

**ELOOR (EKM) CAAQMS MONTHLY DATA AND AQI JUNE 2023**

PARAMETERS	PM10	PM2.5	SO <sub>2</sub>	CO	NO	NO2	Nox	NH <sub>3</sub>	O <sub>3</sub>	WS	WD	TC	RH	RG	AQI
UNIT	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	m/s	degre	degreC	%	m m	
01-06-2023	80.22	33.32	8.89	0.9	7.63	20.23	27.76	7.34	20.73	0.18	292.29	31.27	85.55	0	80
02-06-2023	80.14	33.28	8.88	0.9	7.62	19.98	27.69	7.34	20.71	0.34	313.62	31.96	85.16	0	80
03-06-2023	79.76	33.13	8.84	0.9	7.59	20.09	27.78	7.32	20.61	0.16	266.71	32.1	85.61	0	80
04-06-2023	80.45	33.41	8.92	0.91	7.65	19.94	27.6	7.4	20.79	0.29	293.17	30.96	88.76	0	80
05-06-2023	81.27	33.76	9.01	0.92	7.73	20.25	27.89	7.32	21	0.27	303.08	31.08	96.29	0	81
06-06-2023	81.68	33.93	9.05	0.92	7.77	20.07	28	7.36	21.11	0.65	302.46	31.33	96.9	0	82
07-06-2023	81.77	33.96	9.06	0.92	7.78	20.14	27.77	7.37	21.13	0.11	127.45	30.11	97.33	0	82
08-06-2023	66.46	27.21	8.89	0.9	7.63	20.15	27.27	7.5	20.73	0.25	34.51	28.35	97.37	0	66
09-06-2023	64.99	27.22	6.95	0.92	6.25	15.24	21.56	5.91	22.16	0.26	84.21	27.91	97.36	0	65
10-06-2023	69.25	30.16	3.53	0.93	3.84	7.15	11.16	3.32	24.41	0.59	86.99	25.83	97.4	10.7	69
11-06-2023	68.54	27.23	3.51	0.9	6.35	15.53	21.88	5.44	21.59	0.35	81.47	27.63	91.56	7.2	69
12-06-2023	67.61	30.11	3.39	0.92	6.89	15.21	22.1	5.69	20.11	0.41	35.89	29.11	97.33	2.22	68
13-06-2023	67.83	29.57	3.46	0.91	3.74	7.28	10.73	3.36	23.89	0.18	28.97	32.34	97.29	0.01	68
14-06-2023	68.29	29.76	3.48	0.92	3.77	7.07	10.83	3.39	24.06	0.26	15.91	30.27	97.34	0.1	68
15-06-2023	67.26	29.33	3.43	0.9	3.71	7.13	10.8	3.39	23.68	0.41	337.15	30.42	97.2	0.48	104
16-06-2023	68.07	29.67	3.47	0.91	3.75	7.15	10.75	3.36	23.98	0.38	320.84	33.64	97.13	0.05	104
17-06-2023	62.56	27.56	6.95	0.92	6.11	11.75	17.86	5.91	23.56	0.26	84.21	27.91	97.36	0	63
18-06-2023	64.21	29.55	4.58	0.93	4.56	9.56	14.12	3.32	35.61	0.59	86.99	25.83	97.4	10.7	64
19-06-2023	68.54	24.33	4.33	0.9	4.11	10.21	14.32	5.44	28.61	0.35	81.47	27.63	91.56	7.2	69
20-06-2023	67.33	25.61	3.87	0.92	7.33	13.56	20.89	5.69	30.56	0.41	35.89	29.11	97.33	2.22	67
21-06-2023	71.44	31.07	3.63	0.96	3.96	7.84	10.59	3.25	25.19	1.97	307.1	32.94	97.09	0	71
22-06-2023	72.53	31.52	3.68	0.97	4.04	6.88	11.29	2.96	25.58	1.72	307.66	33.29	97.09	0	73
23-06-2023	67.49	29.43	3.44	0.91	3.72	7.18	10.82	3.39	23.77	0.65	310.14	30.99	97.19	0	104
24-06-2023	67.77	29.55	3.46	0.91	3.74	7.15	10.91	3.42	23.87	0.51	319.83	31.43	89.73	0	104
25-06-2023	67.49	29.43	3.44	0.91	3.72	7.12	10.91	3.25	23.77	0.41	105.8	28.84	97.4	0	104
26-06-2023	67.02	29.23	3.42	0.9	3.68	7.08	10.82	3.42	23.6	0.39	295.85	30.03	97.28	0	67
27-06-2023	67.65	29.5	3.45	0.91	3.73	7.1	10.74	3.37	23.83	0.28	169.61	27.94	97.42	0.02	68
28-06-2023	67.74	29.53	3.46	0.91	3.74	7.13	10.93	3.37	23.86	0.27	324.77	30.87	94.64	0	68
29-06-2023	67.29	29.35	3.43	0.9	3.71	7.16	10.75	3.38	23.7	0.3	352.81	30.97	97.33	0	67
30-06-2023	67.21	28.88	3.41	0.91	3.52	7.12	10.45	3.36	23.85	0.41	361.44	29.21	97.21	0	67
mini/result	62.56	24.33	3.39	0.9	3.52	6.88	10.45	2.96	20.11	0.11	15.91	25.83	85.16	0	63
maxi/result	81.77	33.96	9.06	0.97	7.78	20.25	28	7.5	35.61	1.97	361.44	33.64	97.42	10.7	104
Average	70.7559	29.9338	5.305	0.9159	5.33344	12.0806	17.3569	4.9	23.9303	0.49031	201.4263	30.0241	94.81844	1.61	77.2

