



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

Air Quality Monitoring Cell

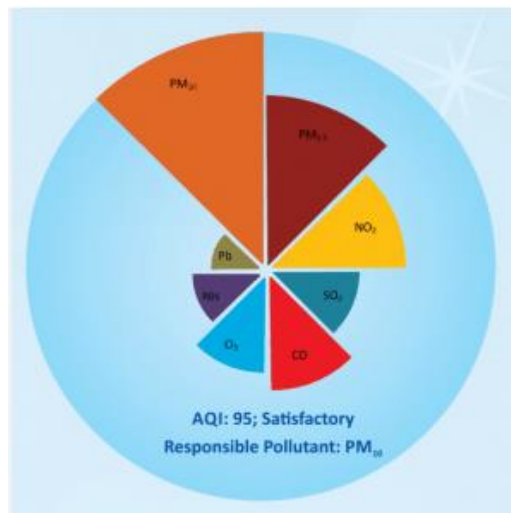
Air Quality Index of CAAQM Stations monitored in Bengaluru city-January-2024.

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). 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 January-2024 is as shown below:

Daily AQI Values of Bengaluru (January-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.Engineering College, Kengeri	Kasturinagar RTO	Peenya Industrial Area
01-1-2024	79	54	91	102	102	74	101	100	99	116	77
02-1-2024	84	51	94	118	113	81	97	110	114	123	81
03-1-2024	89	44	94	122	106	81	97	103	91	130	89
04-1-2024	84	54	82	140	110	88	107	109	107	130	93
05-1-2024	83	58	75	95	83	62	72	95	113	119	73
06-1-2024	80	60	65	94	76	52	67	78	109	116	63
07-1-2024	80	35	54	95	70	47	60	74	164	94	57
08-1-2024	74	30	44	59	58	32	39	66	134	55	44
09-1-2024	77	35	73	100	85	53	55	88	116	103	59
10-1-2024	78	46	82	108	87	64	94	97	110	117	74
11-1-2024	81	44	83	114	95	67	92	85	123	105	72
12-1-2024	76	40	119	118	102	77	102	113	127	139	91
13-1-2024	77	62	175	148	162	95	106	105	127	141	94
14-1-2024	82	50	166	200	167	107	121	118	126	169	92
15-1-2024	90	57	135	188	147	108	115	114	128	146	99
16-1-2024	89	42	113	170	154	105	117	104	98	142	96
17-1-2024	73	46	113	152	104	101	111	109	100	144	98
18-1-2024	76	56	117	141	115	101	114	100	129	128	87
19-1-2024	87	47	94	104	107	78	98	94	153	131	84
20-1-2024	99	37	91	120	99	84	98	93	148	120	84
21-1-2024	80	36	100	135	107	84	108	89	140	103	90
22-1-2024	93	58	86	101	91	78	96	93	168	120	54
23-1-2024	83	40	95	101	91	80	109	95	164	130	62
24-1-2024	77	40	98	120	92	91	111	113	129	146	105
25-1-2024	82	37	86	123	126	92	107	100	105	133	103
26-1-2024	84	35	66	93	89	60	71	76	109	97	86
27-1-2024	88	34	61	87	79	58	73	79	106	91	92
28-1-2024	80	34	67	107	76	58	62	78	106	88	98
29-1-2024	77	43	82	93	98	73	86	82	101	113	105
30-1-2024	73	37	120	152	143	109	141	106	103	130	114
31-1-2024	82	53	314	139	114	99	157	101	117	121	101
Min	73	30	44	59	58	32	39	66	91	55	44
Max	99	62	314	200	167	109	157	118	168	169	114

* 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-January 2024					
Date	PM₁₀ µg/m³	SO₂ µg/m³	NO₂ µg/m³	CO mg/m³	AQI
01-1-2024	78.7	19.9	30.0	1.21	79
02-1-2024	84.0	19.9	29.5	1.30	84
03-1-2024	89.0	20.0	29.5	1.25	89
04-1-2024	83.8	20.1	29.0	1.33	84
05-1-2024	83.1	20.0	29.5	1.38	83
06-1-2024	79.6	19.9	29.3	1.19	80
07-1-2024	80.1	20.0	29.4	1.31	80
08-1-2024	74.0	20.1	28.8	1.37	74
09-1-2024	76.9	19.9	29.5	1.33	77
10-1-2024	78.1	20.0	30.4	1.35	78
11-1-2024	81.3	20.0	27.7	1.24	81
12-1-2024	76.3	20.0	19.8	1.16	76
13-1-2024	76.6	20.0	25.7	1.27	77
14-1-2024	82.1	20.0	28.2	1.28	82
15-1-2024	89.8	19.9	14.2	1.29	90
16-1-2024	89.3	20.0	15.0	1.34	89
17-1-2024	73.3	19.9	25.1	1.29	73
18-1-2024	75.5	20.0	24.3	1.30	76
19-1-2024	86.8	20.0	24.2	1.30	87
20-1-2024	99.1	19.9	24.3	1.36	99
21-1-2024	79.8	19.1	22.9	1.40	80
22-1-2024	92.5	20.0	24.3	1.22	93
23-1-2024	82.7	19.8	24.2	1.27	83
24-1-2024	77.0	20.1	24.3	1.41	77
25-1-2024	81.7	17.7	22.4	1.32	82
26-1-2024	84.3	16.4	21.2	1.29	84
27-1-2024	87.5	20.1	24.3	1.31	88
28-1-2024	79.5	19.8	24.3	1.23	80
29-1-2024	77.0	19.9	24.3	1.40	77
30-1-2024	73.2	20.0	24.3	1.37	73
31-1-2024	82.4	19.9	24.3	1.32	82
Minimum	73.2	16.4	14.2	1.16	*
Maximum	99.1	20.1	30.4	1.41	*
Average	81.8	19.8	25.3	1.30	*

