



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

Air Quality Monitoring Cell

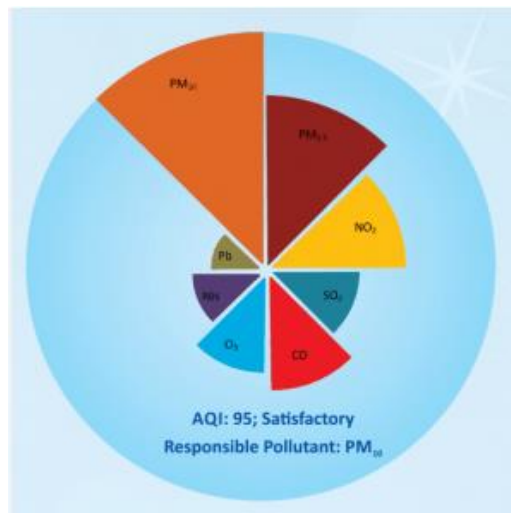
Air Quality Index of CAAQM Stations monitored in Bengaluru city-October-2024.

Air Quality Index-(AQI)

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

There are six AQI categories, namely Good, Satisfactory, Moderate, Poor, Very Poor, and Severe. Each of these categories is decided based on ambient concentration values of air pollutants and their likely health impacts (known as health breakpoints). AQI sub-index and health breakpoints are evolved for eight pollutants (PM₁₀, PM_{2.5}, NO₂, SO₂, CO, O₃, NH₃, and C₆H₆) 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-2024 is as shown below:

Daily AQI Values of Bengaluru (October-2024)

Date / Station Name	City Railway Station, Majestic	Nisarga Bhavan, Saneguruvanahalli	Veterinary College, Hebbal	Shalini Ground, Jayanagar	KAVIKA, Mysore Road	NIMHANS	H.S.R Layout, Near Central Silkboard	Jigani Industrial Area, Anekal	R.V. College of Engineering, Kengeri	Kasturinaragar RTO	NTTF, Peenya Industrial Area
01-10-2024	92	41	62	60	74	50	86	75	123	66	60
02-10-2024	70	39	46	57	55	33	61	58	80	55	40
03-10-2024	67	41	32	28	58	35	101	51	77	66	31
04-10-2024	65	38	30	43	62	41	100	50	95	82	34
05-10-2024	77	38	19	28	43	36	51	61	75	79	34
06-10-2024	117	37	60	53	77	42	63	90	122	104	61
07-10-2024	97	42	92	79	111	67	87	86	141	95	82
08-10-2024	77	40	59	50	68	44	59	77	95	72	65
09-10-2024	80	41	55	45	56	43	56	65	81	51	52
10-10-2024	68	47	57	38	55	39	61	57	75	48	53
11-10-2024	81	38	53	45	55	38	41	76	92	50	48
12-10-2024	67	37	37	26	40	34	24	50	62	52	34
13-10-2024	66	36	34	20	43	24	24	47	54	53	34
14-10-2024	66	35	30	37	60	26	39	43	75	54	34
15-10-2024	76	37	25	22	43	34	40	34	70	90	35
16-10-2024	75	39	25	23	56	33	47	46	45	75	34
17-10-2024	75	38	27	19	46	24	73	35	40	53	35
18-10-2024	78	38	33	28	66	28	115	49	68	45	46
19-10-2024	79	35	37	36	55	39	50	50	89	62	37
20-10-2024	79	37	43	33	53	42	33	46	85	53	40
21-10-2024	79	39	44	35	49	29	47	54	77	55	46
22-10-2024	79	37	40	28	63	36	40	46	98	55	44
23-10-2024	79	41	61	43	87	41	63	50	143	54	52
24-10-2024	76	42	68	63	94	44	119	68	107	46	79
25-10-2024	82	39	91	106	146	79	283	109	223	94	137
26-10-2024	82	38	175	124	174	149	200	129	295	112	154
27-10-2024	86	38	127	115	169	95	198	115	246	110	173
28-10-2024	108	38	123	107	118	76	153	111	227	109	146
29-10-2024	117	49	95	102	105	66	149	120	230	93	112
30-10-2024	120	56	156	109	117	80	141	97	185	108	145
31-10-2024	134	84	232	122	122	114	152	198	132	109	151
Min	65	35	19	19	40	24	24	34	40	45	31
Max	134	84	232	124	174	149	283	198	295	112	173

* 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 2024					
Date	PM₁₀ µg/m³	SO₂ µg/m³	NO₂ µg/m³	CO mg/m³	AQI
01-10-2024	92.3	14.6	28.1	1.33	92
02-10-2024	56.6	15.0	28.4	1.39	70
03-10-2024	58.6	15.0	25.9	1.34	67
04-10-2024	59.2	11.9	26.2	1.30	65
05-10-2024	76.9	13.8	25.1	1.35	77
06-10-2024	124.9	15.0	25.0	1.35	117
07-10-2024	96.9	13.6	25.6	1.34	97
08-10-2024	77.0	14.4	25.8	1.37	77
09-10-2024	79.8	11.5	26.5	1.33	80
10-10-2024	55.1	11.0	26.6	1.35	68
11-10-2024	81.2	11.0	26.6	1.38	81
12-10-2024	35.0	11.0	26.2	1.34	67
13-10-2024	32.4	11.0	26.1	1.31	66
14-10-2024	51.3	14.1	24.7	1.32	66
15-10-2024	75.7	11.1	22.7	1.38	76
16-10-2024	75.3	10.0	23.3	1.39	75
17-10-2024	75.3	12.2	24.2	1.49	75
18-10-2024	78.4	11.4	24.6	1.32	78
19-10-2024	79.3	11.9	24.9	1.35	79
20-10-2024	79.3	11.0	24.9	1.30	79
21-10-2024	79.3	9.8	24.5	1.37	79
22-10-2024	79.4	8.6	23.9	1.39	79
23-10-2024	79.3	7.4	24.6	1.56	79
24-10-2024	76.0	6.2	24.3	1.49	76
25-10-2024	73.3	12.1	24.6	1.64	82
26-10-2024	73.4	11.6	25.5	1.64	82
27-10-2024	73.3	13.8	25.7	1.71	86
28-10-2024	112.2	11.0	26.3	1.53	108
29-10-2024	125.7	11.0	26.4	1.51	117
30-10-2024	130.1	14.5	25.0	1.53	120
31-10-2024	151.1	19.6	29.7	2.26	134
Minimum	32.4	6.2	22.7	1.30	*
Maximum	151.1	19.6	29.7	2.26	*
Average	80.4	12.1	25.5	1.44	*