## KANNUR CAAQMS MONTHLY DATA AND AQI JUNE 2023

PARAMETERS	PM10	PM25	SO2	CO	NO	NO2	NOX	NH3	O3_	BEN	TOLU	ETHYL	MP	OXY	WS	WD	TC	RH	SR	RG	AQI
UNIT	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	m/s	degre	degreC	%	W/m <sup>2</sup>	m m	
01-06-2023	76.58	39.12	2.93	0.52	4.18	12.83	17.01	7.5	13.05	0	0	0	0	0	3.55	244.99	33.99	51.99	89.01	0.79	77
02-06-2023	77.04	39.35	2.59	0.4	4.34	12.84	17.18	7.5	13.17	0	0	0	0	0	4.25	249.91	34.48	52.48	152.46	0	77
03-06-2023	77.49	39.58	1.43	0.26	4.32	12.84	17.16	7.5	13.28	0	0	0	0	0	4.49	251.4	34.5	52.5	154.68	0	77
04-06-2023	76.92	39.29	1.95	0.18	4.52	12.84	17.37	7.5	13.14	0	0	0	0	0	3.63	247.29	34.3	52.3	133.28	0.22	77
05-06-2023	78.08	39.89	7	0.29	4.56	12.84	17.4	7.5	13.43	0	0	0	0	0	3.04	243.27	34.55	52.55	163.14	0	78
06-06-2023	75.72	38.67	13.78	0.27	4.55	12.84	17.4	7.5	12.84	0	0	0	0	0	4.77	253.79	34.69	52.69	180.08	0.04	76
07-06-2023	76.89	39.28	16.74	0.39	4.56	12.84	17.4	7.5	13.13	0	0	0	0	0	4.2	249.18	34.59	52.59	174.71	0.03	77
08-06-2023	76.99	39.33	12.08	0.23	4.55	12.85	17.4	7.5	13.16	0	0	0	0	0	4.21	249.25	34.56	52.56	170.77	0.12	77
09-06-2023	76.6	39.13	21.48	0.43	4.52	12.84	17.35	7.5	13.06	0	0	0	0	0	4.25	249.47	33.89	51.89	93.9	0.4	77
10-06-2023	77.14	39.4	6.46	0.39	4.48	12.84	17.32	7.5	13.19	0	0	0	0	0	4.04	247.89	33.54	51.54	32.18	0.46	77
11-06-2023	77.61	39.65	2.35	0.29	4.53	12.84	17.37	7.5	13.31	0	0	0	0	0	4.15	248.57	33.72	51.72	55.04	0.17	78
12-06-2023	77.05	39.36	7.02	0.29	4.54	12.84	17.39	7.5	13.17	0	0	0	0	0	4.19	248.87	34.12	52.12	109.06	0.07	77
13-06-2023	77.59	39.64	4.87	0.22	4.53	12.84	17.38	7.5	13.31	0	0	0	0	0	4.19	248.7	33.62	51.62	51.48	0.14	78
14-06-2023	77.04	39.36	4.16	0.34	4.52	12.85	17.37	7.5	13.17	0	0	0	0	0	4.25	249.21	33.71	51.71	61.61	0.12	77
15-06-2023	76.9	39.28	6.63	0.14	4.51	12.83	17.34	7.5	13.13	0	0	0	0	0	4.79	252.86	34.5	52.5	155.77	0.04	77
16-06-2023	77.87	39.78	14.7	0.17	4.44	12.84	17.27	7.5	13.38	0	0	0	0	0	4.57	254.53	34.17	52.17	117.93	0.01	78
17-06-2023	77.43	39.55	3.85	0.27	4.23	12.84	17.07	7.5	13.27	0	0	0	0	0	2.32	240.16	34.16	52.16	117.32	0.19	77
18-06-2023	77.56	39.62	2.14	0.31	4.26	12.83	17.1	7.5	13.3	0	0	0	0	0	2.6	240.72	34.28	52.28	135.54	0.04	78
19-06-2023	76.93	39.27	1.24	0.28	4.25	12.84	17.09	7.5	13.14	0	0	0	0	0	2.62	242.01	34.9	52.9	215.44	0.07	77
20-06-2023	78.87	40.45	1.92	0.4	4.26	12.84	17.1	7.5	13.63	0	0	0	0	0	2.65	240.5	33.84	51.84	83.13	0.06	79
21-06-2023	77.29	39.48	2.7	0.31	4.26	12.84	17.1	7.5	13.23	0	0	0	0	0	4.92	254.91	33.84	51.84	76.2	0	77
22-06-2023	76.85	39.26	1.51	0.23	4.26	12.84	17.1	7.5	13.12	0	0	0	0	0	3.53	246.15	34.5	52.5	155.53	0	77
23-06-2023	76.84	39.25	0.98	0.37	4.26	12.84	17.1	7.5	13.12	0	0	0	0	0	3.52	246.66	33.76	51.76	67.86	0.33	78
24-06-2023	77.52	39.6	1.96	0.33	4.25	12.84	17.09	7.5	13.29	0	0	0	0	0	2.98	242.24	34.42	52.42	148.03	0	78
25-06-2023	77.33	39.5	3.16	0.37	4.32	12.84	17.16	7.5	13.24	0	0	0	0	0	2.74	240.77	34.32	52.32	131.34	0.05	77
26-06-2023	76.59	39.12	2.08	0.33	4.37	12.84	17.21	7.5	13.06	0	0	0	0	0	4.45	251.86	34.12	52.12	126.33	0.08	77
27-06-2023	77.03	39.35	1.68	0.42	4.38	12.84	17.22	7.5	13.17	0	0	0	0	0	2.26	239.98	33.64	51.64	53.15	0.96	77
