

## ELOOR (EKM) CAAQMS MONTHLY DATA AND AQI AUGUST 2023

Parameters	PM10	PM2.5	SO <sub>2</sub>	CO	NO	NO <sub>2</sub>	NO <sub>x</sub>	NH <sub>3</sub>	O <sub>3</sub>	WS	WD	TC	HR	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	
01-08-2023	68.42	29.81	3.49	0.92	3.78	7.16	10.76	3.39	24.1	1.14	319.29	29.24	98.99	0	68
02-08-2023	68.17	29.71	3.48	0.92	3.76	7.14	10.83	3.4	24.01	0.86	315.46	29.47	98.62	0	68
03-08-2023	67.83	29.57	3.46	0.91	3.75	7.23	10.78	3.36	23.89	1.17	314.58	29.47	96.74	0.01	68
04-08-2023	67.82	29.57	3.46	0.91	3.74	7.2	10.91	3.34	23.89	1.27	316.87	29.7	96.29	0	68
05-08-2023	66.47	29.01	3.4	0.89	3.65	7.37	10.79	3.29	23.4	0.34	110.58	27.57	98.69	0.02	66
06-08-2023	67.56	29.03	3.45	0.78	3.56	7.45	10.48	3.51	23.7	1.45	310.25	28.59	98.45	0	68
07-08-2023	68.06	29.67	3.47	0.91	3.76	7.24	10.91	3.39	23.97	1.62	314.51	30.05	97.57	0	68
08-08-2023	68.21	29.73	3.48	0.92	3.77	7.07	10.88	3.39	24.03	0.91	317.45	28.94	98.86	0	68
09-08-2023	67.68	29.51	3.45	0.91	3.73	7.07	10.77	3.38	23.84	0.99	316.08	29.29	96.85	0	68
10-08-2023	67.84	29.57	3.46	0.91	3.74	7.15	10.81	3.37	23.9	1.08	316.68	29.49	98.84	0	68
11-08-2023	67.88	29.59	3.46	0.91	3.75	7.11	10.83	3.38	23.91	1.5	318.77	29.78	97.11	0	68
12-08-2023	67.95	29.62	3.47	0.91	3.75	7.13	10.94	3.42	23.93	1.34	321.99	29.47	96.61	0	68
13-08-2023	67.69	29.51	3.45	0.91	3.73	7.17	10.8	3.4	23.84	1.3	320.21	29.38	96.07	0	68
14-08-2023	67.73	29.53	3.46	0.91	3.74	7.1	10.92	3.36	23.86	0.95	319.71	29.36	94.82	0	68
15-08-2023	68.55	29.87	3.49	0.92	3.79	7.2	10.87	3.35	24.15	0.68	315.93	29.14	91.14	0	69
16-08-2023	67.04	29.24	3.42	0.9	3.69	7.14	10.77	3.35	23.61	0.31	90.31	27.98	96.03	0	67
17-08-2023	67.57	29.1	3.12	0.91	3.45	7.44	10.89	3.42	23.41	1.43	297.45	28.41	96.56	0	68
18-08-2023	67.92	29.61	3.46	0.91	3.75	7.16	10.78	3.34	23.93	0.56	313.75	28.55	98.33	0	68
19-08-2023	67.53	29.44	3.45	0.91	3.72	7.16	10.68	3.35	23.78	0.5	100.88	26.35	99.22	0	68
20-08-2023	56.78	32.87	1.67	0.56	4.23	8.45	12.34	2.78	27.34	1.05	118.34	30.02	98.56	0	57
21-08-2023	48.98	22.12	1.98	0.45	3.98	7.32	11.08	3.09	26.21	0.67	187.23	29.76	97.67	0	49
22-08-2023	62.78	31.23	2.23	0.78	2.12	6.21	8.55	2.22	30.21	0.87	219.56	28.14	99.12	0	63
23-08-2023	58.97	23.45	2.78	0.95	3.17	6.12	9.45	3.12	26.66	1.34	315.45	28.98	96.9	0	59
24-08-2023	66.93	29.39	3.42	0.9	3.69	7.19	10.86	3.38	23.73	1.11	310.61	35.53	84.85	0	67
25-08-2023	67.86	29.48	3.46	0.91	3.74	7.17	10.91	3.35	23.81	0.25	295.9	31.19	91.49	0	68
26-08-2023	61.49	24.73	3.44	0.91	3.72	7.14	10.89	3.37	23.75	0.32	307.32	32.05	92.88	0	61
27-08-2023	59.56	22.87	3.5	0.92	3.8	7.1	10.8	3.34	24.19	0.53	323.99	35.11	94.91	0	60
28-08-2023	58.33	22.38	3.43	0.9	3.7	7.13	10.7	3.34	23.68	0.39	313.79	33.93	90.85	0	58
29-08-2023	58.94	22.62	3.46	0.91	3.75	7.28	10.65	3.34	23.93	0.3	137.51	29.3	99.28	0	59
30-08-2023	61.23	27.46	2.98	0.87	3.14	7.98	11.09	2.97	24.12	0.76	221.89	30.18	97.65	0	61
31-08-2023	58.54	22.47	3.44	0.91	3.72	7.15	11.01	3.38	23.77	0.3	339.1	30.32	99.4	0	54
Mini	48.98	22.12	1.67	0.45	2.12	6.12	8.55	2.22	23.4	0.25	90.31	26.35	84.85	0	49
Maxi	68.55	32.87	3.5	0.95	4.23	8.45	12.34	3.51	30.21	1.62	339.1	35.53	99.4	0.02	69
Average	64.78	28.12	3.26	0.88	3.66	7.19	10.77	3.29	24.34	0.88	272.30	29.83	96.43	0.00	64.71