Nisarga Bhavan, Saneguruvanahalli - October 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
01-10-2024	41.2	2.1	22.4	0.38	26.6	65	0.1	153	86	41
02-10-2024	39.0	2.2	18.7	0.35	25.5	72	0.8	156	106	39
03-10-2024	40.9	1.9	19.2	0.37	22.2	61	0.9	151	66	41
04-10-2024	38.3	2.1	18.4	0.31	22.9	70	0.6	148	69	38
05-10-2024	37.7	2.1	20.6	0.39	23.1	79	0.2	150	86	38
06-10-2024	36.8	2.3	21.6	0.39	24.9	68	0.1	139	61	37
07-10-2024	42.3	2.2	20.0	0.36	25.0	69	0.2	142	92	42
08-10-2024	40.0	2.1	21.0	0.38	24.8	68	0.2	150	84	40
09-10-2024	40.8	2.1	21.6	0.37	24.7	69	0.1	151	85	41
10-10-2024	47.0	2.1	20.2	0.35	23.5	72	0.3	156	53	47
11-10-2024	38.3	2.1	20.0	0.40	24.6	73	0.8	144	61	38
12-10-2024	36.9	2.1	19.7	0.40	24.1	76	0.6	150	54	37
13-10-2024	35.6	2.1	19.8	0.42	23.7	79	0.6	152	44	36
14-10-2024	35.3	2.0	19.6	0.35	22.0	82	1.0	148	29	35
15-10-2024	36.5	2.1	22.3	0.39	23.6	74	0.2	139	17	37
16-10-2024	39.1	2.0	20.2	0.39	22.0	81	0.2	146	22	39
17-10-2024	38.2	2.1	19.2	0.36	23.1	78	0.4	150	36	38
18-10-2024	38.0	2.0	19.6	0.39	23.2	74	0.2	145	76	38
19-10-2024	35.2	1.9	22.3	0.46	21.5	86	0.3	148	24	35
20-10-2024	36.6	1.8	20.1	0.37	22.6	79	0.1	148	52	37
21-10-2024	39.2	2.1	20.8	0.36	22.6	79	0.6	148	64	39
22-10-2024	37.4	2.1	24.5	0.43	25.4	82	0.4	144	74	37
23-10-2024	40.9	2.1	21.5	0.35	24.4	77	0.3	146	87	41
24-10-2024	41.6	4.9	24.8	0.52	22.0	78	0.4	146	33	42
25-10-2024	38.5	3.6	27.0	0.38	22.5	65	0.2	148	57	39
26-10-2024	37.9	2.1	24.4	0.43	22.3	64	0.2	150	62	38
27-10-2024	38.4	2.1	25.1	0.51	22.4	66	0.2	152	45	38
28-10-2024	38.3	1.4	21.5	0.38	23.8	65	0.1	151	64	38
29-10-2024	49.3	1.7	22.9	0.42	24.3	69	0.1	152	52	49
30-10-2024	56.1	2.1	25.8	0.46	23.8	72	0.8	157	39	56
31-10-2024	84.3	8.5	25.0	0.95	24.4	74	0.6	150	42	84
Minimum	35.2	1.4	18.4	0.31	21.5	61	0.1	139	17	*
Maximum	84.3	8.5	27.0	0.95	26.6	86	1.0	157	106	*
Average	41.1	2.4	21.6	0.41	23.6	73	0.4	149	59	*

Veterinary College, Hebbal - October 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
01-10-2024	55.7	37.4	4.8	3.9	0.47	7.9	4.9	0.13	25.9	50	0.4	250	710	62
02-10-2024	33.8	27.8	7.6	3.9	0.34	18.9	4.9	0.10	25.3	56	0.5	221	710	46
03-10-2024	21.1	19.2	5.7	4.0	0.39	10.3	4.9	0.11	21.7	60	0.4	255	710	32
04-10-2024	22.0	18.0	7.6	4.0	0.36	7.1	4.9	0.10	23.9	57	0.4	252	711	30
05-10-2024	19.0	11.1	6.4	4.0	0.32	7.1	4.9	0.09	23.0	60	0.4	253	711	19
06-10-2024	60.4	35.1	5.5	4.1	0.38	5.6	4.9	0.11	24.0	57	0.4	254	711	60
07-10-2024	90.5	55.2	6.0	4.1	0.38	6.2	4.9	0.11	24.6	54	0.5	229	712	92
08-10-2024	58.4	35.6	6.4	4.0	0.42	6.1	4.9	0.12	24.8	55	0.6	168	712	59
09-10-2024	55.3	28.7	6.0	4.0	0.41	7.3	4.9	0.12	25.0	54	0.6	143	710	55
10-10-2024	48.3	34.3	6.3	4.0	0.38	5.7	4.9	0.11	24.0	57	0.5	178	709	57
11-10-2024	48.1	31.6	6.9	4.1	0.39	5.2	4.9	0.11	23.8	59	0.5	188	709	53
12-10-2024	36.5	20.9	6.6	4.1	0.40	5.1	4.9	0.11	23.6	58	0.5	170	710	37
13-10-2024	34.2	19.2	5.6	4.1	0.42	4.9	4.9	0.12	23.2	59	0.5	208	711	34
14-10-2024	30.3	17.0	6.5	4.0	0.32	5.1	4.9	0.09	21.4	55	0.3	297	711	30
15-10-2024	20.6	15.1	8.2	4.1	0.43	5.1	4.9	0.12	19.9	23	0.3	264	710	25
16-10-2024	19.1	15.1	8.6	4.0	0.34	5.5	4.8	0.09	20.0	36	0.3	297	710	25
17-10-2024	27.0	15.8	9.5	4.1	0.40	5.5	4.9	0.12	22.4	61	0.4	215	709	27
18-10-2024	32.7	15.8	10.1	4.0	0.42	7.5	4.9	0.12	23.1	57	0.5	236	710	33
19-10-2024	32.0	22.0	9.5	4.0	0.42	5.7	4.9	0.12	22.1	60	0.3	267	712	37
20-10-2024	37.0	26.1	8.1	4.0	0.33	6.5	4.8	0.09	23.2	61	0.3	275	713	43
21-10-2024	37.3	26.3	10.7	3.9	0.36	6.7	4.9	0.10	23.5	59	0.3	210	713	44
22-10-2024	39.0	24.2	9.1	3.9	0.38	6.3	4.9	0.10	22.3	57	0.3	267	713	40
23-10-2024	52.5	36.4	7.7	3.8	0.39	6.0	4.9	0.11	22.9	50	0.4	279	712	61
24-10-2024	63.4	40.5	8.6	3.9	0.60	6.9	4.9	0.16	21.9	48	0.3	287	712	68
25-10-2024	78.3	54.5	8.0	3.8	0.55	7.6	4.9	0.15	22.9	38	0.3	292	712	91
26-10-2024	112.1	82.5	6.8	3.7	0.45	9.7	4.9	0.13	22.4	39	0.3	299	711	175
27-10-2024	96.3	68.1	8.3	3.7	0.45	9.4	4.9	0.13	21.9	45	0.3	293	710	127
28-10-2024	101.1	67.1	5.4	3.6	0.49	9.9	4.8	0.14	23.3	49	0.3	281	709	123
29-10-2024	81.8	56.8	5.8	3.6	0.43	8.3	4.9	0.12	23.5	53	0.3	270	710	95
30-10-2024	102.4	76.9	5.4	3.6	0.48	7.2	4.9	0.13	22.3	60	0.3	278	711	156
31-10-2024	122.4	99.6	7.6	3.5	0.35	7.7	4.9	0.10	23.4	58	0.3	256	711	232
Minimum	19.0	11.1	4.8	3.5	0.32	4.9	4.8	0.09	19.9	23	0.3	143	709	*
Maximum	122.4	99.6	10.7	4.1	0.60	18.9	4.9	0.16	25.9	61	0.6	299	713	*
Average	53.8	36.6	7.3	3.9	0.41	7.2	4.9	0.11	23.1	53	0.4	246	711	*

