



KARNATAKA STATE POLLUTION CONTROL BOARD

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

Air Quality Monitoring Cell

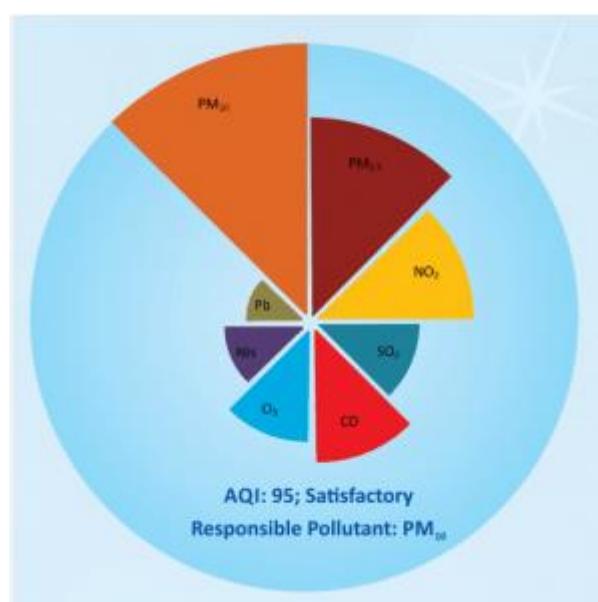
Air Quality Index of CAAQM Stations monitored in Bengaluru city-November-2022

Air Quality Index-(AQI)

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

There are six AQI categories, namely Good, Satisfactory, Moderate, Poor, Very Poor, and Severe. Each of these categories is decided based on ambient concentration values of air pollutants and their likely health impacts (known as health breakpoints). AQ sub-index and health breakpoints are evolved for eight pollutants (PM_{10} , $PM_{2.5}$, NO_2 , SO_2 , CO , O_3 , NH_3 , 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 $31\text{ }\mu\text{g}/\text{m}^3$, 100 at concentration $60\text{ }\mu\text{g}/\text{m}^3$, and 75 at concentration of $45(\mu\text{g}/\text{m}^3)$). 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 7 Continuous Ambient Air Quality Monitoring Stations (CAAQMs) covering Residential, Commercial, Mixed 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 November-2022 is as shown below:

Daily AQI Values of Bengaluru (November-2022)							
Date/Name of station	City Railway Station, Majestic	Nisarga Bhavan, Saneguruvanahalli	Veterinary College, Hebbal	Shalini Ground, Jayanagar	KAVIKA, Mysore Road	NIMHANS	H.S.R Layout, Near Central Silkboard
01-11-2022	74	50	47	53	80	33	52
02-11-2022	73	43	40	39	74	27	63
03-11-2022	73	46	53	47	91	33	60
04-11-2022	74	50	54	44	81	30	45
05-11-2022	90	47	61	71	83	40	45
06-11-2022	78	48	91	99	153	74	105
07-11-2022	86	47	101	102	209	93	119
08-11-2022	103	46	86	99	178	83	109
09-11-2022	104	48	103	106	210	97	126
10-11-2022	95	53	80	88	139	61	90
11-11-2022	89	60	139	110	234	92	127
12-11-2022	78	49	38	40	79	46	32
13-11-2022	78	49	46	28	*	23	24
14-11-2022	90	45	53	46	84	36	37
15-11-2022	105	51	99	97	230	89	109
16-11-2022	75	48	147	119	280	108	138
11-11-2022	77	56	103	109	240	103	139
18-11-2022	85	44	92	105	209	94	131
19-11-2022	90	36	93	103	200	92	126
20-11-2022	93	39	106	125	202	99	137
21-11-2022	84	40	78	93	223	78	113
22-11-2022	73	40	35	54	105	34	62
23-11-2022	77	45	27	41	*	34	58
24-11-2022	83	44	63	52	146	48	69
25-11-2022	93	41	77	68	107	54	73
26-11-2022	81	42	80	89	133	65	84
27-11-2022	78	41	77	80	145	66	107
28-11-2022	93	40	143	147	301	110	150
29-11-2022	92	38	159	166	291	113	164
30-11-2022	86	40	106	121	280	104	141
Min	73	36	27	28	74	23	24
Max	105	60	159	166	301	113	164