28-06-2023	77.13	39.4	1.12	0.48	4.38	12.84	17.22	7.5	13.19	0	0	0	0	0	3.75	249.01	34.19	52.19	121.14	0.36	77
29-06-2023	77.51	39.6	2.33	0.31	4.38	12.84	17.21	7.5	13.29	0	0	0	0	0	4.06	248.84	33.34	51.34	26.8	0.31	78
30-06-2023	77.49	39.59	4.09	0.35	4.37	12.84	17.21	7.5	13.28	0	0	0	0	0	3.88	247.2	34.41	52.41	143.75	0.23	77
Mini /result	75.72	38.67	0.98	0.14	4.18	12.83	17.01	7.5	12.84	0	0	0	0	0	2.26	239.98	33.34	51.34	26.8	0	76
Maxi/result	78.87	40.45	21.48	0.52	4.56	12.85	17.40	7.50	13.63	0.00	0.00	0.00	0.00	0.00	4.92	254.91	34.90	52.90	215.44	0.96	79.00
Average	77.20	39.45	5.61	0.32	4.39	12.84	17.23	7.50	13.21	0.00	0.00	0.00	0.00	0.00	3.75	247.35	34.15	52.15	116.84	0.20	77.31

## KARYAVATTOM-CAAQMS MONTHLY DATA AND AQI JUNE 2023

PARAMETERS	PM10	PM25	SO2	CO	NO	NO2	NOX	NH3	O3	BEN	TOLU	ETHYL	MP	OXY	WS	WD	TC	RH	SR	RQ	AQI
UNITS	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	m/s	degre-----	degreC	%	W/m2	m m	
01-06-2023	38.94	34.65	0.47	0.02	7.91	17.29	25.57	7.91	23.8	0	0.6	0	0	0	0.59	231.7	31.46	82.8	239	0	58
02-06-2023	41.41	32.42	0.15	0.04	7.94	17.35	25.41	7.94	23.8	0	0.6	0	0	0	1.1	220	32.44	79.4	239	0	54
03-06-2023	40.36	24.9	1.69	0.03	7.96	17.38	25.63	7.96	23.8	0	0.6	0	0	0	0.89	214	32.73	80.6	239	0	42
04-06-2023	30.06	16.95	3.19	0.08	7.93	17.36	25.49	7.93	23.8	0	0.6	0	0	0	1.09	212.3	31.28	83.1	372	0.02	30
05-06-2023	29.76	18.24	0.16	0.05	7.89	17.34	25.48	7.89	23.7	0	0.6	0	0	0	1.06	213.2	31.43	85.7	268	0.04	30
06-06-2023	30.23	15.54	0.89	0.06	7.96	17.36	25.61	7.96	23.9	0	0.6	0	0	0	1.2	213.7	31.2	82.9	284	0.01	30
07-06-2023	28.85	16.65	0.26	0.22	7.94	17.36	25.73	7.94	23.8	0	0.6	0	0	0	0.88	219.6	29.77	93.2	542	0	29
08-06-2023	28.29	14.11	0.5	0.02	7.94	17.4	25.54	7.94	23.8	0	0.6	0	0	0	0.94	223	29.64	86.3	316	0	28
09-06-2023	31.08	14.08	2.59	0.04	7.92	17.37	25.54	7.92	23.8	0	0.6	0	0	0	1.03	218.9	29.75	85.2	309	0	31
10-06-2023	28.55	14.42	1.9	0.01	7.94	17.34	25.36	7.94	23.8	0	0.6	0	0	0	1.09	215.3	30.72	80.8	243	0	29
11-06-2023	31.48	17.69	0.66	0.01	7.93	17.35	25.74	7.93	23.8	0	0.6	0	0	0	0.46	229	30.13	87	295	0.01	31
12-06-2023	33.17	18.44	1.49	0.04	7.97	17.33	25.52	7.97	23.9	0	0.6	0	0	0	0.59	220	29.13	95.1	336	0.01	33
13-06-2023	29.89	16.85	0.2	0.01	7.99	17.35	25.59	7.95	23.9	0	0.6	0	0	0	0.56	220.5	29.61	87.1	286	0.01	30
14-06-2023	37.18	19.21	2.05	0.01	7.97	17.37	25.62	7.91	23.8	0	0.6	0	0	0	0.98	209.4	30.95	80.4	239	0	37
15-06-2023	44.39	19.31	1.95	0.04	7.97	17.4	25.54	7.97	23.8	0	0.6	0	0	0	1.07	208.7	31.82	79	239	0	44
16-06-2023	43.22	16.25	1.98	0.03	7.94	17.32	25.65	7.94	23.8	0	0.6	0	0	0	1.12	206.9	31.51	82.8	239	0	43
17-06-2023	45.81	17.24	1.06	0.01	7.96	17.3	25.46	7.96	23.8	0	0.6	0	0	0	0.77	219	30.15	88.8	240	0	46
18-06-2023	30.83	15.32	1.71	0.02	7.98	17.31	25.57	7.98	23.8	0	0.6	0	0	0	0.6	218.5	29	88.7	656	0	31
19-06-2023	45.46	19.4	0.82	0.01	7.9	17.34	25.64	7.9	23.8	0	0.6	0	0	0	0.8	214.5	29.7	87.2	448	0	45
20-06-2023	47.3	20.47	0.17	0.1	7.97	17.35	25.45	7.97	23.9	0	0.6	0	0	0	0.78	220	30.67	86.2	322	0	47
21-06-2023	48.71	22.28	1.18	0.15	7.92	17.33	25.65	7.92	23.9	0	0.6	0	0	0	0.87	213.4	30.28	86.3	239	0	49
22-06-2023	48.2	22.61	1.86	0.01	7.9	17.32	25.59	7.9	23.9	0	0.6	0	0	0	0.97	213	30.84	80.9	239	0	48