Nisarga Bhavan, Saneguruvanahalli-January 2024

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
01-1-2024	53.9	7.1	19.7	0.60	26.9	81	1.4	215	194	54
02-1-2024	51.3	5.2	21.8	0.57	27.4	75	1.1	166	248	51
03-1-2024	43.5	7.2	24.1	0.65	27.0	81	0.9	183	143	44
04-1-2024	54.1	4.6	21.8	0.54	26.7	84	1.2	224	265	54
05-1-2024	57.8	3.7	20.7	0.60	27.2	77	1.2	210	210	58
06-1-2024	59.8	5.1	21.4	0.57	26.6	85	1.1	206	175	60
07-1-2024	35.1	5.8	20.6	0.60	26.8	85	1.4	276	159	35
08-1-2024	29.5	8.4	22.8	0.59	26.7	88	1.1	235	167	30
09-1-2024	35.4	6.4	20.7	0.54	27.5	75	1.1	269	207	35
10-1-2024	46.4	4.5	21.1	0.61	28.8	66	1.2	244	232	46
11-1-2024	43.6	4.5	22.3	0.63	27.1	79	0.9	152	230	44
12-1-2024	39.5	5.6	20.2	0.58	27.9	68	1.1	105	231	40
13-1-2024	61.9	6.0	19.8	0.62	27.7	80	0.7	119	196	62
14-1-2024	50.1	5.7	20.2	0.65	28.5	70	1.1	203	193	50
15-1-2024	56.9	5.2	21.2	0.67	28.7	64	1.0	201	225	57
16-1-2024	41.6	5.5	22.5	0.67	29.2	52	1.1	281	200	42
17-1-2024	45.8	6.8	25.5	0.66	29.8	49	1.3	199	342	46
18-1-2024	55.7	6.6	22.3	0.60	29.3	54	1.2	170	228	56
19-1-2024	46.9	6.5	22.0	0.63	29.4	58	1.1	176	229	47
20-1-2024	37.3	5.8	21.0	0.61	28.3	64	1.1	184	196	37
21-1-2024	35.6	4.7	20.7	0.59	26.9	82	1.2	157	229	36
22-1-2024	43.0	5.3	22.8	1.16	27.6	72	1.0	173	292	58
23-1-2024	39.7	5.2	21.7	0.65	28.0	68	1.1	156	291	40
24-1-2024	39.6	4.1	20.8	0.61	27.9	71	0.9	156	482	40
25-1-2024	37.2	4.4	22.2	0.58	27.3	78	0.8	202	441	37
26-1-2024	35.2	3.0	20.3	0.54	28.0	68	1.0	214	196	35
27-1-2024	33.7	2.6	23.5	0.59	28.5	65	0.8	238	227	34
28-1-2024	33.5	7.1	25.1	0.61	28.8	59	1.3	213	223	34
29-1-2024	43.3	7.5	23.7	0.65	28.3	65	1.2	175	252	43
30-1-2024	36.9	7.1	22.3	0.91	26.8	83	1.0	183	182	37
31-1-2024	33.8	5.7	21.3	1.05	28.1	68	1.0	166	223	53
Minimum	29.5	2.6	19.7	0.54	26.6	49	0.7	105	143	*
Maximum	61.9	8.4	25.5	1.16	29.8	88	1.4	281	482	*
Average	43.8	5.6	21.8	0.65	27.9	71	1.1	195	236	*

Veterinary College, Hebbal- January 2024

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
01-1-2024	87.5	54.7	10.8	3.8	0.37	7.8	4.9	0.09	23.0	84	0.2	124	861	91
02-1-2024	89.5	56.4	8.5	3.8	0.43	8.4	4.9	0.09	22.9	84	0.3	136	752	94
03-1-2024	94.1	56.4	11.2	3.8	0.40	12.0	4.9	0.08	22.5	88	0.8	143	605	94
04-1-2024	79.6	48.9	11.2	3.7	0.37	9.0	4.9	0.08	22.7	89	0.7	136	606	82
05-1-2024	75.3	44.2	10.6	3.8	0.37	9.2	4.9	0.09	22.7	89	0.9	125	609	75
06-1-2024	64.6	34.4	10.8	3.8	0.35	8.0	4.9	0.09	23.5	86	0.9	136	606	65
07-1-2024	54.3	30.0	9.7	3.8	0.38	7.7	4.9	0.07	23.5	85	0.9	153	608	54
08-1-2024	44.3	23.5	7.4	3.8	0.35	8.1	4.9	0.09	21.2	84	0.9	140	603	44
09-1-2024	72.5	37.8	9.0	3.8	0.34	7.4	4.9	0.08	21.9	87	1.0	147	603	73
10-1-2024	81.7	45.0	9.3	3.8	0.39	7.4	4.9	0.08	22.3	85	0.9	143	604	82
11-1-2024	83.0	42.6	8.2	3.8	0.36	7.6	4.9	0.08	23.1	79	0.9	157	602	83
12-1-2024	105.3	65.6	8.3	3.8	0.36	7.6	4.9	0.08	22.7	82	0.9	141	603	119
13-1-2024	125.9	82.6	7.7	3.8	0.37	7.6	4.9	0.12	23.3	80	0.7	140	602	175
14-1-2024	118.2	79.7	8.2	3.8	0.36	7.9	4.9	0.08	23.4	78	0.7	158	602	166
15-1-2024	109.6	70.5	8.6	3.7	0.36	7.8	4.9	0.08	23.1	78	0.8	141	602	135
16-1-2024	94.2	63.8	8.1	3.1	0.23	14.0	3.8	0.08	23.4	78	0.8	140	598	113
17-1-2024	110.6	63.8	10.8	3.7	0.30	10.5	4.9	0.11	22.9	80	0.7	125	600	113
18-1-2024	113.3	65.0	11.2	3.8	0.41	10.3	4.9	0.12	23.2	85	0.6	145	606	117
19-1-2024	94.4	51.5	12.1	3.7	0.37	8.1	4.9	0.07	23.9	84	0.8	142	608	94
20-1-2024	91.4	45.4	7.3	3.8	0.37	7.7	4.9	0.07	23.8	84	0.8	132	607	91
21-1-2024	99.6	54.0	8.9	3.8	0.39	8.4	4.9	0.09	24.5	80	0.7	141	602	100
22-1-2024	85.9	42.7	10.0	3.7	0.37	9.0	4.9	0.08	24.3	79	0.7	130	602	86
23-1-2024	95.1	48.0	10.7	3.8	0.40	10.2	4.9	0.08	23.9	82	0.8	102	601	95
24-1-2024	98.2	57.0	10.2	3.8	0.36	9.7	4.9	0.08	23.9	83	0.7	128	601	98
25-1-2024	86.4	43.3	10.4	3.7	0.38	9.3	4.9	0.08	23.7	83	0.9	124	705	86
26-1-2024	65.8	33.9	10.1	3.8	0.37	9.0	4.9	0.07	23.5	80	0.9	135	716	66
27-1-2024	60.6	27.4	11.3	3.8	0.37	26.0	4.9	0.07	23.4	82	0.9	141	716	61
28-1-2024	67.3	38.0	8.8	3.8	0.39	25.7	4.9	0.10	23.1	78	0.9	132	714	67
29-1-2024	82.3	44.8	10.4	3.7	0.29	30.6	4.6	0.08	21.7	76	0.8	127	714	82
30-1-2024	130.5	61.8	7.7	3.8	0.43	11.8	4.9	0.14	23.8	82	0.7	163	716	120
31-1-2024	327.7	138.8	8.8	3.8	0.41	10.5	4.9	0.11	23.4	92	0.6	129	713	314
Minimum	44.3	23.5	7.3	3.1	0.23	7.4	3.8	0.07	21.2	76	0.2	102	598	*
Maximum	327.7	138.8	12.1	3.8	0.43	30.6	4.9	0.14	24.5	92	1.0	163	861	*
Average	96.4	53.3	9.6	3.7	0.37	10.8	4.8	0.09	23.2	83	0.8	137	642	*

