

MONTHLY DATA PLAMOOD STATION 2023 DECEMBER

Date/Day	CO (mg/m ³)	Ozone (µg/m ³)	NO (µg/m ³)	NO2 (µg/m ³)	NOX (µg/m ³)	NH3 (µg/m ³)	SO2 (µg/m ³)	PM2.5 (µg/m ³)	PM10 (µg/m ³)
01-12-2023 Fri	0.64	12.7	5.8	11.5	17.4	8.9	9.1	11	27
02-12-2023 Sat	0.50	13.4	5.9	11.5	17.4	8.9	7.8	9	22
03-12-2023 Sun	0.42	16.7	5.8	11.7	17.5	8.8	7.7	12	21
04-12-2023 Mon	0.73	18.6	5.9	11.5	17.4	8.8	7.5	11	22
05-12-2023 Tue	0.69	15.8	5.9	11.6	17.5	8.8	7.7	14	33
06-12-2023 Wed	1.07	18.0	5.9	11.6	17.5	8.9	8.8	19	42
07-12-2023 Thu	0.78	15.3	5.6	11.5	17.1	8.9	7.8	16	37
08-12-2023 Fri	0.47	12.3	5.8	11.5	17.3	8.9	8.8	11	33
09-12-2023 Sat	0.44	13.2	5.9	11.6	17.5	8.9	8.0	17	41
10-12-2023 Sun	0.56	16.1	5.9	11.6	17.5	8.8	7.2	31	60
11-12-2023 Mon	0.74	15.4	5.9	11.5	17.4	8.9	10.2	26	50
12-12-2023 Tue	0.97	19.1	5.9	11.6	17.5	8.8	9.9	25	49
13-12-2023 Wed	0.87	18.8	5.9	11.6	17.5	8.8	8.3	41	69
14-12-2023 Thu	0.76	18.3	5.8	11.6	17.4	8.8	8.7	44	74
15-12-2023 Fri	0.63	15.6	5.9	11.6	17.5	8.8	8.1	41	72
16-12-2023 Sat	1.04	13.1	5.9	11.5	17.3	8.8	7.5	52	88
17-12-2023 Sun	0.69	12.5	5.8	11.5	17.3	8.8	7.3	17	29
18-12-2023 Mon	0.78	14.7	5.8	11.5	17.3	8.8	8.5	8	20
19-12-2023 Tue	0.90	16.2	5.8	11.4	17.2	8.8	9.1	19	38
20-12-2023 Wed	0.84	15.8	5.8	11.4	17.2	8.8	8.8	31	58
21-12-2023 Thu	0.93	13.8	5.8	11.4	17.3	8.7	9.0	30	48
22-12-2023 Fri	0.66	13.8	5.9	11.5	17.5	8.6	7.6	36	61
23-12-2023 Sat	0.66	15.3	5.7	11.3	17.1	8.7	8.9	55	84
24-12-2023 Sun	0.60	16.2	6.1	11.2	17.3	8.4	8.8	54	73
25-12-2023 Mon	0.52	14.0	6.8	10.0	16.9	7.5	10.0	31	50
26-12-2023 Tue	0.75	16.3	6.6	10.3	16.9	7.7	8.7	21	41
27-12-2023 Wed	0.83	15.8	5.8	11.6	17.5	8.9	8.1	27	51
28-12-2023 Thu	0.89	13.6	5.8	11.5	17.3	8.9	9.2	28	52
29-12-2023 Fri	0.50	14.5	5.8	11.4	17.2	8.8	8.3	16	34
30-12-2023 Sat	0.59	12.3	5.9	11.6	17.5	8.9	8.2	24	45
31-12-2023 Sun	-	-	-	-	-	-	-	-	-
Average	0.63	15.6	1.6	8.8	10.4	5.4	8.7	19	36
Minimum	0.23	7.7	0.5	4.4	7.0	2.2	4.6	0	6

