



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

Air Quality Monitoring Cell

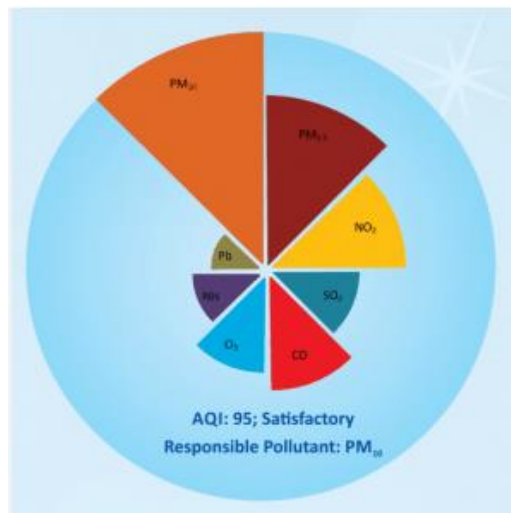
Air Quality Index of CAAQM Stations monitored in Bengaluru city-July-2024.

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 (up to 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 July-2024 is as shown below:

Daily AQI Values of Bengaluru (July-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	Kasturinagar RTO	NTTF, Peenya Industrial Area
01-7-2024	72	42	25	23	31	20	61	47	55	36	55
02-7-2024	77	45	24	33	38	25	79	43	63	36	55
03-7-2024	74	52	28	36	47	27	70	45	60	36	55
04-7-2024	88	47	26	31	34	26	101	36	58	37	55
05-7-2024	87	51	26	37	57	23	67	36	61	39	57
06-7-2024	88	53	32	29	38	25	90	37	72	47	54
07-7-2024	84	66	40	38	40	30	65	42	77	38	55
08-7-2024	81	62	33	34	35	23	62	42	71	38	54
09-7-2024	79	42	33	30	37	26	93	42	73	36	54
10-7-2024	90	61	38	29	50	28	96	47	77	37	54
11-7-2024	92	44	38	35	40	27	109	49	93	38	54
12-7-2024	89	33	34	27	34	24	63	46	67	38	54
13-7-2024	86	62	30	28	36	19	100	40	67	38	54
14-7-2024	92	51	31	27	34	20	68	38	64	37	55
15-7-2024	72	51	22	28	27	15	34	39	57	37	55
16-7-2024	81	55	19	42	32	16	67	40	60	35	54
17-7-2024	94	56	25	28	35	18	91	39	64	37	54
18-7-2024	88	64	21	29	30	15	50	38	52	37	55
19-7-2024	112	75	27	28	32	16	42	38	54	37	54
20-7-2024	115	78	49	37	40	27	107	44	90	37	55
21-7-2024	105	48	32	38	34	22	75	42	72	37	55
22-7-2024	104	42	32	30	34	19	89	38	66	36	55
23-7-2024	105	40	28	28	32	17	73	37	63	38	55
24-7-2024	91	57	28	27	30	18	53	43	61	40	37
25-7-2024	75	46	21	34	30	15	75	44	52	48	31
26-7-2024	76	40	27	32	37	17	103	33	58	47	39
27-7-2024	72	41	30	29	66	20	109	34	71	45	36
28-7-2024	84	59	37	30	32	22	98	39	74	46	42
29-7-2024	77	55	44	41	47	30	107	51	88	46	51
30-7-2024	87	55	24	27	32	16	55	45	58	47	34
31-7-2024	77	52	29	45	34	19	103	43	67	46	39
Min	72	33	19	23	27	15	34	33	52	35	31
Max	115	78	49	45	66	30	109	51	93	48	57

* 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-July 2024					
Date	PM₁₀ µg/m³	SO₂ µg/m³	NO₂ µg/m³	CO mg/m³	AQI
01-7-2024	72.1	14.6	20.9	1.40	72
02-7-2024	76.7	15.1	21.4	1.35	77
03-7-2024	74.0	14.3	21.4	1.34	74
04-7-2024	88.0	13.8	21.1	1.40	88
05-7-2024	86.6	13.6	21.4	1.72	87
06-7-2024	87.6	13.6	21.2	1.47	88
07-7-2024	79.2	13.6	21.1	1.68	84
08-7-2024	81.3	13.6	21.4	1.48	81
09-7-2024	79.1	13.6	25.8	1.26	79
10-7-2024	90.0	13.6	25.7	1.34	90
11-7-2024	91.7	13.6	22.1	1.38	92
12-7-2024	88.8	15.8	21.4	1.35	89
13-7-2024	86.1	16.6	21.2	1.33	86
14-7-2024	92.1	16.6	20.9	1.33	92
15-7-2024	65.0	14.9	20.4	1.43	72
16-7-2024	81.1	15.6	20.9	1.31	81
17-7-2024	93.9	14.3	20.9	1.31	94
18-7-2024	88.3	16.0	20.5	1.37	88
19-7-2024	118.5	14.2	19.6	1.36	112
20-7-2024	122.4	13.6	20.2	1.38	115
21-7-2024	108.1	13.6	20.0	1.35	105
22-7-2024	106.5	13.6	20.1	1.32	104
23-7-2024	107.2	13.9	20.6	1.36	105
24-7-2024	90.8	16.5	20.2	1.39	91
25-7-2024	75.4	16.6	20.2	1.32	75
26-7-2024	75.6	16.6	20.1	1.30	76
27-7-2024	71.7	16.6	19.9	1.29	72
28-7-2024	84.2	16.6	20.1	1.27	84
29-7-2024	76.7	16.6	20.6	1.29	77
30-7-2024	86.7	16.7	20.2	1.37	87
31-7-2024	77.1	12.8	19.9	1.42	77
Minimum	65.0	12.8	19.6	1.26	*
Maximum	122.4	16.7	25.8	1.72	*
Average	87.2	14.9	21.0	1.38	*