Shalini Ground, Jayanagar- January 2024

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
01-1-2024	101.3	60.7	15.8	8.8	0.28	19.2	10.0	0.16	23.0	83	0.6	127	728	102
02-1-2024	109.7	65.5	11.4	8.7	0.28	19.6	10.3	0.16	23.2	83	0.7	118	728	118
03-1-2024	115.6	66.5	14.8	9.0	0.42	19.6	10.5	0.24	22.5	83	0.6	127	727	122
04-1-2024	125.1	71.9	11.5	9.7	0.48	19.5	11.7	0.27	22.4	83	0.6	141	728	140
05-1-2024	95.0	52.0	16.4	8.7	0.38	18.3	10.2	0.21	22.9	83	0.7	123	727	95
06-1-2024	94.0	41.9	17.5	8.8	0.48	18.3	10.3	0.26	23.5	83	0.7	125	728	94
07-1-2024	94.8	36.3	20.5	8.7	0.48	18.3	9.9	0.27	23.8	83	0.7	120	728	95
08-1-2024	58.5	24.4	13.9	9.8	0.66	18.4	10.1	0.37	21.5	83	0.7	125	728	59
09-1-2024	100.3	41.9	12.9	9.2	0.36	18.4	10.5	0.20	22.0	83	0.7	129	728	100
10-1-2024	111.5	48.0	15.8	8.7	0.34	18.4	10.4	0.19	22.3	83	0.8	128	728	108
11-1-2024	121.2	52.4	12.1	9.1	0.35	18.3	10.8	0.20	23.6	84	0.7	125	728	114
12-1-2024	127.5	57.5	14.0	8.5	0.29	18.4	10.5	0.17	22.8	83	0.8	125	728	118
13-1-2024	154.3	74.4	15.6	9.1	0.39	18.4	10.6	0.22	22.9	83	0.6	121	729	148
14-1-2024	142.3	89.9	20.1	9.3	0.57	18.5	11.1	0.32	24.1	82	0.6	109	728	200
15-1-2024	137.4	86.3	17.6	8.6	0.33	18.5	9.9	0.18	23.7	82	0.6	128	728	188
16-1-2024	146.5	80.9	14.8	9.8	0.48	18.5	10.7	0.27	23.2	81	0.6	133	727	170
17-1-2024	128.2	75.5	16.6	9.0	0.33	18.5	10.3	0.19	23.3	82	0.7	154	727	152
18-1-2024	133.5	72.2	20.5	9.2	0.28	18.5	10.2	0.16	23.0	82	0.7	172	727	141
19-1-2024	105.7	54.2	19.9	9.0	0.38	18.5	10.4	0.21	23.4	82	0.6	130	728	104
20-1-2024	129.7	60.7	18.8	8.8	0.48	18.6	10.1	0.27	24.0	82	0.7	134	729	120
21-1-2024	151.9	60.7	16.8	9.2	0.35	18.5	10.6	0.20	24.3	82	0.7	157	728	135
22-1-2024	100.9	49.0	21.3	8.4	0.46	18.5	10.2	0.26	24.8	83	0.7	148	729	101
23-1-2024	101.1	50.9	21.1	8.8	0.29	18.6	10.5	0.16	24.5	82	0.6	150	729	101
24-1-2024	129.3	65.4	16.2	8.8	0.30	18.4	10.0	0.17	23.6	82	0.8	178	728	120
25-1-2024	134.9	60.6	17.0	8.8	0.34	18.6	10.1	0.19	24.3	82	0.8	157	729	123
26-1-2024	92.5	39.4	10.6	8.7	0.35	18.5	9.9	0.20	23.8	82	0.8	128	730	93
27-1-2024	87.2	39.1	15.7	9.1	0.28	18.6	10.0	0.15	23.5	82	0.8	131	730	87
28-1-2024	110.9	39.8	12.8	8.9	0.14	18.5	9.5	0.08	23.0	82	0.7	138	730	107
29-1-2024	92.7	50.0	13.8	9.0	0.43	18.5	10.5	0.24	23.5	82	0.7	126	729	93
30-1-2024	169.6	75.5	21.0	10.6	0.73	18.5	12.6	0.41	23.3	82	0.6	129	729	152
31-1-2024	158.9	67.0	21.4	12.5	0.68	18.3	11.8	0.37	24.1	82	0.8	177	729	139
Minimum	58.5	24.4	10.6	8.4	0.14	18.3	9.5	0.08	21.5	81	0.6	109	727	*
Maximum	169.6	89.9	21.4	12.5	0.73	19.6	12.6	0.41	24.8	84	0.8	178	730	*
Average	118.1	58.4	16.4	9.1	0.40	18.6	10.5	0.22	23.3	82	0.7	136	728	*

KAVIKA, Mysore Road- January 2024

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
01-1-2024	92.4	60.5	4.6	8.6	0.81	11.2	2.1	0.03	23.3	89	0.9	137	722	102
02-1-2024	102.6	63.9	5.4	8.5	0.84	11.3	2.1	0.03	23.1	89	1.0	131	721	113
03-1-2024	108.6	61.9	4.7	8.3	0.60	11.2	2.1	0.02	22.8	89	1.0	132	721	106
04-1-2024	115.3	61.5	5.1	8.7	0.88	11.1	2.1	0.04	22.7	89	0.9	147	721	110
05-1-2024	83.3	45.5	4.5	8.3	0.77	11.1	2.1	0.03	23.3	89	0.9	144	721	83
06-1-2024	75.5	38.7	4.8	8.4	0.85	11.2	2.1	0.03	23.8	89	1.1	131	721	76
07-1-2024	69.7	34.1	5.0	8.6	0.71	11.1	2.1	0.03	23.8	89	1.2	123	722	70
08-1-2024	57.7	28.6	5.3	8.3	0.91	11.3	2.1	0.03	21.9	89	1.2	124	722	58
09-1-2024	84.9	37.6	5.1	8.6	0.89	11.3	2.1	0.03	22.4	89	1.1	122	723	85
10-1-2024	86.8	43.0	4.9	8.5	0.82	11.3	2.1	0.03	22.8	89	1.1	132	722	87
11-1-2024	95.3	52.2	5.1	8.3	0.87	11.2	2.1	0.04	23.8	89	1.1	127	723	95
12-1-2024	102.4	59.3	5.3	8.5	0.82	11.1	2.1	0.04	23.1	89	1.2	127	723	102
13-1-2024	124.0	78.5	5.5	8.5	0.91	11.1	2.1	0.04	23.2	89	0.9	135	723	162
14-1-2024	153.3	80.2	4.3	8.6	1.15	11.1	2.1	0.05	24.4	89	1.0	121	722	167
15-1-2024	131.1	74.0	5.1	8.6	0.91	11.1	2.1	0.03	24.1	89	0.9	136	722	147
16-1-2024	126.6	76.3	4.9	8.4	0.51	12.2	2.1	0.04	20.6	89	0.9	137	721	154
17-1-2024	105.8	59.5	4.7	8.5	0.39	11.4	2.1	0.03	23.8	89	0.8	161	720	104
18-1-2024	104.2	64.5	5.1	8.4	0.73	11.7	2.1	0.04	23.9	89	0.8	171	721	115
19-1-2024	110.5	53.1	4.8	8.6	0.69	11.4	2.1	0.05	24.4	89	0.9	140	721	107
20-1-2024	99.1	51.3	4.1	8.5	0.59	11.1	2.1	0.04	24.5	89	1.0	149	722	99
21-1-2024	110.0	54.3	4.5	8.3	0.66	11.1	2.1	0.05	24.9	89	0.8	147	722	107
22-1-2024	90.5	49.5	4.7	8.4	0.68	9.4	2.1	0.04	25.3	88	0.9	148	723	91
23-1-2024	90.9	52.3	5.5	8.4	0.79	10.0	2.1	0.04	25.0	88	0.8	167	723	91
24-1-2024	92.4	55.2	5.2	8.5	0.75	10.4	2.1	0.04	24.2	89	0.8	180	722	92
25-1-2024	97.1	67.7	5.7	8.4	0.82	10.4	2.1	0.04	24.9	88	0.9	161	723	126
26-1-2024	78.5	53.4	5.5	8.4	0.80	10.6	2.1	0.03	23.9	89	1.1	130	725	89
27-1-2024	79.2	42.8	5.5	8.5	0.80	10.2	2.1	0.04	23.5	89	1.2	126	725	79
28-1-2024	76.3	43.5	5.3	8.4	0.76	10.3	2.1	0.03	23.4	89	1.1	131	725	76
29-1-2024	98.2	58.8	5.3	8.4	0.76	10.6	2.1	0.04	23.6	89	1.1	128	724	98
30-1-2024	138.5	73.1	5.3	8.4	0.77	10.8	2.1	0.06	24.2	89	0.9	154	723	143
31-1-2024	121.6	59.2	5.7	8.6	0.82	10.8	2.1	0.09	25.0	88	1.0	193	723	114
Minimum	57.7	28.6	4.1	8.3	0.39	9.4	2.1	0.02	20.6	88	0.8	121	720	*
Maximum	153.3	80.2	5.7	8.7	1.15	12.2	2.1	0.09	25.3	89	1.2	193	725	*
Average	100.1	55.9	5.0	8.5	0.78	11.0	2.1	0.04	23.7	89	1.0	142	722	*