* Data not available

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

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

Daily AQI of CAAQM Stations

City Railway Station-Nov-2022					
Date	NO2 ug/m3	SO2 ug/m3	CO mg/m3	PM10 ug/m3	AQI
01-11-2022	23.6	17.4	1.47	61.4	74
02-11-2022	23.6	17.4	1.46	53.7	73
03-11-2022	23.6	17.4	1.44	63.7	73
04-11-2022	23.6	17.4	1.48	64.9	74
05-11-2022	23.5	17.4	1.79	72.8	90
06-11-2022	23.6	17.4	1.29	77.5	78
07-11-2022	23.4	17.4	1.52	85.7	86
08-11-2022	23.7	17.4	2.22	93.0	103
09-11-2022	23.6	17.3	2.21	105.8	104
10-11-2022	23.5	17.4	1.89	86.4	95
11-11-2022	23.6	17.3	1.77	89.1	89
12-11-2022	23.6	17.4	1.55	51.4	78
13-11-2022	23.6	17.3	1.55	60.4	78
14-11-2022	23.6	17.4	1.76	89.6	90
15-11-2022	23.6	17.4	1.47	108.1	105
16-11-2022	23.6	20.6	1.37	74.7	75
17-11-2022	23.5	23.3	1.54	66.6	77
18-11-2022	23.5	23.3	1.59	85.3	85
19-11-2022	23.5	23.3	1.66	89.5	90
20-11-2022	23.6	23.4	1.62	93.2	93
21-11-2022	23.6	23.3	1.53	83.6	84
22-11-2022	23.6	23.4	1.45	61.8	73
23-11-2022	23.6	23.4	1.53	53.6	77
24-11-2022	23.6	23.3	1.66	60.2	83

25-11-2022	23.5	23.4	1.85	65.9	93
26-11-2022	23.5	23.4	1.61	78.2	81
27-11-2022	23.6	23.4	1.56	76.4	78
28-11-2022	23.6	23.3	1.86	91.6	93
29-11-2022	23.7	23.4	1.56	91.7	92
30-11-2022	23.6	23.4	1.61	85.7	86
Minimum	23.4	17.3	1.29	51.4	*
Maximum	23.7	23.4	2.22	108.1	*
Average	23.6	20.3	1.63	77.4	*

Saneguruvanahalli-Nov-2022

Date	NO2 ug/m3	SO2 ug/m3	CO mg/m3	PM10 ug/m3	TEMP °C	HR %	WS m/s	WD degree	SR W/m2	AQI
01-11-2022	20.8	12.2	0.74	50.4	24.53	75.60	0.12	257.90	247.65	50
02-11-2022	21.2	12.8	0.76	42.6	24.46	75.06	0.12	275.12	210.83	43
03-11-2022	24.6	8.5	0.77	46.2	24.88	73.19	0.12	200.54	556.58	46
04-11-2022	23.2	12.1	0.82	49.8	24.95	79.56	0.15	199.60	598.03	50
05-11-2022	22.1	7.0	0.75	47.0	24.67	78.96	0.17	189.59	379.71	47
06-11-2022	21.0	8.6	0.80	47.6	24.57	78.71	0.14	199.78	250.31	48
07-11-2022	21.7	7.0	0.81	46.7	24.70	78.85	0.14	197.74	302.14	47
08-11-2022	19.8	4.7	0.78	46.2	24.70	79.18	0.13	226.99	292.46	46
09-11-2022	23.6	10.3	0.96	43.4	25.11	77.67	0.14	181.29	576.98	48
10-11-2022	19.6	7.3	0.73	53.3	24.72	83.82	0.11	272.68	371.95	53
11-11-2022	20.4	6.5	0.76	59.5	24.88	80.75	0.15	235.18	527.21	60
12-11-2022	19.6	6.1	0.82	49.2	25.00	81.93	0.13	192.33	627.76	49
13-11-2022	17.9	3.9	0.80	49.1	24.73	84.05	0.17	189.19	427.70	49
14-11-2022	20.6	10.3	0.85	45.4	24.66	80.94	0.16	185.73	303.05	45
15-11-2022	19.4	5.6	0.75	50.5	24.52	74.26	0.15	200.73	236.08	51
16-11-2022	20.3	7.1	0.74	47.7	24.51	71.30	0.20	179.61	231.38	48
17-11-2022	21.1	5.8	1.12	46.5	24.55	71.90	0.18	246.07	249.79	56
18-11-2022	22.3	6.4	0.74	43.8	25.38	73.85	0.45	158.39	630.66	44
19-11-2022	21.4	6.0	0.72	36.2	24.89	74.20	0.64	56.20	285.98	36
20-11-2022	20.4	5.7	0.71	39.1	24.91	74.25	0.61	71.53	272.02	39
21-11-2022	22.2	13.6	0.70	39.8	25.28	76.21	0.58	138.77	289.64	40
22-11-2022	24.0	8.4	0.74	40.4	25.68	76.74	0.61	120.33	430.05	40
23-11-2022	24.9	7.0	0.78	45.1	25.89	75.70	0.68	37.37	426.38	45
24-11-2022	27.2	9.2	0.87	41.8	25.15	75.23	0.60	27.46	579.04	44
25-11-2022	22.9	7.0	0.81	40.7	25.12	87.33	0.48	22.99	545.19	41
26-11-2022	22.3	6.2	0.76	42.2	25.07	86.39	0.77	44.44	374.36	42
27-11-2022	20.5	6.1	0.76	41.4	25.03	85.44	0.78	109.09	365.98	41
28-11-2022	21.9	5.0	0.75	40.3	24.94	85.00	0.73	108.62	323.21	40