* Data Not available

Nisarga Bhavan, Saneguruvanahalli –July 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
01-7-2024	41.7	3.7	18.7	0.55	24.4	56	1.2	170	88	42
02-7-2024	44.6	3.7	18.0	0.54	24.6	61	1.2	98	50	45
03-7-2024	52.3	3.9	19.8	0.40	25.1	53	1.1	16	132	52
04-7-2024	47.0	4.5	22.0	0.51	26.7	59	1.0	63	87	47
05-7-2024	51.2	4.4	22.6	0.51	26.5	56	1.2	116	79	51
06-7-2024	53.1	4.5	22.4	0.45	27.2	56	1.2	133	44	53
07-7-2024	65.7	4.4	22.4	0.54	27.0	62	1.3	52	114	66
08-7-2024	62.3	4.3	20.7	0.67	25.5	69	1.0	46	77	62
09-7-2024	41.7	4.0	19.3	0.64	25.6	56	1.4	42	63	42
10-7-2024	61.0	4.0	20.5	0.85	25.2	53	1.3	49	83	61
11-7-2024	44.0	4.0	22.6	0.63	25.6	55	1.5	35	71	44
12-7-2024	33.0	4.0	20.4	0.47	25.3	61	1.3	77	108	33
13-7-2024	61.6	4.0	20.0	0.45	25.6	58	1.2	48	95	62
14-7-2024	51.4	4.0	20.0	0.56	23.8	60	1.3	41	82	51
15-7-2024	51.3	4.0	19.0	0.45	24.7	54	1.5	102	79	51
16-7-2024	54.6	3.9	19.3	0.57	24.8	53	1.1	57	64	55
17-7-2024	55.6	4.0	19.5	0.72	25.3	67	1.1	66	58	56
18-7-2024	63.8	3.9	18.9	0.65	24.8	74	1.1	173	70	64
19-7-2024	74.6	4.0	19.4	0.60	24.5	68	1.2	187	41	75
20-7-2024	78.4	3.9	18.7	0.81	25.5	64	1.2	272	50	78
21-7-2024	47.7	3.9	19.8	0.38	23.8	60	1.2	309	43	48
22-7-2024	41.7	4.0	21.7	0.30	23.4	57	1.2	237	52	42
23-7-2024	39.9	4.0	21.4	0.33	23.9	58	1.3	150	63	40
24-7-2024	57.2	4.0	19.4	0.41	25.4	76	1.2	113	55	57
25-7-2024	46.2	4.0	18.9	0.42	23.7	69	1.4	173	140	46
26-7-2024	40.1	4.0	19.3	0.48	24.5	75	1.6	236	62	40
27-7-2024	41.4	4.0	19.5	0.44	24.1	82	0.9	199	246	41
28-7-2024	59.2	4.0	19.0	0.49	24.7	78	1.3	124	183	59
29-7-2024	55.1	3.9	18.8	0.53	24.4	78	1.4	98	160	55
30-7-2024	55.1	4.0	18.1	0.48	23.5	75	1.4	71	74	55
31-7-2024	51.7	4.0	19.0	0.52	23.2	64	1.3	211	109	52
Maximum	33.0	3.7	18.0	0.30	23.2	53	0.9	16	41	*
Average	78.4	4.5	22.6	0.85	27.2	82	1.6	309	246	*
	52.4	4.0	20.0	0.53	24.9	63	1.2	122	88	*

Veterinary College, Hebbal - July 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
01-7-2024	23.7	4.8	19.7	5.4	0.35	11.1	4.5	0.00	23.7	57	0.7	129	709	25
02-7-2024	21.4	3.7	19.0	5.4	0.36	10.8	4.5	0.00	24.0	58	0.7	133	708	24
03-7-2024	28.1	7.1	17.9	4.7	0.23	13.9	4.5	0.01	24.7	59	0.6	170	711	28
04-7-2024	25.7	8.2	18.1	5.1	0.34	9.0	4.6	0.01	24.3	55	0.5	164	709	26
05-7-2024	26.2	7.0	17.8	5.2	0.31	8.4	4.5	0.00	24.3	54	0.7	124	707	26
06-7-2024	31.8	12.0	18.5	5.5	0.36	7.0	4.5	0.00	23.6	58	0.7	137	706	32
07-7-2024	39.7	19.3	18.5	5.0	0.38	8.3	4.6	0.00	23.9	49	0.6	166	706	40
08-7-2024	33.4	16.1	17.0	4.7	0.38	7.2	4.8	0.00	22.1	62	0.6	129	706	33
09-7-2024	33.0	18.3	17.8	4.4	0.38	8.8	4.8	0.00	22.7	58	0.6	128	707	33
10-7-2024	38.2	19.5	16.7	4.2	0.37	9.6	4.9	0.01	24.0	42	0.5	182	709	38
11-7-2024	38.4	20.0	18.2	4.1	0.38	12.5	5.0	0.01	24.8	39	0.5	183	708	38
12-7-2024	33.7	16.7	18.1	4.0	0.35	11.4	4.9	0.04	24.5	57	0.6	143	707	34
13-7-2024	29.8	12.5	18.5	4.1	0.34	10.5	4.9	0.05	24.1	68	0.6	137	707	30
14-7-2024	31.4	15.5	18.3	4.2	0.36	7.2	4.9	0.06	23.2	76	0.6	151	705	31
15-7-2024	21.5	11.5	17.3	4.2	0.39	7.6	4.8	0.06	21.8	95	0.6	128	705	22
16-7-2024	19.2	6.5	14.7	4.2	0.30	11.6	4.9	0.05	22.3	82	0.7	124	705	19
17-7-2024	25.2	9.8	16.9	3.9	0.18	10.9	4.8	0.03	26.4	63	0.7	149	706	25
18-7-2024	16.9	9.4	17.1	4.1	0.23	7.0	5.0	0.04	22.4	74	0.6	150	706	21
19-7-2024	23.4	16.1	16.8	4.0	0.26	6.9	4.9	0.05	22.8	74	0.6	155	705	27
20-7-2024	49.0	17.1	17.8	4.0	0.36	20.9	4.9	0.06	24.4	70	0.7	150	706	49
21-7-2024	31.6	12.4	17.8	4.4	0.31	14.0	5.0	0.05	23.4	57	0.7	148	707	32
22-7-2024	32.3	9.7	15.3	4.5	0.29	5.6	5.0	0.05	22.7	58	0.6	157	709	32
23-7-2024	27.7	11.8	10.7	4.8	0.31	4.2	5.0	0.05	23.4	75	0.6	150	709	28
24-7-2024	28.2	13.3	10.8	4.6	0.33	4.0	5.0	0.06	22.5	79	0.7	135	707	28
25-7-2024	21.1	10.8	10.4	4.4	0.32	4.2	5.0	0.06	22.3	83	0.6	144	706	21
26-7-2024	27.3	12.4	10.4	4.0	0.35	4.9	5.0	0.06	23.1	77	0.6	169	706	27
27-7-2024	29.9	13.0	8.0	4.1	0.34	5.1	4.9	0.05	23.6	71	0.6	161	707	30
28-7-2024	36.9	15.0	8.4	4.1	0.34	4.1	5.0	0.06	23.2	54	0.8	133	705	37
29-7-2024	44.4	17.9	8.3	4.1	0.34	5.2	4.9	0.06	24.2	51	0.8	130	704	44
30-7-2024	24.1	12.7	8.5	4.0	0.35	4.7	4.9	0.06	22.5	87	0.7	121	707	24
31-7-2024	28.8	14.1	8.3	4.0	0.35	6.8	4.9	0.08	22.6	77	0.6	134	709	29
Minimum	16.9	3.7	8.0	3.9	0.18	4.0	4.5	0.00	21.8	39	0.5	121	704	*
Maximum	49.0	20.0	19.7	5.5	0.39	20.9	5.0	0.08	26.4	95	0.8	183	711	*
Average	29.7	12.7	15.2	4.4	0.33	8.5	4.8	0.04	23.5	65	0.6	146	707	*

