



KARNATAKA STATE POLLUTION CONTROL BOARD

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

Air Quality Monitoring Cell

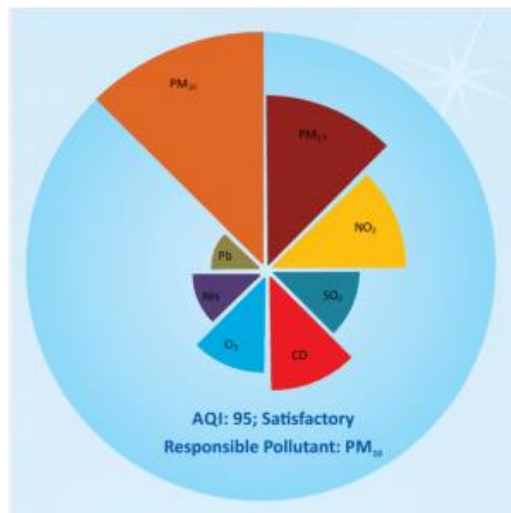
Air Quality Index of CAAQM Stations monitored in Bengaluru city-April-2024.

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 April-2024 is as shown below:

Daily AQI Values of Bengaluru (April-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
01-4-2024	*	64	78	63	88	73	79	*	38	114	65
02-4-2024	*	45	81	101	85	75	58	*	38	125	68
03-4-2024	*	119	82	87	84	70	63	*	34	128	63
04-4-2024	*	70	71	98	72	62	51	*	40	112	58
05-4-2024	*	62	87	89	88	74	72	*	42	102	74
06-4-2024	*	35	95	124	98	89	79	*	45	121	79
07-4-2024	*	76	79	109	97	67	60	*	45	99	60
08-4-2024	*	63	77	100	105	69	58	*	41	102	59
09-4-2024	*	70	76	99	82	66	63	*	70	102	65
10-4-2024	*	70	81	104	109	72	71	*	95	109	64
11-4-2024	*	50	66	104	69	56	66	*	81	90	55
12-4-2024	*	49	52	76	64	43	36	*	116	67	54
13-4-2024	*	55	62	71	65	52	56	*	123	97	55
14-4-2024	*	50	74	102	78	58	57	*	161	81	54
15-4-2024	*	52	67	70	70	56	50	*	137	95	54
16-4-2024	*	47	74	104	76	57	51	*	126	112	59
17-4-2024	*	50	97	103	89	78	78	*	93	107	78
18-4-2024	*	59	90	107	101	75	84	*	55	112	71
19-4-2024	*	75	85	101	111	75	83	*	57	103	79
20-4-2024	*	42	76	87	95	69	87	*	53	117	84
21-4-2024	*	24	89	106	100	78	85	*	47	94	69
22-4-2024	*	61	89	77	91	68	97	*	42	99	69
23-4-2024	*	54	82	104	87	68	101	*	68	101	68
24-4-2024	*	53	99	109	76	74	103	*	85	116	70
25-4-2024	*	37	95	116	93	81	110	*	86	116	79
26-4-2024	*	94	94	115	103	82	100	*	101	107	76
27-4-2024	*	34	103	119	115	86	106	*	106	104	81
28-4-2024	*	61	82	116	85	65	79	*	94	81	57
29-4-2024	*	47	76	81	70	61	88	*	70	97	63
30-4-2024	*	52	74	92	68	60	95	*	68	112	70
Min	*	24	52	63	64	43	36	*	34	67	54
Max	*	119	103	124	115	89	110	*	161	128	84

* Data Not available

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

Nisarga Bhavan, Saneguruvanahalli –April 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
01-4-2024	64.3	2.0	18.1	0.83	28.2	71	0.6	122	44	64
02-4-2024	45.0	1.3	18.2	0.90	27.6	87	0.8	121	46	45
03-4-2024	128.8	2.0	19.0	0.73	27.1	87	1.4	112	43	119
04-4-2024	70.2	1.2	19.7	0.90	27.4	83	1.4	317	42	70
05-4-2024	62.2	2.2	18.9	0.86	27.4	67	1.4	143	44	62
06-4-2024	35.2	3.9	6.0	0.49	28.6	72	1.3	121	49	35
07-4-2024	76.4	2.9	18.4	1.00	28.2	65	0.3	145	51	76
08-4-2024	62.7	6.6	18.5	0.60	27.4	76	0.3	161	44	63
09-4-2024	70.2	1.2	19.7	0.90	27.8	81	1.0	115	48	70
10-4-2024	70.2	2.3	18.6	0.69	27.3	77	1.2	286	64	70
11-4-2024	47.2	1.1	18.3	0.00	28.4	53	0.5	107	42	50
12-4-2024	48.5	0.5	19.6	0.70	28.3	45	0.2	51	43	49
13-4-2024	55.1	0.3	19.7	0.47	29.5	36	0.9	119	42	55
14-4-2024	49.7	4.1	18.6	0.57	28.3	54	0.8	321	38	50
15-4-2024	51.5	6.1	19.7	0.46	28.1	42	0.3	52	43	52
16-4-2024	47.1	4.6	19.0	0.47	29.2	38	1.0	119	45	47
17-4-2024	49.5	5.6	20.3	0.47	29.0	40	0.4	122	43	50
18-4-2024	58.9	1.7	19.9	0.47	29.5	47	0.8	142	38	59
19-4-2024	74.8	3.8	19.2	0.38	28.4	92	0.9	130	44	75
20-4-2024	41.5	1.3	18.0	0.42	28.3	78	1.1	124	41	42
21-4-2024	23.1	6.3	18.9	0.46	28.8	65	0.9	140	53	24
22-4-2024	60.7	7.1	18.1	0.44	28.1	75	1.1	322	50	61
23-4-2024	53.5	4.2	17.6	0.38	28.4	74	1.5	112	53	54
24-4-2024	53.2	3.2	17.3	0.34	28.6	80	1.7	115	65	53
25-4-2024	37.0	4.7	17.4	0.46	28.1	78	1.6	123	56	37
26-4-2024	94.4	5.9	17.7	0.37	28.2	79	1.8	117	56	94
27-4-2024	33.5	0.5	17.7	0.56	28.1	70	1.7	123	53	34
28-4-2024	60.8	1.4	17.5	0.42	21.1	89	0.5	199	48	61
29-4-2024	46.5	1.0	17.7	0.48	27.3	96	1.3	303	58	47
30-4-2024	51.5	2.3	17.1	0.50	27.3	96	1.7	181	61	52
Minimum	23.1	0.3	6.0	0.00	21.1	36	0.2	51	38	*
Maximum	128.8	7.1	20.3	1.00	29.5	96	1.8	322	65	*
Average	57.4	3.0	18.2	0.56	27.9	70	1.0	156	48	*