29-11-2022	21.0	4.8	0.79	32.8	25.04	84.57	0.73	108.21	360.00	38
30-11-2022	22.1	4.8	0.73	39.5	25.06	84.39	0.73	107.90	345.95	40
Minimum	17.9	3.9	0.70	32.8	24.46	71.30	0.11	22.99	210.83	*
Maximum	27.2	13.6	1.12	59.5	25.89	87.33	0.78	275.12	630.66	*
Average	21.7	7.5	0.79	44.8	24.92	78.83	0.36	158.05	387.27	*

Hebbal-November-2022														
Date	CO (mg/m³)	Ozone (µg/m³)	NO2 (µg/m³)	NH3 (µg/m³)	SO2 (µg/m³)	PM2.5 (µg/m³)	PM10 (µg/m³)	BEN. (µg/m³)	AT (°C)	RH (%)	WS (m/s)	WD (deg)	BP (mmHg)	AQI
01-11-2022	0.41	15.4	22.1	11.3	3.5	25.8	47.3	0.1	20.3	83	0.9	108	711	47
02-11-2022	0.40	5.9	24.7	8.9	3.5	18.5	39.5	0.1	20.0	84	0.9	114	713	40
03-11-2022	0.46	4.4	25.8	8.1	3.3	23.7	53.3	0.1	21.4	81	0.9	104	715	53
04-11-2022	0.51	5.5	26.6	7.9	3.0	21.8	53.8	0.1	22.4	76	0.9	110	713	54
05-11-2022	0.44	8.2	26.5	8.5	4.0	30.3	61.0	0.1	22.2	76	0.9	112	713	61
06-11-2022	0.41	11.4	24.0	9.6	3.8	54.5	85.7	0.1	21.6	79	0.8	101	712	91
07-11-2022	0.51	11.0	25.8	7.9	4.1	56.5	101.8	0.1	22.1	66	0.8	98	712	101
08-11-2022	0.41	13.7	26.3	8.8	3.1	50.3	86.0	0.1	22.6	66	0.8	101	712	86
09-11-2022	0.48	11.0	24.8	8.8	3.5	59.4	103.8	0.1	22.1	66	0.8	102	712	103
10-11-2022	0.38	8.8	23.8	8.4	3.3	47.7	77.8	0.1	22.0	71	0.9	118	711	80
11-11-2022	0.37	19.2	21.3	9.6	3.5	71.7	102.1	0.1	19.8	79	1.1	151	710	139
12-11-2022	0.37	4.8	23.5	7.3	3.1	22.8	37.0	0.1	19.4	90	0.9	122	710	38
13-11-2022	0.46	2.2	23.8	8.1	2.7	21.5	45.5	0.1	21.0	82	0.9	104	711	46
14-11-2022	0.44	4.4	25.5	7.5	2.8	26.8	53.0	0.1	21.6	80	0.9	105	712	53
15-11-2022	0.47	6.7	26.0	8.1	3.4	59.5	96.7	0.1	22.2	76	0.8	101	711	99
16-11-2022	0.36	11.7	22.9	8.9	3.4	74.0	111.8	0.1	21.9	73	0.9	105	711	147
17-11-2022	0.44	14.3	28.3	8.3	3.5	60.9	103.8	0.1	20.3	61	0.8	101	711	103
18-11-2022	0.44	12.1	29.1	7.4	3.6	50.3	91.7	0.1	20.3	59	0.8	95	711	92
19-11-2022	0.40	12.6	29.7	8.7	3.5	52.8	93.3	0.1	20.1	64	0.8	98	710	93
20-11-2022	0.35	18.8	21.5	9.6	3.5	61.9	94.7	0.1	18.3	67	0.9	119	709	106
21-11-2022	0.35	18.1	18.7	8.8	3.6	46.6	74.3	0.1	21.1	63	1.0	126	709	78
22-11-2022	0.28	2.9	18.0	9.3	3.5	19.8	35.1	0.1	20.1	83	0.9	120	709	35
23-11-2022	0.36	3.8	13.8	10.4	3.4	14.9	27.1	0.1	20.8	86	1.0	129	709	27
24-11-2022	0.48	2.2	28.6	8.9	3.5	35.5	63.1	0.1	20.6	87	0.9	114	710	63
25-11-2022	0.58	2.8	31.3	7.9	2.8	35.8	76.7	0.1	22.0	76	0.9	110	711	77
26-11-2022	0.43	4.2	30.1	8.2	3.1	41.1	80.3	0.1	22.7	72	0.9	110	709	80
27-11-2022	0.43	6.2	24.9	8.2	3.3	45.7	76.5	0.1	23.4	72	0.9	118	708	77
28-11-2022	0.43	10.3	26.9	13.1	3.5	72.8	113.6	0.1	22.9	72	0.9	104	708	143
29-11-2022	0.39	22.9	29.9	26.0	3.3	77.8	119.6	0.1	21.7	69	0.9	115	709	159
30-11-2022	0.49	9.7	33.8	16.7	4.1	61.8	108.4	0.1	21.0	67	0.9	106	711	106
Average	0.42	9.5	25.3	9.6	3.4	44.7	77.1	0.1	21.3	74	0.9	111	711	*
Minimum	0.28	2.2	13.8	7.3	2.7	14.9	27.1	0.1	18.3	59	0.8	95	708	*
Maximum	0.58	22.9	33.8	26.0	4.1	77.8	119.6	0.1	23.4	90	1.1	151	715	*