Shalini Ground, Jayanagar - July 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
01-7-2024	23.2	10.6	14.2	7.2	0.42	12.7	7.5	0.14	23.8	82	1.8	210	712	23
02-7-2024	33.1	13.1	10.3	6.9	0.42	12.7	7.6	0.09	24.2	76	1.9	213	711	33
03-7-2024	35.5	14.2	14.3	6.9	0.43	12.8	7.8	0.14	24.3	76	1.8	216	712	36
04-7-2024	30.8	15.5	13.0	6.7	0.43	12.8	7.7	0.13	24.3	72	1.8	216	712	31
05-7-2024	31.0	12.8	11.4	6.5	0.73	12.8	7.7	0.11	24.1	76	2.0	209	711	37
06-7-2024	29.1	10.9	13.3	6.3	0.36	12.8	7.7	0.13	23.9	75	2.2	212	710	29
07-7-2024	37.9	16.7	12.3	6.4	0.20	12.8	7.7	0.12	23.8	77	1.8	210	711	38
08-7-2024	26.5	15.5	13.1	6.6	0.68	12.9	7.6	0.13	23.2	83	1.7	210	710	34
09-7-2024	29.5	16.0	11.0	6.7	0.15	12.9	7.7	0.10	23.4	80	1.8	208	711	30
10-7-2024	29.3	16.6	11.4	7.4	0.41	16.3	8.0	0.11	24.0	78	1.4	215	713	29
11-7-2024	34.7	16.7	13.8	7.6	0.47	18.4	7.7	0.14	24.3	75	1.5	217	713	35
12-7-2024	27.3	15.7	11.5	7.7	0.18	22.5	7.4	0.11	24.0	79	1.7	212	711	27
13-7-2024	24.0	12.2	12.8	7.0	0.26	27.6	7.5	0.12	24.0	78	1.9	214	711	28
14-7-2024	21.9	13.0	12.7	6.8	0.13	27.4	7.4	0.12	23.5	82	2.0	217	709	27
15-7-2024	14.1	9.4	13.3	7.0	0.51	27.6	7.6	0.12	22.9	89	1.8	209	709	28
16-7-2024	17.3	9.8	9.7	6.7	0.84	27.5	7.5	0.09	23.3	83	2.1	208	709	42
17-7-2024	20.6	13.0	10.9	6.5	0.39	27.5	7.5	0.10	23.8	81	2.1	211	710	28
18-7-2024	15.3	9.0	15.1	6.7	0.58	27.6	7.6	0.15	23.2	85	2.1	213	711	29
19-7-2024	18.0	12.0	12.8	6.6	0.32	27.6	7.6	0.12	23.0	86	2.1	217	710	28
20-7-2024	34.3	16.3	15.3	6.3	0.74	27.5	7.6	0.15	23.6	79	2.2	217	710	37
21-7-2024	25.4	14.8	14.7	6.2	0.75	27.6	7.5	0.15	23.4	81	2.2	215	710	38
22-7-2024	27.4	14.1	11.6	6.0	0.60	27.4	7.7	0.11	23.7	76	2.2	218	712	30
23-7-2024	24.3	12.9	11.3	6.3	0.56	27.3	7.8	0.11	23.7	79	2.0	217	713	28
24-7-2024	20.0	11.0	8.8	6.4	0.50	27.3	7.8	0.07	23.2	84	1.9	215	711	27
25-7-2024	17.0	10.4	15.8	6.2	0.67	27.2	7.7	0.16	23.2	84	2.1	218	710	34
26-7-2024	21.7	12.3	12.4	6.2	0.63	27.1	7.7	0.12	23.6	81	2.0	219	710	32
27-7-2024	28.6	12.1	10.6	6.0	0.47	27.3	7.7	0.10	23.9	72	2.2	222	711	29
28-7-2024	29.9	13.3	11.1	5.6	0.14	27.4	7.7	0.10	23.6	75	2.2	214	709	30
29-7-2024	41.2	17.0	13.0	5.8	0.29	27.3	7.8	0.12	23.9	78	2.1	211	708	41
30-7-2024	18.2	12.5	12.2	5.9	0.46	27.4	7.8	0.12	23.2	85	2.1	211	712	27
31-7-2024	28.5	16.2	13.9	6.4	0.90	27.6	7.9	0.22	23.3	84	1.8	211	713	45
Minimum	14.1	9.0	8.8	5.6	0.13	12.7	7.4	0.07	22.9	72	1.4	208	708	*
Maximum	41.2	17.0	15.8	7.7	0.90	27.6	8.0	0.22	24.3	89	2.2	222	713	*
Average	26.3	13.4	12.5	6.6	0.47	22.4	7.7	0.12	23.7	80	1.9	214	711	*

KAVIKA, Mysore Road - July 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
01-7-2024	27.0	10.8	3.4	12.3	0.30	30.8	5.2	0.21	23.7	30	1.3	250	718	31
02-7-2024	37.9	15.4	3.6	12.2	0.32	31.3	5.2	0.22	24.7	28	1.5	263	716	38
03-7-2024	47.0	18.6	4.2	12.3	0.36	30.0	5.1	0.25	24.3	27	1.3	264	717	47
04-7-2024	34.0	14.2	5.7	12.2	0.50	31.7	5.3	0.35	25.0	23	1.5	269	718	34
05-7-2024	56.7	22.8	5.9	12.2	0.51	31.5	5.2	0.36	24.6	23	1.4	259	716	57
06-7-2024	38.3	15.3	5.4	12.3	0.47	32.2	5.2	0.33	24.1	23	1.5	266	716	38
07-7-2024	40.2	15.9	5.7	12.2	0.50	36.5	5.3	0.35	24.0	23	1.4	263	716	40
08-7-2024	31.5	12.5	5.7	12.2	0.50	35.4	5.2	0.35	22.5	42	1.2	261	715	35
09-7-2024	37.3	14.9	5.5	12.2	0.48	34.3	5.2	0.34	23.1	43	1.3	259	716	37
10-7-2024	49.8	19.9	6.2	12.2	0.54	35.3	5.2	0.38	24.5	43	1.2	257	719	50
11-7-2024	39.6	15.8	5.5	12.2	0.50	32.5	5.1	0.33	24.9	41	1.3	265	718	40
12-7-2024	34.3	13.8	6.2	12.2	0.54	31.8	5.1	0.37	24.2	45	1.3	261	716	34
13-7-2024	35.8	14.3	5.1	12.3	0.45	29.1	5.3	0.31	24.2	44	1.5	265	716	36
14-7-2024	34.0	13.7	5.2	12.2	0.46	27.6	5.2	0.32	23.2	46	1.5	267	714	34
15-7-2024	18.0	7.2	6.0	12.2	0.53	27.1	5.2	0.37	21.8	48	1.4	262	713	27
16-7-2024	31.6	12.6	4.4	12.3	0.39	29.3	5.2	0.27	22.7	46	1.5	262	714	32
17-7-2024	34.8	13.9	5.1	12.3	0.45	27.7	5.1	0.31	23.7	46	1.6	266	715	35
18-7-2024	18.3	7.5	5.2	12.3	0.46	30.0	5.1	0.32	22.6	46	1.6	268	715	30
19-7-2024	20.8	8.3	5.6	12.2	0.49	31.6	5.2	0.34	22.1	45	1.6	267	714	32
20-7-2024	40.2	16.1	4.9	12.2	0.42	32.4	5.2	0.30	23.4	43	1.8	268	718	40
21-7-2024	29.8	11.8	4.8	12.4	0.42	33.8	5.1	0.29	22.8	44	1.6	266	721	34
22-7-2024	30.5	12.3	5.1	12.4	0.45	34.0	5.2	0.32	23.6	42	1.7	269	723	34
23-7-2024	28.0	11.2	5.5	12.3	0.48	31.9	5.2	0.34	23.5	44	1.6	266	727	32
24-7-2024	24.2	9.9	5.5	12.2	0.49	30.3	5.2	0.34	22.4	47	1.5	265	729	30
25-7-2024	20.3	8.2	5.0	12.3	0.44	30.0	5.2	0.30	22.4	47	1.6	270	727	30
26-7-2024	36.8	15.0	5.3	12.2	0.46	28.9	5.3	0.32	23.3	47	1.6	273	727	37
27-7-2024	66.3	26.5	5.1	12.2	0.45	27.6	5.2	0.31	24.1	41	1.9	277	729	66
28-7-2024	29.8	12.0	5.1	12.3	0.45	32.0	5.2	0.31	23.3	42	1.8	266	728	32
29-7-2024	46.5	18.5	5.6	12.3	0.49	31.9	5.2	0.34	24.3	44	1.6	264	725	47
30-7-2024	27.6	11.1	6.0	12.3	0.53	31.6	5.2	0.37	22.6	47	1.5	262	730	32
31-7-2024	34.1	13.6	5.1	12.3	0.45	31.6	5.2	0.31	22.7	46	1.2	259	731	34
Minimum	18.0	7.2	3.4	12.2	0.30	27.1	5.1	0.21	21.8	23	1.2	250	713	*
Maximum	66.3	26.5	6.2	12.4	0.54	36.5	5.3	0.38	25.0	48	1.9	277	731	*
Average	34.9	14.0	5.3	12.3	0.46	31.3	5.2	0.32	23.5	40	1.5	265	720	*