Shalini Ground, Jayanagar - October 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
01-10-2024	60.2	32.5	9.1	9.6	0.77	18.3	11.8	0.2	25.4	66	0.7	203	713	60
02-10-2024	32.4	19.9	8.5	8.5	1.13	18.4	11.6	0.2	25.0	71	1.1	200	714	57
03-10-2024	26.4	17.0	6.4	9.5	0.38	17.7	11.2	0.1	23.8	79	1.0	225	713	28
04-10-2024	35.4	25.5	9.6	8.0	0.36	18.2	12.0	0.3	24.2	81	0.9	225	713	43
05-10-2024	20.7	16.8	12.7	7.7	0.40	18.4	12.1	0.4	23.5	85	0.7	231	714	28
06-10-2024	52.8	31.2	10.4	8.5	0.43	18.7	12.3	0.3	24.5	77	0.4	210	714	53
07-10-2024	78.9	47.3	9.3	9.4	0.45	18.3	12.4	0.2	24.8	72	0.5	150	714	79
08-10-2024	49.2	30.0	8.5	8.4	0.40	18.4	11.7	0.2	24.8	74	0.6	183	715	50
09-10-2024	44.7	24.1	10.5	7.7	0.38	18.4	11.8	0.3	24.9	72	0.8	178	713	45
10-10-2024	36.0	22.5	4.8	6.8	0.33	18.3	11.7	0.1	24.4	77	0.9	202	712	38
11-10-2024	38.3	26.8	9.3	5.6	0.40	18.7	12.0	0.2	24.5	78	0.6	185	712	45
12-10-2024	23.6	15.3	8.1	5.1	0.36	18.8	12.2	0.2	24.1	81	0.4	179	713	26
13-10-2024	20.4	10.0	8.8	4.8	0.31	18.6	12.2	0.2	24.2	80	0.5	179	713	20
14-10-2024	27.3	13.9	12.3	5.0	0.47	18.6	12.8	0.4	23.4	84	0.4	193	713	37
15-10-2024	12.8	9.4	7.9	4.5	0.43	18.7	12.5	0.2	22.4	93	0.6	229	713	22
16-10-2024	18.6	13.0	5.8	4.5	0.46	18.6	12.6	0.1	22.5	93	0.5	237	713	23
17-10-2024	19.4	10.6	4.1	3.7	0.29	18.6	12.4	0.1	23.7	81	1.2	215	712	19
18-10-2024	27.6	12.8	9.9	3.5	0.48	18.5	12.6	0.3	24.0	77	1.0	224	713	28
19-10-2024	35.9	16.3	8.9	10.6	0.56	18.4	11.3	0.2	23.4	87	0.7	227	716	36
20-10-2024	33.0	19.3	5.0	11.7	0.41	18.1	12.0	0.1	24.2	83	0.4	204	717	33
21-10-2024	35.3	17.9	8.5	6.0	0.39	18.6	11.9	0.2	24.3	81	0.6	197	716	35
22-10-2024	28.1	11.9	9.2	6.2	0.52	18.8	12.3	0.2	23.5	84	0.4	164	715	28
23-10-2024	42.9	21.8	9.9	10.5	0.57	24.4	10.2	0.3	23.9	83	0.4	225	715	43
24-10-2024	63.3	27.2	11.8	12.3	0.69	21.1	9.4	0.3	23.5	85	0.4	235	715	63
25-10-2024	108.8	47.4	10.0	13.6	0.69	20.0	10.2	0.3	24.1	74	0.6	244	714	106
26-10-2024	136.5	61.1	8.7	12.7	0.76	20.2	8.9	0.2	23.8	73	0.5	230	714	124
27-10-2024	122.1	54.1	8.3	7.9	0.63	13.2	9.0	0.2	23.5	75	0.6	260	713	115
28-10-2024	110.4	51.6	8.6	5.5	0.45	16.9	9.0	0.2	24.3	71	0.8	237	713	107
29-10-2024	103.3	47.3	7.5	4.3	0.52	20.5	9.1	0.2	24.4	71	1.0	226	713	102
30-10-2024	114.1	48.4	5.2	4.5	0.38	18.1	9.3	0.1	24.1	76	0.6	204	714	109
31-10-2024	126.9	66.5	6.8	8.2	0.33	16.6	9.0	0.2	24.2	79	0.5	200	715	122
Minimum	12.8	9.4	4.1	3.5	0.29	13.2	8.9	0.1	22.4	66	0.4	150	712	*
Maximum	136.5	66.5	12.7	13.6	1.13	24.4	12.8	0.4	25.4	93	1.2	260	717	*
Average	54.4	28.0	8.5	7.6	0.49	18.6	11.3	0.2	24.0	79	0.7	210	714	*