NIMHANS- January 2024

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
01-1-2024	73.9	30.2	3.1	29.1	0.41	4.3	7.3	0.14	22.2	65	1.2	123	716	74
02-1-2024	80.6	32.0	3.5	28.6	0.36	4.1	7.6	0.19	22.3	67	1.3	117	715	81
03-1-2024	80.9	32.3	3.8	29.2	0.37	4.0	7.4	0.12	21.9	67	1.3	118	715	81
04-1-2024	87.9	36.0	3.4	28.7	0.38	3.8	7.7	0.14	21.9	70	1.1	122	715	88
05-1-2024	61.6	24.6	3.0	27.0	0.34	3.8	7.2	0.12	22.2	73	1.5	126	715	62
06-1-2024	52.3	20.9	3.0	28.9	0.33	4.1	6.8	0.11	22.7	71	1.5	119	715	52
07-1-2024	47.4	18.9	4.2	27.4	0.34	4.3	6.7	0.10	22.9	68	1.5	115	715	47
08-1-2024	29.0	11.8	3.3	25.7	0.35	4.3	6.5	0.10	21.2	80	1.5	114	716	32
09-1-2024	52.8	21.0	3.4	27.1	0.33	4.5	6.4	0.11	21.6	69	1.4	115	716	53
10-1-2024	63.7	25.5	3.7	27.4	0.37	4.9	6.7	0.11	21.9	63	1.6	114	716	64
11-1-2024	67.3	27.0	4.4	28.3	0.37	4.7	6.7	0.11	22.7	63	1.4	115	716	67
12-1-2024	76.9	31.1	4.0	27.5	0.37	5.1	6.9	0.11	21.9	62	1.6	115	716	77
13-1-2024	94.7	37.9	3.6	29.9	0.40	5.0	7.0	0.13	21.9	68	1.1	115	717	95
14-1-2024	111.1	44.4	3.5	30.2	0.36	4.0	7.3	0.16	23.1	63	1.0	115	716	107
15-1-2024	111.5	44.6	4.0	30.3	0.33	4.3	7.3	0.14	22.7	61	1.0	124	716	108
16-1-2024	107.9	43.2	3.5	30.0	0.35	4.3	7.3	0.14	22.4	62	1.2	129	714	105
17-1-2024	101.1	40.5	3.3	32.1	0.38	4.3	7.1	0.16	22.6	62	1.1	134	714	101
18-1-2024	101.1	40.4	3.5	31.8	0.36	4.3	7.0	0.16	22.5	61	1.0	157	715	101
19-1-2024	78.1	31.2	3.2	31.5	0.38	4.2	6.7	0.14	23.0	64	1.1	125	715	78
20-1-2024	84.4	33.8	3.2	30.5	0.36	4.4	6.8	0.12	23.2	62	1.3	130	716	84
21-1-2024	84.1	33.7	3.4	31.4	0.34	4.3	6.6	0.13	23.5	60	1.1	138	716	84
22-1-2024	77.5	31.0	3.7	31.3	0.35	4.4	6.6	0.14	23.9	58	1.1	132	717	78
23-1-2024	79.8	32.0	3.1	31.7	0.37	4.3	6.7	0.15	23.6	56	1.1	148	716	80
24-1-2024	91.1	36.5	3.5	31.4	0.36	4.3	7.0	0.15	23.3	61	1.2	163	716	91
25-1-2024	92.0	36.8	3.0	33.4	0.46	4.6	10.0	0.10	23.7	58	1.2	139	717	92
26-1-2024	59.5	23.8	1.8	24.0	0.36	4.3	6.8	0.12	22.8	58	1.5	116	718	60
27-1-2024	58.3	23.3	3.2	27.2	0.37	4.4	8.6	0.09	22.8	60	1.5	114	718	58
28-1-2024	57.6	22.4	3.8	22.6	0.36	4.7	8.8	0.08	21.2	67	1.2	117	718	58
29-1-2024	72.6	29.0	2.2	27.5	0.35	4.2	7.4	0.12	22.8	58	1.4	117	717	73
30-1-2024	113.3	45.8	2.9	32.8	0.38	4.5	7.4	0.22	22.6	57	1.0	148	717	109
31-1-2024	99.0	39.5	3.5	31.4	0.37	4.3	7.6	0.22	23.9	59	1.2	176	717	99
Minimum	29.0	11.8	1.8	22.6	0.33	3.8	6.4	0.08	21.2	56	1.0	114	714	*
Maximum	113.3	45.8	4.4	33.4	0.46	5.1	10.0	0.22	23.9	80	1.6	176	718	*
Average	79.0	31.6	3.4	29.2	0.36	4.4	7.2	0.13	22.6	64	1.3	127	716	*

