



KARNATAKA STATE POLLUTION CONTROL BOARD

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

Air Quality Monitoring Cell

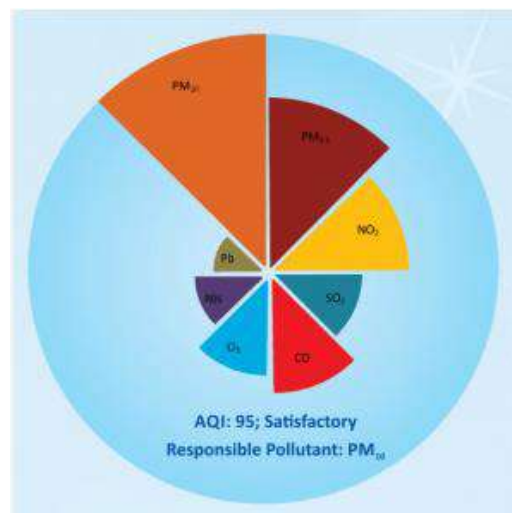
Air Quality Index of CAAQM Stations monitored in Bengaluru city-July-2023.

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 July-2023 is as shown below:

Daily AQI Values of Bengaluru (July-2023)

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
01-07-2023	68	43	34	46	40	30	88	48	61	45	56
02-07-2023	90	46	30	41	34	26	74	39	39	44	34
03-07-2023	66	51	21	24	24	19	70	33	40	29	27
04-07-2023	112	40	20	17	18	20	76	32	30	34	33
05-07-2023	92	44	23	24	24	20	96	34	37	31	37
06-07-2023	92	45	19	21	34	20	74	31	23	28	33
07-07-2023	64	56	21	23	28	22	65	35	49	30	26
08-07-2023	56	57	19	22	22	21	73	31	51	30	33
09-07-2023	46	40	23	30	22	20	77	33	51	54	42
10-07-2023	60	59	23	30	31	23	64	51	49	42	43
11-07-2023	51	42	31	37	36	27	92	51	68	51	37
12-07-2023	61	32	32	42	36	30	108	44	76	42	39
13-07-2023	54	59	19	25	23	21	83	35	33	30	40
14-07-2023	59	50	22	29	29	21	112	38	57	51	30
15-07-2023	99	49	24	33	34	21	109	44	68	35	36
16-07-2023	70	53	28	36	28	26	91	39	78	52	45
17-07-2023	74	53	36	52	44	32	100	49	74	58	61
18-07-2023	71	61	37	46	37	26	109	43	76	58	47
19-07-2023	68	72	36	48	30	30	104	42	67	48	51
20-07-2023	73	75	47	63	46	43	122	47	85	80	68
21-07-2023	68	46	49	59	43	38	121	50	67	56	53
22-07-2023	61	40	29	33	31	*	74	38	30	19	22
23-07-2023	53	38	18	18	21	*	44	28	24	17	17
24-07-2023	50	55	19	*	17	*	34	30	20	18	16
25-07-2023	55	45	19	*	16	*	49	23	22	19	18
26-07-2023	48	39	21	*	14	*	42	32	28	20	20
27-07-2023	59	40	21	*	23	*	107	37	50	36	26
28-07-2023	54	57	24	*	48	*	123	41	54	35	34
29-07-2023	54	53	30	*	40	23	114	46	47	49	48
30-07-2023	50	53	29	*	38	23	111	45	53	45	50
31-07-2023	52	50	28	38	35	29	114	51	103	40	47
Min	46	32	18	17	14	19	34	23	20	17	16
Max	112	75	49	63	48	43	123	51	103	80	68

* 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 2023					
Date	PM ₁₀ µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	AQI
01-07-2023	68.4	18.5	25.5	0.89	68
02-07-2023	60.8	18.6	25.6	1.80	90
03-07-2023	65.6	18.5	25.5	1.26	66
04-07-2023	46.4	19.7	23.4	2.98	112
05-07-2023	55.1	23.6	16.5	1.83	92
06-07-2023	69.8	23.7	16.4	1.83	92
07-07-2023	58.4	21.2	21.0	1.27	64
08-07-2023	45.2	18.4	25.6	1.11	56
09-07-2023	42.5	18.6	25.6	0.92	46
10-07-2023	46.1	18.5	25.6	1.19	60
11-07-2023	51.0	18.5	25.6	0.86	51
12-07-2023	60.8	18.6	25.6	0.88	61
13-07-2023	54.1	18.6	25.5	0.94	54
14-07-2023	58.7	18.5	25.5	1.00	59
15-07-2023	59.3	18.6	25.6	1.98	99
16-07-2023	69.5	18.6	25.6	0.98	70
17-07-2023	74.0	18.6	34.1	1.15	74
18-07-2023	71.3	18.5	37.6	0.88	71
19-07-2023	67.7	18.4	37.0	0.89	68
20-07-2023	72.5	18.5	39.0	0.89	73
21-07-2023	67.9	18.5	40.6	0.82	68
22-07-2023	61.2	18.5	39.1	0.92	61
23-07-2023	52.7	18.5	40.8	0.92	53
24-07-2023	49.5	18.4	35.7	0.96	50
25-07-2023	55.0	18.5	35.1	0.89	55
26-07-2023	48.4	18.5	33.5	0.94	48
27-07-2023	58.6	18.4	34.3	0.93	59
28-07-2023	54.0	18.5	36.3	0.87	54
29-07-2023	54.3	18.4	38.0	0.88	54
30-07-2023	49.7	18.6	41.8	0.85	50
31-07-2023	52.0	18.6	40.1	0.88	52
Minimum	42.5	18.4	16.4	0.82	*
Maximum	74.0	23.7	41.8	2.98	*
Average	58.1	19.0	30.6	1.14	*