**KANNUR CAAQMS MONTHLY DATA AND AQI AUGUST 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>	mm	
01-08-2023	69.47	35.61	2.5	0.2	3.8	11.8	15.48	6.18	25.82	0.5	0.1	0.5	0.1	0	2.77	242.85	34.95	52.95	214.97	0.11	69
02-08-2023	69.75	35.41	0.14	0.27	3.83	11.65	15.53	6.18	25.91	0.5	0.1	0.5	0.1	0	1.96	235.89	33.75	51.75	56.47	0.03	70
03-08-2023	68.61	34.75	6.46	0.39	4.48	12.84	17.32	7.5	25.47	0	0	0	0	0	4.04	247.89	33.54	51.54	32.18	0.46	69
04-08-2023	69.25	38.25	2.35	0.29	4.53	12.84	17.37	7.5	25.41	0	0	0	0	0	4.15	248.57	33.72	51.72	55.04	0.17	69
05-08-2023	69.31	33.98	7.02	0.29	4.54	12.84	17.39	7.5	25.61	0	0	0	0	0	4.19	248.87	34.12	52.12	109.06	0.07	69
06-08-2023	69.12	34.89	4.87	0.22	4.53	12.84	17.38	7.5	25.74	0	0	0	0	0	4.19	248.7	33.62	51.62	51.48	0.14	69
07-08-2023	69.81	33.59	4.16	0.34	4.52	12.85	17.37	7.5	26.85	0	0	0	0	0	4.25	249.21	33.71	51.71	61.61	0.12	70
08-08-2023	67.65	33.75	6.63	0.14	4.51	12.83	17.34	7.5	27.61	0	0	0	0	0	4.79	252.86	34.5	52.5	155.77	0.04	68
09-08-2023	70.12	34.01	6.9	0.33	3.88	11.79	15.21	6.25	26.03	0.5	0.1	0.5	0.1	0	4.85	253.29	35.16	53.16	242.71	0	70
10-08-2023	69.58	33.59	2.13	0.3	3.81	11.77	15.57	6.22	25.85	0.5	0.1	0.5	0.1	0	5.37	256.7	34.88	52.88	205.75	0	70
11-08-2023	69.48	33.52	2.33	0.21	3.8	11.92	15.51	6.14	25.82	0.5	0.1	0.5	0.1	0	5.28	255.62	34.91	52.91	209.51	0	69
12-08-2023	69.48	33.52	1.03	0.23	3.8	11.84	15.56	6.23	25.82	0.5	0.1	0.5	0.1	0	4.65	252.68	34.57	52.57	164.15	0	69
13-08-2023	69.67	33.66	1.45	0.18	3.82	11.74	15.69	6.19	25.88	0.5	0.1	0.5	0.1	0	3.92	247.85	34.18	52.18	112.96	0.01	70
14-08-2023	69.55	33.57	2.94	0.33	3.81	11.78	15.57	6.24	25.84	0.5	0.1	0.5	0.1	0	3.97	248.3	34.69	52.69	180.34	0	70
15-08-2023	69.41	33.47	1.45	0.19	3.79	11.76	15.5	6.12	25.8	0.5	0.1	0.5	0.1	0	3.87	247.47	34.63	52.63	171.98	0	69
16-08-2023	69.44	33.49	1.06	0.22	3.79	11.81	15.56	6.17	25.81	0.5	0.1	0.5	0.1	0	3.96	247.95	34.74	52.74	186.43	0	69
17-08-2023	69.57	33.59	2.85	0.31	3.81	11.76	15.68	6.24	25.85	0.5	0.1	0.5	0.1	0	3.95	247.59	33.97	51.97	92.79	0.17	70
18-08-2023	69.47	33.51	2.69	0.2	3.8	11.74	15.61	6.23	25.82	0.5	0.1	0.5	0.1	0	3.93	247.76	34.65	52.65	184.01	0.06	69
19-08-2023	69.77	33.74	1.02	0.22	3.84	11.64	15.45	6.15	25.92	0.5	0.1	0.5	0.1	0	3.53	245.3	34.41	52.41	152.96	0.38	70
20-08-2023	69.4	33.46	5.39	0.31	3.79	11.86	15.43	6.25	25.8	0.5	0.1	0.5	0.1	0	2.96	241.36	33.75	51.75	70.4	0.13	69
21-08-2023	69.12	33.14	2.36	0.31	3.89	11.75	15.76	6.85	25.81	0.5	0.1	0.5	0.1	0	5.23	246.23	32.41	54.63	180.75	0	69
22-08-2023	69.86	33.58	2.69	0.42	3.61	11.63	15.42	6.47	25.46	0.5	0.1	0.5	0.1	0	4.98	241.78	32.1	54.23	204.38	0	70
23-08-2023	69.72	33.96	2.45	0.34	3.45	11.89	15.89	6.95	25.74	0.5	0.1	0.5	0.1	0	3.68	241.56	32.14	52.69	207.14	0	70
24-08-2023	69.35	33.75	1.03	0.26	3.52	11.74	15.32	6.32	25.96	0.5	0.1	0.5	0.1	0	4.85	241.86	31.05	53.21	201.57	0	69
25-08-2023	69.61	33.69	2.34	0.42	3.86	11.39	15.78	6.09	25.73	0.5	0.1	0.5	0.1	0	4.91	257.11	32.56	52.41	196.53	0	70
26-08-2023	69.73	33.71	1.42	0.36	3.83	11.79	15.58	6.21	25.9	0.5	0.1	0.5	0.1	0	5.83	258.25	35.16	53.16	242.62	0	70
27-08-2023	70	33.92	2.02	0.28	3.86	11.83	15.53	6.17	25.99	0.5	0.1	0.5	0.1	0	6.06	259.92	34.86	52.86	203.06	0	70
