115
26-10-2023	117.7	52.6	6.3	27.4	0.36	61.0	8.3	1.54	21.7	85	0.5	218	872	205	112
27-10-2023	91.8	45.8	6.3	28.9	0.37	68.2	11.8	1.54	23.8	74	0.2	168	871	229	92
28-10-2023	64.8	34.6	6.2	27.9	0.36	47.1	13.6	1.54	23.5	82	0.7	91	873	219	65
29-10-2023	53.3	28.4	6.3	29.8	0.37	47.8	14.3	1.54	22.3	87	1.3	82	875	210	53
30-10-2023	60.2	32.1	6.3	33.5	0.37	42.5	12.9	1.54	22.0	90	1.6	95	876	200	60
31-10-2023	98.6	51.6	6.3	23.2	0.37	60.8	14.0	1.61	21.9	82	0.8	169	873	224	99
Minimum	33.0	16.0	5.4	17.7	0.36	29.5	7.9	0.00	19.4	58	0.2	80	690	171	*
Maximum	133.8	65.5	6.3	57.6	0.37	74.2	22.0	1.66	25.8	91	1.6	292	876	303	*
Average	93.9	43.9	5.6	29.8	0.37	52.9	11.6	0.75	23.6	79	0.6	155	857	232	*

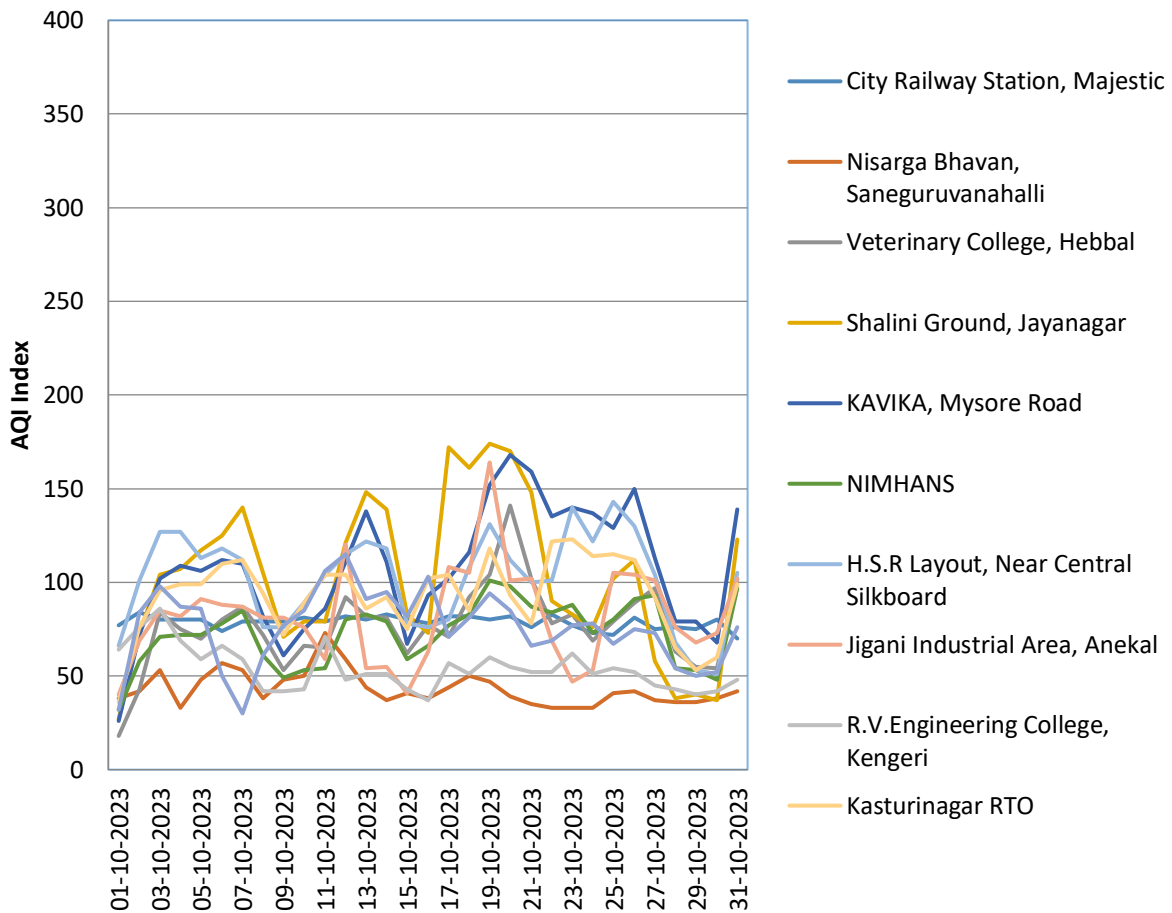
Peenya Industrial Area, Peenya- October 2023