KAVIKA, Mysore Road - October 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
01-10-2024	74.0	35.6	5.3	12.3	0.71	36.8	5.2	0.3	27.3	48.9	0.7	184	720	74
02-10-2024	55.0	28.0	3.9	12.3	0.61	38.0	5.2	0.2	26.5	53.8	1.0	232	721	55
03-10-2024	57.5	29.5	4.9	12.4	0.85	31.7	5.2	0.3	23.6	53.8	1.0	258	722	58
04-10-2024	62.2	30.6	4.4	12.2	0.93	29.1	5.2	0.3	24.7	57.8	0.9	255	721	62
05-10-2024	39.9	21.9	5.4	12.2	0.86	29.3	5.2	0.3	23.7	54.5	0.8	244	722	43
06-10-2024	77.3	36.8	5.1	12.2	0.89	33.4	5.3	0.3	25.0	52.8	0.6	194	722	77
07-10-2024	116.7	52.7	5.7	12.3	0.91	28.6	5.1	0.3	25.8	51.0	0.8	133	724	111
08-10-2024	67.6	33.0	5.7	12.3	0.59	36.7	5.2	0.3	26.1	53.7	0.8	159	725	68
09-10-2024	55.6	28.4	6.2	12.3	0.56	36.2	5.2	0.4	26.0	58.4	0.8	161	723	56
10-10-2024	54.9	28.0	5.2	12.2	0.64	36.8	5.2	0.3	25.0	50.0	0.8	212	721	55
11-10-2024	54.7	27.8	5.7	12.3	0.69	33.5	5.2	0.3	25.2	50.1	0.7	162	721	55
12-10-2024	39.8	21.8	4.8	12.2	0.61	29.6	5.3	0.3	24.6	50.6	0.7	143	722	40
13-10-2024	42.7	23.0	5.0	12.1	0.66	27.5	5.2	0.3	24.5	49.5	0.8	144	723	43
14-10-2024	56.1	28.5	5.5	12.3	1.20	27.6	5.2	0.3	23.1	49.0	0.7	150	723	60
15-10-2024	29.1	17.6	6.1	12.3	0.85	27.6	5.2	0.4	20.6	53.0	0.6	246	722	43
16-10-2024	36.5	20.8	5.4	12.3	1.12	26.6	5.2	0.3	21.1	52.5	0.5	233	721	56
17-10-2024	45.8	24.2	5.6	12.2	0.57	29.0	5.2	0.3	23.5	50.7	0.7	246	721	46
18-10-2024	66.0	32.3	6.0	12.3	0.79	29.2	5.2	0.4	24.3	47.5	0.9	242	722	66
19-10-2024	52.2	26.9	6.2	12.2	1.09	28.8	5.2	0.4	23.0	54.3	0.7	222	723	55
20-10-2024	52.5	27.1	5.5	12.3	0.94	36.8	5.2	0.3	24.3	53.7	0.6	195	724	53
21-10-2024	48.9	25.8	5.4	12.2	0.86	35.1	5.2	0.3	24.9	51.4	0.7	175	724	49
22-10-2024	62.7	31.0	5.4	12.3	1.04	33.1	5.2	0.3	23.8	48.8	0.7	146	724	63
23-10-2024	87.4	41.5	4.5	12.4	1.26	30.9	5.1	0.3	24.4	50.1	0.6	189	724	87
24-10-2024	93.5	43.7	5.1	12.2	1.06	33.9	5.2	0.3	23.6	49.3	0.6	219	721	94
25-10-2024	169.5	73.9	5.2	12.3	1.20	34.2	5.2	0.3	24.8	44.1	0.7	242	721	146
26-10-2024	190.4	82.3	4.7	12.1	1.61	28.9	5.2	0.3	24.5	38.3	0.7	225	721	174
27-10-2024	185.7	80.7	5.6	12.2	1.72	32.2	5.2	0.3	23.7	41.8	0.7	235	722	169
28-10-2024	126.6	53.4	5.0	12.2	1.21	40.4	5.3	0.3	25.1	42.0	0.7	236	722	118
29-10-2024	107.0	43.0	4.9	12.2	1.00	42.1	5.3	0.3	25.6	43.6	0.9	234	723	105
30-10-2024	124.9	49.9	5.6	12.2	1.39	39.1	5.2	0.3	24.3	47.9	0.7	190	723	117
31-10-2024	133.0	53.1	5.6	12.3	0.98	39.7	5.2	0.3	24.9	47.8	0.6	173	724	122
Minimum	29.1	17.6	3.9	12.1	0.56	26.6	5.1	0.2	20.6	38.3	0.5	133	720	*
Maximum	190.4	82.3	6.2	12.4	1.72	42.1	5.3	0.4	27.3	58.4	1.0	258	725	*
Average	79.5	37.2	5.3	12.2	0.95	33.0	5.2	0.3	24.4	50.0	0.7	203	722	*

NIMHANS - October 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
01-10-2024	50.0	24.5	14.7	11.1	0.57	22.4	4.6	0.17	26.3	52	0.7	159	712	50
02-10-2024	31.5	17.0	16.1	8.7	0.66	23.2	3.9	0.09	25.8	56	1.1	219	713	33
03-10-2024	26.7	13.9	14.8	18.5	0.69	18.4	6.2	0.08	23.3	61	1.5	269	713	35
04-10-2024	30.0	17.3	12.2	25.9	0.81	16.0	8.4	0.12	24.2	62	1.3	268	713	41
05-10-2024	21.5	12.9	13.4	14.4	0.72	16.9	4.5	0.09	23.2	65	1.0	251	713	36
06-10-2024	41.8	25.4	16.2	16.2	0.76	21.2	4.0	0.11	24.4	60	0.7	186	713	42
07-10-2024	62.4	40.0	11.5	14.4	0.64	27.4	6.9	0.10	24.8	57	1.0	122	714	67
08-10-2024	41.1	26.5	9.9	32.4	0.52	26.9	12.4	0.07	24.8	58	1.0	137	714	44
09-10-2024	37.3	20.3	3.9	34.6	0.52	23.2	11.1	0.08	25.1	57	1.1	138	712	43
10-10-2024	34.1	20.8	11.8	31.3	0.50	23.8	12.1	0.09	24.9	59	1.0	177	711	39
11-10-2024	33.1	21.4	8.7	30.5	0.47	18.5	11.3	0.07	24.5	61	0.9	142	711	38
12-10-2024	23.2	12.5	10.3	27.5	0.48	12.0	9.4	0.06	23.7	64	0.9	134	712	34
13-10-2024	20.8	9.1	9.5	17.7	0.47	10.5	5.8	0.06	23.8	63	0.9	125	712	24
14-10-2024	18.5	9.4	8.6	14.7	0.52	15.6	4.3	0.07	22.3	64	0.9	146	712	26
15-10-2024	15.6	9.6	9.0	17.2	0.67	8.9	4.1	0.09	20.6	71	0.8	254	712	34
16-10-2024	18.0	10.6	10.0	17.7	0.65	8.4	3.6	0.13	20.3	71	0.7	241	712	33
17-10-2024	21.5	9.0	8.4	14.8	0.48	16.9	3.8	0.08	24.5	60	1.3	258	711	24
18-10-2024	27.6	10.7	11.1	15.7	0.54	15.0	4.3	0.07	24.0	59	1.1	249	712	28
19-10-2024	28.6	18.0	12.3	18.4	0.77	13.4	5.2	0.12	22.7	68	0.8	229	713	39
20-10-2024	31.2	18.3	7.6	10.4	0.84	21.1	3.4	0.13	24.7	62	0.6	157	713	42
21-10-2024	28.5	17.3	8.9	4.4	0.55	27.0	2.8	0.08	24.4	62	0.9	107	714	29
22-10-2024	23.0	12.5	9.0	5.7	0.71	21.3	1.8	0.09	22.9	64	0.7	66	714	36
23-10-2024	35.5	24.7	11.4	5.7	0.69	23.5	1.9	0.15	23.7	64	0.6	70	714	41
24-10-2024	39.0	26.6	9.5	5.5	0.63	24.0	1.6	0.15	22.9	67	0.4	62	714	44
25-10-2024	65.4	47.5	9.4	6.6	0.84	29.4	2.6	0.16	23.8	59	0.7	142	713	79
26-10-2024	90.8	74.7	9.3	8.0	0.83	30.3	3.1	0.20	23.1	58	0.6	142	713	149
27-10-2024	80.6	56.9	12.6	7.6	0.85	28.1	2.9	0.16	22.5	60	0.6	143	712	95
28-10-2024	76.3	40.7	9.5	7.1	0.94	32.9	3.0	0.20	24.4	57	0.6	176	712	76
29-10-2024	65.9	35.3	15.1	5.3	0.60	37.0	2.8	0.10	24.9	57	0.8	146	713	66
30-10-2024	80.4	45.1	15.4	8.6	0.81	31.5	3.0	0.16	23.8	61	0.5	169	713	80
31-10-2024	80.7	64.2	20.4	10.6	0.79	32.6	5.5	0.08	23.9	64	0.6	203	714	114
Minimum	15.6	9.0	3.9	4.4	0.47	8.4	1.6	0.06	20.3	52	0.4	62	711	*
Maximum	90.8	74.7	20.4	34.6	0.94	37.0	12.4	0.20	26.3	71	1.5	269	714	*
Average	41.3	25.6	11.3	15.1	0.66	21.8	5.2	0.11	23.8	61	0.9	171	713	*