Nisarga Bhavan, Saneguruvanahalli-July 2023

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
01-07-2023	43.0	3.81	19.3	0.56	26.0	55	1.20	205.41	104.4	43
02-07-2023	45.9	3.79	18.6	0.56	26.2	60	1.2	118.5	59.5	46
03-07-2023	51.4	3.80	19.3	0.40	25.3	51	1.1	17.8	155.1	51
04-07-2023	40.2	3.82	18.8	0.43	26.1	57	0.9	63.6	165.0	40
05-07-2023	43.8	3.78	19.3	0.44	25.4	55	1.0	116.6	333.0	44
06-07-2023	45.3	3.81	19.2	0.39	26.0	54	1.0	133.0	584.1	45
07-07-2023	56.1	3.80	19.1	0.46	25.5	61	1.1	51.7	671.2	56
08-07-2023	56.5	3.82	18.5	0.60	25.6	68	0.9	47.8	202.3	57
09-07-2023	40.1	3.81	18.6	0.61	25.8	55	1.4	47.6	80.1	40
10-07-2023	58.6	3.80	19.7	0.81	25.5	52	1.3	55.7	177.7	59
11-07-2023	42.3	3.83	21.8	0.60	25.4	53	1.5	39.3	78.5	42
12-07-2023	31.8	3.80	19.6	0.45	25.1	60	1.2	87.4	294.0	32
13-07-2023	59.2	3.83	19.2	0.43	25.3	57	1.1	54.0	250.8	59
14-07-2023	49.5	3.81	19.2	0.54	25.2	59	1.3	46.6	203.0	50
15-07-2023	49.3	3.82	18.3	0.44	24.5	52	1.4	115.5	151.0	49
16-07-2023	52.5	3.79	18.6	0.55	24.6	51	1.1	64.5	70.2	53
17-07-2023	53.4	3.80	18.8	0.69	25.1	66	1.1	74.8	63.9	53
18-07-2023	61.3	3.79	18.2	0.62	24.6	73	1.1	195.1	87.5	61
19-07-2023	71.8	3.80	18.6	0.58	24.3	67	1.2	211.2	45.4	72
20-07-2023	75.4	3.78	18.0	0.77	25.2	63	1.1	306.6	54.9	75
21-07-2023	45.8	3.78	19.0	0.37	23.6	59	1.2	348.9	510.9	46
22-07-2023	40.1	3.81	20.9	0.29	23.2	56	1.2	267.5	99.4	40
23-07-2023	38.4	3.80	20.6	0.32	23.6	56	1.2	169.4	80.3	38
24-07-2023	55.0	3.81	18.7	0.40	25.2	75	1.2	127.0	628.0	55
25-07-2023	44.5	3.80	18.2	0.41	23.5	68	1.4	194.6	669.6	45
26-07-2023	38.5	3.80	18.6	0.46	24.2	74	1.6	266.6	47.8	39
27-07-2023	39.8	3.80	18.7	0.42	23.9	82	0.9	224.2	455.4	40
28-07-2023	56.9	3.80	18.3	0.47	24.5	77	1.3	140.1	262.3	57
29-07-2023	53.0	3.79	18.1	0.51	24.2	77	1.4	111.0	51.1	53
30-07-2023	53.0	3.81	17.4	0.47	23.3	74	1.4	79.8	81.5	53
31-07-2023	49.7	3.81	18.3	0.50	23.0	63	1.3	238.1	120.6	50
Minimum	31.8	3.78	17.4	0.29	23.0	51	0.9	17.8	45.4	*
Maximum	75.4	3.83	21.8	0.81	26.2	82	1.6	348.9	671.2	*
Average	49.7	3.80	18.9	0.50	24.8	62	1.2	136.1	220.6	*

Veterinary College, Hebbal-July 2023

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
01-07-2023	33.6	8.8	13.8	12.5	0.31	20.9	12.1	0.03	24.4	76	0.8	144	708	34
02-07-2023	30.2	11.9	12.4	14.9	0.34	16.3	12.5	0.04	23.9	78	0.8	146	708	30
03-07-2023	21.1	9.2	14.2	12.8	0.34	17.0	13.0	0.04	23.7	79	0.9	166	707	21
04-07-2023	20.0	8.7	13.7	12.1	0.35	18.0	13.0	0.04	22.6	79	1.0	183	705	20
05-07-2023	19.8	7.6	13.9	12.4	0.36	22.6	12.7	0.03	22.6	75	1.1	182	704	23
06-07-2023	19.0	8.3	13.3	12.3	0.37	17.2	12.4	0.03	22.4	80	1.1	180	707	19
07-07-2023	20.9	9.0	14.6	13.8	0.35	16.6	12.5	0.04	22.2	84	0.8	166	709	21
08-07-2023	16.7	5.4	13.7	12.4	0.37	17.3	12.3	0.03	22.4	78	0.8	169	710	19
09-07-2023	23.5	8.8	13.2	13.3	0.27	16.9	12.0	0.03	24.5	74	0.6	136	709	23
10-07-2023	22.5	9.7	13.5	14.7	0.39	13.5	12.1	0.04	22.7	88	0.5	128	709	23
11-07-2023	31.0	12.8	13.9	13.9	0.27	13.7	12.7	0.06	22.7	82	0.7	141	709	31
12-07-2023	32.3	11.5	12.6	14.0	0.33	13.5	13.0	0.07	23.2	178	0.7	139	708	32
13-07-2023	18.7	8.2	14.1	13.0	0.35	17.3	12.7	0.03	22.9	269	0.4	160	708	19
14-07-2023	21.6	9.0	14.8	12.7	0.36	14.2	12.9	0.04	22.7	82	0.3	152	710	22
15-07-2023	24.3	9.5	15.6	13.6	0.37	16.9	12.7	0.02	23.9	61	0.5	209	710	24
16-07-2023	28.1	8.5	14.4	12.0	0.32	13.7	12.8	0.03	24.0	75	0.8	150	708	28
17-07-2023	36.2	13.5	13.9	12.5	0.36	18.8	12.9	0.03	23.7	74	0.9	167	708	36
18-07-2023	37.2	9.2	17.0	12.0	0.36	16.4	12.5	0.03	24.1	70	1.2	181	707	37
19-07-2023	36.4	10.2	16.9	12.5	0.39	14.9	12.1	0.03	23.1	74	1.1	180	705	36
20-07-2023	47.3	11.3	16.1	11.9	0.38	15.3	12.3	0.03	23.6	70	1.3	186	706	47
21-07-2023	49.1	13.8	15.5	11.8	0.37	15.6	12.3	0.03	23.7	72	1.4	187	706	49
22-07-2023	28.8	7.6	13.2	12.4	0.35	14.8	12.4	0.03	22.8	76	1.1	167	707	29
23-07-2023	15.4	6.4	12.7	12.3	0.35	12.2	12.4	0.03	22.3	82	1.0	164	707	18
24-07-2023	12.1	4.0	13.8	11.1	0.37	11.3	10.7	0.00	21.0	90	0.9	173	707	19
25-07-2023	10.3	5.8	15.5	12.3	0.36	10.5	12.9	0.00	21.1	87	0.8	167	707	19
26-07-2023	11.1	4.3	16.4	12.0	0.38	10.6	13.0	0.01	20.8	88	0.8	167	708	21
27-07-2023	21.4	6.2	20.6	11.8	0.34	11.2	12.9	0.03	21.9	80	0.9	176	709	21
28-07-2023	24.4	8.1	16.4	12.4	0.35	12.7	12.7	0.03	22.7	77	0.9	157	710	24
29-07-2023	29.6	7.2	11.7	12.1	0.34	12.4	12.7	0.03	22.6	77	0.9	157	709	30
30-07-2023	29.4	8.6	8.5	12.2	0.36	12.8	12.7	0.03	23.9	73	0.9	154	708	29
31-07-2023	28.0	8.4	9.7	12.0	0.36	13.2	12.0	0.01	23.8	73	1.0	132	708	28
Minimum	10.3	4.0	8.5	11.1	0.27	10.5	10.7	0.00	20.8	61	0.3	128	704	*
Maximum	49.1	13.8	20.6	14.9	0.39	22.6	13.0	0.07	24.5	269	1.4	209	710	*
Average	25.8	8.7	14.2	12.6	0.35	15.1	12.5	0.03	23.0	87	0.9	163	708	*