NIMHANS - July 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
01-7-2024	19.5	7.8	3.1	9.4	0.32	10.5	3.9	0.07	23.7	71	1.3	256	711	20
02-7-2024	25.3	10.2	3.7	9.3	0.30	10.1	3.8	0.06	24.6	66	1.6	261	710	25
03-7-2024	27.1	11.0	2.9	10.4	0.32	9.8	3.8	0.07	24.3	68	1.4	260	711	27
04-7-2024	25.8	10.3	2.6	10.3	0.32	13.4	3.8	0.06	24.6	63	1.6	264	711	26
05-7-2024	23.2	9.3	2.9	11.0	0.33	9.9	3.9	0.06	24.4	67	1.5	256	710	23
06-7-2024	25.4	10.2	2.5	10.0	0.33	13.8	3.8	0.06	23.9	66	1.7	261	709	25
07-7-2024	29.5	11.8	2.6	10.1	0.33	16.1	3.9	0.05	23.7	70	1.4	258	710	30
08-7-2024	23.4	9.5	2.5	10.3	0.30	17.0	4.0	0.06	22.5	75	1.3	255	709	23
09-7-2024	25.8	10.4	2.9	10.8	0.32	15.7	3.9	0.07	22.9	72	1.3	255	710	26
10-7-2024	28.2	11.3	3.0	12.7	0.38	14.2	4.5	0.07	24.1	71	1.2	259	712	28
11-7-2024	26.9	10.8	1.9	12.4	0.34	14.0	4.0	0.08	24.8	67	1.4	265	712	27
12-7-2024	24.4	9.8	2.7	10.9	0.33	12.2	4.3	0.07	24.2	73	1.4	259	710	24
13-7-2024	19.3	7.8	4.9	9.4	0.31	10.1	3.7	0.06	24.1	72	1.8	263	710	19
14-7-2024	20.3	8.2	3.7	7.9	0.29	11.0	3.9	0.06	23.0	80	1.8	266	708	20
15-7-2024	13.0	5.3	3.2	8.8	0.30	8.8	3.5	0.06	21.8	90	1.4	257	708	15
16-7-2024	14.7	5.9	3.4	8.8	0.32	13.7	3.3	0.05	22.5	88	1.6	257	708	16
17-7-2024	17.5	7.1	3.3	8.2	0.28	10.6	3.4	0.05	23.6	84	1.8	262	709	18
18-7-2024	10.8	4.3	3.2	8.3	0.30	11.4	3.4	0.05	22.4	84	1.8	263	709	15
19-7-2024	12.7	5.2	3.3	8.2	0.32	11.5	3.2	0.05	21.9	89	1.9	267	708	16
20-7-2024	27.0	10.8	2.8	8.2	0.30	12.0	3.1	0.05	23.2	77	2.1	265	709	27
21-7-2024	22.3	9.0	2.5	7.7	0.29	12.0	3.3	0.05	22.9	76	1.9	265	709	22
22-7-2024	18.5	7.5	2.7	8.3	0.31	13.5	3.3	0.05	23.5	86	2.1	268	711	19
23-7-2024	16.6	6.7	2.5	8.8	0.30	9.7	3.3	0.05	23.3	89	1.8	265	712	17
24-7-2024	14.0	5.7	2.6	7.6	0.35	11.6	3.5	0.05	22.3	93	1.6	262	710	18
25-7-2024	10.6	4.1	2.8	7.0	0.30	12.4	3.4	0.05	22.3	90	2.0	268	709	15
26-7-2024	15.0	6.0	2.8	7.7	0.33	9.8	3.3	0.06	23.1	83	2.0	272	709	17
27-7-2024	19.6	7.8	2.3	7.1	0.26	9.8	3.0	0.05	23.7	74	2.5	275	710	20
28-7-2024	22.1	9.0	2.9	6.7	0.27	13.1	3.3	0.05	23.2	77	1.9	261	708	22
29-7-2024	30.3	12.1	2.4	8.2	0.30	12.6	3.4	0.05	24.1	82	1.7	259	707	30
30-7-2024	12.9	5.1	2.7	7.9	0.32	15.6	3.6	0.06	22.5	93	1.7	258	711	16
31-7-2024	19.1	7.7	4.0	8.8	0.34	14.9	3.4	0.25	22.7	92	0.7	258	712	19
Minimum	10.6	4.1	1.9	6.7	0.26	8.8	3.0	0.05	21.8	63	0.7	255	707	*
Maximum	30.3	12.1	4.9	12.7	0.38	17.0	4.5	0.25	24.8	93	2.5	275	712	*
Average	20.7	8.3	2.9	9.1	0.31	12.3	3.6	0.06	23.3	78	1.7	262	710	*