Jayanagar-November-2022

Date	CO mg/m ³	Ozone μg/m ³	NO2 μg/m ³	NH3 μg/m ³	SO2 μg/m ³	PM2.5 μg/m ³	PM10 μg/m ³	BEN μg/m ³	AT °C	RH %	WS m/s	WD deg.	BP mmHg	AQI
01-11-2022	0.50	22.5	22.9	16.2	8.1	22.8	52.8	2.27	22.0	79	0.4	121	710	53
02-11-2022	0.73	22.7	25.0	16.6	8.5	12.0	39.2	2.48	21.3	81	0.5	129	709	39
03-11-2022	0.90	23.0	25.1	16.2	9.1	17.7	47.1	2.49	22.7	79	0.4	124	710	47
04-11-2022	0.54	23.1	21.6	16.2	8.5	14.3	43.9	2.14	23.1	77	0.5	133	711	44
05-11-2022	0.66	27.1	19.9	16.5	8.1	21.3	71.2	1.99	25.6	66	0.6	137	712	71
06-11-2022	0.59	25.4	18.6	16.6	7.5	48.1	99.3	1.85	24.0	70	0.5	127	712	99
07-11-2022	0.65	19.1	21.1	16.3	5.8	48.7	103.6	2.10	23.5	61	0.5	140	711	102
08-11-2022	0.63	26.6	22.3	16.5	5.4	44.0	98.7	2.21	24.2	63	0.5	133	711	99
09-11-2022	0.70	28.6	23.6	16.2	5.4	54.9	108.3	2.34	23.7	62	0.5	148	711	106
10-11-2022	0.65	28.5	22.5	16.4	6.1	40.6	87.9	2.23	23.9	65	0.6	111	710	88
11-11-2022	0.67	28.7	24.2	16.0	6.1	63.1	102.5	2.40	21.1	76	0.6	105	710	110
12-11-2022	0.80	21.3	27.5	16.3	6.3	16.0	28.1	2.73	20.6	89	0.4	127	710	40
13-11-2022	0.44	19.0	22.4	16.4	5.7	9.2	24.4	2.04	21.5	83	0.4	128	712	28
14-11-2022	0.54	19.0	15.6	16.7	5.6	18.3	45.7	0.28	23.0	74	0.5	133	712	46
15-11-2022	0.71	19.2	22.6	16.3	5.8	45.2	97.4	0.40	23.5	71	0.4	146	711	97
16-11-2022	0.74	19.1	22.6	16.5	5.2	65.8	114.5	0.41	23.0	69	0.4	134	710	119
17-11-2022	0.65	27.0	22.9	16.3	5.7	62.5	112.9	0.37	21.9	57	0.4	149	710	109
18-11-2022	0.65	28.4	22.8	16.4	5.4	55.0	108.0	0.36	22.3	54	0.5	117	710	105
19-11-2022	0.66	28.5	21.0	16.6	4.7	56.0	104.0	0.37	21.5	58	0.5	119	709	103
20-11-2022	0.60	28.8	24.4	16.3	5.4	67.6	116.8	0.34	19.9	61	0.5	145	708	125
21-11-2022	0.54	28.2	22.1	16.0	5.7	52.0	93.2	0.30	22.7	58	0.5	136	708	93
22-11-2022	0.72	28.1	31.3	15.1	6.0	25.1	54.1	0.40	21.9	78	0.4	142	708	54
23-11-2022	0.62	24.4	26.8	16.1	5.1	20.8	41.3	0.34	22.3	83	0.4	174	709	41
24-11-2022	0.52	22.9	26.0	15.9	5.2	31.3	45.9	0.29	21.0	90	0.4	158	710	52
25-11-2022	0.48	23.0	22.8	16.2	5.8	31.5	68.0	0.27	23.1	75	0.5	123	711	68
26-11-2022	0.54	22.9	18.4	17.1	5.7	40.5	89.2	0.30	24.1	70	0.5	130	709	89
27-11-2022	0.40	23.0	22.0	16.4	5.3	44.3	79.8	0.22	24.0	71	0.5	146	708	80
28-11-2022	0.66	23.3	21.9	16.4	5.6	74.2	119.8	0.37	23.7	71	0.5	144	709	147
29-11-2022	0.63	23.3	21.7	16.0	5.5	79.8	133.1	0.35	23.1	66	0.5	123	709	166
30-11-2022	0.50	22.9	24.4	16.2	5.3	66.4	117.5	0.28	22.6	63	0.5	127	710	121
Average	0.62	24.2	22.9	16.3	6.1	41.6	81.6	1.16	22.7	71	0.5	134	710	*
Maximum	0.90	28.8	31.3	17.1	9.1	79.8	133.1	2.73	25.6	90	0.6	174	712	*
Minimum	0.40	19.0	15.6	15.1	4.7	9.2	24.4	0.22	19.9	54	0.4	105	708	*