Shalini Ground, Jayanagar-July 2023

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
01-07-2023	45.8	18.3	3.4	4.3	0.14	16.1	2.8	0.08	25.8	67	1.5	226	708	46
02-07-2023	41.2	16.5	3.4	2.9	0.18	16.9	2.6	0.10	24.3	75	1.3	227	707	41
03-07-2023	24.1	11.7	3.1	4.0	0.18	16.9	2.6	0.10	24.1	77	1.4	222	706	24
04-07-2023	16.3	10.4	3.4	5.5	0.14	17.1	2.4	0.08	22.7	79	1.8	216	704	17
05-07-2023	24.8	13.1	2.8	7.3	0.17	16.8	2.7	0.10	22.8	76	1.8	218	703	24
06-07-2023	20.5	11.8	3.7	5.1	0.16	16.5	2.4	0.09	22.7	79	1.8	218	706	21
07-07-2023	22.8	14.3	3.6	3.1	0.15	17.1	2.4	0.08	22.9	81	1.5	216	708	23
08-07-2023	20.7	13.0	3.7	2.9	0.18	16.9	2.3	0.10	22.4	82	1.4	219	709	22
09-07-2023	29.5	13.7	3.3	2.4	0.15	17.4	2.4	0.09	24.1	75	1.3	224	708	30
10-07-2023	30.1	16.9	7.0	6.9	0.65	16.9	2.5	0.44	23.6	81	1.0	224	707	30
11-07-2023	36.8	16.9	5.4	7.2	0.39	16.8	1.6	0.11	22.9	80	1.1	225	707	37
12-07-2023	42.0	18.1	5.5	7.2	0.29	16.1	1.6	0.08	24.2	74	1.3	222	707	42
13-07-2023	25.0	13.6	3.9	6.4	0.32	15.9	1.3	0.09	23.4	78	1.4	220	707	25
14-07-2023	29.0	15.0	7.3	6.0	0.31	15.7	1.4	0.09	23.8	74	1.4	223	708	29
15-07-2023	32.5	15.8	7.1	7.3	0.38	15.3	1.8	0.11	24.3	74	1.4	228	708	33
16-07-2023	36.2	15.2	5.2	7.0	0.19	15.6	1.7	0.05	24.2	74	1.4	222	708	36
17-07-2023	51.9	18.8	3.8	6.8	0.24	15.5	1.7	0.07	24.2	72	1.6	221	707	52
18-07-2023	46.2	15.0	4.5	5.0	0.30	15.4	1.2	0.09	24.3	70	2.0	221	706	46
19-07-2023	47.5	15.3	5.8	4.9	0.25	15.6	1.7	0.07	23.6	72	1.9	222	705	48
20-07-2023	63.1	18.5	3.4	4.8	0.24	15.6	1.7	0.07	24.2	68	2.0	225	705	63
21-07-2023	59.1	16.5	6.1	4.3	0.25	15.7	1.7	0.06	23.9	71	2.1	226	706	59
22-07-2023	33.3	13.1	1.2	5.1	0.29	15.6	2.1	0.08	23.2	75	1.9	221	707	33
23-07-2023	17.8	8.1	2.4	6.8	0.17	15.3	3.0	0.05	21.7	84	1.6	219	707	18
24-07-2023	-	-	-	-	-	-	-	-	-	-	-	-	-	*
25-07-2023	-	-	-	-	-	-	-	-	-	-	-	-	-	*
26-07-2023	-	-	-	-	-	-	-	-	-	-	-	-	-	*
27-07-2023	-	-	-	-	-	-	-	-	-	-	-	-	-	*
28-07-2023	-	-	-	-	-	-	-	-	-	-	-	-	-	*
29-07-2023	-	-	-	-	-	-	-	-	-	-	-	-	-	*
30-07-2023	-	-	-	-	-	-	-	-	-	-	-	-	-	*
31-07-2023	37.7	9.6	10.5	11.3	1.39	10.1	2.6	0.39	24.4	69	1.7	92	735	38
Minimum	16.3	8.1	1.2	2.4	0.14	10.1	1.2	0.05	21.7	67	1.0	92	7.3	*
Maximum	63.1	18.8	10.5	11.3	1.39	17.4	3.0	0.44	25.8	84	2.1	228	735	*
Average	34.7	14.5	4.6	5.6	0.30	15.9	2.1	0.11	23.6	75	1.6	216	708	*

KAVIKA, Mysore Road-July 2023

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
01-07-2023	39.5	17.8	6.0	5.6	0.49	11.4	2.09	0.07	26.4	55	1.5	269	718	40
02-07-2023	33.6	16.3	6.1	5.7	0.50	11.4	2.09	0.07	25.2	56	1.3	265	717	34
03-07-2023	23.6	10.0	5.5	5.7	0.53	11.5	2.08	0.07	24.6	48	1.4	265	716	24
04-07-2023	17.5	6.8	6.4	5.7	0.38	11.5	2.10	0.05	23.2	45	1.6	265	714	18
05-07-2023	23.7	11.3	5.3	5.7	0.50	11.9	2.07	0.05	23.4	40	1.8	268	713	24
06-07-2023	33.8	17.3	6.8	5.7	0.25	11.3	2.09	0.03	23.4	29	1.8	267	715	34
07-07-2023	27.4	11.0	5.4	5.7	0.60	11.4	2.08	0.08	23.4	34	1.4	264	717	28
08-07-2023	22.4	7.3	5.6	5.6	0.34	11.5	2.09	0.05	23.1	32	1.3	261	719	22
09-07-2023	21.8	8.3	7.0	5.6	0.30	11.6	2.09	0.04	24.8	28	1.3	267	718	22
10-07-2023	30.7	13.4	6.3	5.7	0.68	11.3	2.07	0.10	24.2	42	1.1	260	718	31
11-07-2023	35.8	12.7	6.7	5.7	0.52	11.6	2.08	0.07	23.5	45	1.1	259	717	36
12-07-2023	35.8	12.5	5.8	5.7	0.55	11.5	2.07	0.08	24.8	36	1.2	261	717	36
13-07-2023	23.2	8.3	5.9	5.7	0.66	11.6	2.09	0.09	23.8	35	1.2	257	717	23
14-07-2023	28.5	11.8	6.2	5.6	0.49	11.7	2.09	0.07	24.4	30	1.3	264	719	29
15-07-2023	34.0	17.7	6.5	5.7	0.45	11.4	2.08	0.07	25.1	22	1.4	268	718	34
16-07-2023	28.2	9.1	5.4	5.7	0.37	11.5	2.09	0.06	24.8	16	1.2	260	717	28
17-07-2023	44.0	22.8	6.5	5.7	0.48	11.5	2.09	0.07	24.8	17	1.5	266	717	44
18-07-2023	37.3	14.2	6.0	5.7	0.49	11.7	2.09	0.07	24.9	17	2.0	268	716	37
19-07-2023	30.1	11.1	4.9	5.7	0.42	12.0	2.10	0.05	23.7	17	1.9	269	714	30
20-07-2023	45.5	17.3	5.3	5.7	0.43	11.8	2.08	0.07	24.9	17	2.1	269	714	46
21-07-2023	42.9	13.6	5.8	5.7	0.18	11.4	2.08	0.02	24.8	18	2.2	270	715	43
22-07-2023	30.9	12.3	5.3	5.7	0.55	11.1	2.09	0.07	24.0	19	1.9	268	717	31
23-07-2023	20.5	9.3	5.3	5.6	0.41	11.1	2.10	0.06	23.3	21	1.6	269	717	21
24-07-2023	17.4	7.0	5.3	5.6	0.47	11.4	2.11	0.07	22.2	25	1.5	264	716	17
25-07-2023	16.2	5.5	5.7	5.7	0.52	11.4	2.09	0.07	22.3	24	1.4	272	717	16
26-07-2023	14.4	4.6	7.0	5.7	0.44	11.7	2.08	0.06	22.0	34	1.4	266	718	14
27-07-2023	22.8	6.3	6.1	5.6	0.44	11.6	2.09	0.06	23.1	25	1.6	272	714	23
28-07-2023	47.5	22.8	5.7	5.7	0.62	11.3	2.09	0.09	24.1	17	1.5	271	716	48
29-07-2023	39.5	11.5	5.4	5.6	0.35	11.5	2.10	0.03	24.2	19	1.5	281	708	40
30-07-2023	37.5	10.0	5.9	5.6	0.41	11.1	2.10	0.05	25.2	23	1.6	279	718	38
31-07-2023	35.0	9.3	5.7	5.7	0.39	11.0	2.06	0.05	25.4	26	1.7	272	717	35
Minimum	14.4	4.6	4.9	5.6	0.18	11.0	2.06	0.02	22.0	16	1.1	257	708	*
Maximum	47.5	22.8	7.0	5.7	0.68	12.0	2.11	0.10	26.4	56	2.2	281	719	*
Average	30.3	11.9	5.9	5.7	0.46	11.5	2.09	0.06	24.1	29	1.5	267	716	*