City Railway Station, Majestic-April 2024 – Data not available

Veterinary College, Hebbal - April 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
01-4-2024	77.6	31.0	10.5	3.7	0.36	20.9	4.9	0.06	28.8	78	0.8	131	712	78
02-4-2024	80.6	32.2	9.8	3.8	0.39	13.6	4.9	0.06	30.3	80	0.9	130	710	81
03-4-2024	82.4	32.8	12.7	6.4	0.40	10.7	5.9	0.06	29.9	76	1.0	125	711	82
04-4-2024	70.5	24.8	11.8	12.1	0.36	14.5	11.0	0.06	30.1	72	0.9	116	711	71
05-4-2024	87.2	34.2	10.0	3.8	0.38	17.5	4.9	0.07	30.3	70	0.9	117	642	87
06-4-2024	94.5	38.7	9.5	3.7	0.40	27.3	4.9	0.09	30.6	70	0.9	139	599	95
07-4-2024	78.7	29.5	9.7	3.8	0.36	12.1	4.9	0.05	30.3	70	1.0	106	598	79
08-4-2024	76.7	32.3	10.5	3.8	0.36	16.3	4.9	0.05	30.1	74	1.0	122	596	77
09-4-2024	76.1	33.8	16.0	3.7	0.35	27.2	4.9	0.04	29.0	73	1.1	123	596	76
10-4-2024	81.3	39.3	16.2	3.7	0.38	23.7	4.9	0.04	29.0	76	1.1	127	596	81
11-4-2024	65.6	27.4	14.5	3.8	0.37	18.7	4.9	0.03	28.9	78	1.0	117	601	66
12-4-2024	51.5	20.1	11.6	3.5	0.29	8.8	4.0	0.03	27.4	83	1.1	128	597	52
13-4-2024	61.9	25.2	14.8	3.8	0.35	17.2	4.9	0.03	28.5	81	1.1	118	602	62
14-4-2024	73.5	31.0	15.6	3.8	0.40	19.0	4.9	0.04	28.9	79	1.0	136	604	74
15-4-2024	67.3	22.9	14.5	3.8	0.36	14.5	4.9	0.04	29.2	79	1.1	138	600	67
16-4-2024	74.2	24.8	14.7	3.7	0.35	18.4	4.9	0.04	29.6	82	0.9	116	599	74
17-4-2024	96.9	42.3	15.2	3.8	0.47	16.9	4.9	0.05	29.7	96	0.7	101	650	97
18-4-2024	90.2	40.8	16.0	3.7	0.43	11.5	4.9	0.05	31.0	95	0.8	128	708	90
19-4-2024	85.1	40.5	16.7	3.8	0.40	13.6	4.9	0.04	30.2	93	0.8	123	706	85
20-4-2024	76.1	39.0	16.9	3.7	0.32	16.0	4.9	0.04	28.0	85	0.7	131	707	76
21-4-2024	88.5	41.8	16.6	3.8	0.45	10.9	4.9	0.04	30.6	79	0.7	142	707	89
22-4-2024	89.2	36.8	16.0	3.8	0.47	17.3	4.9	0.05	30.8	83	0.8	107	708	89
23-4-2024	82.0	31.1	16.2	3.8	0.37	13.2	4.9	0.04	30.4	82	0.9	101	707	82
24-4-2024	99.0	32.5	15.0	3.7	0.38	11.1	4.9	0.05	30.0	80	0.9	101	707	99
25-4-2024	95.3	41.9	16.1	3.7	0.40	14.0	4.9	0.05	30.7	86	0.9	125	707	95
26-4-2024	93.6	48.8	15.4	3.8	0.40	14.3	4.9	0.04	30.7	88	0.9	105	707	94
27-4-2024	103.8	49.7	14.4	3.8	0.42	14.2	4.9	0.04	30.6	85	0.8	152	707	103
28-4-2024	81.5	31.8	11.5	3.7	0.43	14.2	4.9	0.04	31.5	85	0.9	118	707	82
29-4-2024	76.4	25.7	13.1	3.7	0.36	12.7	4.9	0.05	30.8	85	0.8	134	708	76
30-4-2024	73.9	25.5	10.7	3.8	0.34	20.9	4.9	0.06	31.4	86	0.8	183	707	74
Minimum	51.5	20.1	9.5	3.5	0.29	8.8	4.0	0.03	27.4	70	0.7	101	596	*
Maximum	103.8	49.7	16.9	12.1	0.47	27.3	11.0	0.09	31.5	96	1.1	183	712	*
Average	81.0	33.6	13.7	4.1	0.38	16.0	5.1	0.05	29.9	81	0.9	125	664	*