23-06-2023	55.01	23.91	1.19	0.01	7.93	17.31	25.54	7.93	23.8	0	0.6	0	0	0	0.98	214.9	31.45	79.2	239	0	55
24-06-2023	54.8	22.91	0.52	0.01	7.93	17.33	25.56	7.93	23.8	0	0.6	0	0	0	0.94	220.7	31.31	77.4	239	0	55
25-06-2023	40.61	18.4	1.68	0	7.94	17.37	25.51	7.94	23.8	0	0.6	0	0	0	0.71	221.9	29.62	85.9	313	0	41
26-06-2023	28.01	13.17	2.37	0.02	7.92	17.37	25.46	7.92	23.8	0	0.6	0	0	0	0.96	219.9	29.36	85.7	268	0	28
27-06-2023	25.69	13.58	0.57	0.06	7.99	17.37	25.36	7.99	23.8	0	0.6	0	0	0	0.79	221.7	26.73	97.2	330	0	26
28-06-2023	29.51	13.09	2.36	0.02	7.97	17.32	25.43	7.97	23.8	0	0.6	0	0	0	0.68	222.8	29.25	82.4	484	0	30
29-06-2023	31.24	13.47	0.57	0.02	7.93	17.38	25.4	7.93	23.8	0	0.6	0	0	0	0.88	218	29.05	88.4	459	0	31
30-06-2023	40.69	15.31	1.74	0.02	7.92	17.32	25.35	7.93	23.8	0	0.6	0	0	0	0.85	211.9	30.45	82.7	262	0	31
Min /result	25.69	13.09	0.15	0	7.89	17.29	25.35	7.89	23.74	0	0.6	0	0	0	0.46	206.89	26.73	77.38	239.1	0	26
Max/result	55.01	34.65	3.19	0.22	7.99	17.4	25.74	7.99	23.88	0	0.6	0	0	0	1.2	231.65	32.73	97.18	656.3	0.04	58
Average	37.29	18.7	1.26	0.04	7.94	17.35	25.53	7.94	23.81	0	0.6	0	0	0	0.87	216.74	30.38	84.94	314.2	0	38.31

**KOLLAM CAAQMS MONTHLY DATA AND AQI JUNE 2023**

PARAMETERS	PM10	PM25	SO2	CO	NO	NO2	NOX	NH3	O3	BEN	TOLU	ETHYL	MP	OXY	WS	WD	TC	RH	SR	RG	AQI
UNITS	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	m/s	degre	degreC	%	W/m2	m m	
01-06-2023	52.57	36.02	7.61	0.71	3.16	7.18	10.34	7.84	25.04	0.84	0.6	0.59	0.62	0.5	1.21	67.73	28.39	85	147.7	0	60
02-06-2023	77.4	30.43	6.28	0.81	4.73	8.52	13.08	6.77	27.72	0.84	0.6	0.6	0.62	0.5	1.72	94.33	29.25	83.8	180.5	0	77
03-06-2023	37.43	24.93	6.6	0.91	6.29	10.1	15.86	5.59	30.01	0.84	0.6	0.59	0.63	0.5	1.59	58.76	29.56	83.77	165	0	46
04-06-2023	27.96	25.01	6.1	0.92	6.31	10.2	15.54	9.63	30.15	0.84	0.61	0.58	0.63	0.51	2.9	76.31	29.38	80.56	173	0	46
05-06-2023	51.16	24.82	6.98	0.91	6.26	10.1	15.99	5.59	29.89	0.83	0.6	0.6	0.62	0.5	1.69	75.17	28.45	86.93	179.6	0	51
06-06-2023	58.84	24.93	4.66	0.91	6.3	10.1	15.9	5.61	30.02	0.84	0.6	0.59	0.63	0.5	2.21	102.12	27.67	87.53	213	0	59
07-06-2023	66.23	24.54	3.89	0.9	6.19	9.96	15.58	5.56	29.55	0.83	0.6	0.58	0.62	0.5	2.01	121.3	27.26	91.49	122.5	0	66
08-06-2023	57.69	24.94	5.29	0.91	6.3	10.2	15.94	5.62	30.03	0.84	0.61	0.6	0.63	0.5	1.42	124.15	26.15	90.88	130.6	0	58
09-06-2023	66.29	24.8	5.79	0.91	6.26	10.1	15.73	5.58	29.86	0.83	0.61	0.59	0.62	0.5	1.6	118.91	26.25	90.56	119.9	0	66
10-06-2023	57	24.78	7.04	0.91	6.25	9.97	15.91	5.56	29.84	0.83	0.6	0.59	0.62	0.5	1.72	123.81	26.33	88.97	179.8	0	57
11-06-2023	88.73	25.03	5.87	0.92	6.32	10.2	15.61	5.65	30.13	0.84	0.62	0.58	0.63	0.5	0.59	176	26.78	96.71	86.8	0	89
12-06-2023	72.08	25.1	3.33	0.92	6.34	10.1	15.87	5.57	30.22	0.84	0.6	0.59	0.62	0.5	1.39	127.35	25.99	97.11	131.7	0	72
13-06-2023	57.67	24.73	5.77	0.91	6.24	10	15.75	5.53	29.78	0.83	0.6	0.59	0.62	0.5	1.29	111.28	25.82	93.7	154.1	0	58
14-06-2023	75.29	24.85	4.78	0.91	6.27	9.93	15.75	5.6	29.93	0.84	0.6	0.59	0.63	0.5	2.3	108.14	27.47	85.82	144.5	0	75
15-06-2023	89.44	28.54	3.13	0.92	6.28	10.1	15.83	9.75	31.44	0.83	0.6	0.59	0.63	0.5	2.81	113.43	28.36	83.7	157.6	0	89