H.S.R Layout, Near Central Silkboard- January 2024

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
01-1-2024	100.9	43.8	5.6	15.7	0.32	10.1	16.3	0.18	21.3	65	1.1	96	690	101
02-1-2024	97.0	46.8	6.8	15.2	0.30	8.4	16.5	0.16	21.4	67	1.3	91	689	97
03-1-2024	96.5	45.6	9.0	14.4	0.25	45.0	13.7	0.14	21.1	67	1.2	93	689	97
04-1-2024	111.0	46.7	7.1	15.2	0.34	36.3	11.3	0.19	21.2	71	1.1	96	689	107
05-1-2024	72.2	30.4	4.9	12.4	0.30	24.6	11.2	0.17	21.3	74	1.3	97	689	72
06-1-2024	67.4	28.3	5.7	12.6	0.30	16.7	10.9	0.17	21.9	71	1.4	91	689	67
07-1-2024	60.2	25.2	7.1	12.3	0.27	13.7	10.5	0.15	22.0	69	1.4	89	689	60
08-1-2024	39.4	16.5	5.9	13.3	0.24	14.6	9.5	0.13	20.2	81	1.4	88	690	39
09-1-2024	54.5	23.0	8.1	14.4	0.35	10.0	8.1	0.19	20.7	69	1.4	93	690	55
10-1-2024	94.3	39.5	6.5	13.9	0.31	9.3	8.3	0.17	21.1	64	1.5	90	689	94
11-1-2024	92.2	38.8	8.1	14.1	0.32	25.3	9.1	0.17	21.9	63	1.4	90	690	92
12-1-2024	103.2	43.3	7.4	16.1	0.35	29.8	11.6	0.19	21.2	62	1.5	87	690	102
13-1-2024	108.8	45.6	6.5	14.1	0.33	29.9	10.2	0.19	21.2	68	1.1	92	690	106
14-1-2024	132.1	55.5	6.7	16.5	0.37	29.9	11.0	0.21	22.3	63	1.0	95	690	121
15-1-2024	121.8	51.1	9.3	15.4	0.38	29.9	11.5	0.21	22.1	60	1.0	92	689	115
16-1-2024	124.9	52.5	7.3	15.5	0.47	30.0	10.6	0.26	21.8	61	1.1	95	689	117
17-1-2024	117.2	49.2	8.0	14.3	0.42	30.0	9.6	0.23	22.0	61	1.1	112	688	111
18-1-2024	121.6	51.2	8.4	14.6	0.39	29.5	9.5	0.22	22.0	60	1.0	117	689	114
19-1-2024	98.1	37.1	7.3	12.7	0.29	29.8	11.9	0.61	22.3	63	1.1	94	689	98
20-1-2024	97.5	42.9	5.9	17.9	0.23	29.8	22.1	0.12	22.4	62	1.2	98	690	98
21-1-2024	111.9	41.9	6.8	20.3	0.47	29.6	24.0	0.26	22.8	59	1.1	101	690	108
22-1-2024	96.3	36.8	7.3	19.1	0.41	29.9	23.7	0.22	23.2	58	1.1	94	691	96
23-1-2024	113.3	38.3	5.7	19.6	0.33	30.1	22.0	0.18	23.0	56	1.1	109	690	109
24-1-2024	116.3	50.1	6.6	19.8	0.44	30.1	22.4	0.25	22.6	61	1.1	126	690	111
25-1-2024	110.7	46.8	7.0	19.4	0.30	30.0	23.0	0.17	23.0	58	1.2	110	690	107
26-1-2024	70.6	26.5	4.3	17.7	0.21	30.0	22.0	0.12	22.1	58	1.4	94	692	71
27-1-2024	72.6	25.3	8.0	17.7	0.27	30.1	21.8	0.12	21.9	60	1.4	90	692	73
28-1-2024	62.0	25.0	5.7	17.0	0.22	30.1	21.0	0.12	21.4	63	1.2	89	691	62
29-1-2024	86.3	34.3	4.3	18.6	0.29	29.9	21.5	0.16	21.8	58	1.3	92	691	86
30-1-2024	161.0	51.0	6.3	24.0	0.75	30.0	22.1	0.42	22.0	56	1.0	110	690	141
31-1-2024	185.0	55.0	6.5	26.8	0.94	30.2	24.2	0.50	23.4	58	1.2	145	690	157
Minimum	39.4	16.5	4.3	12.3	0.21	8.4	8.1	0.12	20.2	56	1.0	87	688	*
Maximum	185.0	55.5	9.3	26.8	0.94	45.0	24.2	0.61	23.4	81	1.5	145	692	*
Average	99.9	40.1	6.8	16.5	0.36	26.2	15.5	0.21	21.9	63	1.2	99	690	*