H.S.R Layout, Near Central Silkboard - October 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
01-10-2024	86.3	28.7	9.9	13.2	0.91	20.6	10.6	1.0	24.2	65	0.9	123	713	86
02-10-2024	61.3	19.7	8.1	12.4	0.59	22.0	10.5	0.8	25.4	67	1.3	175	713	61
03-10-2024	102.2	19.0	8.4	26.5	1.05	14.7	10.1	0.8	23.1	66	1.1	238	713	101
04-10-2024	99.8	26.2	8.3	25.5	1.01	15.5	6.7	0.8	23.9	70	1.0	226	713	100
05-10-2024	50.5	16.3	8.3	21.2	0.88	13.9	6.9	0.8	22.7	70	0.9	215	713	51
06-10-2024	63.2	26.3	7.8	12.4	0.65	23.2	7.5	0.8	23.8	67	0.6	140	713	63
07-10-2024	87.2	39.9	6.4	9.5	0.63	24.0	7.8	0.6	24.0	66	0.9	103	714	87
08-10-2024	58.8	24.8	10.3	7.4	0.74	21.0	7.7	1.0	24.2	68	0.9	103	714	59
09-10-2024	56.3	20.4	10.1	7.9	0.60	15.0	7.6	1.0	24.0	67	1.0	103	712	56
10-10-2024	61.0	23.2	10.1	9.5	0.56	14.5	7.5	1.0	24.2	69	1.1	134	711	61
11-10-2024	41.0	22.3	9.9	6.8	0.53	14.5	7.4	1.0	23.6	70	0.9	109	711	41
12-10-2024	22.2	11.2	8.6	4.8	0.47	12.3	7.5	0.8	22.9	71	0.9	100	712	24
13-10-2024	22.9	7.7	9.2	3.8	0.47	12.5	7.7	0.9	22.9	71	1.0	99	713	24
14-10-2024	38.6	9.3	10.6	12.6	0.71	11.1	7.5	1.0	21.6	70	0.8	152	713	39
15-10-2024	23.5	14.6	9.6	16.0	0.80	9.6	7.4	0.9	19.9	73	0.5	220	712	40
16-10-2024	33.8	19.1	8.1	15.9	0.94	9.7	7.1	0.8	20.2	72	0.4	218	712	47
17-10-2024	73.2	11.8	9.0	8.1	0.77	8.8	7.9	0.9	22.7	71	1.0	215	711	73
18-10-2024	123.2	16.4	9.9	7.8	0.81	8.2	7.9	1.0	23.6	68	1.0	197	712	115
19-10-2024	49.9	19.3	9.3	7.6	0.87	11.8	7.5	0.9	22.1	73	0.8	178	713	50
20-10-2024	32.6	15.6	5.3	3.8	0.59	19.8	7.9	0.5	23.3	73	0.6	107	714	33
21-10-2024	47.0	19.4	9.1	3.3	0.64	24.2	7.9	0.9	23.6	72	0.9	127	714	47
22-10-2024	36.5	10.8	8.8	4.4	0.80	18.9	8.1	0.9	22.3	70	0.7	117	715	40
23-10-2024	63.3	23.2	6.8	5.8	0.64	20.0	7.7	0.7	23.3	71	0.7	133	714	63
24-10-2024	128.5	28.2	9.6	9.0	1.10	16.9	7.6	0.9	22.5	71	0.6	174	714	119
25-10-2024	333.1	62.1	7.0	20.1	1.00	16.7	6.3	0.7	25.1	58	0.8	173	714	283
26-10-2024	249.9	65.4	4.9	8.8	0.74	15.9	6.9	0.5	23.7	61	0.8	180	714	200
27-10-2024	246.3	61.0	4.3	19.7	0.74	13.3	6.7	0.4	22.6	63	0.8	188	712	198
28-10-2024	179.7	52.4	6.0	17.6	0.65	14.9	7.6	0.6	24.1	63	0.8	172	712	153
29-10-2024	173.4	49.3	8.0	15.9	0.63	10.5	7.5	0.8	24.4	65	0.9	186	713	149
30-10-2024	160.9	53.8	6.2	6.9	0.50	6.2	7.2	0.6	23.2	69	0.7	157	713	141
31-10-2024	129.9	75.6	6.7	5.6	0.50	13.8	7.4	0.7	23.6	70	0.7	124	714	152
Minimum	22.2	7.7	4.3	3.3	0.47	6.2	6.3	0.4	19.9	58	0.4	99	711	*
Maximum	333.1	75.6	10.6	26.5	1.10	24.2	10.6	1.0	25.4	73	1.3	238	715	*
Average	94.7	28.8	8.2	11.3	0.73	15.3	7.7	0.8	23.3	68	0.8	158	713	*