16-06-2023	82.27	32.03	4.78	0.89	6.13	9.99	15.92	5.6	33.08	0.82	0.6	0.59	0.62	0.5	2.62	99.78	28.09	86.9	24.4	0	82
17-06-2023	71.66	32.97	5.61	0.91	6.34	9.99	15.74	5.53	34.05	0.84	0.6	0.59	0.62	0.5	1.79	105.06	27.28	89.73	127.9	0	72
18-06-2023	47.91	32.59	7.66	0.9	6.25	10.1	15.95	5.56	33.66	0.83	0.61	0.6	0.62	0.5	1.52	140.63	25.82	92.7	209.6	0	54
19-06-2023	56.55	32.93	5.65	0.91	6.33	10	15.94	5.57	34	0.84	0.6	0.59	0.62	0.5	1.45	96.03	26.63	91.67	167.5	0	57
20-06-2023	52.01	32.99	5.7	0.91	6.33	10.1	15.82	5.6	34.07	0.84	0.6	0.59	0.63	0.5	1.41	100.13	27.3	90	121	0	55
21-06-2023	56.09	32.79	6.82	0.91	6.29	10	15.77	5.6	33.86	0.83	0.61	0.59	0.63	0.5	1.62	116.12	26.47	91.5	95	0	56
22-06-2023	50.9	33.32	14.8	0.92	6.41	10.1	16.05	5.6	34.41	0.85	0.61	0.6	0.63	0.5	2.54	116.72	27.26	85.49	180	0	56
23-06-2023	109.92	32.35	6.31	0.9	6.24	10	15.98	5.59	33.41	0.82	0.6	0.6	0.62	0.5	3.06	92.74	29.12	76.7	171.4	0	107
24-06-2023	92.48	32.71	6.77	0.91	6.28	10.1	15.73	5.55	33.78	0.83	0.61	0.59	0.62	0.5	2.37	119.29	27.6	82.19	130	0	92
25-06-2023	74.34	32.78	7.09	0.91	6.29	10.1	15.84	5.59	33.85	0.83	0.6	0.59	0.63	0.5	1.29	69.83	26.28	87.76	174.4	0	74
26-06-2023	59.94	32.5	6.8	0.9	6.23	10.1	15.93	5.51	33.56	0.83	0.6	0.59	0.61	0.49	2.22	118.93	26.02	89.18	156.6	0	60
27-06-2023	47.98	32.65	6.48	0.91	6.32	10.1	15.62	5.61	33.71	0.83	0.61	0.58	0.63	0.5	0.96	102.78	24.03	97.5	150.6	0	54
28-06-2023	58.4	32.82	7.4	0.91	6.3	9.97	15.93	5.58	33.9	0.84	0.6	0.59	0.62	0.5	1.24	113.96	25.71	89.71	147.4	0	58
29-06-2023	54.7	32.85	6.87	0.91	6.31	10.2	15.95	5.59	33.93	0.84	0.61	0.59	0.63	0.5	1.71	110.99	25.6	93.49	128.1	0	55
30-06-2023	79.73	32.86	7.61	0.91	6.31	10.1	15.67	5.6	33.94	0.84	0.6	0.58	0.63	0.5	2.04	105.72	27.1	87.21	152.1	0	80
Mini /result	27.96	24.54	3.13	0.71	3.16	7.18	10.34	5.51	25.04	0.82	0.6	0.58	0.61	0.49	0.59	58.76	24.03	76.7	24.4	0	46
Maxi /result	109.92	36.02	14.8	0.92	6.41	10.2	16.05	9.75	34.41	0.85	0.62	0.6	0.63	0.51	3.06	176	29.56	97.5	213	0	107
Average	64.36	29.49	6.32	0.9	6.13	9.92	15.55	5.97	31.69	0.84	0.6	0.59	0.62	0.5	1.71	105.46	27.11	88.61	147.4	0	66.69

**PLAMOOD (TVM) CAAQMS MONTHLY DATA AND AQI JUNE 2023**

Date/Day	CO (mg/m <sup>3</sup> )	Ozone (µg/m <sup>3</sup> )	NO (µg/m <sup>3</sup> )	NO2 (µg/m <sup>3</sup> )	NOX (µg/m <sup>3</sup> )	NH3 (µg/m <sup>3</sup> )	SO2 (µg/m <sup>3</sup> )	PM2.5 (µg/m <sup>3</sup> )	PM10 (µg/m <sup>3</sup> )	AT (°C)	RH (%)	WS (m/s)	WD (deg.)	SR (W/m <sup>2</sup> )	BP (mmHg)	RF (mm)	AQI
01-06-2023 Thu	0.49	15.7	1.0	8.8	9.8	3.6	9.1	8	16	26.4	74	1.0	72	165	755	0.0	24.0
02-06-2023 Fri	0.53	16.3	1.0	8.8	9.8	3.7	9.3	9	18	27.0	72	1.2	66	172	755	0.0	27.0
03-06-2023 Sat	0.64	17.2	1.0	8.8	9.7	3.7	8.8	7	15	27.3	73	1.3	60	187	754	0.0	32.0
04-06-2023 Sun	0.35	14.8	1.0	8.8	9.8	3.7	9.3	5	10	26.4	74	1.2	64	167	755	0.0	18.0
05-06-2023 Mon	0.54	17.8	0.9	8.8	9.7	3.7	6.8	6	13	26.3	76	1.6	62	165	755	23.0	27.0
06-06-2023 Tue	0.34	13.6	1.0	8.8	9.8	3.7	8.4	5	11	26.3	73	1.3	65	172	754	6.0	17.0
07-06-2023 Wed	0.32	15.7	1.0	8.8	9.7	3.7	9.2	7	13	25.2	80	1.0	69	134	755	6.0	16.0
08-06-2023 Thu	0.28	11.9	1.0	8.8	9.8	3.7	7.5	6	11	25.2	76	1.0	73	154	755	1.0	14.0
09-06-2023 Fri	0.54	9.8	1.0	8.8	9.7	3.7	7.6	7	14	25.2	74	0.9	71	145	755	1.0	27.0