Shalini Ground, Jayanagar - April 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
01-4-2024	63.1	35.2	18.6	8.5	0.24	18.2	15.1	0.2	24.7	81	1.2	199	727	63
02-4-2024	101.1	42.5	13.0	9.2	0.51	24.7	11.8	0.1	30.9	66	1.0	177	721	101
03-4-2024	87.4	38.8	16.7	6.9	0.42	22.7	5.8	0.2	27.4	50	1.1	178	714	87
04-4-2024	98.0	35.8	12.9	7.0	0.42	27.6	6.0	0.1	27.2	45	1.1	182	714	98
05-4-2024	89.2	36.9	19.0	6.8	0.42	22.7	6.4	0.2	27.4	42	0.9	184	714	89
06-4-2024	136.5	50.0	23.9	7.1	0.43	22.0	6.5	0.3	27.4	40	0.8	184	713	124
07-4-2024	112.9	42.8	18.6	5.5	0.33	22.0	6.2	0.2	27.3	42	1.2	198	713	109
08-4-2024	100.2	37.4	16.9	4.5	0.27	22.1	6.6	0.2	27.1	47	1.2	191	713	100
09-4-2024	99.2	41.2	17.4	3.7	0.22	22.1	6.9	0.2	26.7	44	0.9	167	714	99
10-4-2024	106.0	50.6	19.4	4.1	0.06	27.1	9.9	0.2	26.6	51	0.9	171	714	104
11-4-2024	105.7	38.0	13.4	4.3	0.11	36.6	13.2	0.1	26.7	50	0.9	150	714	104
12-4-2024	76.1	30.4	13.2	4.4	0.12	26.6	13.2	0.1	26.4	57	1.0	134	714	76
13-4-2024	70.6	33.4	13.8	4.1	0.12	27.6	13.2	0.1	26.4	55	1.0	146	715	71
14-4-2024	103.5	41.5	14.6	4.3	0.12	27.4	13.2	0.1	26.7	46	0.9	141	715	102
15-4-2024	70.0	28.0	39.2	4.6	0.13	27.5	13.4	0.4	26.6	47	0.9	118	715	70
16-4-2024	106.6	34.8	18.6	5.5	0.12	27.5	13.7	0.2	27.0	42	0.8	142	714	104
17-4-2024	103.8	44.7	13.5	5.5	0.12	27.6	13.5	0.1	27.1	47	0.9	159	714	103
18-4-2024	110.0	46.1	13.2	5.5	0.12	27.6	13.3	0.1	27.6	51	1.2	178	713	107
19-4-2024	100.8	44.5	24.4	4.0	0.11	27.2	13.3	0.3	27.1	56	1.2	192	712	101
20-4-2024	87.3	43.3	25.8	5.1	0.11	23.4	13.9	0.3	26.1	62	1.3	208	712	87
21-4-2024	108.4	45.6	15.2	6.0	0.11	22.0	13.3	0.2	27.6	49	0.7	147	712	106
22-4-2024	76.7	34.3	19.1	5.0	0.11	22.0	13.5	0.2	27.6	46	1.1	178	713	77
23-4-2024	106.3	41.0	11.2	4.5	0.12	21.9	13.6	0.1	27.5	43	1.1	160	712	104
24-4-2024	113.5	39.2	23.7	4.4	0.11	22.0	13.7	0.3	27.2	37	1.0	159	712	109
25-4-2024	123.5	49.8	15.1	5.8	0.11	22.0	13.4	0.2	27.5	42	0.8	163	712	116
26-4-2024	122.1	52.4	18.1	4.7	0.13	22.0	13.1	0.2	27.5	46	0.9	153	712	115
27-4-2024	128.3	53.4	28.7	2.2	0.12	27.5	13.7	0.3	27.6	40	0.8	155	712	119
28-4-2024	123.4	42.7	15.6	3.3	0.12	36.6	12.8	0.2	27.9	38	0.8	147	712	116
29-4-2024	80.5	33.5	9.7	7.5	0.12	25.8	6.4	0.1	27.6	44	1.1	166	714	81
30-4-2024	92.2	31.9	20.3	6.4	0.12	25.1	7.5	0.2	27.8	42	1.1	170	712	92
Minimum	63.1	28.0	9.7	2.2	0.06	18.2	5.8	0.1	24.7	37	0.7	118	712	*
Maximum	136.5	53.4	39.2	9.2	0.51	36.6	15.1	0.4	30.9	81	1.3	208	727	*
Average	100.1	40.6	18.1	5.3	0.19	25.2	11.2	0.2	27.2	48	1.0	167	714	*