H.S.R Layout, Near Central Silkboard - July 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
01-7-2024	61.3	10.1	9.0	15.6	0.49	9.5	3.5	0.89	23.4	98	1.5	224	711	61
02-7-2024	78.5	10.5	10.2	16.1	0.47	10.5	3.5	0.99	24.2	98	1.6	231	710	79
03-7-2024	69.9	12.8	8.8	15.9	0.41	10.3	3.6	0.86	23.8	98	1.5	231	710	70
04-7-2024	101.4	15.5	8.2	21.2	0.48	11.1	3.8	0.80	24.0	89	1.6	239	711	101
05-7-2024	67.2	11.0	11.1	15.4	0.42	12.0	3.3	1.08	24.0	59	1.6	222	710	67
06-7-2024	89.8	13.0	7.9	16.6	0.45	15.7	3.4	0.76	23.4	58	1.6	222	709	90
07-7-2024	64.9	13.1	8.0	14.2	0.43	17.1	3.3	0.78	23.2	59	1.5	221	709	65
08-7-2024	61.6	13.5	10.0	15.0	0.52	15.6	3.3	0.97	22.0	58	1.3	220	709	62
09-7-2024	92.7	14.0	6.6	16.2	0.42	16.5	3.4	0.64	22.3	58	1.3	216	710	93
10-7-2024	95.8	21.2	8.7	17.2	0.53	18.1	3.3	0.84	23.8	57	1.2	227	712	96
11-7-2024	113.8	18.2	7.6	19.0	0.49	14.9	3.5	0.74	24.2	56	1.3	232	712	109
12-7-2024	63.0	14.8	10.0	17.5	0.46	14.9	3.4	0.97	23.7	60	1.4	221	710	63
13-7-2024	100.4	12.9	12.0	14.6	0.44	18.0	3.3	1.17	23.4	59	1.6	227	710	100
14-7-2024	67.8	7.6	8.0	12.6	0.45	17.1	3.2	0.78	22.4	63	1.6	233	708	68
15-7-2024	34.3	6.7	10.2	15.2	0.46	15.3	3.4	1.00	21.1	66	1.3	220	707	34
16-7-2024	66.8	7.0	8.2	13.6	0.39	16.0	3.4	0.80	21.8	63	1.5	220	707	67
17-7-2024	90.5	6.8	5.8	13.1	0.41	14.3	3.3	0.56	23.0	63	1.6	225	709	91
18-7-2024	50.3	6.3	6.8	16.4	0.43	13.3	3.5	0.66	21.8	62	1.7	229	709	50
19-7-2024	41.7	7.1	8.4	17.1	0.50	13.2	3.5	0.82	21.2	65	1.7	235	708	42
20-7-2024	110.2	10.5	7.9	14.4	0.44	13.0	3.3	0.77	22.5	59	1.7	233	708	107
21-7-2024	75.3	8.8	7.9	12.8	0.40	11.1	3.2	0.77	22.2	57	1.7	230	709	75
22-7-2024	88.7	10.5	8.9	15.1	0.46	11.7	3.4	0.86	22.8	55	1.8	234	711	89
23-7-2024	72.5	8.0	9.4	18.2	0.45	11.0	3.6	0.91	22.7	57	1.5	230	712	73
24-7-2024	52.5	7.2	9.6	19.4	0.45	10.6	3.7	0.94	21.7	59	1.5	229	710	53
25-7-2024	75.3	7.0	9.8	17.8	0.53	10.2	3.6	0.96	21.9	59	1.7	238	708	75
26-7-2024	104.0	9.0	8.4	18.7	0.49	9.3	3.6	0.82	22.6	58	1.7	241	708	103
27-7-2024	113.5	8.6	7.8	16.8	0.42	11.7	3.6	0.76	23.2	72	2.1	249	709	109
28-7-2024	97.5	9.5	7.8	11.7	0.38	7.7	3.2	0.76	22.6	74	1.8	229	708	98
29-7-2024	110.2	15.0	8.8	16.4	0.51	6.6	3.4	0.86	23.4	77	1.6	219	707	107
30-7-2024	55.1	6.8	9.0	16.7	0.51	11.6	3.6	0.88	22.0	79	1.5	220	710	55
31-7-2024	104.3	17.2	9.1	19.5	0.51	15.0	3.7	0.89	22.2	77	1.3	219	712	103
Minimum	34.3	6.3	5.8	11.7	0.38	6.6	3.2	0.56	21.1	55	1.2	216	707	*
Maximum	113.8	21.2	12.0	21.2	0.53	18.1	3.8	1.17	24.2	98	2.1	249	712	*
Average	79.7	11.0	8.7	16.1	0.46	13.0	3.4	0.85	22.8	67	1.6	228	709	*

R.V.College of Engineering, Kengeri - July 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
01-7-2024	44.4	32.8	7.3	13.5	0.80	39.0	8.1	0.80	22.7	87	1.5	186	930	80	55
02-7-2024	63.1	33.0	6.4	13.5	1.09	38.9	7.2	0.84	25.0	76	1.8	206	930	162	63
03-7-2024	57.2	36.0	6.6	13.5	0.86	38.9	7.4	0.84	24.8	79	1.9	212	930	192	60
04-7-2024	54.9	34.6	6.5	13.5	0.98	39.0	7.3	0.84	25.1	71	1.9	207	930	144	58
05-7-2024	58.2	36.8	6.2	13.5	0.74	38.9	6.9	0.84	24.9	78	1.7	206	930	182	61
06-7-2024	71.8	32.1	5.9	13.5	0.85	39.0	6.6	0.84	24.7	74	1.8	204	930	145	72
07-7-2024	77.2	38.6	6.0	13.5	0.85	38.9	6.7	0.84	24.5	76	1.7	198	930	133	77
08-7-2024	71.4	40.9	6.6	13.5	0.88	38.9	7.4	0.84	23.3	87	1.5	190	930	104	71
09-7-2024	73.0	38.0	6.5	13.5	0.77	38.9	7.3	0.84	24.1	79	1.7	200	930	146	73
10-7-2024	77.4	29.6	6.1	13.5	0.70	38.9	6.9	0.85	26.5	67	2.0	219	930	512	77
11-7-2024	92.6	50.0	5.8	13.5	0.67	39.0	6.5	0.84	24.6	76	1.6	188	930	67	93
12-7-2024	66.5	35.3	5.5	13.5	0.74	39.0	6.1	0.84	24.4	86	1.8	203	930	195	67
13-7-2024	67.2	30.4	6.0	13.5	0.80	39.0	6.7	0.84	24.8	77	1.9	207	930	166	67
14-7-2024	64.4	33.8	6.4	13.5	0.81	39.0	7.2	0.84	23.8	86	1.6	198	930	99	64
15-7-2024	56.5	31.0	6.6	13.6	0.80	38.9	7.4	0.84	23.2	91	1.5	198	930	74	57
16-7-2024	60.0	29.9	6.5	13.5	0.70	39.0	7.3	0.84	23.9	84	1.6	208	930	109	60
17-7-2024	64.2	29.8	6.1	13.5	0.72	38.9	6.8	0.84	24.5	81	1.7	215	930	147	64
18-7-2024	52.4	28.0	6.3	13.5	0.68	39.0	7.1	0.84	23.4	87	1.7	212	930	114	52
19-7-2024	52.3	32.4	7.0	13.4	0.67	38.9	8.3	0.84	23.1	86	1.7	208	930	51	54
20-7-2024	90.3	32.6	6.5	13.5	0.80	38.9	7.3	0.84	23.3	83	1.9	214	930	52	90
21-7-2024	72.3	30.4	6.4	13.5	0.72	39.0	7.2	0.84	23.8	82	1.9	215	930	112	72
22-7-2024	66.0	28.0	6.1	13.5	0.77	38.9	6.8	0.84	24.4	75	1.8	210	930	147	66
23-7-2024	63.0	32.5	6.3	13.5	0.81	38.9	7.1	0.84	24.2	81	1.8	209	930	128	63
24-7-2024	60.9	30.9	6.8	13.5	0.78	40.3	7.6	0.84	23.4	87	1.7	210	930	121	61
25-7-2024	51.5	26.8	8.1	16.3	0.71	42.0	9.1	0.84	23.7	84	1.8	214	930	114	52
26-7-2024	57.7	27.7	8.3	17.5	0.72	41.9	9.2	0.84	24.2	81	2.0	221	930	110	58
27-7-2024	70.9	28.8	8.2	17.5	0.97	41.9	9.2	0.84	24.7	66	2.0	223	930	156	71
28-7-2024	74.0	32.3	8.2	17.5	0.79	41.9	9.2	0.84	24.1	76	1.7	211	930	85	74
29-7-2024	87.5	42.1	8.7	17.5	0.63	41.9	9.7	0.84	24.8	78	1.7	211	930	156	88
30-7-2024	57.5	32.8	8.5	17.5	0.62	42.0	9.5	0.84	23.6	87	1.6	212	930	119	58
31-7-2024	66.9	37.1	8.2	17.5	0.68	42.0	9.1	0.84	23.8	86	1.8	209	930	120	67
Minimum	44.4	26.8	5.5	13.4	0.62	38.9	6.1	0.80	22.7	66	1.5	186	930	51	*
Maximum	92.6	50.0	8.7	17.5	1.09	42.0	9.7	0.85	26.5	91	2.0	223	930	512	*
Average	65.9	33.4	6.8	14.4	0.78	39.7	7.6	0.84	24.2	80	1.8	207	930	137	*