R.V.Engineering College, Kengeri- January 2024

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
01-1-2024	99.0	29.8	5.6	23.9	1.04	26.0	13.3	0.59	23.2	71	0.9	79	887	87	99
02-1-2024	121.5	33.4	5.8	24.1	1.02	25.2	7.4	0.71	23.4	68	1.3	34	887	126	114
03-1-2024	91.2	28.8	5.6	28.8	0.85	28.5	9.7	0.41	22.4	77	1.2	191	885	68	91
04-1-2024	110.7	33.0	5.8	30.8	0.89	30.8	8.9	0.72	22.1	75	1.0	272	884	67	107
05-1-2024	120.2	40.7	5.9	18.2	1.51	33.7	7.4	2.89	22.3	77	0.6	179	885	96	113
06-1-2024	112.9	45.5	5.8	15.8	1.46	26.9	11.3	2.76	24.0	70	0.5	153	888	138	109
07-1-2024	195.5	46.1	5.9	22.6	1.03	26.5	10.0	0.95	24.5	69	0.6	138	889	135	164
08-1-2024	151.0	41.9	5.8	8.4	1.06	26.0	7.2	0.68	24.3	70	0.8	98	888	90	134
09-1-2024	123.6	40.5	5.9	24.4	0.95	25.0	9.9	0.50	24.0	71	0.9	70	888	106	116
10-1-2024	114.5	37.7	5.7	12.7	0.97	18.0	6.8	0.41	24.1	67	1.0	75	888	138	110
11-1-2024	134.1	42.1	5.5	14.2	0.96	22.1	10.8	0.65	23.9	65	0.8	98	888	115	123
12-1-2024	140.8	41.9	5.7	24.4	1.04	24.2	13.9	0.62	22.9	64	0.9	66	887	122	127
13-1-2024	141.1	42.7	5.9	24.4	0.95	30.4	6.8	0.56	22.2	62	1.0	57	885	140	127
14-1-2024	139.6	42.6	5.8	18.5	0.92	25.2	11.3	0.50	21.9	64	1.0	67	885	137	126
15-1-2024	142.5	41.3	5.7	8.4	1.05	21.4	7.2	0.68	22.4	71	1.0	62	886	126	128
16-1-2024	97.9	33.3	5.8	28.3	1.01	22.9	10.4	0.55	23.2	71	1.1	57	887	104	98
17-1-2024	99.8	33.6	5.7	30.8	1.03	23.6	8.6	0.59	22.2	71	1.0	60	885	67	100
18-1-2024	143.1	40.7	5.9	23.4	1.05	24.1	14.9	0.56	21.5	70	1.1	61	884	61	129
19-1-2024	180.1	51.3	5.8	7.5	1.08	24.8	6.6	0.70	22.3	62	1.1	52	886	136	153
20-1-2024	172.3	49.8	5.6	21.6	1.00	25.9	10.4	0.75	22.3	69	0.9	67	886	105	148
21-1-2024	160.7	47.7	5.4	24.4	1.04	24.8	8.5	1.11	22.4	70	0.8	90	885	136	140
22-1-2024	202.1	53.4	6.1	9.2	1.07	22.8	7.9	1.21	23.2	64	0.8	100	887	131	168
23-1-2024	195.9	53.6	5.7	19.0	1.09	19.6	11.7	1.01	21.9	51	0.9	86	886	156	164
24-1-2024	144.2	49.4	5.7	30.6	0.94	37.3	11.8	0.81	23.1	62	1.1	65	887	153	129
25-1-2024	106.8	42.5	5.3	28.2	0.79	48.2	14.0	0.50	22.4	68	1.1	76	885	120	105
26-1-2024	113.7	42.9	5.9	24.4	1.03	25.0	16.2	0.55	22.4	56	1.0	75	886	163	109
27-1-2024	108.5	39.9	5.7	24.4	1.04	26.0	6.6	0.57	22.6	55	1.0	65	887	166	106
28-1-2024	109.6	36.0	5.7	24.4	1.01	29.0	15.0	0.61	22.7	65	1.1	77	885	149	106
29-1-2024	101.8	34.0	5.5	24.4	1.48	32.6	17.1	0.40	21.4	70	1.0	74	884	46	101
30-1-2024	104.3	34.2	5.8	24.4	0.95	31.7	9.5	0.70	22.7	64	1.0	85	886	153	103
31-1-2024	126.1	39.9	6.0	30.6	0.85	26.6	9.0	0.67	21.8	64	1.0	86	885	161	117
Minimum	91.2	28.8	5.3	7.5	0.79	18.0	6.6	0.40	21.4	51	0.5	34	884	46	*
Maximum	202.1	53.6	6.1	30.8	1.51	48.2	17.1	2.89	24.5	77	1.3	272	889	166	*
Average	132.4	41.0	5.7	21.8	1.04	26.9	10.3	0.80	22.8	67	1.0	91	886	119	*

Jigani Industrial Area, Anekal- January 2024

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
01-1-2024	100.5	40.3	9.9	30.0	1.14	51.3	12.1	0.94	25.7	69	0.2	148	937	181	100
02-1-2024	115.6	45.0	7.3	24.0	1.25	48.9	8.1	0.75	25.5	72	0.2	188	937	152	110
03-1-2024	104.3	43.0	10.0	29.0	1.27	48.0	12.8	0.84	25.7	70	0.2	192	937	138	103
04-1-2024	113.5	57.6	9.6	30.2	1.26	44.0	11.8	0.88	25.6	77	0.2	179	937	92	109
05-1-2024	94.7	30.1	8.4	32.8	1.25	40.6	12.4	0.89	25.4	80	0.2	177	937	150	95
06-1-2024	77.9	24.9	7.6	31.8	1.21	38.7	11.2	1.12	26.0	77	0.2	154	937	178	78
07-1-2024	73.5	22.3	8.9	32.2	1.05	42.1	11.4	0.69	26.1	74	0.2	184	937	195	74
08-1-2024	65.5	22.4	7.2	26.2	0.94	32.4	9.0	0.94	24.9	88	0.2	157	938	60	66
09-1-2024	88.0	31.3	10.1	27.5	1.11	47.0	12.9	0.80	25.0	73	0.2	177	938	84	88
10-1-2024	97.2	38.5	10.4	28.3	1.19	47.3	12.1	0.68	25.4	70	0.2	174	938	138	97
11-1-2024	84.9	36.3	7.9	21.9	1.20	49.2	7.9	0.64	25.8	65	0.2	166	938	203	85
12-1-2024	118.9	52.1	10.4	24.8	1.19	52.8	10.9	0.72	25.5	69	0.2	161	938	208	113
13-1-2024	107.3	50.0	12.9	28.2	1.16	41.2	13.4	0.81	25.4	73	0.2	190	938	168	105
14-1-2024	127.0	63.5	12.9	28.2	1.20	61.6	13.4	0.77	25.9	68	0.3	131	938	173	118
15-1-2024	120.4	57.3	12.9	28.3	1.15	62.4	13.4	0.48	26.0	64	0.3	143	937	199	114
16-1-2024	106.2	59.4	9.3	23.4	1.38	52.8	9.2	0.63	25.8	65	0.2	164	937	196	104
17-1-2024	113.6	48.1	7.9	21.3	1.24	55.9	7.4	0.63	26.1	64	0.2	168	936	185	109
18-1-2024	99.6	42.5	7.9	21.3	1.23	45.9	7.4	1.01	26.3	62	0.2	176	937	178	100
19-1-2024	93.5	37.5	8.4	22.8	1.10	48.7	8.6	0.98	26.6	67	0.2	158	937	194	94
20-1-2024	92.8	38.6	6.4	19.8	1.19	44.5	10.4	0.79	26.1	65	0.2	171	938	180	93
21-1-2024	89.0	36.1	4.8	17.3	1.19	51.8	10.4	0.98	26.7	62	0.2	178	938	201	89
22-1-2024	93.2	35.5	7.8	23.4	1.15	47.7	13.8	0.70	26.7	59	0.2	172	938	202	93
23-1-2024	94.7	39.4	8.4	26.6	1.28	44.8	14.1	0.80	26.4	61	0.2	149	938	205	95
24-1-2024	119.9	54.5	7.9	23.7	1.18	48.2	12.7	0.64	26.3	65	0.2	172	938	141	113
25-1-2024	100.7	48.6	10.4	27.1	1.00	48.0	15.6	0.64	26.7	61	0.2	170	938	188	100
26-1-2024	76.0	24.9	11.8	29.4	1.08	41.3	17.4	0.65	26.0	59	0.2	179	939	218	76
27-1-2024	78.5	29.9	11.8	29.4	1.07	38.9	17.4	0.92	25.9	63	0.3	155	939	210	79
28-1-2024	77.5	26.7	11.8	29.4	1.21	43.4	17.4	0.90	25.7	65	0.2	156	939	177	78
29-1-2024	81.7	32.7	11.8	29.4	1.23	48.5	17.4	0.64	25.6	61	0.2	155	939	218	82
30-1-2024	109.7	49.4	7.9	24.7	1.30	53.0	12.7	0.64	26.4	59	0.3	135	938	208	106
31-1-2024	101.4	43.2	5.3	21.1	1.30	46.4	8.5	0.61	27.4	61	0.2	151	938	204	101
Minimum	65.5	22.3	4.8	17.3	0.94	32.4	7.4	0.48	24.9	59	0.2	131	936	60	*
Maximum	127.0	63.5	12.9	32.8	1.38	62.4	17.4	1.12	27.4	88	0.3	192	939	218	*
Average	97.3	40.7	9.2	26.2	1.18	47.3	12.0	0.78	26.0	67	0.2	165	938	175	*