28-08-2023	69.31	33.39	1.75	0.24	3.78	11.71	15.47	6.14	25.77	0.5	0.1	0.5	0.1	0	5.56	257.68	34.73	52.73	185.4	0	69
29-08-2023	69.21	33.32	0.89	0.25	3.77	11.81	15.56	6.26	25.74	0.5	0.1	0.5	0.1	0	3.9	250.84	34.6	52.6	167.97	0	69
30-08-2023	69.57	33.59	1.42	0.28	3.81	11.79	15.61	6.19	25.85	0.5	0.1	0.5	0.1	0	2.67	241.78	34.88	52.88	205.04	0	70
31-08-2023	69.79	33.75	13.26	0.17	3.84	11.76	15.56	6.26	25.92	0.5	0.1	0.5	0.1	0	2.43	240.43	34.84	52.84	200.42	0	70
Mini	67.65	33.14	0.14	0.14	3.45	11.39	15.21	6.09	25.41	0	0	0	0	0	1.96	235.89	31.05	51.54	32.18	0	68
Maxi	70.12	38.25	13.26	0.42	4.54	12.85	17.39	7.50	27.61	0.50	0.10	0.50	0.10	0.00	6.06	259.92	35.16	54.63	242.71	0.46	70.00
Average	69.42	34.08	3.35	0.27	3.93	11.98	15.93	6.52	25.93	0.39	0.08	0.39	0.08	0.00	4.20	248.48	34.00	52.63	156.98	0.07	69.42

**KARYAVATTAM (TVM) CAAQMS MONYHLY DATA AND AQI AUGUST 2023**

Parameters	PM10	PM25	SO2	CO	NO	NO2	NOX	NH3	O3	Ben	Tolu	Ethyl	Mpxyl	Oxyle	TEMP	HD	WS	WD	SR	RG	AQI
UNITS	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>	³	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	degreC	%	m/s	degre	W/m2	mm	
01-08-2023	34.38	12.59	1.89	0.76	7.86	7.83	25.28	7.86	25.19	0	0	0	0	0	30.57	81.58	1.3	224.71	102.25	0	38
02-08-2023	34.3	12.51	0.81	0.76	7.89	7.86	25.4	7.89	25.31	0	0	0	0	0	30.62	83.05	1.21	222.37	103.18	0	38
03-08-2023	36.32	14.53	0.35	0.76	7.92	8.92	25.46	7.92	25.44	0	0	0	0	0	30.76	83.21	1.33	223.14	104.95	0	38
04-08-2023	31.49	9.7	0.34	0.76	7.86	10.83	25.42	7.86	25.19	0	0	0	0	0	30.95	81.17	1.24	223.36	106.67	0	38
05-08-2023	30.42	8.63	1.45	0.77	7.92	10.83	25.41	7.92	25.44	0	0	0	0	0	31.12	75.33	1.33	227.47	109.62	0	39
06-08-2023	31.35	9.56	1.44	0.75	7.83	10.81	25.37	7.83	25.18	0	0	0	0	0	30.7	80.03	1.31	223.99	104.21	0	38
07-08-2023	31.47	9.68	1.34	0.76	7.86	10.91	25.72	7.86	25.04	0	0	0	0	0	30.49	82.26	1.19	222.22	101.52	0	38
08-08-2023	33.31	11.52	0.43	0.76	7.91	10.84	25.38	7.91	25.41	0	0	0	0	0	30.31	82.77	1.16	222.25	99.17	0	38
09-08-2023	33.71	11.92	0.63	0.76	7.87	10.79	25.3	7.87	25.23	0	0	0	0	0	30.36	81.92	1.1	227.08	99.86	0	38
10-08-2023	32.8	11.01	1.51	0.75	7.85	10.9	25.46	7.85	25.14	0	0	0	0	0	30.05	85.59	1.06	225.04	95.86	0	38
11-08-2023	31.17	9.38	2.12	0.77	7.91	10.82	25.36	7.91	25.58	0	0	0	0	0	30.42	85.1	1.17	224.24	100.65	0	38
12-08-2023	31.07	9.28	1.66	0.76	7.87	10.84	25.28	7.87	25.23	0	0	0	0	0	30.48	81	1.19	221.37	101.34	0	38
13-08-2023	31.06	9.27	1.15	0.76	7.91	10.83	25.24	7.91	25.4	0	0	0	0	0	30.48	80.98	1.19	224.61	101.42	0	38
14-08-2023	30.94	9.15	0.45	0.76	7.89	10.79	25.29	7.89	25.31	0	0	0	0	0	30.35	82.84	1.09	220.33	100.05	0	38
15-08-2023	30.43	8.64	0.58	0.76	7.89	10.7	25.51	7.89	25.34	0	0	0	0	0	30.5	81.1	0.98	222.15	101.67	0	38
16-08-2023	43.69	21.9	1.35	0.76	7.89	10.83	25.35	7.89	25.32	0	0	0	0	0	30.05	82.94	0.31	229.75	95.85	0	44
17-08-2023	47.14	25.35	0.36	0.76	7.85	10.86	25.33	7.85	25.15	0	0	0	0	0	30.83	80.78	0.53	222.39	105.93	0	47
18-08-2023	43.17	21.38	4.8	0.77	7.94	10.84	25.19	7.94	25.55	0	0	0	0	0	31.01	83.33	0.94	219.07	108.16	0	43
19-08-2023	41	19.21	2.27	0.75	7.84	10.89	25.64	7.84	25.12	0	0	0	0	0	29.19	90.13	0.81	247.55	84.7	0	41
20-08-2023	46.28	22.87	1.95	0.75	7.98	10.84	25	7.84	25.38	0	0	0	0	0	30.34	70.25	1.28	235.98	117.31	0	46