Jigani Industrial Area, Anekal - July 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
01-7-2024	41.6	27.9	8.2	25.8	0.61	17.5	12.3	0.25	23.2	38	1.7	160	984	228	47
02-7-2024	42.6	25.9	8.7	26.2	0.56	17.2	13.5	0.47	24.0	53	2.1	179	979	138	43
03-7-2024	28.7	19.7	9.9	27.3	0.89	18.2	15.9	0.80	22.0	49	2.2	145	985	239	45
04-7-2024	31.3	20.0	9.9	27.2	0.72	21.1	15.8	0.48	23.7	50	2.2	165	981	94	36
05-7-2024	29.7	19.1	9.1	28.4	0.72	16.9	17.3	0.33	23.9	33	2.4	176	982	117	36
06-7-2024	31.4	18.5	12.0	29.4	0.69	17.1	18.7	0.58	23.5	50	2.8	159	985	98	37
07-7-2024	42.1	23.7	12.5	29.3	0.59	23.8	18.7	0.34	23.3	29	2.9	160	986	110	42
08-7-2024	42.4	24.3	12.5	29.4	0.64	24.7	18.6	0.20	22.2	51	2.7	180	982	83	42
09-7-2024	40.9	25.1	9.5	26.7	0.68	24.8	17.1	0.25	22.1	44	2.3	173	984	86	42
10-7-2024	44.8	28.0	9.5	26.1	0.76	21.2	18.1	0.57	24.4	49	2.5	153	981	142	47
11-7-2024	49.4	27.5	9.6	26.1	0.75	24.3	18.2	1.02	24.4	48	2.6	180	986	101	49
12-7-2024	45.5	26.1	9.1	26.0	0.75	24.7	18.1	0.32	24.0	45	2.6	171	985	117	46
13-7-2024	37.3	24.1	9.1	26.1	0.67	25.2	18.1	0.37	23.4	47	2.8	150	982	91	40
14-7-2024	33.7	22.6	9.2	25.8	0.58	21.2	18.3	0.14	22.1	53	2.2	164	982	82	38
15-7-2024	33.8	23.1	9.9	26.2	0.77	24.5	18.1	0.14	21.7	37	2.8	194	981	90	39
16-7-2024	35.3	23.5	9.7	26.3	0.79	21.2	18.1	2.53	22.3	45	2.7	163	983	82	40
17-7-2024	37.4	23.2	11.0	24.8	0.72	23.9	13.4	3.16	22.9	52	3.2	160	983	107	39
18-7-2024	31.8	22.6	11.1	27.2	0.68	22.0	15.3	3.14	22.6	45	2.7	184	987	107	38
19-7-2024	32.1	22.6	10.8	28.2	0.66	24.7	16.1	3.15	21.5	50	3.1	185	976	68	38
20-7-2024	43.8	24.3	9.4	28.3	0.71	22.5	16.1	1.59	22.8	51	3.3	153	979	76	44
21-7-2024	36.8	25.1	9.1	28.3	0.56	23.7	16.1	0.21	22.7	57	2.7	178	984	60	42
22-7-2024	37.7	22.4	11.3	28.1	0.68	24.7	16.2	0.46	22.1	53	2.7	160	984	63	38
23-7-2024	37.4	22.0	12.0	28.1	0.72	24.7	16.1	0.23	22.7	44	3.6	177	984	83	37
24-7-2024	33.6	25.9	11.6	25.8	0.71	24.1	11.1	0.18	22.6	43	3.4	182	984	76	43
25-7-2024	29.5	19.8	9.5	26.8	0.88	22.6	16.5	0.52	22.4	48	3.0	153	979	72	44
26-7-2024	25.7	16.5	8.8	26.3	0.64	21.4	17.1	0.54	22.3	43	3.6	179	982	60	33
27-7-2024	29.7	14.8	8.4	26.4	0.68	18.3	16.3	0.51	23.2	38	3.0	186	983	85	34
28-7-2024	36.3	18.3	8.4	26.3	0.78	18.3	16.3	0.19	22.1	52	2.3	159	979	58	39
29-7-2024	51.3	23.8	9.2	26.9	0.67	22.3	17.5	0.18	21.9	42	3.1	177	982	64	51
30-7-2024	29.3	27.2	11.4	24.7	0.77	23.9	16.1	0.18	22.0	42	3.9	172	993	69	45
31-7-2024	32.3	25.6	10.6	23.9	0.75	24.4	10.8	0.21	22.7	42	3.3	155	982	94	43
Minimum	25.7	14.8	8.2	23.9	0.56	16.9	10.8	0.14	21.5	29	1.7	145	976	58	*
Maximum	51.3	28.0	12.5	29.4	0.89	25.2	18.7	3.16	24.4	57	3.9	194	993	239	*
Average	36.6	23.0	10.0	26.9	0.70	22.1	16.3	0.75	22.8	46	2.8	169	983	98	*