Kavika-November-2022

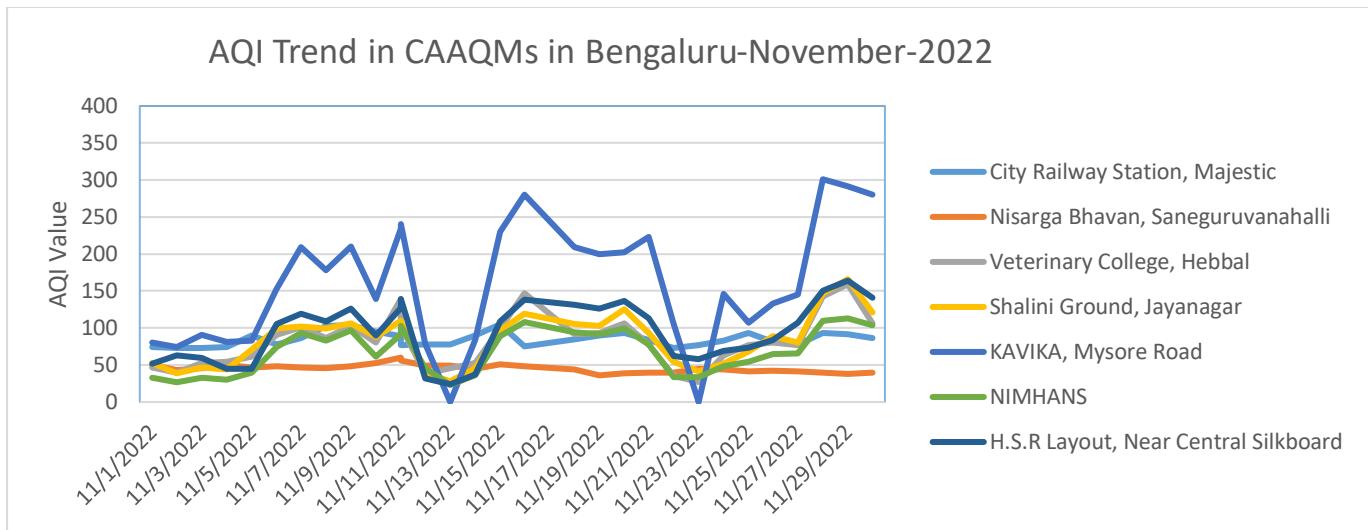
Date	CO mg/m ³	Ozone µg/m ³	NO2 µg/m ³	NH3 µg/m ³	SO2 µg/m ³	PM2.5 µg/m ³	PM10 µg/m ³	BEN µg/m ³	AT °C	RH %	WS m/s	WD deg.	BP mmHg	AQI
01-11-2022	1.07	5.0	13.6	39.7	5.2	44.3	79.8	0.86	23.4	44	0.5	58	720	80
02-11-2022	1.21	6.2	11.7	45.0	5.8	36.4	73.8	1.01	22.6	43	0.5	58	719	74
03-11-2022	1.40	4.5	11.9	48.2	7.0	47.5	90.5	1.30	23.6	43	0.6	63	720	91
04-11-2022	1.12	5.1	11.6	41.1	5.9	40.9	80.8	0.98	24.2	43	0.6	67	721	81
05-11-2022	0.98	4.9	12.3	37.6	6.0	47.4	82.8	0.82	24.7	43	0.6	70	723	83
06-11-2022	1.11	3.7	14.1	36.5	6.5	75.8	118.1	0.76	24.1	44	0.6	66	723	153
07-11-2022	1.46	4.5	21.0	54.2	5.6	92.7	148.2	0.99	24.3	44	0.6	66	722	209
08-11-2022	1.27	4.2	17.0	48.4	5.3	83.4	130.1	1.08	25.5	43	0.6	64	721	178
09-11-2022	1.20	5.4	20.0	51.2	5.7	93.0	140.0	1.04	25.2	43	0.6	69	721	210
10-11-2022	1.10	4.4	17.4	43.3	5.9	71.7	119.5	0.70	24.5	44	0.5	60	720	139
11-11-2022	1.23	4.3	19.6	42.9	5.7	100.3	140.9	0.45	22.2	44	0.5	55	720	234
12-11-2022	1.54	5.5	13.4	51.2	6.7	47.6	62.9	0.83	21.8	44	0.5	55	720	79
13-11-2022	-	-	-	-	-	-	-	-	-	-	-	-	-	*
14-11-2022	0.94	8.4	9.4	45.9	5.9	50.3	74.4	-	22.7	44	0.6	68	721	84
15-11-2022	1.23	7.4	16.1	48.1	5.7	99.0	144.6	-	24.5	43	0.6	69	721	230