KAVIKA, Mysore Road - April 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
01-4-2024	87.9	51.2	5.2	8.4	0.76	31.0	2.0	0.32	29.4	87.0	0.9	184	720	88
02-4-2024	82.1	50.8	4.8	8.6	0.69	18.3	2.3	0.29	30.6	86.7	1.0	173	718	85
03-4-2024	78.2	50.4	4.0	8.5	0.58	16.5	2.1	0.25	30.3	86.7	1.0	179	719	84
04-4-2024	67.1	42.9	4.9	8.1	0.70	15.1	2.2	0.30	30.8	86.6	1.0	175	720	72
05-4-2024	82.6	52.5	5.3	8.8	0.77	13.5	2.1	0.33	31.1	86.5	0.9	178	719	88
06-4-2024	96.6	58.8	6.5	8.8	0.93	15.6	2.1	0.39	31.3	86.5	0.9	172	718	98
07-4-2024	74.5	58.4	6.5	8.5	0.94	11.3	2.1	0.40	30.7	86.6	1.1	191	718	97
08-4-2024	82.1	61.5	6.0	8.5	0.87	14.2	2.1	0.37	30.4	86.8	1.0	185	719	105
09-4-2024	77.9	49.2	6.2	8.4	0.89	25.8	2.1	0.38	29.7	87.0	1.1	154	720	82
10-4-2024	97.2	62.7	5.7	8.3	0.82	28.7	2.1	0.34	29.5	87.1	1.1	141	720	109
11-4-2024	65.7	41.2	6.1	8.5	0.88	28.0	2.1	0.37	29.8	87.0	1.0	156	720	69
12-4-2024	64.4	35.7	7.0	8.5	1.00	26.6	2.1	0.42	29.1	87.1	1.2	147	720	64
13-4-2024	56.4	38.9	5.7	8.4	0.82	27.5	2.1	0.35	29.0	87.2	1.1	161	720	65
14-4-2024	70.4	46.6	5.8	8.5	0.84	29.6	2.1	0.36	29.6	87.0	1.1	150	721	78
15-4-2024	69.7	39.0	6.2	8.4	0.89	28.5	2.1	0.37	29.7	87.1	1.2	139	722	70
16-4-2024	75.6	43.9	6.2	8.4	0.89	29.1	2.1	0.38	30.4	86.9	0.9	147	721	76
17-4-2024	89.4	51.2	6.1	8.4	0.88	29.5	2.1	0.37	30.5	86.9	0.8	185	720	89
18-4-2024	89.3	60.3	5.4	8.4	0.77	26.5	2.1	0.33	31.3	86.5	1.0	198	718	101
19-4-2024	84.0	63.3	5.7	8.5	0.82	28.2	2.1	0.35	30.2	86.9	1.0	221	717	111
20-4-2024	95.3	51.0	5.5	8.5	0.79	27.9	2.1	0.33	28.5	87.4	1.0	234	717	95
21-4-2024	94.9	60.0	4.6	8.5	0.66	28.0	2.1	0.28	31.5	86.6	0.9	152	717	100
22-4-2024	75.9	54.4	5.7	8.4	0.82	28.5	2.0	0.35	31.2	86.7	0.9	194	718	91
23-4-2024	76.7	52.0	5.3	8.4	0.64	29.9	2.1	0.32	31.2	86.6	1.0	181	717	87
24-4-2024	69.0	45.8	5.5	8.4	0.60	31.8	2.1	0.34	30.9	86.7	1.0	176	717	76
25-4-2024	85.0	56.1	5.2	8.4	0.85	32.2	2.1	0.31	31.5	86.6	1.0	173	717	93
26-4-2024	80.6	61.1	5.8	8.4	0.68	30.7	2.1	0.35	31.4	86.6	1.0	173	717	103
27-4-2024	95.0	64.5	6.4	8.5	0.72	30.5	2.1	0.39	31.5	86.6	0.9	175	717	115
28-4-2024	67.8	51.0	5.2	8.5	0.67	31.3	2.1	0.32	32.0	86.4	1.0	166	718	85
29-4-2024	63.3	41.8	5.2	8.5	0.65	28.2	2.1	0.31	31.5	86.5	1.0	187	719	70
30-4-2024	67.1	41.1	5.0	8.5	0.60	28.0	2.1	0.30	32.1	86.3	1.0	191	718	68
Minimum	56.4	35.7	4.0	8.1	0.58	11.3	2.0	0.25	28.5	86.3	0.8	139	717	*
Maximum	97.2	64.5	7.0	8.8	1.00	32.2	2.3	0.42	32.1	87.4	1.2	234	722	*
Average	78.7	51.2	5.6	8.5	0.78	25.7	2.1	0.34	30.6	86.8	1.0	175	719	*

NIMHANS - April 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
01-4-2024	73.1	29.6	3.3	14.0	0.26	4.4	8.7	0.37	28.4	51	1.1	171	714	73
02-4-2024	75.4	30.2	3.1	14.3	0.24	4.4	7.2	0.19	29.8	49	1.2	159	712	75
03-4-2024	70.2	28.1	2.5	14.0	0.25	4.4	6.6	0.16	29.5	49	1.2	172	713	70
04-4-2024	61.6	22.8	2.9	12.9	0.25	4.3	5.7	0.16	29.8	44	1.1	162	713	62
05-4-2024	73.8	34.2	2.9	14.2	0.22	4.4	5.9	0.15	30.0	41	1.1	168	713	74
06-4-2024	88.5	39.9	2.7	16.5	0.23	4.4	6.2	0.19	30.0	39	1.0	151	712	89
07-4-2024	67.3	31.2	3.1	13.4	0.25	4.3	5.8	0.14	29.9	41	1.3	181	712	67
08-4-2024	68.8	31.9	3.1	11.3	0.26	4.3	5.7	0.12	29.9	47	1.5	183	713	69
09-4-2024	66.3	32.8	3.1	11.1	0.23	4.3	5.4	0.10	28.5	45	1.5	138	713	66
10-4-2024	72.2	40.7	2.6	11.0	0.24	4.4	5.8	0.11	28.4	51	1.5	127	713	72
11-4-2024	56.0	26.2	2.8	11.5	0.24	4.3	5.2	0.10	28.6	50	1.4	135	714	56
12-4-2024	43.3	19.9	3.0	9.6	0.24	4.3	4.8	0.07	28.1	57	1.7	128	714	43
13-4-2024	51.6	20.6	3.5	9.9	0.25	4.3	4.7	0.08	28.0	55	1.7	135	714	52
14-4-2024	57.8	23.1	3.5	11.7	0.22	4.4	4.5	0.09	28.5	46	1.3	129	714	58
15-4-2024	55.8	22.3	3.5	12.0	0.26	4.2	4.5	0.09	28.5	53	1.5	122	714	56
16-4-2024	57.0	22.9	2.7	14.9	0.24	4.3	4.4	0.10	28.9	43	1.2	134	714	57
17-4-2024	77.7	31.0	2.9	14.7	0.28	4.3	5.3	0.14	29.6	46	1.0	175	713	78
18-4-2024	75.4	30.3	3.1	12.8	0.23	4.3	5.5	0.14	30.8	49	1.4	198	712	75
19-4-2024	74.8	29.8	3.0	12.2	0.24	4.3	5.6	0.13	30.2	54	1.3	211	711	75
20-4-2024	69.3	27.7	2.8	13.2	0.23	4.4	5.8	0.14	28.2	59	1.5	243	711	69
21-4-2024	77.5	30.9	3.3	13.3	0.25	4.2	5.7	0.15	30.5	48	1.1	148	711	78
22-4-2024	68.4	27.3	2.6	12.8	0.42	20.0	5.5	0.12	30.7	45	1.2	181	712	68
23-4-2024	67.8	27.1	3.2	12.0	0.54	44.0	4.9	0.11	30.4	42	1.4	177	711	68
24-4-2024	74.0	29.7	3.7	13.9	0.59	16.0	4.5	0.11	29.9	35	1.3	155	711	74
25-4-2024	81.1	32.5	3.8	13.0	0.59	20.8	5.4	0.12	30.5	40	1.3	156	711	81
26-4-2024	82.0	32.9	3.6	11.9	0.59	20.0	5.7	0.15	30.3	45	1.2	159	711	82
27-4-2024	86.2	34.5	4.8	13.3	0.57	16.6	5.3	0.13	30.3	39	1.2	154	711	86
28-4-2024	65.3	26.1	3.7	13.4	0.55	13.5	4.6	0.11	31.0	37	1.2	145	712	65
29-4-2024	60.6	24.2	3.2	13.8	0.62	7.5	4.6	0.13	30.7	42	1.2	181	713	61
30-4-2024	60.0	23.9	3.4	13.1	0.59	8.5	5.0	0.14	31.4	41	1.2	174	711	60
Minimum	43.3	19.9	2.5	9.6	0.22	4.2	4.4	0.07	28.0	35	1.0	122	711	*
Maximum	88.5	40.7	4.8	16.5	0.62	44.0	8.7	0.37	31.4	59	1.7	243	714	*
Average	68.6	28.8	3.2	12.9	0.34	8.6	5.5	0.13	29.6	46	1.3	162	712	*