21-08-2023	59.83	38.04	0.09	0.76	7.89	10.89	25.5	7.9	25.32	0	0	0	0	0	31.78	77.32	1.39	216.16	118.16	0	63
22-08-2023	49.4	27.61	1.56	0.76	7.92	10.77	25.3	7.92	25.44	0	0	0	0	0	31.27	80.11	1.22	224.11	111.59	0	49
23-08-2023	39.85	18.06	1.97	0.77	7.97	10.86	25.17	7.97	25.64	0	0	0	0	0	31.2	79.39	1.15	222.68	110.7	0	40
24-08-2023	29.55	7.76	0.3	0.76	7.9	10.84	25.4	7.9	25.36	0	0	0	0	0	30.94	77.16	1.09	225.94	107.3	0	38
25-08-2023	30.47	8.68	0.67	0.77	7.96	10.78	25.57	7.96	25.63	0	0	0	0	0	29.13	87.52	0.95	243.44	84.02	0	39
26-08-2023	34.65	12.86	0.12	0.76	7.9	10.93	25.13	7.9	25.37	0	0	0	0	0	31.4	76.72	1	230.61	112.81	0	35
27-08-2023	32.82	11.03	1.52	0.75	7.78	10.83	25.49	7.78	24.85	0	0	0	0	0	31.49	80.31	1.08	227.6	114.35	0	38
28-08-2023	31.4	9.61	0.56	0.75	7.85	10.83	25.2	7.85	25.15	0	0	0	0	0	31.35	80.02	0.81	223.05	112.54	0	38
29-08-2023	29.39	7.6	1.58	0.76	7.89	10.8	25.29	7.89	25.33	0	0	0	0	0	29.56	87.41	0.88	225.28	89.49	0	38
30-08-2023	29.41	7.62	2.98	0.77	7.93	10.88	25.49	7.93	25.5	0	0	0	0	0	29.69	85.02	1.2	231.39	91.24	0	39
31-08-2023	33.65	11.86	0	0.76	7.89	10.86	25.32	7.89	25.32	0	0	0	0	0	30.76	85.26	1.03	223.61	105.03	0	38
Mini	29.39	7.6	0	0.75	7.78	7.83	25	7.78	24.85	0	0	0	0	0	29.13	70.25	0.31	216.16	84.02	0	35
Maxi	59.83	38.04	4.8	0.77	7.98	10.93	25.72	7.97	25.64	0	0	0	0	0	31.78	90.13	1.39	247.55	118.16	0	63
Average	36.22	14.38	1.30	0.76	7.89	10.51	25.36	7.89	25.31	0	0	0	0	0	30.58	81.58	1.07	226.26	103.14	0	40.76

## KOLLAM CAAQMS MONTHLY DATA AND AQI AUGUST 2023

Parameters	PM10	PM2.5	SO2	CO	NO	NO2	NOX	NH3	O3	BEN	TOLU	L	MP	OXY	WS	WD	TC	RH	SR	RG	AQI
UNITS	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>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	m/s	degre	degre	%	W/m2	m m	
01-08-2023	74.42	28.2	10.68	0.61	2.37	5.96	7.89	2.58	34.1	0.84	0.6	0.59	0.62	0.5	3.34	105.27	27.55	86.86	161.8	0	74
02-08-2023	85.71	39.5	10.61	0.61	2.33	6.05	7.74	2.59	33.71	0.83	0.6	0.58	0.63	0.49	2.92	103.83	27.54	86.89	153	0	86
03-08-2023	73.08	26.88	10.69	0.62	2.37	6.05	7.84	2.57	34.15	0.84	0.6	0.59	0.63	0.51	3.14	102.55	27.63	87.16	161.1	0	73
04-08-2023	72.79	26.58	10.7	0.62	2.38	6.05	7.83	2.6	34.22	0.84	0.61	0.59	0.63	0.5	3.34	105.95	27.79	83.15	167	0	73
05-08-2023	68.57	22.36	10.68	0.61	2.37	6	7.92	2.56	34.12	0.84	0.6	0.6	0.62	0.5	3.41	115.65	27.87	80.69	156.2	0	69
06-08-2023	76.4	30.18	10.64	0.61	2.34	6.07	7.94	2.6	33.87	0.83	0.61	0.6	0.63	0.5	3.38	113.83	27.59	83.67	202.9	0	77
07-08-2023	90.51	44.3	10.71	0.62	2.38	6.01	7.92	2.57	34.26	0.84	0.6	0.6	0.62	0.5	4.28	96.39	28.25	81.62	203.1	0	91
08-08-2023	77.82	31.62	10.69	0.61	2.38	6.06	7.87	2.56	34.18	0.84	0.6	0.59	0.62	0.49	3.16	106.3	27.28	86.53	145.5	0	78
09-08-2023	90.55	44.34	10.67	0.61	2.36	6.06	7.91	2.54	34.04	0.84	0.61	0.6	0.62	0.5	2.41	119.79	26.49	92.06	76	0	91
10-08-2023	88.3	42.09	9.41	0.61	2.41	6.1	7.88	2.53	33.9	0.84	0.6	0.59	0.62	0.5	2.86	109.9	26.98	89.69	107.3	0	88
11-08-2023	90.98	44.77	5.19	0.61	3.3	6.99	9.77	2.25	33.86	0.83	0.6	0.59	0.63	0.5	2.96	107.91	27.36	89.03	139.4	0	91
12-08-2023	74.04	27.83	5.42	0.61	3.31	7.06	9.96	2.22	33.97	0.84	0.61	0.6	0.62	0.5	2.93	98.19	26.78	87.65	328.8	0	74