R.V.College of Engineering, Kengeri - October 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
01-10-2024	101.1	66.8	7.0	18.9	0.96	39.5	9.0	0.18	25.8	80	2.0	159	916	198	123
02-10-2024	55.8	47.7	8.4	18.9	1.00	38.9	9.0	0.18	25.4	75	2.1	193	915	234	80
03-10-2024	71.5	46.1	12.1	19.0	0.84	39.4	9.0	0.17	23.5	90	1.9	201	913	76	77
04-10-2024	66.1	57.1	7.0	18.9	1.06	36.2	9.0	0.18	24.7	80	1.9	201	912	153	95
05-10-2024	46.4	45.2	7.2	19.0	0.95	36.5	13.4	0.16	23.9	77	2.1	196	911	148	75
06-10-2024	84.8	66.5	6.2	20.1	0.94	36.7	16.1	0.19	24.9	81	2.1	168	910	159	122
07-10-2024	98.0	72.2	6.9	18.9	0.75	37.5	13.4	0.18	25.3	81	2.6	127	909	200	141
08-10-2024	72.9	57.1	6.1	14.8	0.75	23.5	13.9	0.22	26.0	79	1.2	144	909	179	95
09-10-2024	62.3	48.6	16.7	16.7	0.78	18.5	15.5	0.25	26.6	78	0.7	134	908	184	81
10-10-2024	46.0	45.2	20.1	20.1	0.66	18.7	16.1	0.25	25.5	78	0.6	161	907	137	75
11-10-2024	53.2	55.0	20.1	20.1	0.75	18.4	16.2	0.25	26.2	79	0.7	116	907	161	92
12-10-2024	32.5	37.3	20.1	20.1	0.78	18.4	16.1	0.25	26.0	77	0.7	87	908	151	62
13-10-2024	29.8	32.6	20.1	20.1	0.78	18.3	16.1	0.25	25.4	79	0.6	109	908	138	54
14-10-2024	37.2	45.1	19.2	19.2	1.04	18.3	10.5	0.25	24.5	73	0.6	182	909	92	75
15-10-2024	38.1	42.1	18.9	18.9	0.82	18.3	9.0	0.25	23.2	78	0.6	162	909	39	70
16-10-2024	37.3	27.0	15.3	15.3	0.69	18.3	9.3	1.08	23.6	78	0.6	188	908	61	45
17-10-2024	40.3	16.1	13.9	13.9	0.69	18.5	11.8	1.56	25.0	78	0.6	165	908	114	40
18-10-2024	68.0	16.1	18.0	18.0	0.77	18.3	9.7	0.54	26.0	84	0.5	183	908	172	68
19-10-2024	45.2	53.3	19.0	19.0	0.66	18.3	13.1	0.25	24.8	78	0.6	170	909	91	89
20-10-2024	42.5	51.1	18.0	18.0	0.74	18.8	14.2	0.25	25.3	78	0.5	149	912	153	85
21-10-2024	43.4	46.2	13.3	13.3	0.84	18.1	11.0	0.25	25.6	74	0.6	127	903	149	77
22-10-2024	52.0	58.6	11.9	11.9	1.31	18.3	9.0	0.25	24.9	81	0.6	127	910	148	98
23-10-2024	68.2	72.9	11.9	11.9	0.95	18.6	9.1	0.49	25.3	79	0.6	178	910	150	143
24-10-2024	79.7	62.0	11.8	11.8	0.97	18.4	9.6	1.19	24.8	78	0.6	171	909	94	107
25-10-2024	162.1	97.0	11.9	11.9	1.19	18.3	11.0	1.10	25.3	73	0.6	182	910	168	223
26-10-2024	241.1	118.5	11.9	11.9	1.07	18.3	10.5	1.11	24.6	82	0.7	178	909	155	295
27-10-2024	188.5	103.7	11.8	11.8	1.62	18.4	16.1	1.25	24.7	77	0.6	172	908	173	246
28-10-2024	158.3	98.2	18.5	18.5	1.09	18.5	11.2	1.10	25.4	77	0.6	152	908	230	227
29-10-2024	179.9	99.1	19.2	19.2	1.04	18.3	13.5	1.11	25.9	78	0.6	172	909	183	230
30-10-2024	130.3	85.4	20.1	20.1	1.17	20.8	16.1	1.10	25.4	78	0.6	140	910	144	185
31-10-2024	113.9	69.7	27.8	27.8	1.69	26.5	21.5	1.10	25.9	78	0.6	142	910	121	132
Minimum	29.8	16.1	11.8	11.8	0.66	18.1	9.0	0.16	23.2	73	0.5	87	903	39	*
Maximum	241.1	118.5	27.8	27.8	1.69	39.5	21.5	1.56	26.6	90	2.6	201	916	234	*
Average	82.1	59.3	17.4	17.4	0.95	23.3	12.5	0.55	25.1	79	1.0	159	909	147	*

Jigani Industrial Area, Anekal - October 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
01-10-2024	74.9	28.8	11.2	29.3	1.04	25.1	26.3	0.85	25.4	43	1.5	137	953	145	75
02-10-2024	57.5	22.5	11.3	29.3	0.89	25.2	26.4	2.31	25.5	55	1.4	137	952	145	58
03-10-2024	48.8	19.5	11.2	29.2	1.01	25.1	26.4	1.58	23.4	65	0.9	139	952	120	51
04-10-2024	49.7	21.4	11.3	29.1	0.68	25.2	26.5	1.50	25.1	64	1.4	140	956	31	50
05-10-2024	60.5	15.5	9.5	27.8	0.55	21.5	21.8	1.14	26.7	68	1.5	135	949	8	61
06-10-2024	90.2	34.5	7.3	25.1	0.45	18.7	15.1	3.09	23.0	53	0.9	138	955	104	90
07-10-2024	86.0	36.9	6.2	25.3	0.45	25.3	15.1	2.68	22.7	53	2.4	135	958	90	86
08-10-2024	77.3	31.3	6.2	26.6	0.53	20.6	20.2	2.43	24.2	52	2.3	129	958	122	77
09-10-2024	64.5	27.4	6.1	24.6	0.42	15.6	18.7	3.16	24.6	49	2.0	134	943	131	65
10-10-2024	57.4	26.9	6.3	24.7	0.42	15.7	18.6	2.50	23.9	64	1.4	142	934	81	57
11-10-2024	75.8	29.0	6.1	24.7	0.42	15.7	18.7	2.29	23.8	60	2.2	129	936	113	76
12-10-2024	50.3	23.6	6.2	24.7	0.42	15.7	18.6	2.09	23.4	63	2.3	124	946	106	50
13-10-2024	46.8	21.2	6.1	24.7	0.42	15.7	18.6	2.55	23.0	66	1.8	124	946	93	47
14-10-2024	43.1	19.9	6.1	24.6	0.42	15.7	18.6	2.16	21.9	69	1.5	104	947	64	43
15-10-2024	33.9	16.7	6.6	24.6	0.42	15.7	18.7	1.88	20.2	82	0.8	134	944	30	34
16-10-2024	45.7	21.5	6.1	24.7	0.42	15.7	18.6	1.59	21.1	78	0.8	123	936	49	46
17-10-2024	35.2	18.8	5.8	24.8	0.41	15.6	18.6	2.10	23.1	65	1.6	161	936	103	35
18-10-2024	48.9	21.8	6.1	24.7	0.42	15.6	18.6	2.12	24.0	61	1.1	144	945	122	49
19-10-2024	50.2	23.1	6.5	28.6	0.61	15.2	24.3	1.77	22.1	76	1.0	140	953	55	50
20-10-2024	46.2	27.2	6.4	30.1	0.55	13.3	26.5	2.28	23.8	69	3.1	133	954	71	46
21-10-2024	54.4	26.0	5.8	27.0	0.70	13.2	23.2	2.18	22.8	71	3.4	121	964	111	54
22-10-2024	45.7	26.1	2.2	33.3	0.59	16.0	26.1	2.25	22.4	72	5.3	116	960	100	46
23-10-2024	50.0	27.2	0.5	33.4	0.46	18.6	25.6	1.74	23.1	67	5.1	115	956	137	50
24-10-2024	68.1	28.0	4.0	29.7	0.46	17.7	21.3	1.88	22.8	67	4.1	138	955	91	68
25-10-2024	114.2	43.2	6.2	26.8	0.37	14.2	18.6	2.17	23.2	53	3.5	130	954	106	109
26-10-2024	143.3	55.7	6.3	26.7	0.37	14.3	18.6	1.65	22.8	48	3.8	134	953	135	129
27-10-2024	122.5	56.8	6.7	26.8	0.37	14.2	18.7	2.71	23.8	57	4.0	139	954	233	115
28-10-2024	115.9	46.3	6.1	27.0	0.62	22.6	20.5	1.85	23.5	52	1.8	141	944	90	111
29-10-2024	129.7	45.3	6.2	24.2	0.91	25.3	18.1	2.71	24.2	54	0.5	146	951	166	120
30-10-2024	96.8	40.5	6.6	24.1	0.86	25.4	18.2	2.75	23.5	67	0.7	127	958	129	97
31-10-2024	179.9	89.4	9.5	35.8	1.09	21.4	26.2	2.11	23.4	62	0.7	131	963	102	198
Minimum	33.9	15.5	0.5	24.1	0.37	13.2	15.1	0.85	20.2	43	0.5	104	934	8	*
Maximum	179.9	89.4	11.3	35.8	1.09	25.4	26.5	3.16	26.7	82	5.3	161	964	233	*
Average	73.0	31.4	6.7	27.2	0.57	18.5	21.0	2.13	23.4	62	2.1	133	951	103	*