H.S.R Layout, Near Central Silkboard - April 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
01-4-2024	78.6	35.7	7.7	23.5	0.61	29.5	22.8	0.43	30.8	40	1.2	137	687	79
02-4-2024	58.4	26.9	6.8	17.9	0.39	24.0	20.6	0.19	29.9	46	1.3	115	699	58
03-4-2024	62.9	30.2	9.5	17.9	0.39	24.8	21.1	0.18	29.9	43	1.3	114	712	63
04-4-2024	51.0	23.2	3.0	17.4	0.40	27.9	20.0	0.41	29.2	43	1.3	130	712	51
05-4-2024	71.5	32.5	8.2	17.0	0.39	36.4	18.6	0.29	29.6	41	1.2	130	712	72
06-4-2024	79.2	36.0	6.7	16.9	0.39	19.7	18.0	0.18	29.6	39	1.2	117	712	79
07-4-2024	59.9	27.3	5.5	15.1	0.38	19.8	17.1	0.17	29.4	40	1.4	138	711	60
08-4-2024	58.4	26.5	9.3	16.4	0.39	20.2	19.4	0.20	29.1	47	1.5	149	712	58
09-4-2024	62.8	28.5	7.9	13.2	0.36	19.5	16.5	0.16	27.8	45	1.5	107	712	63
10-4-2024	70.7	32.1	6.2	11.1	0.32	19.6	14.3	0.10	27.6	51	1.5	98	713	71
11-4-2024	66.0	31.8	9.9	8.2	0.30	19.5	10.3	0.11	25.8	56	1.5	111	716	66
12-4-2024	35.5	15.8	1.7	9.8	0.35	24.0	14.2	0.15	28.9	48	1.7	102	713	36
13-4-2024	56.1	25.5	6.8	9.3	0.34	20.0	12.9	0.13	27.2	55	1.5	107	713	56
14-4-2024	56.5	25.7	6.5	9.7	0.34	20.0	12.6	0.12	27.9	45	1.3	105	713	57
15-4-2024	49.5	22.5	4.2	9.2	0.34	23.4	12.2	0.13	27.7	47	1.5	99	714	50
16-4-2024	50.6	23.0	6.4	9.1	0.34	24.5	10.9	0.12	28.4	42	1.2	95	713	51
17-4-2024	77.5	35.2	5.7	9.7	0.43	25.0	8.1	0.22	29.1	45	1.1	135	712	78
18-4-2024	83.8	38.1	6.0	11.0	0.44	24.7	7.6	0.24	30.2	49	1.3	167	712	84
19-4-2024	82.6	37.5	6.7	8.9	0.48	24.7	6.2	0.28	29.6	53	1.3	171	711	83
20-4-2024	86.6	39.4	9.2	9.6	0.60	24.6	5.4	0.42	27.6	59	1.2	194	711	87
21-4-2024	85.3	39.0	7.9	4.0	0.33	25.1	2.5	0.12	29.6	48	1.1	116	711	85
22-4-2024	97.0	42.6	9.4	10.7	0.20	24.9	1.5	0.03	30.1	45	1.3	143	711	97
23-4-2024	102.2	45.0	7.6	8.6	0.21	24.9	1.7	0.02	29.8	43	1.5	139	711	101
24-4-2024	104.3	45.9	4.1	8.4	0.19	25.1	1.7	0.07	29.3	36	1.4	124	711	103
25-4-2024	115.1	50.5	8.7	10.5	0.32	24.6	1.3	0.13	30.0	40	1.3	129	711	110
26-4-2024	100.5	44.3	2.5	7.9	0.49	27.4	1.0	0.13	29.7	46	1.3	125	711	100
27-4-2024	109.4	48.0	4.2	9.2	0.20	29.9	1.0	0.51	30.0	39	1.2	114	711	106
28-4-2024	78.8	34.6	1.6	7.3	0.29	30.2	1.6	0.19	30.4	38	1.3	113	711	79
29-4-2024	87.7	38.6	13.4	9.7	0.23	29.9	1.9	1.64	30.1	44	1.3	141	713	88
30-4-2024	95.0	41.9	8.8	9.9	0.25	29.6	1.9	0.96	30.7	41	1.3	145	711	95
Minimum	35.5	15.8	1.6	4.0	0.19	19.5	1.0	0.02	25.8	36	1.1	95	687	*
Maximum	115.1	50.5	13.4	23.5	0.61	36.4	22.8	1.64	30.8	59	1.7	194	716	*
Average	75.8	34.1	6.7	11.6	0.36	24.8	10.2	0.27	29.2	45	1.3	127	711	*