RTO Office, Kasturinagar – July 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
01-7-2024	36.3	16.9	7.8	13.3	0.50	34.6	14.3	0.97	23.8	82	2.3	330	916	141	36
02-7-2024	35.9	16.5	7.8	13.2	0.50	34.5	14.3	0.96	24.9	73	2.3	333	911	202	36
03-7-2024	36.2	16.7	7.8	13.3	0.50	34.6	14.3	0.97	24.0	80	2.2	332	915	207	36
04-7-2024	37.3	17.2	7.8	13.2	0.50	34.5	14.3	0.98	24.5	72	2.0	331	915	186	37
05-7-2024	38.9	18.0	7.8	13.3	0.50	34.6	14.3	0.97	24.3	78	2.4	335	916	221	39
06-7-2024	46.7	21.7	6.9	13.2	0.51	34.5	14.4	0.97	23.9	74	2.4	330	914	167	47
07-7-2024	37.6	17.4	7.8	13.2	0.51	34.6	14.3	0.98	23.9	75	1.8	117	914	191	38
08-7-2024	38.4	17.8	8.4	13.2	0.50	34.6	14.3	0.98	22.2	86	1.9	83	914	146	38
09-7-2024	35.9	16.5	8.3	13.3	0.50	34.7	14.3	0.97	23.3	79	1.9	69	909	165	36
10-7-2024	37.1	17.1	8.2	13.2	0.50	34.6	14.3	0.97	24.9	74	1.6	78	910	265	37
11-7-2024	37.6	17.4	8.2	13.2	0.50	34.6	14.3	0.98	25.3	69	1.7	77	912	261	38
12-7-2024	37.8	17.5	8.1	13.3	0.50	34.7	14.4	0.97	24.5	80	1.9	56	914	258	38
13-7-2024	37.7	17.4	8.0	13.3	0.50	34.7	14.3	0.97	24.5	75	2.1	74	918	203	38
14-7-2024	36.7	17.0	8.1	13.3	0.50	34.7	14.3	0.98	23.1	81	2.1	73	918	112	37
15-7-2024	37.0	17.1	8.2	13.3	0.50	34.8	14.3	0.98	22.1	89	2.1	47	912	96	37
16-7-2024	35.2	16.2	8.0	13.3	0.51	34.7	14.3	0.97	23.1	83	2.2	52	917	133	35
17-7-2024	37.4	17.3	8.0	13.4	0.51	34.8	14.3	0.97	23.9	79	2.2	58	920	156	37
18-7-2024	36.7	16.9	8.0	13.3	0.50	34.6	14.3	0.97	22.7	83	2.3	65	918	159	37
19-7-2024	36.6	16.9	8.1	13.2	0.50	34.6	14.3	0.97	22.2	86	2.2	67	919	129	37
20-7-2024	36.9	17.0	8.1	13.2	0.51	34.5	14.4	0.97	23.6	77	2.2	68	920	159	37
21-7-2024	36.9	17.0	8.0	13.3	0.50	34.7	14.4	0.97	23.1	81	2.1	74	919	130	37
22-7-2024	36.3	16.7	8.0	13.3	0.50	34.6	14.3	0.97	23.7	74	2.1	87	919	155	36
23-7-2024	37.8	17.5	8.0	13.3	0.50	34.6	14.3	0.97	23.5	79	2.1	70	920	140	38
24-7-2024	40.1	17.8	11.4	18.8	0.50	37.8	14.3	0.97	22.6	84	2.1	59	920	130	40
25-7-2024	47.8	24.7	15.9	17.0	0.49	33.1	14.3	0.97	23.0	81	2.3	69	920	155	48
26-7-2024	46.6	25.9	16.0	13.3	0.50	29.5	14.3	0.97	23.2	83	2.1	77	916	132	47
27-7-2024	45.4	25.3	16.0	13.2	0.50	29.2	14.3	0.98	24.1	67	2.5	76	917	217	45
28-7-2024	46.0	25.5	15.9	13.3	0.50	28.2	14.3	0.97	23.5	76	2.3	48	917	157	46
29-7-2024	45.9	25.5	16.1	13.3	0.50	27.7	14.4	0.98	24.5	76	2.2	46	916	195	46
30-7-2024	46.7	25.9	16.2	13.3	0.51	27.7	14.3	0.98	22.6	85	2.2	44	918	139	47
31-7-2024	46.2	25.6	16.3	13.3	0.50	27.5	14.4	0.97	22.8	86	2.0	52	918	147	46
Minimum	35.2	16.2	6.9	13.2	0.49	27.5	14.3	0.96	22.1	67	1.6	44	909	96	*
Maximum	47.8	25.9	16.3	18.8	0.51	37.8	14.4	0.98	25.3	89	2.5	335	920	265	*
Average	39.5	19.2	9.9	13.6	0.50	33.5	14.3	0.97	23.6	79	2.1	119	916	169	*