RTO Office, Kasturinagar - October 2024

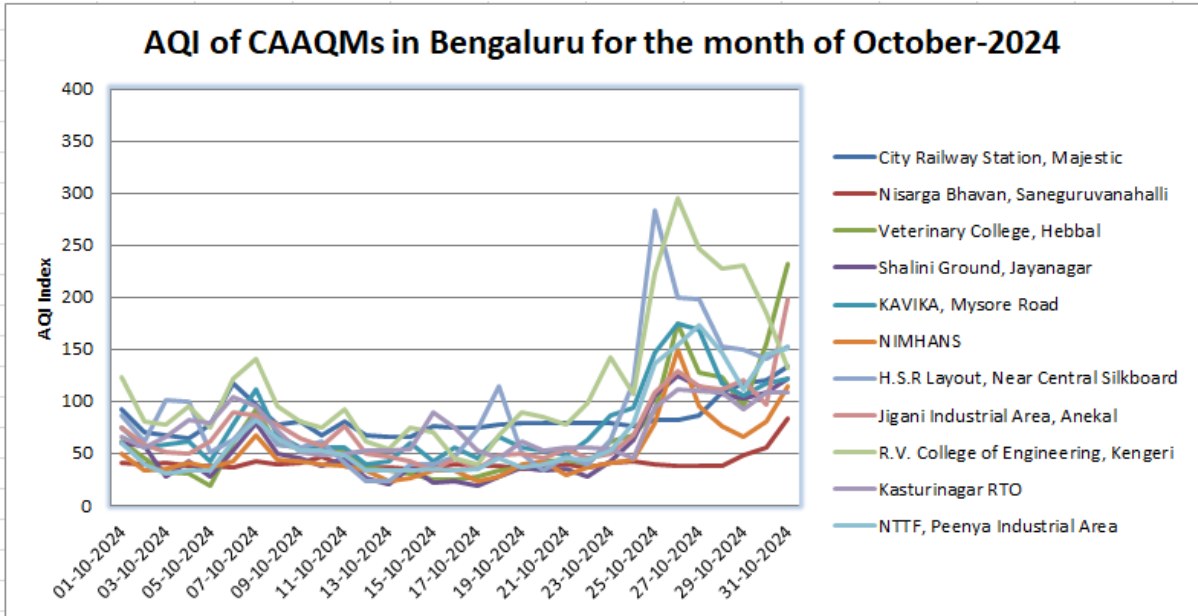
Date	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	O ₃ µg/m ³	NH ₃ µg/m ³	Benzene µg/m ³	Temp °C	RH %	WS m/s	WD Degree	BP mb	SR W/m ²	AQI
01-10-2024	65.8	35.0	16.0	16.1	0.5	33.7	18.1	1.64	26.2	68	1.3	78	929	473	66
02-10-2024	55.4	29.0	11.9	20.8	0.5	36.0	17.0	1.60	24.9	75	1.2	124	926	382	55
03-10-2024	65.7	34.6	16.0	16.2	0.5	28.2	17.9	1.64	27.1	64	1.3	85	929	562	66
04-10-2024	81.6	38.2	15.8	16.7	0.5	50.4	16.8	1.65	25.1	75	1.3	94	936	226	82
05-10-2024	78.6	33.9	16.0	17.0	0.5	34.9	15.9	1.65	23.6	83	1.2	78	931	193	79
06-10-2024	106.3	44.9	16.2	17.0	0.5	20.4	15.9	1.65	25.3	71	0.9	72	948	207	104
07-10-2024	95.1	40.5	17.8	18.2	0.5	40.0	17.7	1.64	24.8	73	0.8	65	929	216	95
08-10-2024	72.0	27.7	19.0	17.6	0.5	44.8	16.0	1.64	25.3	72	1.0	44	924	212	72
09-10-2024	50.5	22.0	13.4	11.2	0.5	46.5	9.3	1.64	25.5	72	1.2	182	924	263	51
10-10-2024	39.6	15.8	5.9	9.0	0.5	48.2	5.9	1.64	24.9	76	1.2	257	885	196	48
11-10-2024	27.0	10.8	5.0	8.9	0.5	49.9	5.9	1.64	24.7	77	1.1	207	881	188	50
12-10-2024	22.2	8.8	4.4	8.9	0.5	51.6	5.9	1.64	24.2	80	1.2	198	887	166	52
13-10-2024	22.4	8.9	4.4	8.6	0.5	53.2	5.9	1.64	23.7	83	1.1	255	891	149	53
14-10-2024	17.5	6.8	4.3	7.3	0.5	54.4	6.6	1.64	22.0	87	1.4	112	899	111	54
15-10-2024	89.9	43.7	4.9	15.2	0.5	47.2	7.3	1.76	22.3	77	1.4	160	897	67	90
16-10-2024	74.5	38.0	5.7	10.4	0.5	55.1	5.9	1.24	22.7	85	1.4	140	879	213	75
17-10-2024	51.2	27.1	4.7	19.5	0.5	52.9	16.1	1.81	23.3	82	1.5	299	896	159	53
18-10-2024	45.0	23.9	4.5	27.4	0.5	39.6	16.8	1.85	24.4	77	1.4	202	888	177	45
19-10-2024	62.4	33.0	4.9	27.8	0.5	43.2	16.3	1.72	22.7	91	1.2	144	887	123	62
20-10-2024	53.3	28.3	4.4	27.9	0.5	37.4	16.9	1.54	24.4	83	1.1	166	900	192	53
21-10-2024	44.5	23.6	6.3	28.0	0.5	55.3	16.7	1.54	23.8	84	1.2	173	906	210	55
22-10-2024	51.7	27.4	4.9	27.9	0.5	54.9	16.9	1.54	22.9	86	1.0	171	899	157	55
23-10-2024	53.9	28.6	4.1	28.1	0.5	34.1	16.9	1.58	23.9	82	1.2	157	924	205	54
24-10-2024	45.6	24.2	5.3	28.0	0.5	35.3	16.4	1.65	23.3	82	1.3	142	914	113	46
25-10-2024	94.3	47.2	4.6	22.8	0.5	27.3	16.3	1.66	24.4	68	1.4	109	894	193	94
26-10-2024	117.4	57.7	4.5	18.8	0.5	35.7	16.9	1.65	23.6	67	1.5	108	897	191	112
27-10-2024	115.4	56.7	4.4	18.8	0.5	36.6	17.0	1.65	23.9	69	1.4	82	922	201	110
28-10-2024	113.1	55.5	4.4	18.8	0.5	27.9	16.9	1.66	24.9	68	1.3	86	921	189	109
29-10-2024	93.4	41.5	14.8	18.7	0.5	37.0	17.0	1.64	24.7	73	1.0	57	949	203	93
30-10-2024	111.8	56.9	7.8	17.2	0.5	35.3	18.3	1.40	24.4	76	1.1	153	910	181	108
31-10-2024	113.9	61.3	4.3	22.8	1.1	29.7	19.1	1.05	24.5	78	1.1	217	907	174	109
Minimum	17.5	6.8	4.1	7.3	0.5	20.4	5.9	1.05	22.0	64	0.8	44	879	67	*
Maximum	117.4	61.3	19.0	28.1	1.1	55.3	19.1	1.85	27.1	91	1.5	299	949	562	*
Average	68.7	33.3	8.4	18.4	0.5	41.2	14.3	1.61	24.2	77	1.2	142	910	209	*