NIMHANS-July 2023

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
01-07-2023	30.1	12.0	3.1	15.6	0.23	11.6	1.3	0.07	25.4	68	2.5	277	712	30
02-07-2023	25.8	10.7	3.2	16.0	0.08	10.6	1.4	0.03	24.1	76	2.2	271	712	26
03-07-2023	15.3	6.6	2.9	15.2	0.30	11.0	1.3	0.05	23.4	79	2.4	270	710	19
04-07-2023	10.0	3.9	3.0	15.7	0.23	12.2	1.4	0.07	22.5	81	2.4	265	709	20
05-07-2023	15.0	6.0	3.1	15.7	0.20	14.6	1.4	0.06	22.6	76	2.7	269	708	20
06-07-2023	13.5	5.4	5.1	16.1	0.19	11.7	1.4	0.07	22.6	79	2.6	268	710	20
07-07-2023	16.8	6.8	3.4	17.4	0.27	10.1	1.4	0.09	22.7	81	2.1	266	712	22
08-07-2023	12.5	5.0	3.8	17.0	0.26	10.4	1.3	0.08	22.2	82	2.1	266	713	21
09-07-2023	18.2	7.3	3.3	16.2	0.24	10.0	1.3	0.08	23.6	76	2.0	272	712	20
10-07-2023	22.2	8.9	3.8	18.6	0.34	9.0	1.3	0.12	23.2	82	1.6	268	712	23
11-07-2023	27.4	11.0	3.3	17.7	0.28	9.5	1.3	0.11	22.6	81	1.9	275	711	27
12-07-2023	30.4	12.1	3.3	16.7	0.24	9.7	1.4	0.10	24.0	74	2.1	271	711	30
13-07-2023	16.1	6.4	3.3	16.9	0.23	11.3	1.4	0.07	23.2	79	1.9	269	711	21
14-07-2023	17.9	7.1	3.6	16.7	0.25	10.7	1.4	0.08	23.6	74	2.2	273	712	21
15-07-2023	20.8	8.5	3.3	15.8	0.21	10.6	1.4	0.08	24.2	74	2.3	277	712	21
16-07-2023	25.5	10.3	3.9	14.3	0.21	10.5	1.5	0.07	24.2	74	2.0	272	712	26
17-07-2023	31.5	12.7	3.6	15.6	0.22	9.6	1.5	0.07	24.0	72	2.4	271	711	32
18-07-2023	26.4	10.9	3.5	13.8	0.21	10.0	1.5	0.06	22.9	74	2.9	269	710	26
19-07-2023	30.0	12.0	3.3	15.9	0.19	9.1	1.4	0.06	23.4	76	3.0	272	709	30
20-07-2023	43.2	17.3	3.2	15.9	0.20	9.1	1.4	0.06	24.0	72	3.4	273	709	43
21-07-2023	38.0	15.1	3.0	14.8	0.17	9.7	1.4	0.04	22.6	76	3.5	277	709	38
22-07-2023	-	-	-	-	-	-	-	-	-	-	-	-	-	*
23-07-2023	-	-	-	-	-	-	-	-	-	-	-	-	-	*
24-07-2023	-	-	-	-	-	-	-	-	-	-	-	-	-	*
25-07-2023	-	-	-	-	-	-	-	-	-	-	-	-	-	*
26-07-2023	-	-	-	-	-	-	-	-	-	-	-	-	-	*
27-07-2023	-	-	-	-	-	-	-	-	-	-	-	-	-	*
28-07-2023	-	-	-	-	-	-	-	-	-	-	-	-	-	*
29-07-2023	22.6	10.4	3.5	16.5	0.20	9.9	1.3	0.09	24.5	69	2.7	286	712	23
30-07-2023	23.4	9.8	4.2	20.1	0.13	7.1	1.6	0.18	24.2	71	2.7	283	712	23
31-07-2023	29.0	11.8	3.5	20.8	0.12	7.1	1.7	0.07	24.3	72	2.9	277	711	29
Minimum	10.0	3.9	2.9	13.8	0.08	7.1	1.3	0.03	22.2	68	1.6	265	708	*
Maximum	43.2	17.3	5.1	20.8	0.34	14.6	1.7	0.18	25.4	82	3.5	286	713	*
Average	23.4	9.5	3.5	16.5	0.22	10.2	1.4	0.08	23.5	76	2.4	272	711	*