16-11-2022	1.27	6.9	20.0	47.5	6.4	114.0	161.8	-	24.7	43	0.6	73	720	280
17-11-2022	1.43	6.0	24.6	52.3	6.6	102.0	154.9	-	24.1	44	0.6	69	720	240
18-11-2022	1.39	5.9	24.3	63.4	5.9	92.6	136.3	0.06	23.7	44	0.6	66	720	209
19-11-2022	1.35	5.3	24.0	60.4	4.0	90.1	133.8	0.08	23.0	44	0.6	65	719	200
20-11-2022	1.15	4.3	23.5	46.4	6.0	90.7	129.7	0.06	22.0	44	0.6	70	718	202
21-11-2022	1.13	5.6	21.9	48.4	5.6	96.8	82.0	0.06	24.1	44	0.6	78	718	223
22-11-2022	1.28	6.2	8.2	24.8	5.4	43.0	107.6	0.07	22.9	44	0.6	69	719	105
23-11-2022	1.10	6.4	5.8	5.6	5.4	-	-	0.06	23.3	44	0.7	88	719	*
24-11-2022	1.28	6.0	4.4	3.4	6.6	73.7	97.7	0.07	22.3	44	0.6	76	720	146
25-11-2022	1.05	5.9	4.4	2.9	6.4	62.1	107.7	0.06	23.9	43	0.6	73	721	107
26-11-2022	1.06	5.6	3.2	3.4	6.3	69.9	116.3	0.06	24.9	43	0.6	73	719	133
27-11-2022	0.82	5.0	3.0	3.1	6.1	73.5	98.3	0.05	25.1	43	0.6	78	718	145
28-11-2022	1.16	4.5	5.5	5.0	6.3	121.5	158.3	0.06	24.9	43	0.7	86	719	301
29-11-2022	1.30	4.7	6.7	5.2	5.9	117.4	163.4	0.07	24.3	44	0.6	76	720	291
30-11-2022	1.25	3.9	6.9	6.0	6.0	114.0	154.2	0.07	23.5	44	0.6	69	720	280
Average	1.20	5.4	13.6	34.9	5.9	78.3	117.4	0.47	23.8	44	0.6	69	720	*
Maximum	1.54	8.4	24.6	63.4	7.0	121.5	163.4	1.30	25.5	44	0.7	88	723	*
Minimum	0.82	3.7	3.0	2.9	4.0	36.4	62.9	0.05	21.8	43	0.5	55	718	*