13-08-2023	83.54	31.74	5.11	0.63	3.81	6.38	8.57	2.18	33.58	0.83	0.6	0.59	0.62	0.5	2.83	103.57	27.53	86.64	114.8	0	84
14-08-2023	92.14	45.93	4.01	0.6	3.2	7.07	10.03	2.26	32.95	0.81	0.6	0.6	0.63	0.51	2.51	103.07	27.45	85.91	108.1	0	92
15-08-2023	84.13	37.92	3.91	0.61	3.3	7.04	10	2.24	33.9	0.83	0.6	0.6	0.63	0.5	2.14	83.88	27.28	84.42	165.9	0	84
16-08-2023	98.88	52.67	3.93	0.62	3.34	7.14	9.86	2.21	34.23	0.84	0.61	0.59	0.62	0.5	1.74	31.26	26.76	87.71	159.2	0	99
17-08-2023	99.61	53.41	3.88	0.6	3.26	7.03	9.83	2.22	33.54	0.83	0.6	0.59	0.62	0.5	1.36	48.61	27.26	85.65	164	0	100
18-08-2023	68.29	22.08	3.91	0.61	3.3	7.06	9.85	2.25	33.95	0.84	0.6	0.59	0.63	0.5	2.71	56.13	27.68	87.54	153.3	0	68
19-08-2023	72.22	26.11	3.9	0.61	3.3	7.07	9.94	2.24	33.77	0.83	0.6	0.6	0.63	0.51	1.81	110.71	26.52	89.15	175.1	0	72
20-08-2023	70.17	23.96	3.9	0.61	3.3	7.02	9.77	2.24	33.86	0.83	0.6	0.59	0.63	0.5	2.66	103.19	27.47	85.61	194.1	0	70
21-08-2023	66.41	20.2	3.93	0.61	3.33	6.94	9.82	2.24	34.19	0.84	0.6	0.59	0.63	0.49	2.49	135.12	26.39	92.24	75.5	0	60
22-08-2023	84.3	38.09	3.93	0.61	3.28	7.01	9.76	2.2	33.92	0.84	0.61	0.59	0.63	0.5	3.87	91.67	28.5	82.19	167.3	0	84
23-08-2023	82.85	36.63	3.93	0.61	3.31	7.11	9.85	2.24	33.66	0.83	0.6	0.59	0.62	0.5	2.97	107.44	28	82.85	165.9	0	83
24-08-2023	98.03	51.82	3.93	0.61	3.34	7.01	9.81	2.25	34.06	0.84	0.6	0.59	0.62	0.5	2.37	110.53	27.62	83.19	169.2	0	98
25-08-2023	87.77	41.57	3.94	0.61	3.29	7.07	9.88	2.24	33.92	0.84	0.6	0.59	0.62	0.51	1.67	91.44	27.65	83.15	167.5	0	90
26-08-2023	91.74	45.53	3.92	0.61	3.29	7	9.89	2.2	33.78	0.83	0.6	0.59	0.62	0.49	1.08	170.24	26.23	90.56	112.9	0	92
27-08-2023	65.04	18.83	3.91	0.61	3.3	7.05	9.89	2.31	33.94	0.84	0.6	0.59	0.62	0.5	3.39	67.61	29.36	78	271.7	0	65
28-08-2023	47.67	3.29	3.85	0.6	3.31	6.95	9.82	2.23	33.15	0.82	0.6	0.59	0.62	0.5	2.81	15.91	26.65	90.2	55.2	0	48
29-08-2023	48.73	4.65	3.91	0.61	3.32	6.98	9.79	2.22	33.96	0.84	0.6	0.59	0.62	0.49	0.74	88.43	25.89	91.35	120.1	0	49
30-08-2023	52.5	9.41	3.93	0.61	3.33	7.05	9.76	2.24	34.14	0.84	0.6	0.59	0.63	0.5	2.67	115.91	26.59	90.55	178.6	0	53
31-08-2023	66.97	20.77	3.91	0.61	3.33	7.11	9.78	2.23	33.99	0.84	0.61	0.59	0.62	0.5	2.17	96.55	27.92	86.8	154.2	0	67
Mini	47.67	3.29	3.85	0.6	2.33	5.96	7.74	2.18	32.95	0.81	0.6	0.58	0.62	0.49	0.74	15.91	25.89	78	55.2	0	48
Maxi	99.61	53.41	10.71	0.63	3.81	7.14	10.03	2.6	34.26	0.84	0.61	0.6	0.63	0.51	4.28	170.24	29.36	92.24	328.8	0	100
Average	77.92	31.82	6.25	0.61	3.02	6.69	9.16	2.35	33.88	0.83	0.60	0.59	0.62	0.50	2.64	97.06	27.37	86.33	159.35	0	77.91

**PLAMOOD (TVM) CAAQMS MONTHLY DATA AND AQI AUGUST 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
01-08-2023 Tue	0.32	11.6	0.7	9.2	9.9	2.4	8.4	10	24	25.9	71	2.0	63	174	751	0.0	24.0
02-08-2023 Wed	0.57	12.1	0.7	9.2	9.9	2.4	9.2	8	21	25.8	72	2.0	60	169	752	0.0	29.0
03-08-2023 Thu	0.31	12.3	0.7	9.2	9.9	2.4	7.4	9	22	26.0	72	2.2	62	164	751	0.0	22.0
04-08-2023 Fri	0.43	12.5	0.7	9.2	9.9	2.4	9.0	6	15	26.1	70	2.0	62	156	752	0.0	21.0
05-08-2023 Sat	0.60	10.7	0.7	9.2	9.9	2.4	7.7	8	20	26.2	67	2.1	68	173	753	0.0	24.0
06-08-2023 Sun	0.29	10.2	0.7	9.2	9.9	2.4	8.2	9	21	26.0	70	2.1	66	155	752	0.0	21.0
07-08-2023 Mon	0.54	10.8	0.7	9.2	9.9	2.4	8.0	10	25	25.8	72	2.0	64	158	751	0.0	25.0