R.V.Engineering College, Kengeri - April 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
01-4-2024	33.1	15.0	4.9	22.3	0.76	21.6	16.6	0.53	28.4	47	0.8	62	925	158	38
02-4-2024	22.0	13.5	5.3	22.0	0.75	26.9	23.6	0.47	28.6	41	0.8	70	927	148	38
03-4-2024	14.5	13.8	5.6	25.1	0.67	22.5	26.7	0.30	28.9	47	1.0	56	927	193	34
04-4-2024	14.0	12.9	5.9	31.3	0.80	24.7	26.9	0.34	29.6	49	0.9	61	926	156	40
05-4-2024	11.8	12.4	5.6	26.4	0.83	26.8	26.9	0.24	29.8	43	0.9	91	926	156	42
06-4-2024	15.7	12.8	5.7	20.2	0.90	48.6	27.0	0.63	29.6	40	0.6	123	924	115	45
07-4-2024	44.7	21.7	5.7	20.3	0.82	31.4	26.9	1.04	30.0	38	0.6	103	924	110	45
08-4-2024	41.3	18.9	3.8	20.9	0.72	25.1	22.1	0.54	30.3	38	0.6	94	923	136	41
09-4-2024	69.6	29.8	2.7	20.8	0.76	21.3	18.9	0.56	30.6	47	0.8	68	922	98	70
10-4-2024	95.2	44.2	2.7	20.8	0.81	27.9	26.6	0.81	29.8	50	0.8	72	922	133	95
11-4-2024	80.9	42.2	2.8	27.1	0.80	32.0	22.0	0.54	29.8	47	0.9	63	924	195	81
12-4-2024	107.8	64.7	4.1	33.7	1.09	27.9	18.9	0.57	30.0	44	0.8	64	922	185	116
13-4-2024	135.2	58.9	6.0	24.3	1.54	39.5	26.5	0.67	30.5	44	1.0	43	923	178	123
14-4-2024	192.2	57.8	7.7	21.1	1.65	38.4	27.0	0.81	30.6	50	1.1	37	921	80	161
15-4-2024	155.6	44.3	6.4	24.5	1.32	30.2	16.6	0.91	30.6	50	0.8	72	923	169	137
16-4-2024	138.3	40.5	6.3	21.8	1.12	23.0	25.6	0.86	30.2	49	0.7	70	925	155	126
17-4-2024	93.2	39.3	6.4	21.8	0.97	44.3	29.4	0.70	29.5	49	0.8	69	926	154	93
18-4-2024	42.3	33.0	5.6	21.6	0.92	37.1	30.7	0.47	29.8	43	0.9	57	925	156	55
19-4-2024	30.0	34.1	6.2	21.2	0.91	32.5	29.0	0.37	29.9	41	0.9	68	924	191	57
20-4-2024	42.9	31.8	5.3	21.3	0.95	39.7	25.4	0.50	29.8	49	1.1	37	924	172	53
21-4-2024	32.4	22.7	5.5	20.8	0.92	46.9	36.0	0.54	29.1	56	1.2	35	923	112	47
22-4-2024	22.7	15.1	6.4	20.9	0.84	39.1	33.8	0.56	29.5	56	0.8	69	924	117	42
23-4-2024	68.4	25.8	6.7	20.9	0.76	25.3	30.8	0.80	29.9	46	0.8	103	923	96	68
24-4-2024	85.2	24.8	6.7	20.8	0.78	30.1	17.7	0.31	29.8	42	0.9	84	924	114	85
25-4-2024	86.3	26.1	6.7	20.2	0.81	37.0	23.6	0.38	30.0	42	1.0	61	923	91	86
26-4-2024	101.9	31.0	6.7	20.6	0.71	44.4	28.9	0.34	30.1	40	1.0	74	924	135	101
27-4-2024	108.4	27.0	6.7	21.0	0.73	49.8	25.5	0.28	29.7	48	0.9	73	925	151	106
28-4-2024	94.4	28.6	6.7	21.0	0.80	39.5	18.1	0.45	30.6	44	0.9	81	924	141	94
29-4-2024	70.4	25.2	6.7	20.9	0.82	32.8	26.6	0.24	30.8	41	1.0	76	924	150	70
30-4-2024	68.0	21.8	4.1	20.4	0.86	31.6	19.5	0.26	30.6	41	0.9	73	923	106	68
Minimum	11.8	12.4	2.7	20.2	0.67	21.3	16.6	0.24	28.4	38	0.6	35	921	80	*
Maximum	192.2	64.7	7.7	33.7	1.65	49.8	36.0	1.04	30.8	56	1.2	123	927	195	*
Average	70.6	29.6	5.6	22.5	0.90	33.3	25.1	0.53	29.9	45	0.9	70	924	142	*