NTTF, Peenya Industrial Area - October 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
01-10-2024	59.7	34.0	5.0	12.4	0.73	31.9	15.3	0.71	26.1	41	0.4	134	937	140	60
02-10-2024	39.7	22.6	5.3	12.4	0.56	31.9	15.3	0.71	25.1	54	0.4	166	938	164	40
03-10-2024	31.2	17.8	4.6	13.3	0.56	29.7	13.5	0.90	23.6	62	0.4	191	937	148	31
04-10-2024	34.2	19.5	4.6	15.1	0.54	32.6	11.4	1.12	24.3	61	0.4	200	937	131	34
05-10-2024	33.0	18.8	5.0	15.6	0.53	33.8	10.8	1.17	23.6	66	0.4	187	937	121	34
06-10-2024	61.4	35.0	4.7	15.6	0.67	33.7	10.8	1.17	25.0	51	0.3	121	937	166	61
07-10-2024	82.1	46.8	4.4	15.6	0.70	33.8	10.8	1.17	25.0	50	0.4	110	938	155	82
08-10-2024	65.4	37.3	4.4	15.6	0.69	33.7	10.9	1.17	25.3	50	0.5	126	938	158	65
09-10-2024	52.3	29.8	4.1	15.6	0.62	33.8	10.8	1.17	25.3	47	0.6	132	937	155	52
10-10-2024	52.6	30.0	4.7	15.6	0.73	33.8	10.9	1.17	23.9	61	0.4	143	936	98	53
11-10-2024	47.5	27.1	4.5	15.6	0.62	33.9	10.8	1.18	24.6	57	0.5	120	936	157	48
12-10-2024	24.3	13.9	4.3	15.6	0.57	33.8	10.9	1.18	24.5	60	0.5	122	937	153	34
13-10-2024	24.1	13.7	4.6	15.6	0.56	33.8	10.8	1.17	24.2	63	0.4	126	937	159	34
14-10-2024	22.7	12.9	3.5	15.5	0.56	33.7	10.8	1.17	23.0	67	0.3	155	937	108	34
15-10-2024	29.5	16.8	4.5	15.6	0.70	33.8	10.9	1.17	21.8	78	0.3	171	937	94	35
16-10-2024	20.1	11.5	4.5	15.6	0.54	33.7	10.9	1.17	22.2	74	0.3	195	936	97	34
17-10-2024	34.5	19.6	4.3	15.6	0.54	33.8	10.9	1.17	23.7	61	0.5	157	936	113	35
18-10-2024	46.4	26.4	4.4	15.7	0.60	33.8	10.8	1.17	24.4	58	0.4	157	937	85	46
19-10-2024	37.2	21.2	4.1	15.6	0.67	33.8	10.9	1.17	23.3	72	0.3	150	937	93	37
20-10-2024	40.2	22.9	4.6	15.6	0.60	33.8	10.8	1.18	24.1	66	0.4	122	938	122	40
21-10-2024	46.2	26.3	4.0	15.6	0.68	33.8	10.8	1.17	23.6	68	0.4	135	938	153	46
22-10-2024	44.2	25.2	4.5	15.6	0.79	33.8	10.9	1.17	23.2	68	0.3	135	938	94	44
23-10-2024	51.6	29.4	3.9	15.6	0.67	33.8	10.9	1.17	23.9	63	0.4	169	939	99	52
24-10-2024	79.2	43.5	5.3	15.6	0.87	33.7	10.9	1.17	23.6	63	0.3	160	938	117	79
25-10-2024	124.1	71.1	5.0	15.6	0.97	33.8	10.9	1.17	24.0	51	0.4	168	938	153	137
26-10-2024	133.6	76.2	4.3	15.6	0.92	33.8	10.9	1.17	23.6	46	0.5	175	937	133	154
27-10-2024	144.6	82.4	4.1	15.6	0.92	33.8	10.9	1.16	23.4	54	0.4	179	937	91	173
28-10-2024	129.5	73.8	2.7	15.6	0.65	33.7	10.9	2.92	24.4	50	0.4	166	937	121	146
29-10-2024	118.3	62.7	5.9	15.5	0.96	33.8	10.9	1.14	24.7	51	0.3	158	937	120	112
30-10-2024	128.9	73.4	7.2	15.6	1.18	33.8	10.8	1.07	23.6	64	0.3	135	938	105	145
31-10-2024	137.7	75.2	6.8	17.0	1.12	33.8	14.1	1.09	24.3	59	0.4	124	938	135	151
Minimum	20.1	11.5	2.7	12.4	0.53	29.7	10.8	0.71	21.8	41	0.3	110	936	85	*
Maximum	144.6	82.4	7.2	17.0	1.18	33.9	15.3	2.92	26.1	78	0.6	200	939	166	*
Average	63.7	36.0	4.6	15.3	0.71	33.5	11.4	1.18	24.0	59	0.4	151	937	127	*

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



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 2024 reveals that the Air quality ranges from Good to poor. The AQI in some stations has crossed 200 as depicted in above graph. In other words, the AQI observed during the month October - 2024 are having Good, Satisfactory, Moderate and few poor day.

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