NIMHANS-November-2022

Date	CO mg/m ³	Ozone μg/m ³	NO2 μg/m ³	NH3 μg/m ³	SO2 μg/m ³	PM2.5 μg/m ³	PM10 μg/m ³	BEN μg/m ³	AT °C	RH %	WS m/s	WD deg.	BP mmHg	AQI
01-11-2022	0.16	22.2	19.9	2.1	4.6	15	33	0.29	21.4	60	1.0	105	709	33
02-11-2022	0.40	16.1	21.4	2.0	3.8	12	24	0.28	20.9	61	1.1	102	708	27
03-11-2022	0.45	13.8	23.8	2.0	4.3	15	33	0.32	21.9	60	0.9	115	709	33
04-11-2022	0.52	13.5	21.5	2.1	5.1	14	30	0.29	22.4	59	1.0	129	710	30
05-11-2022	0.46	17.3	21.0	2.0	4.9	18	40	0.26	23.0	55	1.1	130	711	40
06-11-2022	0.42	27.6	20.3	2.0	4.9	31	74	0.32	22.5	56	0.9	120	711	74
07-11-2022	0.43	28.3	28.1	2.1	5.8	39	93	0.40	22.7	47	0.8	126	711	93
08-11-2022	0.43	25.6	25.1	2.1	4.5	35	83	0.37	23.4	48	0.9	123	710	83
09-11-2022	0.59	26.3	27.6	2.1	5.3	41	97	0.42	22.8	48	0.8	126	710	97
10-11-2022	0.33	30.8	19.4	2.1	4.6	26	61	0.28	22.8	50	1.3	100	709	61
11-11-2022	0.47	37.7	19.7	2.1	3.9	39	92	0.33	20.7	57	1.8	80	709	92
12-11-2022	0.92	16.2	21.1	2.1	4.5	12	23	0.31	20.4	66	1.3	96	709	46
13-11-2022	0.36	11.4	17.9	2.1	4.3	11	23	0.30	21.4	62	1.1	129	710	23
14-11-2022	0.40	14.1	21.0	2.1	4.4	16	36	0.30	22.4	56	1.0	126	711	36
15-11-2022	0.58	22.5	26.3	2.0	5.2	38	89	0.36	22.9	55	0.7	130	710	89
16-11-2022	0.45	30.4	25.9	2.0	5.1	47	112	0.36	22.5	53	0.7	123	709	108
17-11-2022	0.55	31.2	33.7	2.0	4.6	43	104	0.43	21.4	43	0.7	123	709	103
18-11-2022	0.48	30.9	33.0	2.1	4.8	37	94	0.40	21.3	44	0.8	122	709	94
19-11-2022	0.50	29.5	32.1	2.0	5.0	37	92	0.40	20.7	45	0.8	129	709	92
20-11-2022	0.39	35.4	23.2	2.1	4.5	39	99	0.30	19.7	46	0.9	130	707	99
21-11-2022	0.30	37.0	20.5	2.1	4.1	31	78	0.23	22.1	44	1.1	121	707	78
22-11-2022	0.56	16.4	20.9	2.2	3.8	14	34	0.24	21.4	60	1.0	106	708	34
23-11-2022	0.50	17.0	19.5	2.1	3.8	13	34	0.26	22.2	61	1.1	142	708	34
24-11-2022	0.56	13.1	23.6	2.1	4.2	19	48	0.30	21.0	66	0.7	141	709	48
25-11-2022	0.47	16.0	20.3	2.1	3.4	22	54	0.26	22.4	58	1.0	140	710	54
26-11-2022	0.55	16.9	22.3	2.0	3.5	26	65	0.27	22.9	55	0.8	137	708	65
27-11-2022	0.42	22.0	18.5	2.1	4.0	27	66	0.24	23.4	55	0.6	139	707	66
28-11-2022	0.64	31.4	23.3	2.1	4.0	46	115	0.33	23.4	54	0.7	148	708	110
29-11-2022	0.44	36.8	22.5	2.1	4.4	48	119	0.30	22.4	51	0.9	126	709	113
30-11-2022	0.67	33.2	23.9	2.1	4.1	43	106	0.32	21.6	50	0.8	121	709	104
Average	0.48	24.0	23.2	2.1	4.5	28	68	0.32	22.0	54	0.9	123	709	*
Maximum	0.92	37.7	33.7	2.2	5.8	48	119	0.43	23.4	66	1.8	148	711	*
Minimum	0.16	11.4	17.9	2.0	3.4	11	23	0.23	19.7	43	0.6	80	707	*