H.S.R Layout, Near Central Silkboard-July 2023

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
01-07-2023	87.6	19.8	5.3	33.1	0.47	12.2	44.0	0.12	25.9	64	1.9	244	687	88
02-07-2023	74.1	17.8	5.4	33.0	0.29	11.8	43.0	0.07	24.4	72	1.7	245	687	74
03-07-2023	69.7	15.1	5.4	36.1	0.57	11.5	39.8	0.14	24.1	74	1.8	241	686	70
04-07-2023	76.4	12.7	5.5	32.6	0.97	13.0	33.1	0.25	22.5	77	1.8	229	685	76
05-07-2023	95.7	14.9	5.3	32.3	0.86	13.4	35.5	0.20	22.6	73	2.0	234	684	96
06-07-2023	73.7	15.5	5.5	30.3	0.97	13.1	30.5	0.37	22.6	76	1.9	231	685	74
07-07-2023	64.5	13.0	5.1	26.8	1.55	11.9	32.5	0.55	22.7	78	1.7	226	687	65
08-07-2023	73.1	12.8	8.3	31.5	1.11	11.5	33.8	0.73	22.4	79	1.5	231	688	73
09-07-2023	77.3	13.7	3.4	30.2	1.27	11.2	25.3	0.38	24.2	73	1.6	238	687	77
10-07-2023	63.8	18.9	1.4	19.4	1.36	14.2	32.6	0.15	23.5	78	1.3	242	687	64
11-07-2023	92.0	19.5	12.7	19.4	1.38	6.5	16.1	1.20	22.5	78	1.5	245	696	92
12-07-2023	112.6	20.0	1.8	20.4	1.46	13.0	21.5	0.11	24.1	72	1.5	239	686	108
13-07-2023	82.7	16.2	4.3	20.5	1.47	17.9	21.8	0.26	23.4	74	1.6	232	687	83
14-07-2023	118.0	17.3	6.1	20.5	1.39	15.9	21.9	0.37	23.6	72	1.7	238	687	112
15-07-2023	113.5	19.6	6.1	20.5	1.54	16.2	23.5	0.37	24.7	71	1.7	244	687	109
16-07-2023	90.8	14.9	6.1	19.4	1.39	16.5	23.0	0.37	24.9	71	1.6	237	687	91
17-07-2023	100.0	18.1	6.8	19.4	1.46	15.6	24.3	0.42	23.9	69	1.8	237	687	100
18-07-2023	114.1	16.7	6.1	18.3	1.38	16.9	23.4	0.37	24.0	67	2.2	236	686	109
19-07-2023	105.5	16.9	6.5	18.5	1.39	15.5	22.1	0.39	23.6	70	2.2	236	685	104
20-07-2023	132.7	19.7	5.6	18.3	1.47	15.5	22.1	0.35	23.9	66	2.4	243	685	122
21-07-2023	130.9	18.1	7.8	18.1	1.39	16.4	22.4	0.47	23.8	69	2.5	244	686	121
22-07-2023	74.3	15.3	6.7	18.3	1.37	15.7	20.8	0.41	22.8	74	2.1	237	687	74
23-07-2023	43.6	11.4	6.0	18.4	1.45	12.2	21.5	0.36	22.2	80	1.9	243	687	44
24-07-2023	34.0	10.6	6.5	19.2	1.39	10.7	20.2	0.40	21.5	84	1.8	238	686	34
25-07-2023	48.5	12.0	7.6	19.9	1.47	10.5	19.0	0.46	22.2	83	1.8	248	687	49
26-07-2023	42.1	11.4	7.1	20.1	1.45	9.8	18.3	0.44	22.2	84	1.7	243	687	42
27-07-2023	110.6	14.8	8.2	19.7	1.44	11.0	17.7	0.50	23.5	75	1.9	246	687	107
28-07-2023	133.9	17.6	3.7	20.4	1.53	12.8	20.0	0.23	25.3	73	1.8	248	687	123
29-07-2023	121.3	17.4	5.0	19.9	1.44	13.9	19.1	0.30	25.3	72	2.0	259	687	114
30-07-2023	115.9	17.0	5.8	19.7	1.38	15.2	20.4	0.35	26.2	68	2.0	255	687	111
31-07-2023	121.6	18.0	5.1	20.0	1.36	14.6	20.9	0.31	26.4	69	2.0	246	687	114
Minimum	34.0	10.6	1.4	18.1	0.29	6.5	16.1	0.07	21.5	64	1.3	226	684	*
Maximum	133.9	20.0	12.7	36.1	1.55	17.9	44.0	1.20	26.4	84	2.5	259	696	*
Average	90.1	16.0	5.9	23.0	1.27	13.4	25.5	0.37	23.7	74	1.8	241	687	*

R.V.Engineering College, Kengeri-July 2023

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
01-07-2023	61.0	32.9	11.1	6.0	0.67	23.4	9.4	0.88	0.0	0.0	0	0.0	0	0	61
02-07-2023	38.7	20.9	6.0	6.2	0.62	21.9	9.3	0.89	0.0	0.0	0	0.0	0	0	39
03-07-2023	39.5	21.3	5.7	6.2	0.79	22.5	9.4	0.88	0.0	0.0	0	0.0	0	0	40
04-07-2023	30.1	16.2	5.9	6.1	0.53	22.2	9.4	0.90	0.0	0.0	0	0.0	0	0	30
05-07-2023	37.1	20.0	5.6	6.2	0.54	21.5	9.3	0.90	0.0	0.0	0	0.0	0	0	37
06-07-2023	23.2	12.5	5.9	6.2	0.60	22.0	9.4	0.88	0.0	0.0	0	0.0	0	0	23
07-07-2023	49.2	26.6	5.7	6.3	0.68	21.2	9.3	0.88	0.0	0.0	0	0.0	0	0	49
08-07-2023	50.9	27.5	5.4	6.2	0.66	22.4	9.4	0.88	0.0	0.0	0	0.0	0	0	51
09-07-2023	51.2	27.6	5.8	6.2	0.59	22.0	9.4	0.89	0.0	0.0	0	0.0	0	0	51
10-07-2023	48.8	26.4	6.3	6.2	0.69	21.1	9.3	0.89	0.0	0.0	0	0.0	0	0	49
11-07-2023	67.7	36.5	6.1	6.1	0.59	21.6	9.3	0.90	0.0	0.0	0	0.0	0	0	68
12-07-2023	76.4	41.3	5.6	6.1	0.56	21.4	9.4	0.90	0.0	0.0	0	0.0	0	0	76
13-07-2023	33.1	17.9	5.4	10.2	0.68	21.5	15.1	0.18	0.0	0.0	0	0.0	0	0	33
14-07-2023	57.4	31.0	5.6	10.0	0.68	22.5	9.3	0.16	0.0	0.0	0	0.0	0	0	57
15-07-2023	67.7	36.6	5.8	6.0	0.61	20.8	9.4	0.36	0.0	0.0	0	0.0	0	0	68
16-07-2023	77.7	42.0	6.2	10.0	0.78	22.7	9.4	0.35	0.0	0.0	0	0.0	0	0	78
17-07-2023	73.5	39.7	5.6	6.1	0.70	21.5	9.3	0.34	0.0	0.0	0	0.0	0	0	74
18-07-2023	75.8	40.9	6.1	10.0	0.64	21.8	15.0	0.21	0.0	0.0	0	0.0	0	0	76
19-07-2023	67.1	36.3	5.4	6.1	0.66	21.2	9.4	0.24	0.0	0.0	0	0.0	0	0	67
20-07-2023	85.2	46.0	5.8	6.2	0.56	21.3	9.3	0.04	0.0	0.0	0	0.0	0	0	85
21-07-2023	66.9	36.1	6.2	10.0	0.70	22.3	15.0	0.05	0.0	0.0	0	0.0	0	0	67
22-07-2023	30.0	16.2	6.0	6.1	0.64	21.5	9.4	0.16	0.0	0.0	0	0.0	0	0	30
23-07-2023	23.8	12.9	5.9	10.0	0.64	22.2	9.3	0.19	0.0	0.0	0	0.0	0	0	24
24-07-2023	19.8	10.7	6.2	6.2	0.58	22.7	9.4	0.29	0.0	0.0	0	0.0	0	0	20
25-07-2023	21.1	11.4	6.0	9.8	0.58	22.2	9.3	0.28	0.0	0.0	0	0.0	0	0	22
26-07-2023	27.6	14.9	6.1	10.0	0.56	21.6	15.0	0.21	0.0	0.0	0	0.0	0	0	28
27-07-2023	49.9	27.0	5.7	10.0	0.90	21.4	15.0	0.23	0.0	0.0	0	0.0	0	0	50
28-07-2023	53.7	29.0	5.9	10.0	0.85	20.1	15.0	0.08	0.0	0.0	0	0.0	0	0	54
29-07-2023	47.1	25.4	5.9	1.2	0.67	21.9	1.8	0.28	0.0	0.0	0	0.0	0	0	47
30-07-2023	52.8	28.5	5.8	10.0	0.64	21.2	9.4	0.11	0.0	0.0	0	0.0	0	0	53
31-07-2023	103.9	56.1	9.0	10.0	0.79	57.0	15.0	0.11	0.0	0.0	0	0.0	0	0	103
Minimum	19.8	10.7	5.4	1.2	0.53	20.1	1.8	0.04	0.0	0.0	0	0.0	0	0	*
Maximum	103.9	56.1	11.1	10.2	0.90	57.0	15.1	0.90	0.0	0.0	0	0.0	0	0	*
Average	51.9	28.0	6.1	7.5	0.7	22.9	10.4	0.47	0.0	0.0	0	0.0	0	0	*