MONTHLY DATA AND AQI KARYAVATTAM CAAQMS DECEMBER 2023

PARAMETER	PM10	PM2.5	SO2	CO_A	NO_A	NO2	NOX	NH3	O3_A	BEN	TOL	ETHY	MP	OXY	WS_A	WD_A	TC_A	RH_AQ	SR_A	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	
01.12.2023 - 05.12.2023 CAAQMS UNDER MAINTENANCE REPORTED AT HO KSPCB																					
06-12-2023	52.45	23.46	3.05	0.81	2.89	6.85	10.6	2.89	25.54	0	0	0	0	0	30.5	88.22	0.47	49.61	102	0	52
07-12-2023	56.11	25.7	2.87	0.63	2.91	6.87	10.4	2.91	23.53	0	0	0	0	0	30.6	85.64	0.38	29.45	103	0.1	56
08-12-2023	58.03	25.85	4.13	0.53	2.91	6.88	10.4	2.91	28.14	0	0	0	0	0	30.4	87.9	0.4	14.62	100	0.3	58
09-12-2023	55.03	23.28	8.28	0.68	2.87	6.81	10.3	2.87	33.07	0	0	0	0	0	30.3	91.17	0.47	288.64	98.7	0	55
10-12-2023	54.96	23.25	7.86	0.5	2.86	6.86	10.3	2.86	33.03	0	0	0	0	0	30.2	89.8	0.43	24.74	97.4	0	55
11-12-2023	55.34	23.41	9.04	0.56	2.88	6.93	10.5	2.88	33.26	0	0	0	0	0	31	83.74	0.15	349.64	108	0	55
12-12-2023	55.19	23.35	8.03	0.56	2.88	6.82	10.5	2.88	33.17	0	0	0	0	0	30.5	87.66	0.11	14.2	101	0	55
13-12-2023	55.85	23.64	7.8	0.56	2.91	6.83	10.4	2.91	33.58	0	0	0	0	0	30.2	82.55	0.42	6.44	97.7	0	56
14-12-2023	55.45	23.46	7.31	0.54	2.89	6.89	10.2	2.89	33.32	0	0	0	0	0	30.5	78.45	0.23	25.54	100	0	55
15-12-2023	55.41	23.45	7.55	0.52	2.89	6.83	10.4	2.89	33.31	0	0	0	0	0	30.2	85.47	0.34	43.82	97.2	0	55
16-12-2023	55.45	23.46	7.87	0.58	2.89	6.85	10.4	2.89	33.33	0	0	0	0	0	28.5	93.51	0.52	354.63	76.2	0	55
17-12-2023	55.3	23.4	8.1	0.46	2.88	6.78	10.3	2.88	33.24	0	0	0	0	0	26.2	102.4	0.4	296.8	46.1	0.4	55
18-12-2023	47.26	21.59	7.17	0.65	2.89	6.99	10.3	2.89	30.71	0	0	0	0	0	29.1	80.97	0.36	281.39	83.3	0	47
19-12-2023	36.25	18.89	7.3	0.55	2.86	7.17	10.4	2.86	26.94	0	0	0	0	0	30.3	74.87	0.11	38.19	98.5	0	36
20-12-2023	50.18	26.87	6.95	0.63	2.93	7.12	10.4	2.93	27.68	0	0	0	0	0	30.4	78.27	0.12	358	100	0	50
21-12-2023	68.87	37.57	7.68	0.59	3.02	7.19	10.5	3.02	28.56	0	0	0	0	0	30.4	78.81	0.28	315.71	100	0	69
22-12-2023	68.94	37.61	7.72	0.61	3.03	7.18	10.4	3.03	28.59	0	0	0	0	0	30.3	81.91	0.26	14.26	99.4	0	69
23-12-2023	68.99	37.64	6.96	0.61	3.03	7.12	10.4	3.03	28.61	0	0	0	0	0	29.7	79.95	0.37	16.01	91.4	0	69
24-12-2023	68.39	37.31	7.34	0.43	3	7.13	10.4	3	28.36	0	0	0	0	0	29.8	78.78	0.42	28.14	92.6	0	68
25-12-2023	67.95	37.05	6.74	0.52	2.98	7.13	10.5	2.98	28.18	0	0	0	0	0	30.4	77.3	0.36	1.01	100	0	68
26-12-2023	68.71	37.48	8.12	0.5	3.02	7.09	10.3	3.02	28.49	0	0	0	0	0	30.7	67.49	0.44	294.37	104	0	69
27-12-2023	68.57	37.4	6.66	0.51	3.01	7.12	10.4	3.01	28.43	0	0	0	0	0	30.4	72.93	0.23	18.88	99.9	0	69
28-12-2023	69.48	37.96	7.13	0.59	3.01	7.13	10.5	3.01	28.45	0	0	0	0	0	31	77.82	0.28	359.92	108	0	69
29-12-2023	71.87	39.38	6.71	0.45	3.05	7.19	10.4	3.05	28.85	0	0	0	0	0	32	70.44	0.48	298.02	121	0	72
30-12-2023	70.81	38.78	6.36	0.46	3.01	7.13	10.3	3.01	28.43	0	0	0	0	0	31.2	74.48	0.32	50.07	111	0	71
31-12-2023	71.56	39.22	6.84	0.47	3.04	7.1	10.4	3.04	28.72	0	0	0	0	0	31.1	77.18	0.32	30.89	110	0	72
Minimum	36.25	18.89	2.87	0.43	2.86	6.78	10.2	2.86	23.53	0	0	0	0	0	26.2	67.49	0.11	1.01	46.1	0	36
Maximum	71.87	39.38	9.04	0.81	3.05	7.19	10.6	3.05	33.58	0	0	0	0	0	32	102.4	0.52	359.92	121	0.4	72
Average	59.66	29.60	6.91	0.56	2.94	7.00	10.40	2.94	29.74	0	0	0	0	0	30.14	82.06	0.33	141.57	97	0.04	59.57