10-06-2023 Sat	0.51	12.0	1.0	8.8	9.7	3.7	8.7	7	16	25.8	72	1.2	71	194	754	0.0	25.0
11-06-2023 Sun	0.30	11.3	1.0	8.8	9.8	3.7	8.8	7	21	25.5	75	0.6	81	95	753	0.0	21.0
12-06-2023 Mon	0.59	14.7	1.0	8.8	9.7	3.7	9.7	5	16	24.7	81	0.4	76	92	754	0.0	31.0
13-06-2023 Tue	0.34	13.9	0.9	8.8	9.8	3.5	8.3	6	15	25.1	76	0.8	72	183	753	0.0	17.0
14-06-2023 Wed	0.38	15.0	0.8	8.8	9.7	3.6	7.4	7	24	26.0	72	1.2	70	164	755	0.0	24.0
15-06-2023 Thu	0.54	13.7	0.7	9.0	9.7	3.1	10.0	8	33	26.6	71	1.6	69	170	750	0.0	33.0
16-06-2023 Fri	0.64	11.7	0.7	9.2	9.9	2.2	7.9	9	38	26.6	73	2.1	64	200	750	0.0	38.0
17-06-2023 Sat	0.68	12.0	0.6	9.3	9.9	2.2	8.6	7	30	25.5	77	1.5	70	137	751	0.0	34.0
18-06-2023 Sun	0.32	7.7	0.7	9.3	9.9	2.2	7.2	6	17	24.8	77	0.9	77	95	751	0.0	17.0
19-06-2023 Mon	0.75	10.9	0.6	9.3	9.9	2.2	7.5	9	29	25.4	76	1.1	72	147	749	0.0	37.0
20-06-2023 Tue	0.74	12.0	0.7	9.3	9.9	2.2	9.4	10	38	25.9	75	1.1	64	139	749	0.0	38.0
21-06-2023 Wed	0.78	13.6	0.7	9.2	9.9	2.2	7.6	13	32	25.7	75	1.2	68	131	749	0.0	38.0
22-06-2023 Thu	0.56	10.6	0.7	9.2	9.9	2.2	8.8	12	27	26.2	71	1.6	69	205	749	0.0	28.0
23-06-2023 Fri	0.61	10.8	0.6	9.3	9.9	2.2	7.6	16	36	26.6	71	1.7	67	200	750	0.0	36.0
24-06-2023 Sat	0.47	9.2	0.7	9.3	9.9	2.2	7.6	14	32	26.4	70	1.8	70	166	749	0.0	32.0
25-06-2023 Sun	0.28	12.1	0.7	9.3	9.9	2.2	8.4	8	19	25.0	77	1.5	63	145	750	0.0	19.0
26-06-2023 Mon	0.50	14.2	0.7	9.3	9.9	2.2	7.0	4	10	24.9	76	1.4	72	167	751	0.0	25.0
27-06-2023 Tue	0.28	13.3	0.7	9.2	9.9	2.2	7.7	2	6	22.8	84	1.2	72	58	752	0.0	14.0
28-06-2023 Wed	0.30	11.2	0.6	9.3	9.9	2.2	9.1	5	12	24.8	74	1.0	65	133	751	0.0	15.0
29-06-2023 Thu	0.34	9.6	0.7	9.3	9.9	2.2	9.2	5	12	24.6	78	1.1	69	115	752	0.0	17.0
30-06-2023 Fri	0.51	14.0	0.6	9.3	9.9	2.2	9.6	7	17	25.8	74	1.7	65	181	751	0.0	25.0
Average	0.48	12.9	0.8	9.0	9.8	2.9	8.4	8	20	25.7	75	1.2	69	153	752		25.0
Minimum	0.28	7.7	0.6	8.8	9.7	2.2	6.8	2	6	22.8	70	0.4	60	58	749	0.0	14.0
Maximum	0.78	17.8	1.0	9.3	9.9	3.7	10.0	16	38	27.3	84	2.1	81	205	755	23.0	38.0

## THRISSUR CAAQMS MONTHLY DATA AND AQI JUNE 2023

PARAMETERS	PM10	PM25	SO2	CO	NO	NO2	NOX	NH3	O3	BEN	TOLU	ETHYL	MP	OXY	WS	WD	TC	RH	SR	RG	AQI
UNIT	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m	m/s	degre	degreC	%	W/m <sup>2</sup>	m m	
01-06-2023	67.68	31	4.07	0.37	4.81	12.34	32.11	5.02	38.7	0.96	1.45	0	0	0	1.82	260.87	28.97	78.2	308.45	0	68
02-06-2023	64.58	31	1.17	0.42	4.8	12.39	31.96	4.94	38.79	0.96	1.45	0	0	0	1.78	259.22	29.56	76.78	316.19	0	65
03-06-2023	63.71	31	1.61	0.41	4.74	12.25	32.02	5	38.5	0.96	1.45	0	0	0	1.76	257.69	30.12	78.89	323.56	0	64
04-06-2023	51.56	31	5.56	0.42	4.87	12.4	32.01	5.01	38.84	0.96	1.45	0	0	0	1.77	257.24	28.65	81.24	304.17	0	52
05-06-2023	61.08	31	0.68	0.49	4.84	12.24	31.92	5.01	38.4	0.96	1.46	0	0	0	2.11	257.38	29.33	79.16	313.18	0	61
06-06-2023	46.74	31	13.1	0.56	4.82	12.31	32	5.01	38.74	0.96	1.45	0	0	0	1.83	257.36	28.68	83.57	304.54	0	52
07-06-2023	31.49	31	6.85	0.51	4.81	12.32	31.98	5	38.52	0.96	1.46	0	0	0	1.57	257.62	26.61	92.75	277.26	0	52
08-06-2023	29.67	31	0.4	0.63	4.84	12.42	31.89	5.05	38.66	0.96	1.46	0	0	0	1.35	259.53	25.33	92.02	260.38	0	52
09-06-2023	42.84	31	1.95	0.9	4.86	12.32	31.79	4.96	38.96	0.96	1.46	0	0	0	1.33	260.45	25.01	97.57	256.1	0	52