Jigani Industrial Area, Anekal July 2023

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
01-07-2023	47.8	19.7	5.7	8.3	0.54	26.7	6.6	0.98	26.6	72	170.1	0.2	896	195	48
02-07-2023	39.4	17.4	5.9	8.3	0.49	26.0	6.7	0.99	27.1	80	199.2	0.2	935	113	39
03-07-2023	33.1	18.3	5.7	8.4	0.61	28.6	6.7	0.98	26.7	82	175.7	0.3	934	178	33
04-07-2023	29.0	12.3	5.9	8.3	0.43	31.5	6.6	0.98	26.1	83	190.2	0.4	932	121	32
05-07-2023	32.8	14.5	6.0	8.4	0.64	34.1	6.6	0.98	26.1	82	188.6	0.3	932	108	34
06-07-2023	31.3	14.2	5.9	8.4	0.64	27.8	6.7	0.98	25.8	87	178.7	0.3	934	115	31
07-07-2023	35.0	18.7	6.0	8.3	0.72	26.9	6.7	0.52	26.4	83	171.7	0.3	935	118	35
08-07-2023	31.1	11.9	5.9	8.3	0.68	26.6	6.7	0.40	26.1	86	166.1	0.3	935	103	31
09-07-2023	33.1	12.9	6.0	8.3	0.64	25.6	6.6	0.36	27.1	80	194.6	0.2	935	135	33
10-07-2023	50.9	22.2	5.8	8.3	0.77	18.5	6.7	0.54	26.8	86	152.8	0.2	935	132	51
11-07-2023	50.6	20.7	5.6	8.4	0.64	22.4	6.7	0.52	26.1	86	198.7	0.2	934	111	51
12-07-2023	43.6	18.4	5.8	8.3	0.65	24.5	6.7	0.41	27.3	77	195.5	0.3	934	177	44
13-07-2023	35.3	14.5	6.0	8.3	0.66	31.0	6.6	0.36	26.8	80	173.6	0.2	935	166	35
14-07-2023	37.6	20.3	5.9	8.3	0.45	25.9	6.7	0.38	26.9	77	170.6	0.3	935	155	38
15-07-2023	44.4	17.2	5.8	8.3	0.54	22.0	6.7	0.39	27.0	82	177.0	0.3	935	188	44
16-07-2023	38.7	15.3	5.9	8.3	0.55	23.3	6.7	0.42	26.8	80	191.8	0.3	935	142	39
17-07-2023	49.0	27.8	5.8	8.4	0.77	23.9	6.7	0.40	26.9	77	173.0	0.3	934	146	49
18-07-2023	42.8	17.3	6.0	8.3	0.68	24.6	6.6	0.31	26.8	76	188.2	0.3	934	169	43
19-07-2023	42.3	16.6	5.9	8.3	0.91	25.2	6.7	0.29	26.6	76	193.5	0.3	933	112	42
20-07-2023	47.0	16.9	5.7	8.3	0.91	26.3	6.7	0.26	27.2	71	181.6	0.4	933	168	47
21-07-2023	50.2	20.2	5.7	8.4	0.72	25.3	6.7	0.37	26.5	78	161.7	0.3	934	123	50
22-07-2023	38.3	15.7	5.9	8.3	0.67	23.5	6.7	0.39	26.0	83	204.4	0.3	935	84	38
23-07-2023	28.2	11.4	5.8	8.3	0.77	20.1	6.7	0.28	25.8	89	179.7	0.3	934	89	28
24-07-2023	30.0	13.5	6.0	8.3	0.68	19.8	6.6	0.33	25.3	92	169.5	0.3	934	84	30
25-07-2023	23.3	13.1	5.4	8.3	0.53	18.0	6.7	0.28	25.0	93	188.2	0.3	934	74	23
26-07-2023	32.3	15.2	6.1	8.3	0.57	18.6	6.6	0.32	25.1	91	186.2	0.3	935	76	32
27-07-2023	36.6	12.8	5.8	8.3	0.59	21.8	6.7	0.27	26.0	80	179.0	0.3	935	163	37
28-07-2023	40.7	15.7	5.8	8.4	0.77	19.7	6.7	0.36	26.5	82	166.4	0.3	935	150	41
29-07-2023	45.5	16.8	5.7	8.3	0.57	19.6	6.7	0.49	26.3	81	176.6	0.2	935	130	46
30-07-2023	44.7	16.9	6.0	8.3	0.59	20.2	6.6	0.42	26.9	78	171.7	0.3	935	217	45
31-07-2023	51.1	21.7	6.2	8.3	0.69	22.3	6.6	0.37	27.0	78	177.8	0.3	935	171	51
Minimum	23.3	11.4	5.4	8.3	0.43	18.0	6.6	0.26	25.0	71	152.8	0.2	896	74	*
Maximum	51.1	27.8	6.2	8.4	0.91	34.1	6.7	0.99	27.3	93	204.4	0.4	935	217	*
Average	47.8	39.2	16.8	8.3	0.65	24.2	6.7	0.49	26.4	82	180.4	0.3	933	136	*