Date	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	O ₃ µg/m ³	NH ₃ µg/m ³	Benzene µg/m ³	Temp °C	RH %	WS m/s	WD Degree	BP mb	SR W/m ²	AQI
01-10-2023	31.1	14.5	3.0	14.9	0.50	32.4	3.4	1.65	24.2	69	0.73	169	936	136	32
02-10-2023	84.3	45.3	2.3	14.9	0.62	52.0	3.7	2.83	24.5	61	0.50	200	937	149	84
03-10-2023	98.1	50.1	3.8	14.0	0.65	54.8	4.3	2.82	24.8	59	0.51	196	937	150	98
04-10-2023	82.0	51.9	3.8	21.9	0.76	37.9	5.0	4.12	24.7	67	0.42	183	937	111	87
05-10-2023	86.1	45.2	3.9	27.7	0.62	46.1	5.3	2.73	25.4	59	0.51	179	937	148	86
06-10-2023	49.7	27.1	2.8	20.1	0.34	45.1	4.1	0.84	26.5	52	0.96	230	936	479	50
07-10-2023	27.5	9.4	4.1	14.7	0.16	30.4	2.3	0.48	25.0	59	1.66	128	936	719	30
08-10-2023	60.7	15.8	4.5	16.6	0.37	38.2	2.8	0.30	27.9	64	1.43	142	935	731	61
09-10-2023	76.7	46.2	2.8	24.0	0.45	47.4	4.8	2.68	24.7	74	0.82	189	938	272	77
10-10-2023	84.6	48.1	3.9	27.7	0.45	61.6	5.4	3.59	25.0	71	0.47	186	939	127	85
11-10-2023	108.6	60.3	4.0	27.7	1.16	53.4	5.3	5.50	24.3	92	0.46	155	938	76	106
12-10-2023	122.3	52.6	5.7	27.7	0.79	46.6	5.3	4.11	24.9	56	0.46	120	938	115	115
13-10-2023	90.5	40.8	8.2	27.7	0.65	46.6	5.3	3.37	25.2	47	0.41	100	939	148	91
14-09-2023	95.3	33.9	7.1	27.7	0.70	58.3	5.3	3.20	25.3	52	0.43	138	938	150	95
15-10-2023	82.4	41.6	4.0	27.7	0.67	58.7	5.4	2.11	25.0	54	0.51	146	937	121	82
16-10-2023	88.2	61.0	5.1	27.7	0.74	40.3	5.3	2.38	25.1	56	0.56	123	938	91	103
17-10-2023	71.4	37.1	5.8	26.4	0.67	62.2	5.4	2.61	25.3	54	0.42	142	938	116	71
18-10-2023	81.0	38.4	8.0	27.0	0.65	68.6	7.3	3.21	25.2	50	0.50	105	938	122	81
19-10-2023	93.7	37.6	8.0	27.7	0.76	63.5	8.3	3.55	25.1	48	0.42	98	939	123	94
20-10-2023	84.6	33.9	8.1	27.7	0.72	64.9	8.3	3.72	25.3	54	0.44	95	938	113	85
21-10-2023	65.8	36.5	5.7	27.7	0.67	64.4	8.4	2.80	25.4	51	0.42	98	939	111	66
22-10-2023	69.2	34.6	5.3	27.7	0.60	64.5	8.4	3.50	25.1	49	0.33	108	939	118	69
23-10-2023	57.0	22.1	5.7	27.7	0.66	77.0	8.3	2.58	24.5	43	0.41	150	938	135	77
24-10-2023	56.5	24.7	5.9	27.7	0.56	77.5	8.4	2.53	24.7	31	0.39	138	938	128	78
25-10-2023	65.7	29.3	7.5	25.5	0.65	67.4	9.0	3.83	24.8	42	0.36	116	939	126	67
26-10-2023	74.8	35.4	9.0	24.7	0.91	65.4	9.3	3.12	24.8	56	0.36	113	939	120	75
27-10-2023	72.7	35.4	10.5	24.7	0.75	67.3	9.3	2.92	24.8	48	0.46	100	938	110	73
28-10-2023	53.6	23.8	5.9	24.7	0.71	49.6	9.4	2.64	25.0	56	0.50	106	938	86	54
29-10-2023	38.1	24.2	4.5	24.7	0.60	49.1	9.4	1.63	24.6	63	0.60	108	938	116	50
30-10-2023	51.7	18.6	4.9	19.7	0.73	39.4	4.7	0.95	23.6	80	0.64	154	937	38	52
31-10-2023	75.7	32.5	5.4	18.2	0.68	58.7	8.4	2.21	24.6	57	0.44	118	938	113	76
Minimum	27.5	9.4	2.3	14.0	0.16	30.4	2.3	0.30	23.6	31	0.33	95	935	38	*
Maximum	122.3	61.0	10.5	27.7	1.16	77.5	9.4	5.50	27.9	92	1.66	230	939	731	*
Average	73.5	35.7	5.5	24.0	0.64	54.5	6.3	2.73	25.0	57	0.57	140	938	174	*

Possible Health Impacts

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

AQI of CAAQM Station in Bengaluru City October-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 October-2023 reveals that the Air quality is Good to Moderate. Even though in some places it has reached Moderate, the AQI values has crossed 174 as depicted in the above graph. In other words, the AQI observed during the month October-2023 are having more number of Good and Satisfactory days in over the number of days monitored.

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