Silkboard-November-2022

Date	CO mg/m ³	Ozone µg/m ³	NO2 µg/m ³	NH3 µg/m ³	SO2 µg/m ³	PM2.5 µg/m ³	PM10 µg/m ³	BEN µg/m ³	AT °C	RH %	WS m/s	WD deg.	BP mmHg	AQI
01-11-2022	0.56	26.4	23.8	12.2	5.9	21.0	51.8	0.14	21.1	79	1.0	119	689	52
02-11-2022	0.59	22.0	21.0	15.2	5.8	13.3	63.3	0.15	20.7	81	1.1	118	689	63
03-11-2022	0.48	22.7	23.8	11.2	5.6	15.1	60.2	0.12	21.3	81	1.1	109	689	60
04-11-2022	0.47	23.0	24.9	10.5	5.6	12.6	45.0	0.12	22.3	78	1.2	92	690	45
05-11-2022	0.47	25.8	26.0	9.3	5.6	18.6	44.8	0.12	22.8	73	1.2	92	691	45
06-11-2022	0.54	31.3	26.0	9.8	5.7	44.5	106.9	0.14	22.6	73	1.1	105	691	105
07-11-2022	0.95	30.0	23.6	13.4	5.7	53.8	129.1	0.24	22.7	62	0.9	113	690	119
08-11-2022	0.84	28.3	22.4	16.8	5.7	47.3	113.3	0.21	23.4	64	1.0	105	690	109
09-11-2022	1.12	28.4	25.6	13.0	5.7	58.0	139.3	0.27	22.7	64	0.9	105	690	126
10-11-2022	0.52	31.5	24.0	12.9	5.6	37.7	90.4	0.13	22.7	67	1.3	107	689	90
11-11-2022	0.70	34.8	22.5	19.7	5.7	58.5	140.5	0.18	20.6	76	1.6	133	689	127
12-11-2022	0.64	22.5	16.9	22.5	5.6	11.8	29.0	0.16	20.1	88	1.1	121	689	32
13-11-2022	0.47	21.3	19.5	17.1	5.5	8.9	21.5	0.12	21.1	83	1.0	89	690	24
14-11-2022	0.52	25.6	19.1	18.6	5.7	15.5	37.2	0.13	22.3	73	1.1	96	690	37
15-11-2022	0.74	31.4	19.8	20.8	5.7	47.6	114.2	0.18	22.9	71	0.9	100	690	109
16-11-2022	0.92	28.8	16.4	28.1	5.7	65.4	157.0	0.23	22.7	68	0.8	143	689	138
17-11-2022	1.16	27.6	16.6	42.0	5.8	66.0	158.6	0.29	20.9	59	0.9	162	689	139
18-11-2022	1.08	32.1	23.9	40.0	5.7	60.8	145.9	0.27	21.2	56	0.8	123	689	131
19-11-2022	0.90	31.7	15.7	33.6	5.8	57.9	138.8	0.23	20.7	59	0.9	110	689	126
20-11-2022	0.91	30.0	15.5	35.4	5.7	64.6	155.0	0.23	19.5	61	0.9	177	688	137
21-11-2022	0.76	33.5	18.6	29.1	5.9	49.8	119.5	0.19	22.2	58	1.1	149	688	113
22-11-2022	0.82	23.1	15.3	25.1	5.7	25.7	61.7	0.20	21.3	79	0.9	152	688	62
23-11-2022	1.05	21.9	13.4	31.3	5.7	24.2	58.0	0.26	21.9	82	1.0	195	688	58
24-11-2022	0.71	24.6	22.1	16.5	5.6	28.7	68.8	0.18	20.8	87	0.9	95	689	69
25-11-2022	0.65	26.9	21.6	18.8	5.7	30.5	73.3	0.17	22.3	76	1.0	93	689	73
26-11-2022	0.56	28.3	24.2	13.5	5.7	34.9	83.7	0.14	23.1	71	1.0	94	688	84
27-11-2022	0.45	33.3	27.2	10.1	5.7	45.9	110.3	0.11	23.3	72	0.9	98	688	107
28-11-2022	0.79	38.8	25.1	15.4	5.9	72.7	174.5	0.20	23.6	70	0.9	108	688	150
29-11-2022	0.81	38.8	25.0	17.6	5.7	79.3	190.2	0.20	22.4	67	1.0	115	689	164
30-11-2022	0.82	37.8	22.7	19.3	5.7	67.5	161.9	0.21	21.7	64	1.0	107	689	141
Average	0.73	28.7	21.4	20.0	5.7	41.3	101.5	0.18	21.9	71	1.0	118	689	*
Maximum	1.16	38.8	27.2	42.0	5.9	79.3	190.2	0.29	23.6	88	1.6	195	691	*
Minimum	0.45	21.3	13.4	9.3	5.5	8.9	21.5	0.11	19.5	56	0.8	89	688	*



INFERENCE:

The Air Quality monitored through the 7 CAAQMs (Continuous Ambient Air Quality Monitoring Stations) installed in Bengaluru viz., City Railway Station, Hebbal, Saneguruvanahalli, NIMHANS, Jayanagar, KAVIKA-Mysore Road and Central Silk Board-HSR Layout, for the month of November-2022 reveals that the Air quality is in Good, Satisfactory and moderate in almost all days over the number of days monitored. Further, the AQI in few stations have shown Moderate which may be due to high vehicular movement at that particular period of time. The AQI in KAVIKA, Mysore road reached from moderate to Poor which may be due to heavy traffic movements and waste burning observed on road side.

However, the air quality is going to improve on the changed weather conditions and effective traffic management over the days to come.