08-08-2023 Tue	0.57	9.8	0.7	9.2	9.9	2.4	8.8	11	26	25.7	72	1.8	65	156	751	0.0	26.0
09-08-2023 Wed	0.58	9.0	0.7	9.2	9.9	2.4	8.2	12	29	25.6	72	1.6	69	144	752	0.0	29.0
10-08-2023 Thu	0.38	9.2	0.7	9.2	9.9	2.4	9.5	15	34	25.4	74	1.6	66	143	752	0.0	34.0
11-08-2023 Fri	0.36	10.3	0.7	9.2	9.9	2.4	7.4	13	30	25.7	73	1.8	63	158	751	0.0	30.0
12-08-2023 Sat	0.31	12.2	0.7	9.2	9.9	2.4	8.8	11	25	25.8	71	1.9	65	182	751	0.0	25.0
13-08-2023 Sun	0.27	9.3	0.7	9.2	9.9	2.4	7.7	12	28	25.7	71	1.8	65	156	751	0.0	28.0
14-08-2023 Mon	0.51	10.1	0.7	9.2	9.9	2.4	9.9	14	32	25.5	73	1.7	62	169	751	0.0	32.0
15-08-2023 Tue	0.31	10.5	0.7	9.2	9.9	2.4	9.1	13	31	25.6	71	1.5	62	187	752	0.0	31.0
16-08-2023 Wed	0.68	12.2	0.7	9.2	9.9	2.4	9.0	19	41	25.3	73	1.3	64	187	752	0.0	41.0
17-08-2023 Thu	0.62	11.9	0.7	9.2	9.9	2.4	9.5	10	21	25.8	71	1.6	60	187	752	0.0	27.0
18-08-2023 Fri	0.55	11.9	0.7	9.2	9.9	2.4	6.8	5	14	25.8	74	1.6	53	169	751	0.0	28.0
19-08-2023 Sat	0.45	12.2	0.7	9.2	9.9	2.4	8.5	6	14	25.6	72	1.9	64	187	751	24.0	23.0
20-08-2023 Sun	0.29	10.3	0.7	9.2	9.9	2.4	6.8	7	18	25.8	71	1.9	64	185	750	0.0	18.0
21-08-2023 Mon	0.55	11.3	0.7	9.2	9.9	2.4	10.5	9	22	26.0	70	2.0	65	190	750	0.0	28.0
22-08-2023 Tue	0.50	9.8	0.7	9.2	9.9	2.4	8.4	9	22	26.2	70	2.0	66	205	749	0.0	25.0
23-08-2023 Wed	0.65	12.1	0.7	9.2	9.9	2.4	8.1	9	21	26.1	70	1.9	62	191	751	0.0	32.0
24-08-2023 Thu	0.36	12.0	0.7	9.2	9.9	2.4	7.0	11	25	25.9	68	1.8	65	211	750	0.0	25.0
25-08-2023 Fri	0.34	15.2	0.7	9.2	9.9	2.4	9.2	11	27	25.9	69	1.6	65	207	750	0.0	27.0
26-08-2023 Sat	0.32	12.0	0.7	9.2	9.9	2.4	8.8	8	20	26.1	69	1.4	66	212	751	0.0	20.0
27-08-2023 Sun	0.30	13.4	0.7	9.2	9.9	2.4	8.2	7	17	26.2	71	1.7	65	198	752	0.0	17.0
28-08-2023 Mon	0.27	10.2	0.7	9.2	9.9	2.4	8.3	5	12	26.1	71	1.7	58	201	751	10.0	14.0
29-08-2023 Tue	0.24	12.2	0.7	9.2	9.9	2.4	6.5	4	9	24.9	74	1.6	66	150	750	4.0	12.0
30-08-2023 Wed	0.39	13.1	0.7	9.2	9.9	2.4	9.2	4	10	25.0	74	1.7	69	162	750	0.0	20.0
31-08-2023 Thu	0.28	13.0	0.7	9.2	9.9	2.4	8.6	5	13	25.7	74	1.4	58	158	752	0.0	14.0
Average	0.42	11.4	0.7	9.2	9.9	2.4	8.4	9	22	25.8	71	1.8	64	175	751	1.2	25.0
Minimum	0.24	9.0	0.7	9.2	9.9	2.4	6.5	4	9	24.9	67	1.3	53	143	749	0.0	12.0
Maximum	0.68	15.2	0.7	9.2	9.9	2.4	10.5	19	41	26.2	74	2.2	69	212	753	24.0	41.0

**THRISSUR CAAQMS MONTHLY DATA AND AQI AUGUST 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>	mm	
01-08-2023	54.25	27.8	4.22	0.55	4.86	12.35	32	5.01	38.98	0.96	1.46	0	0	0	2.56	257.87	27.45	85.75	288.36	0	54
02-08-2023	64.23	37.78	4.2	0.63	4.82	12.28	31.93	4.96	38.75	0.96	1.46	0	0	0	2.19	254.4	27.48	85.08	288.76	0	64
03-08-2023	39.14	19.43	4.18	0.52	4.78	12.2	32.04	5.04	38.53	0.96	1.45	0	0	0	2.58	254.52	27.7	84.87	291.61	0	39
04-08-2023	8.25	0	4.18	0.8	4.77	12.25	32.03	4.97	38.48	0.96	1.45	0	0	0	2.13	254.06	27.28	86.27	286.15	0	40
05-08-2023	9.73	0	4.17	0.43	4.77	12.23	31.89	5.02	38.46	0.96	1.45	0	0	0	2.23	256.45	27.33	84.01	286.72	0	38
06-08-2023	8.5	0	4.17	0.41	4.76	12.25	32.09	4.97	38.39	0.96	1.45	0	0	0	2.4	254.58	27.67	83.56	291.3	0	38
07-08-2023	8.77	0	4.17	0.43	4.77	12.28	32.07	5.01	38.43	0.96	1.46	0	0	0	2.44	254.09	28.01	80.73	295.75	0	38
08-08-2023	34.1	3.99	4.18	0.57	4.79	12.25	31.98	4.98	38.58	0.96	1.45	0	0	0	2.09	253.59	27.53	84.75	289.42	0	39