10-06-2023	47.97	31	0.68	0.68	4.76	12.32	31.95	4.99	38.39	0.96	1.46	0	0	0	1.24	261.06	25.82	94.94	266.81	0	52
11-06-2023	51.62	31	1.4	0.39	4.82	12.29	32.08	5.05	38.74	0.96	1.46	0	0	0	1.12	260.52	26.27	94.98	272.74	0	52
12-06-2023	47.01	31	2.89	0.45	4.84	12.37	31.99	4.99	38.84	0.96	1.46	0	0	0	1.25	259.94	25.21	97.73	258.78	0	111
13-06-2023	50.32	31	0.5	0.62	4.83	12.32	31.85	5	38.81	0.96	1.46	0	0	0	1.49	259.9	25.92	90.94	268.17	0	52
14-06-2023	56.4	30.8	1.91	0.6	4.81	12.3	32.1	4.98	38.68	0.96	1.46	0	0	0	1.86	260	27.48	83.04	288.78	0	56
15-06-2023	69.75	29.1	5.16	0.6	4.83	12.33	32.03	5	38.78	0.96	1.45	0	0	0	1.65	259.8	27.74	88.62	292.22	0	70
16-06-2023	68.07	29	0.66	0.28	4.8	12.34	31.99	4.99	38.62	0.96	1.46	0	0	0	1.95	258.79	28.24	84.89	298.79	0	68
17-06-2023	54.6	28.8	3.35	0.66	4.69	12.34	32	4.98	37.99	0.96	1.46	0	0	0	1.59	259.37	26.36	92.92	273.91	0	54
18-06-2023	49.95	29	5.09	0.38	4.81	12.33	32.09	4.94	38.67	0.96	1.45	0	0	0	2.03	259.02	27.51	84.58	289.07	0	50
19-06-2023	51.83	29	0.38	0.43	4.78	12.36	31.99	4.97	38.52	0.96	1.46	0	0	0	1.7	259.63	27.52	86.99	289.2	0	52
20-06-2023	63.49	29	2.58	0.47	4.81	12.22	31.97	4.99	38.69	0.96	1.46	0	0	0	1.36	257.17	26.99	91.75	282.25	0	52
21-06-2023	67.55	28.9	5.36	0.49	4.74	12.29	32.04	4.96	38.3	0.96	1.46	0	0	0	1.41	257.5	26.78	90.44	279.48	0	68
22-06-2023	66.47	29	0.18	0.43	4.78	12.38	32.1	5	38.49	0.96	1.45	0	0	0	1.56	258.44	27.63	85.3	290.67	0	66
23-06-2023	77.4	22.5	2.98	0.62	4.73	12.25	31.89	4.96	38.2	0.96	1.45	0	0	0	1.83	258.19	27.9	83.49	294.34	0	77
24-06-2023	85.99	14.5	3.81	0.63	4.72	12.42	31.94	4.96	38.14	0.96	1.46	0	0	0	1.74	258.82	27.68	83.24	291.36	0	86
25-06-2023	58.19	12.1	0.69	0.28	4.81	12.34	32.13	4.99	38.71	0.96	1.46	0	0	0	1.66	260.45	26.04	88.77	269.67	0	58
26-06-2023	39.32	11	4.24	0.45	4.81	12.34	32	4.98	38.7	0.96	1.46	0	0	0	1.59	259.82	26.6	85.12	277.13	0	39
27-06-2023	40.24	13.8	2.56	0.47	4.86	12.27	32.02	4.95	38.98	0.96	1.45	0	0	0	1.51	257.79	24.25	96.83	246.05	0	40
28-06-2023	42.36	12.8	0.96	0.52	4.83	12.32	32.04	4.94	38.79	0.96	1.46	0	0	0	1.47	258.2	26	90.71	269.14	0	42
29-06-2023	40.05	14.8	1.7	0.74	4.76	12.36	31.98	4.98	38.38	0.96	1.46	0	0	0	1.75	257.66	26.22	89.69	272.1	0	40
30-06-2023	55.12	11.5	3.26	0.56	4.79	12.33	31.95	4.96	38.55	0.96	1.46	0	0	0	1.78	258.12	27.27	85.77	286.02	0	55
Mini /result	29.67	11	0.18	0.28	4.69	12.22	31.79	4.94	37.99	0.96	1.45	0	0	0	1.12	257.17	24.25	76.78	246.05	0	39
Maxi /result	85.99	31.00	13.05	0.90	4.87	12.42	32.13	5.05	38.98	0.96	1.46	0.00	0.00	0.00	2.11	261.06	30.12	97.73	323.56	0.00	111.00
Average	54.96	25.63	3.09	0.52	4.80	12.33	31.99	4.99	38.60	0.96	1.46	0.00	0.00	0.00	1.63	258.93	27.13	87.67	284.07	0.00	59.63

## VYTTILA (EKM) CAAQMS MONTHLY DATA AND AQI JUNE 2023

PARAMETERS	PM10	PM2.5	SO2	NH3	NO	NO2	NOx	CO	O3	WS	WD	AT	RT	RF	Solarra diation	BEN	Tolu	Ethylben	M&P-Xyl	O-Xyl	AQI
unit	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ppb	mg/m³	µg/m³	m/s	deg	Deg C	%	mm	W/m²	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	
01-06-2023	85.69	16.49	38.17	34.23	72.4	13.94	66.81	1.48	2.6	0.59	2.69	28.3	1.09	3	245.9	0	0	0	0	0	86
02-06-2023	86.87	21.12	20.01	38.86	62.59	14.12	64.09	1.54	1.5	0.61	2.6	29.7	36.54	0	253.1	0	0	0	0	0	87