Kasturinagar RTO-July 2023

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
01-07-2023	44.8	21.7	5.4	7.2	0.36	18.5	5.9	0.87	24.8	65	146.1	1.8	862	233	45
02-07-2023	44.2	21.4	5.3	8.1	0.39	19.6	6.6	0.86	24.1	77	220.7	1.8	899	186	44
03-07-2023	24.2	11.8	5.4	8.6	0.35	28.9	7.0	0.47	23.9	77	254.4	2.0	897	221	29
04-07-2023	18.6	9.0	5.5	8.8	0.38	33.7	7.1	0.36	22.9	80	325.0	2.3	898	157	34
05-07-2023	31.4	15.2	5.4	8.8	0.34	25.4	7.2	0.61	23.0	77	318.4	2.3	900	158	31
06-07-2023	28.4	13.8	5.4	8.2	0.38	20.9	6.7	0.55	22.9	80	314.8	2.2	901	159	28
07-07-2023	29.8	14.5	5.4	7.3	0.36	18.9	5.9	0.58	22.7	84	308.2	2.0	901	115	30
08-07-2023	30.2	14.6	5.5	6.7	0.37	18.9	5.5	0.58	22.6	84	291.9	1.9	902	127	30
09-07-2023	53.5	25.9	5.3	4.7	0.37	6.3	3.8	1.04	24.1	78	317.0	1.6	903	162	54
10-07-2023	42.4	20.6	5.4	6.8	0.35	9.6	5.5	0.82	23.3	86	226.4	1.5	901	150	42
11-07-2023	51.2	24.8	5.3	6.3	0.38	11.8	5.1	0.99	23.1	81	239.9	1.7	903	153	51
12-07-2023	42.2	20.5	5.4	7.0	0.35	17.1	5.7	0.82	23.9	78	244.4	1.7	902	218	42
13-07-2023	30.1	14.6	5.4	7.3	0.39	20.0	5.9	0.58	22.6	85	237.3	1.7	902	198	30
14-07-2023	50.6	24.6	5.4	6.0	0.35	12.8	4.8	0.98	23.6	78	260.5	1.7	903	181	51
15-07-2023	34.6	16.8	5.3	7.3	0.37	15.9	5.9	0.67	24.6	75	282.8	1.8	900	241	35
16-07-2023	52.2	25.3	5.4	7.2	0.37	18.8	5.9	1.01	24.1	75	254.1	1.8	903	183	52
17-07-2023	57.8	28.0	5.4	7.8	0.36	18.8	6.4	1.12	24.1	73	261.3	2.1	901	174	58
18-07-2023	57.8	28.0	5.4	7.5	0.38	18.8	6.1	1.12	24.3	69	263.0	2.4	900	231	58
19-07-2023	47.5	23.0	5.5	7.8	0.34	20.7	6.4	0.92	23.4	74	245.6	2.3	899	138	48
20-07-2023	79.9	38.8	5.5	9.0	0.38	24.6	7.3	1.55	24.3	68	282.9	2.7	898	217	80
21-07-2023	55.7	27.0	5.3	9.7	0.34	24.2	7.9	1.08	23.9	72	265.9	2.6	900	176	56
22-07-2023	19.0	9.2	5.4	8.4	0.38	17.9	6.9	0.37	23.0	79	278.7	2.2	898	112	19
23-07-2023	14.1	6.9	5.4	7.7	0.36	16.8	6.3	0.27	22.4	85	308.4	2.0	901	116	17
24-07-2023	14.1	6.8	5.3	8.2	0.37	18.0	6.7	0.27	21.6	90	319.9	2.0	901	103	18
25-07-2023	10.4	5.1	5.4	7.6	0.37	18.8	6.1	0.20	21.5	90	143.3	1.9	901	113	19
26-07-2023	16.8	8.1	5.4	8.2	0.35	19.6	6.7	0.33	21.4	89	197.3	2.0	904	101	20
27-07-2023	36.1	17.5	5.3	6.7	0.38	19.2	5.4	0.70	22.5	78	270.3	2.0	903	166	36
28-07-2023	35.2	17.1	5.4	7.2	0.35	15.0	5.9	0.68	23.4	78	294.9	1.8	902	166	35
29-07-2023	48.9	23.7	5.3	6.8	0.39	14.4	5.6	0.95	22.9	78	301.6	1.8	904	153	49
30-07-2023	45.4	22.0	5.4	7.5	0.35	15.5	6.1	0.88	24.5	71	288.6	1.9	903	248	45
31-07-2023	40.3	19.5	5.5	8.0	0.37	17.9	6.5	0.78	24.5	72	254.6	2.2	900	242	40
Minimum	10.4	5.1	5.3	4.7	0.34	6.3	3.8	0.20	21.4	65	143.3	1.5	862	101	*
Maximum	79.9	38.8	5.5	9.7	0.39	33.7	7.9	1.55	24.8	90	325.0	2.7	904	248	*
Average	38.3	18.6	5.4	7.6	0.37	18.6	6.1	0.74	23.3	78	265.1	2.0	900	171	*

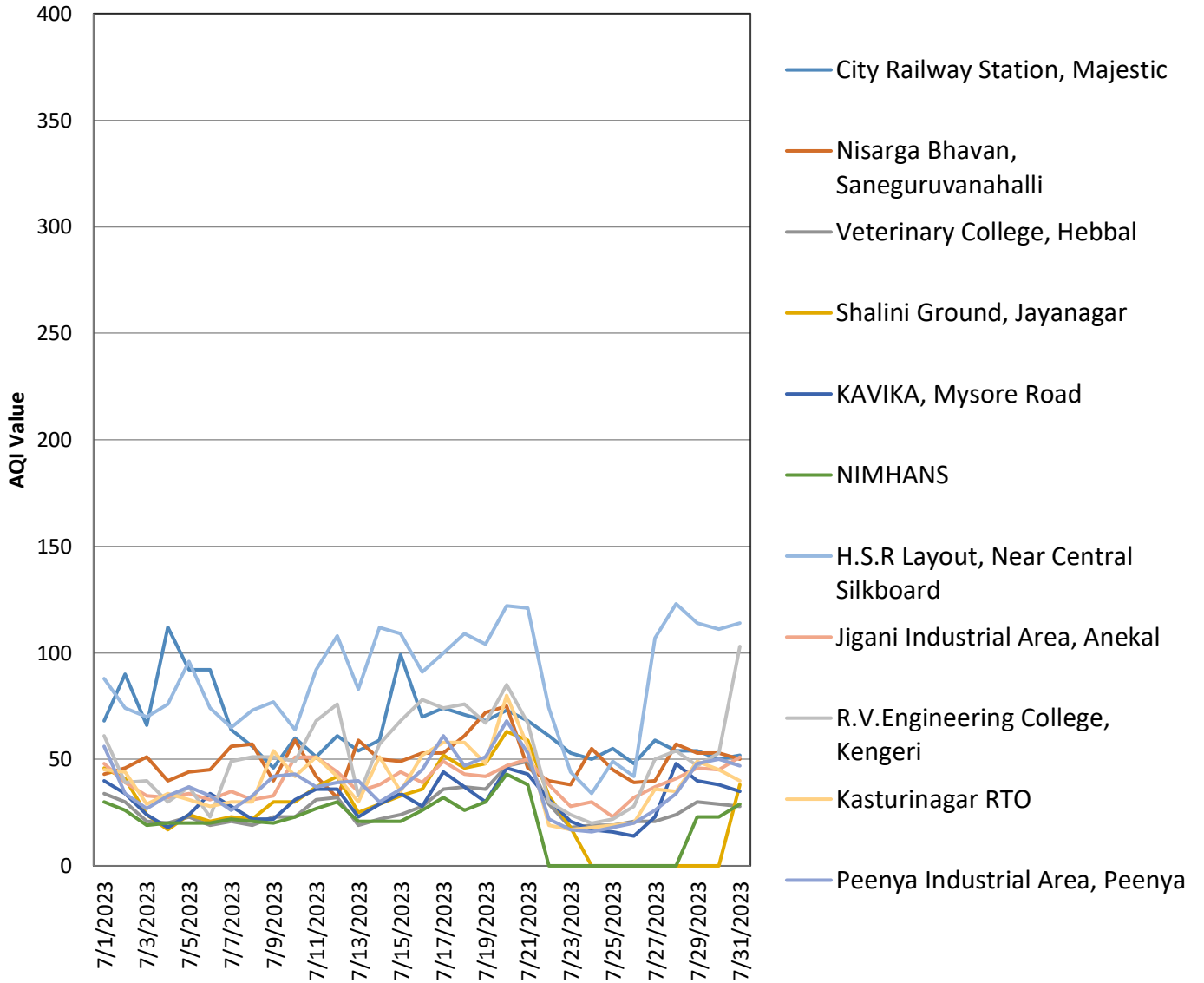
Peenya Industrial Area, Peenya July 2023