09-08-2023	68.16	9.41	4.19	0.52	4.79	12.28	32.04	4.97	38.59	0.96	1.46	0	0	0	2.09	253.23	27.76	82.11	292.49	0	68
10-08-2023	67.35	10.33	4.18	0.86	4.71	11.98	30.66	4.81	38.47	0.96	1.45	0	0	0	2.21	253.61	28.02	81.99	295.87	0	67
11-08-2023	58.66	30.71	4.21	0.56	3.83	7.81	10.37	2.98	38.88	0.96	1.45	0	0	0	2.68	253.48	28.46	80.05	301.72	0	59
12-08-2023	57.88	30.36	4.17	0.58	3.77	7.94	10.48	3.02	38.42	0.96	1.46	0	0	0	2.84	253.61	28.19	80.77	298.15	0	58
13-08-2023	58.47	30.63	4.2	0.55	3.82	7.84	10.55	2.96	38.77	0.96	1.45	0	0	0	2.46	253.05	27.87	81.04	293.9	0	58
14-08-2023	57.85	30.35	4.17	0.6	3.77	7.9	10.52	3	38.4	0.96	1.46	0	0	0	2.17	252.24	27.51	80.94	289.13	0	58
15-08-2023	58.32	30.56	4.19	0.53	3.81	7.82	10.55	3.01	38.68	0.96	1.45	0	0	0	1.97	252.28	27.44	78.02	288.23	0	58
16-08-2023	57.88	30.36	4.17	0.6	3.77	7.91	10.47	2.99	38.42	0.96	1.46	0	0	0	1.64	252.32	27.35	80.95	286.99	0	58
17-08-2023	58.26	30.53	4.19	0.41	3.8	7.92	10.44	2.97	38.64	0.96	1.46	0	0	0	1.87	252.74	27.89	79.02	294.16	0	58
18-08-2023	58.29	30.55	4.19	0.69	3.8	7.93	10.45	2.98	38.66	0.96	1.46	0	0	0	1.72	252.72	27.28	82.09	286.11	0	58
19-08-2023	58.34	30.57	4.19	0.83	3.81	7.97	10.51	3	38.69	0.96	1.46	0	0	0	1.69	253.32	26.4	86.98	274.46	0	58
20-08-2023	58.6	30.69	4.21	0.39	3.83	7.97	10.69	2.99	38.84	0.96	1.46	0	0	0	2.11	252.11	27.66	81.25	291.09	0	59
21-08-2023	58.06	30.44	4.18	0.67	3.79	7.93	10.5	2.97	38.53	0.96	1.46	0	0	0	2.36	251.79	28.21	80.13	298.35	0	58
22-08-2023	58.49	30.64	4.2	0.57	3.82	7.93	10.46	2.96	38.78	0.96	1.46	0	0	0	2.37	251.6	28.57	78.52	303.06	0	58
23-08-2023	58.05	30.44	4.18	0.45	3.79	7.95	10.59	2.99	38.52	0.96	1.46	0	0	0	2.34	251.55	28.82	76.38	306.4	0	58
24-08-2023	57.84	30.34	4.17	0.69	3.77	7.82	10.28	2.97	38.4	0.96	1.45	0	0	0	1.94	251.93	27.74	79.21	292.11	0	58
25-08-2023	58.42	30.61	4.2	0.73	3.81	7.88	10.56	2.99	38.74	0.96	1.45	0	0	0	1.74	251.81	27.8	79.74	292.94	0	58
26-08-2023	57.62	30.24	4.16	0.82	3.76	7.97	10.59	3	38.27	0.96	1.46	0	0	0	1.62	251.76	27.86	81.32	293.79	0	58
27-08-2023	58.37	30.58	4.2	0.72	3.81	8.03	10.37	2.97	38.71	0.96	1.46	0	0	0	1.71	251.58	27.92	80.78	294.57	0	58
28-08-2023	58.88	30.82	4.22	0.66	3.85	7.89	10.56	3	39.01	0.96	1.46	0	0	0	1.68	252.11	27.89	79.18	294.1	0	59
29-08-2023	58.49	30.64	4.2	0.39	3.82	7.92	10.39	2.97	38.78	0.96	1.46	0	0	0	2.47	251.54	28.02	78.45	295.82	0	58
30-08-2023	58.26	30.53	4.19	0.39	3.8	7.91	10.36	3	38.65	0.96	1.46	0	0	0	2.16	251.34	28.67	79.77	304.42	0	58
31-08-2023	58.11	30.47	4.18	0.44	3.79	7.84	10.48	2.98	38.56	0.96	1.45	0	0	0	1.95	251.45	28.64	80.01	304.09	0	58
Mini	8.25	0	4.16	0.39	3.76	7.81	10.28	2.96	38.27	0.96	1.45	0	0	0	1.62	251.34	26.4	76.38	274.46	0	38
Maxi	68.16	37.78	4.22	0.86	4.86	12.35	32.09	5.04	39.01	0.96	1.46	0.00	0.00	0.00	2.84	257.87	28.82	86.98	306.40	0.00	68.00
Average	50.36	23.87	4.19	0.58	4.13	9.35	17.61	3.65	38.61	0.96	1.46	0.00	0.00	0.00	2.15	253.09	27.81	81.43	293.06	0.00	54.91

**YTTILA (EKM) CAAQMS MONTHLY DATA AND AQI AUGUST 2023**

Parameters	PM10	PM2.5	SO2	NH3	NO	NO2	NOx	CO	O3	WS	WD	Temp	RH	TRF	SR	Ben	Tolu	E-ben	M&P-Xyl	O-Xyl	AQI
	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	
01-08-2023	63.93	12.12	1.37	8.12	6.54	0.5	5.52	1.6	0	0.77	10.56	27.8	78.48	0	250.6	0	0	0	0	0	80