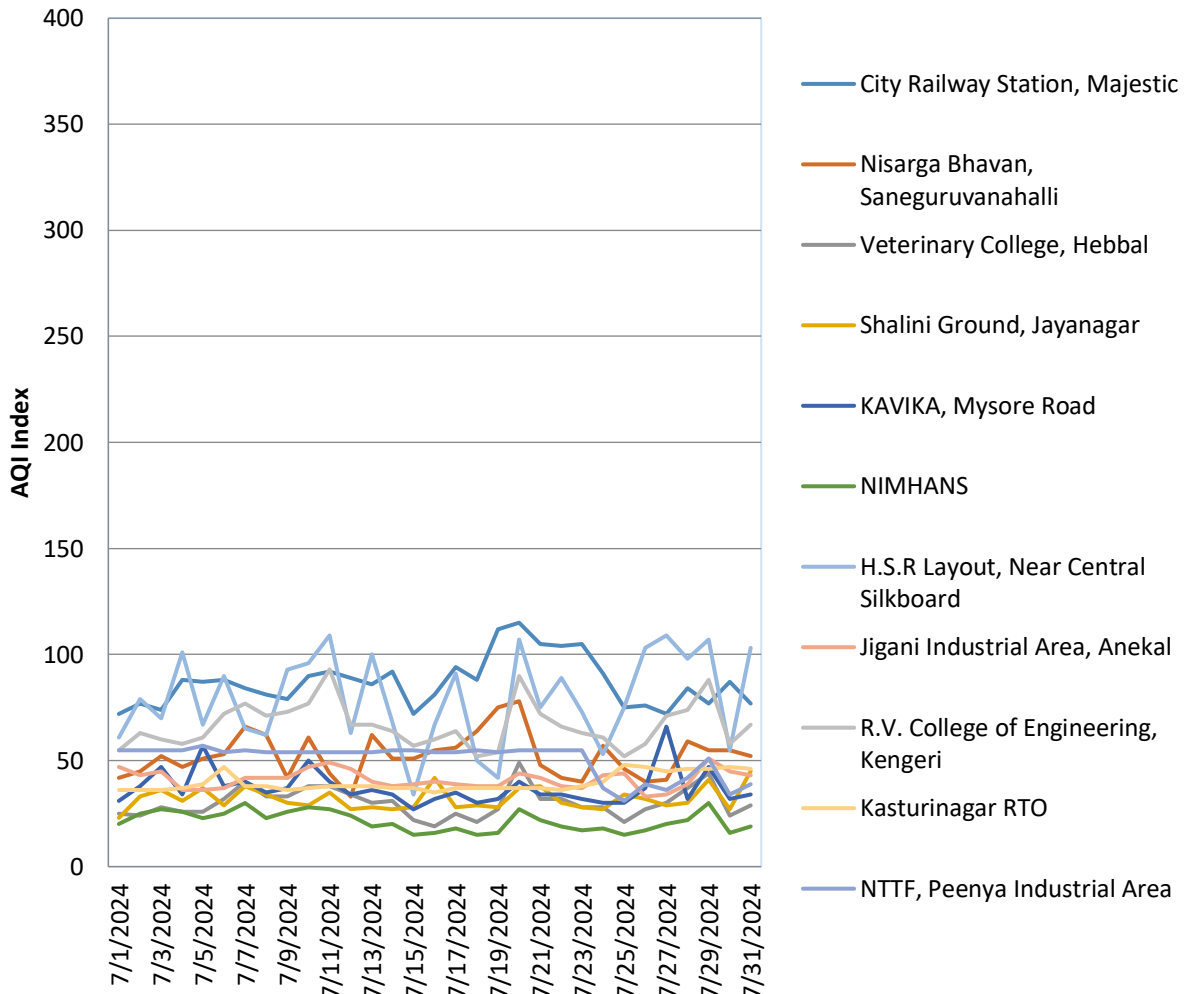
NTTF, Peenya Industrial Area-July 2024

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
01-7-2024	42.0	23.9	2.7	12.4	0.43	54.7	15.3	1.65	24.0	79	0.6	158	937	158	55
02-7-2024	47.4	27.0	2.7	12.4	0.37	54.5	15.3	1.64	24.7	74	0.6	155	937	222	55
03-7-2024	43.6	24.8	2.5	12.4	0.49	54.4	15.3	1.64	24.0	77	1.2	169	937	209	55
04-7-2024	41.2	23.5	3.6	12.4	0.44	54.6	15.3	1.65	24.6	63	0.5	171	937	179	55
05-7-2024	56.5	32.2	3.0	12.4	0.52	54.4	15.3	1.64	24.6	68	0.6	153	935	172	57
06-7-2024	44.2	25.2	2.7	12.4	0.45	54.4	15.2	1.64	24.2	65	0.6	161	935	139	54
07-7-2024	47.2	26.9	2.0	12.4	0.34	54.5	15.2	1.64	24.1	70	0.5	170	935	139	55
08-7-2024	41.0	23.4	2.5	12.4	0.35	54.4	15.3	1.64	22.8	86	0.6	151	935	90	54
09-7-2024	44.4	25.3	3.3	12.3	0.50	54.2	15.3	1.64	23.7	74	0.5	154	936	120	54
10-7-2024	40.3	23.0	3.3	12.4	0.51	54.4	15.3	1.64	24.3	75	0.4	170	937	219	54
11-7-2024	44.3	25.2	2.8	12.4	0.51	54.4	15.3	1.64	24.8	84	0.4	175	936	197	54
12-7-2024	37.9	21.6	2.7	12.4	0.50	54.3	15.2	1.64	24.4	90	0.5	160	935	203	54
13-7-2024	38.5	22.0	3.1	12.4	0.46	54.4	15.3	1.64	24.5	60	0.6	159	935	163	54
14-7-2024	28.6	16.3	3.3	12.4	0.41	54.4	15.3	1.64	23.6	82	0.5	163	934	93	55
15-7-2024	23.8	13.6	1.2	12.4	0.51	54.5	15.3	1.64	22.8	76	0.6	152	934	61	55
16-7-2024	35.6	20.3	3.0	12.4	0.51	54.2	15.3	1.64	23.5	67	0.6	151	934	93	54
17-7-2024	36.6	20.8	3.1	12.4	0.42	54.3	15.3	1.64	24.1	59	0.6	155	935	120	54
18-7-2024	33.0	18.8	3.7	12.4	0.41	54.4	15.3	1.64	23.2	66	0.6	158	935	102	55
19-7-2024	28.1	16.0	3.0	12.4	0.35	54.2	15.3	1.64	22.9	76	0.5	158	934	85	54
20-7-2024	46.5	26.5	3.3	12.4	0.38	54.5	15.3	1.63	23.8	80	0.6	157	935	116	55
21-7-2024	32.8	18.7	3.2	12.4	0.40	54.4	15.3	1.64	23.5	80	0.6	158	935	92	55
22-7-2024	32.8	18.7	3.3	12.4	0.40	54.4	15.2	1.64	23.9	67	0.5	161	937	114	55
23-7-2024	28.7	16.4	3.4	12.4	0.46	54.4	15.3	1.64	23.8	74	0.6	158	937	116	55
24-7-2024	35.0	19.9	2.6	12.4	0.35	37.4	15.3	1.04	23.3	81	0.6	155	935	108	37
25-7-2024	23.4	13.3	2.8	12.4	0.48	30.5	15.3	0.75	23.2	82	0.5	157	935	97	31
26-7-2024	38.6	22.0	3.1	12.4	0.47	31.9	15.3	0.71	23.5	85	0.4	169	935	99	39
27-7-2024	36.4	20.8	3.8	12.4	0.37	31.9	15.3	0.71	24.0	69	0.4	181	935	138	36
28-7-2024	41.7	23.8	3.0	12.4	0.34	31.9	15.3	0.71	23.7	79	0.6	153	934	80	42
29-7-2024	51.3	29.3	3.3	12.4	0.40	31.9	15.3	0.71	24.5	62	0.6	152	934	135	51
30-7-2024	33.5	19.1	3.1	12.4	0.43	31.9	15.3	0.71	23.2	74	0.6	154	936	81	34
31-7-2024	39.2	22.3	2.5	12.4	0.42	31.9	15.3	0.71	23.4	74	0.5	160	937	90	39
Minimum	23.4	13.3	1.2	12.3	0.34	30.5	15.2	0.71	22.8	59	0.4	151	934	61	*
Maximum	56.5	32.2	3.8	12.4	0.52	54.7	15.3	1.65	24.8	90	1.2	181	937	222	*
Average	38.5	22.0	2.9	12.4	0.43	48.7	15.3	1.41	23.8	74	0.6	160	935	130	*

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 July-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 July-2024 reveals that the Air quality is Good and Satisfactory. Even though in some places it has reached Moderate, the AQI values has not crossed 115 as depicted in the above graph. In other words, the AQI observed during the month July - 2024 are having more number of Good and Satisfactory days in over the number of days monitored.

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