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
01-07-2023	56.0	30.8	2.8	10.9	0.34	18.5	3.1	0.55	25.6	85	216.6	0.8	936	203	56
02-07-2023	34.3	11.7	1.7	10.8	0.36	14.8	2.4	0.55	24.2	85	208.0	0.7	936	113	34
03-07-2023	18.8	12.2	2.3	10.6	0.43	26.9	2.2	0.86	23.9	87	194.6	0.9	935	166	27
04-07-2023	16.8	6.0	3.1	10.7	0.38	33.2	2.6	0.81	23.4	90	180.8	1.0	934	134	33
05-07-2023	36.7	24.6	2.8	10.4	0.46	27.4	2.5	0.85	23.3	87	188.0	1.0	933	119	37
06-07-2023	32.6	19.4	1.8	11.0	0.40	18.2	3.0	0.77	23.3	91	187.0	1.0	935	127	33
07-07-2023	25.5	13.7	3.0	10.1	0.41	23.1	2.6	0.89	23.2	80	183.5	1.1	936	100	26
08-07-2023	32.9	18.5	2.7	10.5	0.42	19.6	2.7	0.57	23.3	72	183.7	0.9	937	99	33
09-07-2023	31.7	25.3	2.3	10.6	0.30	12.8	2.5	0.60	24.3	66	197.6	0.7	936	120	42
10-07-2023	42.8	23.1	2.5	10.4	0.43	13.9	2.4	0.63	23.7	75	194.7	0.6	936	102	43
11-07-2023	37.1	21.7	2.5	10.8	0.35	11.2	2.3	0.53	23.4	74	208.6	0.6	936	124	37
12-07-2023	38.7	20.9	6.0	6.2	0.62	21.9	9.3	0.32	23.7	81	178.1	0.5	918	153	39
13-07-2023	39.5	21.3	5.7	6.2	0.79	22.5	9.4	0.45	23.9	80	201.4	0.7	904	163	40
14-07-2023	30.1	16.2	5.9	6.1	0.53	22.2	9.4	0.46	23.1	81	211.1	0.6	903	102	30
15-07-2023	35.7	16.7	2.2	11.0	0.40	9.4	2.7	0.46	24.3	65	210.0	0.6	925	182	36
16-07-2023	44.8	16.5	2.6	10.5	0.40	12.5	2.4	0.49	24.3	80	192.9	0.7	936	126	45
17-07-2023	61.3	25.3	3.1	10.7	0.38	14.7	4.8	0.63	24.3	72	189.0	0.8	935	116	61
18-07-2023	47.4	13.4	2.6	10.4	0.38	17.9	4.6	0.73	24.4	66	190.1	0.9	935	167	47
19-07-2023	50.9	15.5	2.6	9.9	0.34	19.2	4.2	0.73	23.8	79	192.5	0.8	934	98	51
20-07-2023	67.7	3.7	1.6	9.8	0.36	22.0	4.2	0.67	24.3	63	193.7	0.9	934	139	68
21-07-2023	52.5	1.8	3.0	9.8	0.35	19.3	4.2	0.77	24.1	67	191.9	0.8	935	130	53
22-07-2023	22.2	3.1	2.2	10.1	0.31	16.8	4.4	0.73	23.5	72	185.1	0.8	936	68	22
23-07-2023	14.8	2.1	3.2	9.8	0.29	17.3	4.2	0.64	23.1	78	198.8	0.7	935	85	17
24-07-2023	16.0	7.7	1.1	9.9	0.36	16.4	4.3	0.66	22.6	75	187.2	0.7	935	68	16
25-07-2023	7.2	3.8	2.0	10.0	0.35	17.7	4.3	0.49	22.4	78	209.0	0.6	936	80	18
26-07-2023	19.9	11.4	2.9	9.8	0.35	18.9	4.1	0.63	22.3	81	200.3	0.6	936	70	20
27-07-2023	25.6	6.9	2.4	9.9	0.37	17.8	4.3	0.49	23.0	72	191.4	0.6	937	99	26
28-07-2023	33.5	9.9	2.9	9.6	0.28	19.8	4.1	0.43	23.8	77	219.5	0.6	936	141	34
29-07-2023	47.5	9.8	2.2	10.8	0.33	10.1	4.8	0.37	23.5	76	223.0	0.6	937	122	48
30-07-2023	49.9	18.4	2.7	9.9	0.41	11.8	4.3	0.48	24.4	65	215.4	0.6	936	175	50
31-07-2023	46.7	22.6	2.6	10.6	0.37	11.2	4.6	0.50	24.5	68	198.3	0.6	936	172	47
Minimum	7.2	1.8	1.1	6.1	0.28	9.4	2.2	0.32	22.3	63	178.1	0.5	903	68	*
Maximum	67.7	30.8	6.0	11.0	0.79	33.2	9.4	0.89	25.6	91	223.0	1.1	937	203	*
Average	36.0	14.6	2.8	9.9	0.40	18.0	4.1	0.60	23.7	76	197.5	0.7	933	125	*

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 July-2023



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-2023 reveals that the Air quality is Good and Satisfactory. Even though in one station it has reached Moderate, the AQI values has not crossed 123 as depicted in the above graph. In other words, the AQI observed during the month July-2023 are having more number of Good and Satisfactory days in over the number of days monitored.

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