Jigani Industrial Area, Anekal - April 2024- Data not available

RTO Office, Kasturinagar – April 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
01-4-2024	120.4	49.9	7.8	13.3	0.48	42.4	14.3	0.97	29.3	47	1.4	190	952	319	114
02-4-2024	137.4	55.6	7.8	13.2	0.48	57.4	14.3	0.97	30.1	41	1.5	159	948	309	125
03-4-2024	141.5	57.0	7.8	13.3	0.48	59.4	14.3	0.97	29.8	41	1.6	157	961	295	128
04-4-2024	117.8	51.0	7.8	13.2	0.48	55.7	14.3	0.97	30.0	37	1.4	176	950	332	112
05-4-2024	103.2	49.2	7.8	13.2	0.48	63.6	14.3	0.97	30.5	33	1.3	162	941	304	102
06-4-2024	130.8	62.5	7.8	13.3	0.52	66.1	14.3	0.97	30.7	31	1.4	200	949	289	121
07-4-2024	99.1	47.2	7.8	13.3	0.52	65.0	14.3	0.98	30.0	38	1.5	220	945	292	99
08-4-2024	103.3	49.2	7.8	13.2	0.48	74.3	14.3	0.98	29.7	35	1.3	177	942	285	102
09-4-2024	103.6	49.3	7.8	13.2	0.49	54.5	14.3	0.97	28.3	47	1.4	155	941	280	102
10-4-2024	113.2	54.0	7.8	13.3	0.52	47.4	14.4	0.97	28.5	46	1.4	153	947	294	109
11-4-2024	89.7	42.6	7.8	13.2	0.48	39.0	14.3	0.96	28.8	46	1.5	163	945	296	90
12-4-2024	66.7	31.5	7.8	13.3	0.49	33.3	14.4	0.97	27.9	55	1.5	186	935	218	67
13-4-2024	96.7	46.0	7.8	13.3	0.50	47.4	14.4	0.97	28.1	49	1.3	199	935	271	97
14-4-2024	80.6	38.2	7.8	13.3	0.48	61.9	14.3	0.97	28.5	42	1.4	150	940	266	81
15-4-2024	94.7	45.0	7.8	13.3	0.48	51.2	14.3	0.97	28.7	41	1.4	147	944	269	95
16-4-2024	118.2	56.4	7.8	13.3	0.48	59.3	14.4	0.97	29.8	33	1.3	174	942	269	112
17-4-2024	111.3	53.1	7.8	13.3	0.50	50.7	14.3	0.97	30.0	44	1.4	220	947	215	107
18-4-2024	115.1	54.9	7.8	13.3	0.52	54.6	14.3	0.97	31.1	45	1.4	197	950	257	112
19-4-2024	105.4	50.2	7.8	13.2	0.48	65.3	14.3	0.98	30.5	49	1.4	210	933	230	103
20-4-2024	125.1	59.8	7.8	13.2	0.50	44.3	14.4	0.97	28.4	58	1.4	169	918	174	117
21-4-2024	94.0	44.7	7.8	13.3	0.51	66.8	14.3	0.97	30.7	42	1.2	143	928	260	94
22-4-2024	99.3	47.2	7.8	13.2	0.48	60.0	14.3	0.97	30.7	41	1.4	195	945	250	99
23-4-2024	101.3	48.2	7.8	13.2	0.48	68.4	14.3	0.97	30.3	32	1.5	179	943	290	101
24-4-2024	123.4	58.9	7.8	13.3	0.50	61.9	14.3	0.98	30.1	31	1.5	184	952	274	116
25-4-2024	123.8	59.1	7.8	13.2	0.49	60.6	14.3	0.97	30.5	41	1.5	169	941	241	116
26-4-2024	110.7	52.8	7.8	13.3	0.48	70.1	14.3	0.97	30.6	36	1.4	166	956	276	107
27-4-2024	106.2	50.6	7.8	13.3	0.48	69.7	14.4	0.97	30.9	31	1.3	167	961	289	104
28-4-2024	81.1	38.4	7.9	13.3	0.49	66.1	14.3	0.98	31.2	32	1.6	156	933	285	81
29-4-2024	97.1	46.2	7.8	13.3	0.52	56.6	14.4	0.97	31.1	35	1.4	174	916	286	97
30-4-2024	118.4	56.5	7.8	13.3	0.48	58.4	14.3	0.97	31.4	42	1.5	209	915	282	112
Minimum	66.7	31.5	7.8	13.2	0.48	33.3	14.3	0.96	27.9	31	1.2	143	915	174	*
Maximum	141.5	62.5	7.9	13.3	0.52	74.3	14.4	0.98	31.4	58	1.6	220	961	332	*
Average	107.6	50.2	7.8	13.3	0.49	57.7	14.3	0.97	29.9	41	1.4	177	942	273	*