02-08-2023	56	19.79	1.46	8.43	5.04	1.08	4.63	1.64	0	0.54	10.43	28.2	76.3	0	250.9	0	0	0	0	0	82
03-08-2023	75.42	20	1.37	8.27	5.83	1.2	5.33	1.63	0	0.63	10.34	28.2	77.05	0	254.4	0	0	0	0	0	82
04-08-2023	65.26	12.3	0.89	7.93	7.16	0.86	6.2	1.61	0	0.71	10.35	28.3	76.46	9.8	251.8	0	0	0	0	0	81
05-08-2023	71.53	16.07	0.5	8.06	6.94	1.63	6.45	1.63	0	0.75	10.1	27.8	75.15	11.8	255.9	0	0	0	0	0	82
06-08-2023	48.41	11.83	0.6	7.91	6.95	0.97	6.12	1.58	0	0.81	10.36	27.9	77.04	15.4	249.6	0	0	0	0	0	79
07-08-2023	63.27	15.92	0.67	8.88	3.66	1.35	3.66	1.61	0	0.8	10.24	28.3	75.18	0	250.7	0	0	0	0	0	81
08-08-2023	54.27	16.04	0.76	8.03	6.41	1.57	6	1.64	0	0.64	10.57	27.8	76.88	1.6	257.2	0	0	0	0	0	82
09-08-2023	65.21	18.5	8.28	7.89	8.47	2.55	8.16	1.41	0	0.84	11.54	27	74.38	29	244.3	0	0	0	0	0	71
10-08-2023	50.15	17.45	16.3	8.32	9	1.1	7.84	1.35	0	0.93	13.18	27.3	76.59	9.5	250.5	0	0	0	0	0	68
11-08-2023	45.63	14.25	3.83	8.35	5.33	1.36	5.01	1.5	0	0.81	11.99	28.2	77.49	6.8	251	0	0	0	0	0	75
12-08-2023	67.78	18.9	9.51	8.33	6.06	0.75	5.29	1.43	0	0.8	10.71	27.9	77.16	0.2	251	0	0	0	0	0	72
13-08-2023	55.04	15.88	4.21	8.58	4.67	0.52	4.01	1.64	Invid	0.81	10.64	28.1	75.64	0	246.3	0	0	0	0	0	82
14-08-2023	67.26	18.33	2.99	8.63	4.88	1.39	4.58	1.58	0	0.7	10.49	28.1	73.86	0	259.8	0	0	0	0	0	82
15-08-2023	63.89	22.21	1.56	8.11	7.47	0.98	6.45	1.36	0	0.57	10.04	27.9	73.39	0	261.3	0	0	0	0	0	70
16-08-2023	91.12	35.34	3.71	7.55	7.36	2.45	7.13	1.41	0	0.5	9.92	27.8	73.51	0	253.6	0	0	0	0	0	91
17-08-2023	72.7	19.82	3.86	7.91	5.99	1.68	5.68	1.38	0	0.47	9.94	28.3	73.66	0	248.6	0	0	0	0	0	73
18-08-2023	61.26	22.82	8.81	8.33	5.77	1.57	5.47	1.34	0	0.51	9.22	27.5	78.67	30.6	258.1	0	0	0	0	0	67
19-08-2023	67.72	17.51	2.13	7.02	8.79	1.89	8.09	1.25	0	0.54	8.84	27	77.15	7.2	249.9	0	0	0	0	0	68
20-08-2023	56.04	16.91	0	6.98	8.52	1.41	7.6	1.22	0	0.63	8.99	28	73.61	0	247.3	0	0	0	0	0	61
21-08-2023	56.38	20.55	0	8.63	3.58	0.73	3.26	1.19	0	0.76	8.88	28.4	71.02	0	248.5	0	0	0	0	0	60
22-08-2023	34.92	9.46	Zero	9.45	1.32	1.21	1.53	1.48	0	0.85	8.81	28.8	70.65	0	253.9	0	0	0	0	0	74
23-08-2023	81.97	17.42	0.06	8.94	2.81	1.71	3.12	1.61	0	0.72	8.48	28.7	70.88	0	255.7	0	0	0	0	0	82
24-08-2023	48.69	18.21	0.16	8.09	4.67	2.16	4.89	1.43	0	0.73	7.94	28.2	70.3	0	250.8	0	0	0	0	0	72
25-08-2023	55.99	18.45	0.31	7.85	4.92	3.42	5.75	1.47	0	0.56	7.32	28.2	70.3	0	256.9	0	0	0	0	0	74
26-08-2023	91.94	22.1	0.16	7.54	6.13	2.78	6.41	1.47	0	0.52	6.96	28.4	71.47	0	254	0	0	0	0	0	92
27-08-2023	78.44	28.5	0.35	8.23	4.19	1.44	4.13	1.44	0	0.54	6.51	28.8	72.06	0	249	0	0	0	0	0	78
28-08-2023	56	24.34	0.24	8.29	3.68	2.05	4.04	1.41	0	0.53	6.16	28.6	59.65	61	248.3	0	0	0	0	0	71
29-08-2023	56	4.12	0.23	8.3	4.3	0.8	3.85	1.32	0	0.68	5.89	27.8	76.45	0	254.9	0	0	0	0	0	66
30-08-2023	63.79	8.13	0.33	7.86	5.58	1.01	5.01	1.38	0	0.56	5.68	26.6	82.82	493	253.4	0	0	0	0	0	69
31-08-2023	89.59	19.51	0.05	8.16	4.87	1.55	4.74	1.45	0	0.6	5.55	28.5	58.92	0	253.1	0	0	0	0	0	90
Min	34.92	4.12	0.05	6.98	1.32	0.5	1.53	1.19	0	0.47	5.55	26.6	58.92	0	244.3	0	0	0	0	0	60
Maxi	91.94	35.34	8850	9.45	9	3.42	8.16	1.64	0	0.93	13.18	28.8	82.82	493	261.3	0	0	0	0	0	92
Average	63.73	17.83	547	8.16	5.71	1.47	5.35	1.47	0	0.67	9.25	28	73.94	676	252.3	0	0	0	0	0	76