Kasturinagar RTO- January 2024

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
01-1-2024	123.5	50.9	6.7	13.3	0.50	71.2	14.3	1.61	22.7	64	1.3	120	932	216	116
02-1-2024	134.1	54.5	6.7	13.2	0.51	71.5	14.3	1.61	22.3	67	1.4	105	925	188	123
03-1-2024	145.6	58.4	6.7	13.3	0.50	70.4	14.3	1.61	22.2	67	1.4	109	930	149	130
04-1-2024	145.4	58.4	6.7	13.3	0.50	61.6	14.3	0.54	22.4	70	1.2	140	930	113	130
05-1-2024	128.6	52.6	6.7	13.3	0.50	62.1	14.3	1.06	22.6	73	1.6	120	931	193	119
06-1-2024	123.4	50.9	6.7	13.3	0.50	52.3	14.3	1.36	22.9	72	1.6	105	930	210	116
07-1-2024	94.4	41.0	6.7	13.2	0.50	56.8	14.3	1.36	23.2	68	1.8	98	927	230	94
08-1-2024	55.2	27.7	6.7	13.3	0.49	40.0	14.3	1.36	21.0	85	1.8	97	927	80	55
09-1-2024	104.6	44.5	6.7	13.3	0.49	57.8	14.3	1.36	21.6	68	1.9	97	926	139	103
10-1-2024	125.8	51.7	6.7	13.3	0.50	68.2	14.3	1.36	22.0	64	1.7	102	932	148	117
11-1-2024	107.2	45.4	7.6	13.3	0.50	67.2	14.3	1.06	22.6	61	1.7	97	936	238	105
12-1-2024	158.6	62.9	7.8	13.4	0.50	77.8	14.4	0.96	22.3	63	1.7	102	937	244	139
13-1-2024	161.3	70.1	7.8	13.3	0.49	60.0	14.4	0.97	22.4	68	1.2	95	932	208	141
14-1-2024	193.9	80.7	7.8	13.3	0.50	78.9	14.2	0.98	23.1	62	1.0	130	928	236	169
15-1-2024	169.1	66.4	7.8	13.2	0.50	88.3	14.3	0.97	23.3	59	1.2	109	933	241	146
16-1-2024	162.6	64.2	7.8	13.3	0.49	81.8	14.3	0.97	22.7	60	1.1	132	942	234	142
17-1-2024	166.1	65.4	7.8	13.3	0.50	88.8	14.3	0.98	22.9	60	1.2	142	942	232	144
18-1-2024	141.8	57.1	7.8	13.3	0.50	69.2	14.3	0.97	22.9	60	1.3	128	932	209	128
19-1-2024	146.2	58.6	7.8	13.2	0.49	71.2	14.3	0.97	23.4	64	1.3	112	927	234	131
20-1-2024	129.7	53.0	7.8	13.3	0.50	73.2	14.4	0.97	23.3	61	1.3	125	926	222	120
21-1-2024	104.1	44.9	7.8	13.2	0.50	72.6	14.3	0.97	24.0	58	1.2	144	924	243	103
22-1-2024	130.5	53.3	7.8	13.3	0.49	67.0	14.3	0.96	24.1	55	1.3	140	924	243	120
23-1-2024	144.8	58.2	7.8	13.2	0.49	74.5	14.3	0.97	23.8	56	1.3	153	925	246	130
24-1-2024	169.5	66.6	7.8	13.3	0.50	73.1	14.3	0.97	23.5	61	1.4	162	921	203	146
25-1-2024	148.7	59.5	7.8	13.2	0.50	69.9	14.3	0.97	23.9	58	1.4	121	934	215	133
26-1-2024	97.4	42.1	7.8	13.3	0.50	61.2	14.3	0.97	23.0	57	1.5	99	942	253	97
27-1-2024	90.9	39.8	7.8	13.3	0.50	56.1	14.4	0.97	22.8	59	1.6	87	940	248	91
28-1-2024	88.0	38.8	7.8	13.3	0.49	59.6	14.3	0.97	22.5	62	1.6	94	931	205	88
29-1-2024	120.1	49.8	7.8	13.3	0.49	69.8	14.3	0.97	22.5	56	1.3	98	932	254	113
30-1-2024	144.6	56.3	7.8	13.3	0.49	69.2	14.3	0.98	23.3	53	1.2	138	930	240	130
31-1-2024	132.2	54.1	7.8	13.3	0.50	62.2	14.3	0.97	24.6	58	1.4	186	946	241	121
Minimum	55.2	27.7	6.7	13.2	0.49	40.0	14.2	0.54	21.0	53	1.0	87	921	80	*
Maximum	193.9	80.7	7.8	13.4	0.51	88.8	14.4	1.61	24.6	85	1.9	186	946	254	*
Average	131.9	54.1	7.4	13.3	0.50	67.9	14.3	1.09	22.9	63	1.4	119	931	212	*