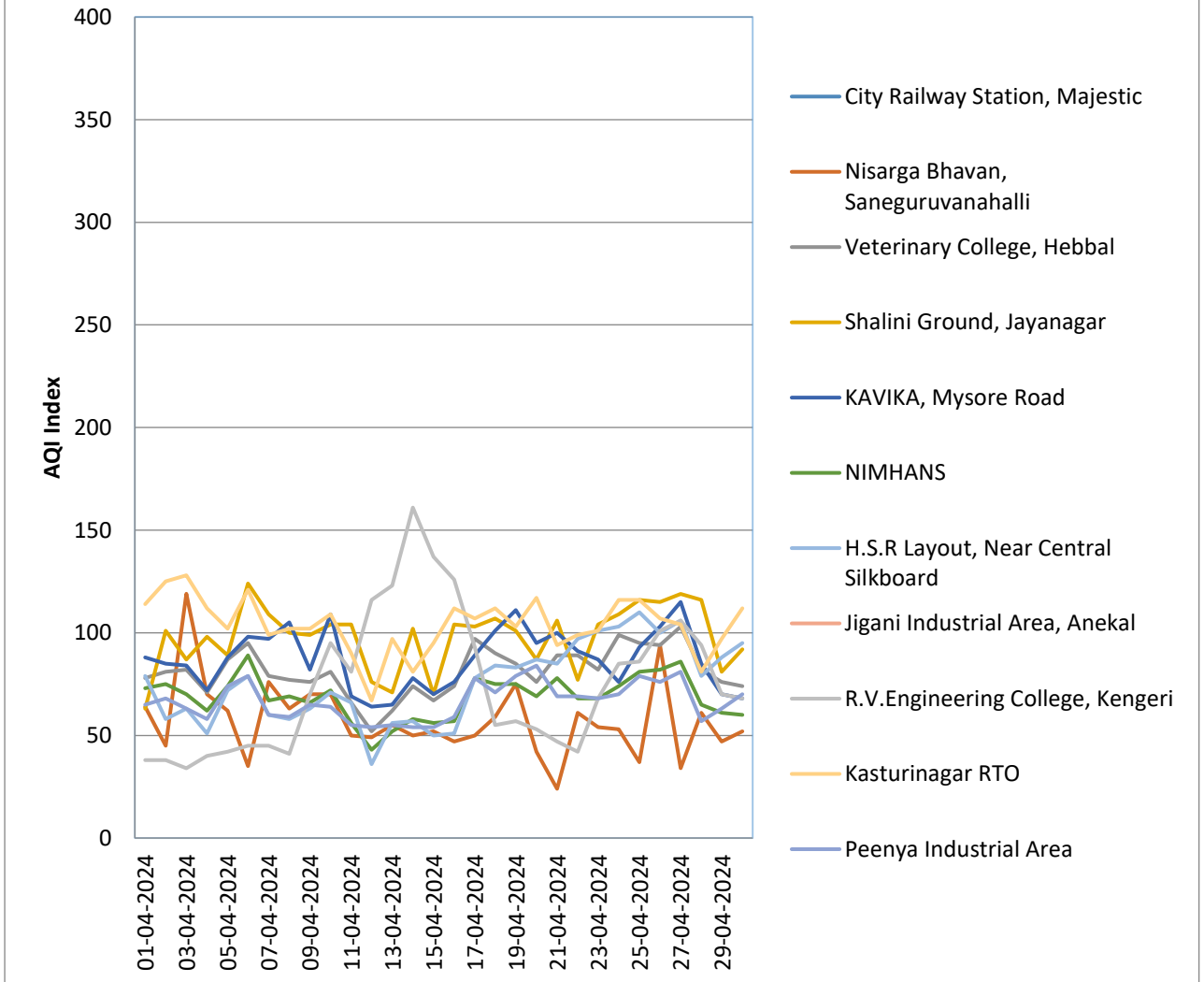
NTTF, Peenya Industrial Area-April 2024

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
01-4-2024	64.7	35.6	8.4	12.4	0.93	54.3	15.3	0.00	27.9	51	0.7	138	941	180	65
02-4-2024	68.2	18.5	8.3	12.4	0.66	54.5	15.3	1.00	28.7	44	0.7	125	941	181	68
03-4-2024	62.8	24.9	9.2	12.4	0.66	54.3	15.3	0.00	28.4	44	0.8	125	941	175	63
04-4-2024	57.5	22.9	12.4	12.4	0.67	54.3	15.3	0.82	28.6	41	0.8	128	942	195	58
05-4-2024	73.5	32.8	11.4	12.4	0.74	54.3	15.3	1.64	28.8	40	0.7	126	941	172	74
06-4-2024	79.1	35.6	14.6	12.4	0.76	54.4	15.3	1.64	29.0	37	0.9	125	940	169	79
07-4-2024	60.0	27.0	11.7	12.4	0.79	54.4	15.3	1.64	28.4	45	0.8	139	941	187	60
08-4-2024	58.7	26.4	15.7	12.4	0.68	54.3	15.3	1.64	28.5	39	0.9	128	941	186	59
09-4-2024	64.5	29.0	11.2	12.4	0.62	54.3	15.3	1.64	27.7	50	0.9	114	942	188	65
10-4-2024	64.0	28.8	6.0	12.4	0.60	54.5	15.2	1.64	27.7	48	0.9	109	942	193	64
11-4-2024	54.9	24.7	6.6	12.4	0.60	54.2	15.3	1.64	27.9	47	1.0	117	942	195	55
12-4-2024	46.4	20.9	7.1	12.4	0.59	54.3	15.3	1.64	27.3	59	1.0	112	942	159	54
13-4-2024	54.7	24.6	8.0	12.4	0.58	54.3	15.3	1.64	27.4	55	0.9	118	942	173	55
14-4-2024	52.5	23.6	4.5	12.4	0.57	54.4	15.3	1.64	27.7	47	0.8	109	942	199	54
15-4-2024	51.6	23.2	7.4	12.4	0.57	54.4	15.3	1.64	27.8	44	0.8	109	942	190	54
16-4-2024	58.8	26.5	10.6	12.4	0.60	54.5	15.3	1.64	28.7	35	0.8	114	942	187	59
17-4-2024	77.8	35.0	7.0	12.4	0.86	54.4	15.3	1.64	28.4	49	0.7	135	942	128	78
18-4-2024	71.2	32.1	4.9	12.4	0.67	54.5	15.4	1.64	29.0	48	0.6	157	941	137	71
19-4-2024	79.2	35.7	4.7	12.4	0.72	54.6	15.3	1.65	28.3	51	0.7	171	939	137	79
20-4-2024	83.8	37.7	4.6	12.4	0.74	54.2	15.3	1.64	27.2	57	0.5	172	939	116	84
21-4-2024	68.5	30.8	7.2	12.4	0.63	54.5	15.3	1.65	29.2	40	0.8	128	939	193	69
22-4-2024	69.3	31.2	6.8	12.4	0.70	54.5	15.2	1.64	28.9	43	0.7	141	939	173	69
23-4-2024	67.5	30.4	14.9	12.4	0.56	54.3	15.2	1.64	28.9	35	0.9	123	938	183	68
24-4-2024	69.6	31.3	13.5	12.4	0.60	54.3	15.3	1.64	28.7	34	0.9	126	938	175	70
25-4-2024	78.8	35.5	14.1	12.4	0.65	54.3	15.3	1.64	29.0	48	0.9	128	938	152	79
26-4-2024	76.4	34.4	22.2	12.4	0.62	54.4	15.3	1.64	29.0	40	0.8	126	938	174	76
27-4-2024	80.7	36.3	19.0	12.4	0.64	54.3	15.2	1.64	29.3	40	0.8	128	938	194	81
28-4-2024	56.8	25.5	11.8	12.4	0.57	54.4	15.3	1.64	29.6	42	0.9	119	939	190	57
29-4-2024	62.9	28.3	6.9	12.4	0.68	54.4	15.3	1.64	29.3	41	0.7	132	939	183	63
30-4-2024	69.5	31.3	10.3	12.4	0.63	54.4	15.2	1.64	29.4	44	0.9	149	938	177	70
Minimum	46.4	18.5	4.5	12.4	0.56	54.2	15.2	0.00	27.2	34	0.5	109	938	116	*
Maximum	83.8	37.7	22.2	12.4	0.93	54.6	15.4	1.65	29.6	59	1.0	172	942	199	*
Average	66.1	29.3	10.0	12.4	0.66	54.4	15.3	1.48	28.5	45	0.8	129	940	175	*

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 April-2024



INFERENCE:

The Air Quality monitored in all the 9 CAAQMs (Continuous Ambient Air Quality Monitoring Stations) installed in Bengaluru viz. Hebbal, Saneguruvanahalli, NIMHANS, Jayanagar, KAVIKA Mysore Road, Central Silk Board-HSR Layout, R.V College of Engineering, Kasturinagar RTO and Peenya Industrial Area for the month of April 2024 reveals that the Air quality is Good to Moderate. Even though in some places it has reached Moderate, the AQI values has not crossed 137 as depicted in the above graph. In other words, the AQI observed during the month April - 2024 are having more number of Satisfactory and Moderate days in over the number of days monitored.

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