03-06-2023	79.91	17.17	20.38	41.99	65.48	15.81	67.16	1.51	1.5	0.66	2.5	29.9	67.78	0	255.8	0	0	0	0	0	84
04-06-2023	59.52	14.23	19.62	37.48	59.08	15.27	60.7	1.44	1.6	0.6	2.37	29.2	64.69	2	249.7	0	0	0	0	0	76
05-06-2023	60.64	9.18	48.62	41.67	113.7	15.1	104.53	1.49	3	0.61	2.16	29	40.55	87	254.3	0	0	0	0	0	79
06-06-2023	60.14	10.45	52.56	39.58	66.81	13.98	68.29	1.5	2.4	0.53	2.06	28.5	0.81	4.4	258.9	0	0	0	0	0	85
07-06-2023	43.18	4.5	50.55	42.26	66.78	13.36	68.18	1.45	1.6	0.66	2.1	27.2	17.72	173	264	0	0	0	0	0	85
08-06-2023	30.05	6.26	58.37	30.74	44.49	4.79	40.89	1.44	2.8	0.65	2.49	26.5	59.87	84.2	251.8	0	0	0	0	0	73
09-06-2023	23.83	6.25	54.7	26.57	38.59	0.63	31.47	1.43	3.5	0.6	3.25	25.5	82.66	88.4	246.7	0	0	0	0	0	72
10-06-2023	28.9	10.59	15.4	18.69	59.54	1.17	51.77	1.44	3.5	0.61	4.05	26.3	77.72	12.8	243.4	0	0	0	0	0	71
11-06-2023	61.34	12.14	10.48	18.81	63.28	0.83	54.19	1.42	3.6	0.42	4.74	27.4	74.94	5	253.1	0	0	0	0	0	85
12-06-2023	36	14.12	10.3	18	83.81	0.7	67.88	1.41	3.6	0.5	5.25	25.8	81.86	147	242.9	0	0	0	0	0	86
13-06-2023	39.57	14.36	10.28	15.39	59.85	0.9	52.76	1.5	2.5	0.46	6	26.4	45.1	40.8	250.6	0	0	0	0	0	75
14-06-2023	38.14	12.02	16.19	10.3	6.9	0.45	5.99	1.49	2.7	0.58	7.6	26.3	20.28	176	236.2	0	0	0	0	0	75
15-06-2023	50.14	17.29	15.47	10.47	12.3	0.74	10.29	1.58	3.6	0.59	8.96	27.4	78	145	250.2	0	0	0	0	0	79
16-06-2023	48.58	9.25	15.45	7.42	11.68	0.91	9.88	1.51	3.6	0.67	8.98	28.8	77.61	35.6	253.6	0	0	0	0	0	76
17-06-2023	52.6	18.39	15.75	7.75	12.7	0.41	10.39	1.52	2.5	0.47	8.35	26.8	85.22	41	238.9	0	0	0	0	0	76
18-06-2023	34.08	11.66	15.82	7.11	13.07	0.34	10.71	1.44	1.6	0.54	7.79	26.4	84.01	72.6	254.7	0	0	0	0	0	72
19-06-2023	32.96	12	17.55	7.12	12.78	1.18	10.92	1.5	1.6	0.47	7.7	26.8	84.14	157	247	0	0	0	0	0	75
20-06-2023	41.8	15.43	17.07	7.05	13.35	1.1	11.34	1.55	1.6	0.5	6.97	27	83.55	0	246.4	0	0	0	0	0	78
21-06-2023	50.62	17.51	16.83	7.14	13.43	0.75	11.21	1.56	1.6	0.48	6.62	26.3	84.39	56.8	243.1	0	0	0	0	0	78
22-06-2023	65.03	18.7	15.85	7.09	13.35	1.08	11.32	1.54	1.6	0.53	6.23	27.5	78.85	169	256.7	0	0	0	0	0	77
23-06-2023	53.92	15.09	15.14	7.35	12.61	1.27	10.84	1.53	1.6	0.49	5.38	27.4	78.13	13.2	254.3	0	0	0	0	0	77
24-06-2023	107.4	26.14	15.43	7.44	12.09	1.36	10.46	1.57	1.5	0.59	5.27	28.4	73.61	0	255.1	0	0	0	0	0	105
25-06-2023	63.94	17.81	15.23	8.25	9.42	0.44	7.82	1.5	1.6	0.53	6.11	26.4	81.25	88	248.4	0	0	0	0	0	75
26-06-2023	28.04	11.77	10.21	7.78	11.97	1.52	10.44	1.51	2.7	0.62	7.19	25.6	79.09	25.2	247.4	0	0	0	0	0	76
27-06-2023	22.08	10.08	12.53	5.56	19.35	1.06	16.17	1.52	3.6	0.44	8.11	24.3	85.4	193	250.2	0	0	0	0	0	76
28-06-2023	45.65	18.27	13.15	12.93	12.78	0.63	10.6	1.53	3.6	0.64	7.68	26.6	74.82	24	246.6	0	0	0	0	0	77
29-06-2023	6.42	3.71	11.67	13.3	10.14	0.2	8.23	1.44	3.6	0.38	7.36	24.6	90.07	36.2	245.9	0	0	0	0	0	72
30-06-2023	58.07	15.98	37.32	8.41	15.95	0.87	13.31	1.57	Invld	0.83	5.99	26.8	79.31	54.6	240.7	0	0	0	0	0	79
Mini/result	6.42	3.71	10.21	5.56	6.9	0.2	5.99	1.41	1.5	0.38	2.06	24.3	0.81	0	236.2	0	0	0	0	0	71
Maxi/result	107.4	26.14	58.37	42.26	113.7	15.81	104.53	1.58	3.6	0.83	8.98	29.9	90.07	193	264	0	0	0	0	0	105
Average	49.84	13.6	22.87	18.22	35.67	4.16	32.62	1.5	2.5	0.56	5.49	27.1	65.64	1934	249.5	0	0	0	0	0	78.9