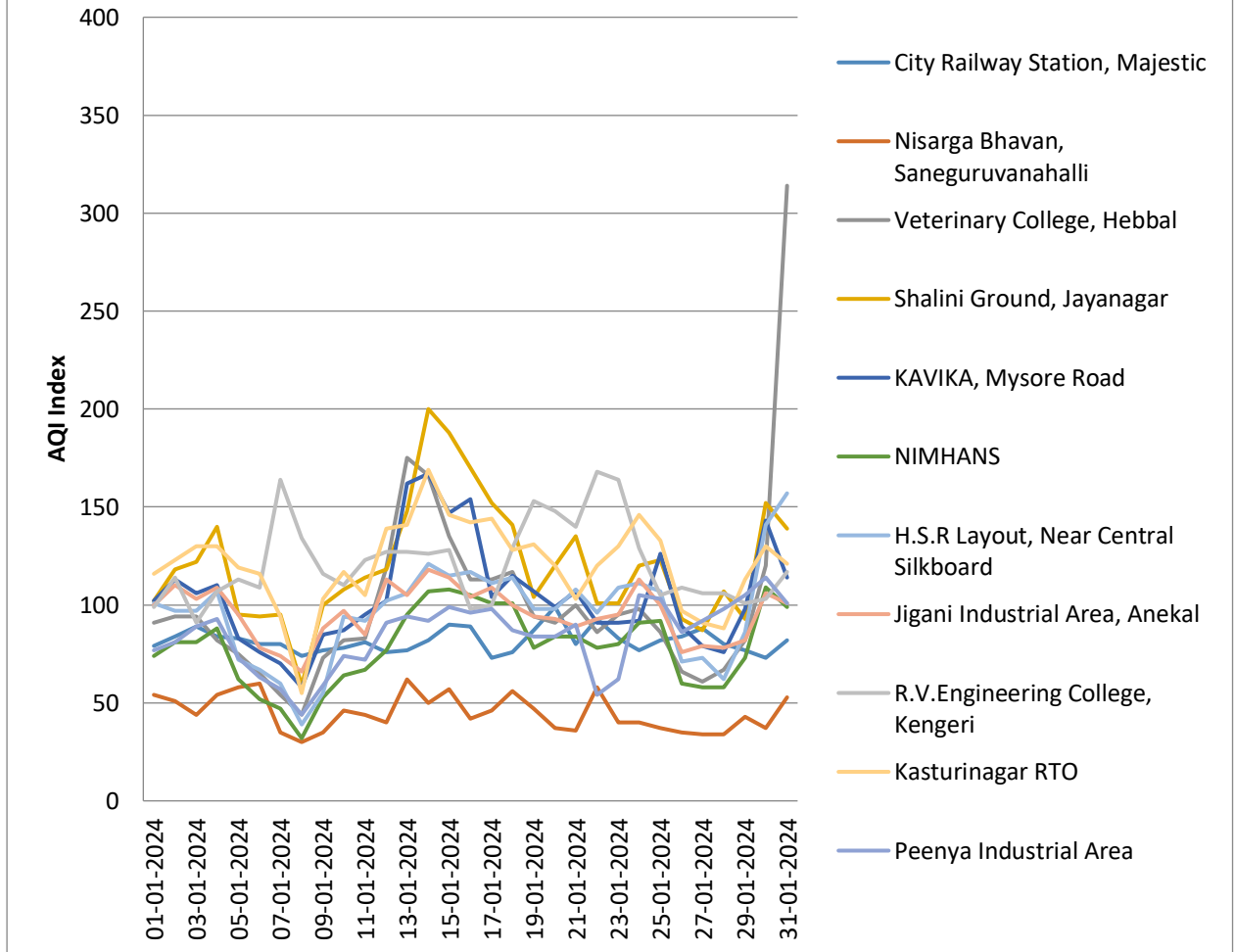
Peenya Industrial Area, Peenya- January 2024

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
01-1-2024	75.1	28.9	6.2	15.1	0.66	77.0	15.3	2.27	23.4	48	0.6	114	939	74	77
02-1-2024	81.1	33.4	6.1	20.4	0.71	72.8	15.3	2.91	23.4	53	0.6	112	939	93	81
03-1-2024	89.0	33.7	8.6	17.0	0.79	70.7	15.3	3.45	23.1	69	0.5	108	938	74	89
04-1-2024	92.6	33.8	8.1	21.2	0.78	62.7	15.2	3.36	23.1	81	0.5	129	938	56	93
05-1-2024	72.6	33.3	6.8	21.8	0.77	66.5	15.3	3.55	23.2	79	0.7	118	938	57	73
06-1-2024	62.6	30.0	5.7	16.2	0.64	57.5	15.3	2.58	23.6	74	0.6	116	938	73	63
07-1-2024	54.1	16.2	4.3	16.1	0.57	56.9	15.2	2.31	23.9	62	0.5	107	938	78	57
08-1-2024	44.2	24.0	3.0	21.2	0.65	31.4	15.3	2.22	22.5	79	0.4	106	939	48	44
09-1-2024	58.7	18.9	5.5	22.4	0.61	54.2	15.3	2.23	22.7	61	0.5	110	939	70	59
10-1-2024	74.2	20.9	9.7	25.2	0.66	68.1	15.3	2.21	22.9	51	0.6	115	939	75	74
11-1-2024	72.4	28.8	7.9	26.3	0.68	63.8	15.3	2.22	23.4	69	0.5	106	939	87	72
12-1-2024	90.9	32.5	8.6	24.5	0.74	78.0	15.2	2.46	23.2	60	0.5	112	939	87	91
13-1-2024	94.0	35.0	5.5	27.6	0.79	64.2	15.3	3.28	23.3	62	0.5	108	940	88	94
14-1-2024	92.2	28.3	5.7	31.6	0.72	84.7	15.2	2.67	23.8	58	0.4	93	939	90	92
15-1-2024	98.9	26.5	7.2	15.9	0.81	90.5	15.3	2.35	23.6	63	0.5	107	939	90	99
16-1-2024	96.1	30.8	6.0	14.9	0.77	92.7	15.3	4.48	23.3	64	0.6	120	938	89	96
17-1-2024	97.5	26.1	7.7	16.7	0.90	94.1	15.3	3.82	23.6	66	0.7	126	938	94	98
18-1-2024	86.7	24.5	12.4	13.7	0.74	67.0	15.3	3.67	23.5	60	0.6	127	938	89	87
19-1-2024	84.4	25.2	8.5	13.4	0.75	83.9	15.3	2.82	23.8	71	0.6	113	938	85	84
20-1-2024	81.1	27.7	7.9	13.4	0.67	84.4	15.3	2.56	23.9	55	0.6	118	939	86	84
21-1-2024	75.1	33.0	6.1	13.4	0.79	90.4	15.3	3.08	24.3	52	0.6	117	939	86	90
22-1-2024	52.1	26.7	5.1	19.6	1.07	35.1	13.2	4.29	23.7	63	0.5	115	939	74	54
23-1-2024	62.4	36.3	5.6	17.7	0.77	26.9	12.4	2.84	23.4	71	0.4	128	939	55	62
24-1-2024	107.1	47.4	5.9	15.3	0.80	26.4	12.3	2.00	23.8	79	0.4	103	939	80	105
25-1-2024	104.3	43.1	6.6	15.0	0.79	42.0	15.8	1.34	23.8	76	0.4	105	940	79	103
26-1-2024	85.9	34.7	7.4	17.0	0.70	57.4	15.8	1.57	23.8	51	0.4	99	940	75	86
27-1-2024	92.4	39.1	7.7	19.1	0.72	65.0	17.5	1.65	23.3	56	0.4	83	940	85	92
28-1-2024	98.0	37.0	11.2	21.8	0.82	39.3	19.2	1.64	23.4	68	0.4	78	939	83	98
29-1-2024	107.1	43.7	10.5	25.2	0.77	37.9	18.0	1.65	22.6	78	0.3	72	939	66	105
30-1-2024	120.9	49.6	6.6	16.4	0.79	37.5	14.4	2.88	23.6	70	0.4	103	939	95	114
31-1-2024	101.4	43.2	5.3	21.1	1.30	46.4	8.5	0.61	27.4	61	0.2	151	938	204	101
Minimum	44.2	16.2	3.0	13.4	0.57	26.4	8.5	0.61	22.5	48	0.2	72	938	48	*
Maximum	120.9	49.6	12.4	31.6	1.30	94.1	19.2	4.48	27.4	81	0.7	151	940	204	*
Average	84.0	32.0	7.1	19.2	0.77	62.1	15.1	2.61	23.6	65	0.5	110	939	83	*

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 CAAQMS in Bengaluru for the month of January-2024



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 January 2024 reveals that the Air quality is Good to Moderate.

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