CAAQMS MONTHLY DATA -KOLLAM-DECEMBER 2023

PARAMETER	PM10	PM2.5	SO2	CO_A	NO_A	NO2	NOX	NH3_A	O3_A	BEN	TOLU	ETHYL	MP_A	OXY	WS	WD_A	TC_AC	RH_A	SR_AC	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	
01-12-2023	45.48	22.98	1.84	0.39	2.3	6.76	9.82	2.85	32.4	0.84	0.61	0.59	0.63	0.5	0.2	7.34	27.39	87.4	123	0	45
02-12-2023	27.73	5.49	1.21	0.24	2.28	6.66	9.88	2.84	32.7	0.84	0.59	0.59	0.62	0.5	2	314	27.7	87.9	148.1	0	33
03-12-2023	32.54	10.07	1.87	0.43	2.29	6.68	9.78	2.84	32.4	0.83	0.6	0.59	0.62	0.5	0.4	38.9	27.4	88	127.5	0	33
04-12-2023	42.38	19.88	3.71	0.38	2.27	6.69	9.83	2.86	32.7	0.83	0.61	0.6	0.62	0.5	1.2	20.8	27.65	92	144.2	0	42
05-12-2023	36.14	13.73	1.73	0.5	2.3	6.69	9.87	2.84	33.2	0.83	0.61	0.6	0.63	0.5	1	74.6	28.22	86.3	131.6	0	36
06-12-2023	61.89	39.39	2.68	0.5	2.28	6.71	9.83	2.82	32.8	0.84	0.6	0.6	0.62	0.5	0.5	336	27.79	86.9	130.3	0	66
07-12-2023	73.5	50.99	2.3	0.43	2.27	6.63	9.92	2.81	32.7	0.85	0.6	0.59	0.63	0.5	0.4	347	27.69	87.4	131.5	0	85
08-12-2023	46.86	24.35	3.08	0.33	2.31	6.69	9.85	2.81	32.9	0.84	0.6	0.59	0.63	0.5	1	283	27.87	88.3	145.2	0	47
09-12-2023	48.48	25.99	5.53	0.58	2.26	6.76	9.86	2.83	32	0.84	0.6	0.59	0.63	0.5	1.1	213	26.96	93.4	74.6	0	48
10-12-2023	43.46	20.97	2.18	0.44	2.27	6.66	9.81	2.84	33	0.84	0.6	0.59	0.63	0.5	0.8	212	27.96	83.6	109.4	0	43
11-12-2023	43.13	20.63	1.37	0.4	2.28	6.67	9.78	2.86	33.5	0.84	0.6	0.6	0.62	0.5	1.6	181	28.45	76.6	113	0	43
12-12-2023	41.38	18.89	2.59	0.36	2.28	6.65	9.82	2.84	33.3	0.84	0.6	0.59	0.63	0.5	1	238	28.26	76.7	125	0	41
13-12-2023	104.88	82.31	2.36	0.35	2.29	6.68	9.82	2.83	32.7	0.84	0.61	0.59	0.62	0.5	2.9	214	27.68	70.8	116	0	174
14-12-2023	78.65	58.23	2.43	0.37	2.28	6.7	9.86	2.8	33.5	0.84	0.61	0.59	0.62	0.49	1.4	208	28.45	64.9	135.2	0	97
15-12-2023	113.95	91.41	1.26	0.49	2.29	6.66	9.83	2.82	34.3	0.84	0.6	0.59	0.62	0.51	1	240	29.28	70.9	109.3	0	205
16-12-2023	148.09	125.58	4.81	0.52	2.27	6.62	9.87	2.83	31.5	0.83	0.6	0.59	0.62	0.5	2.1	213	26.54	77.8	73.3	0	304
17-12-2023	46.3	23.81	1.1	0.53	2.26	6.66	9.79	2.85	28.8	0.83	0.6	0.59	0.63	0.5	1.4	211	23.83	100	138	0	46
18-12-2023	47.25	25.78	4.51	0.34	2.27	6.69	9.85	2.82	30.3	0.83	0.6	0.59	0.62	0.5	3.8	219	25.25	82.9	152.8	0	47
19-12-2023	82.97	60.47	1.89	0.3	2.26	6.63	9.92	2.86	32.7	0.84	0.6	0.6	0.62	0.5	4.9	221	27.7	67	128.8	0	102
20-12-2023	86.74	64.24	2.14	0.32	2.24	6.7	9.83	2.85	33.3	0.84	0.6	0.59	0.62	0.5	4.5	222	28.33	67.7	118.8	0	114
21-12-2023	66.56	44.06	2.42	0.33	2.27	6.67	9.83	2.84	33.3	0.84	0.6	0.59	0.63	0.5	3.9	217	28.31	70.5	110.6	0	7
22-12-2023	93.97	71.48	4.38	0.44	2.3	6.71	9.82	2.86	32.6	0.84	0.61	0.59	0.63	0.5	1.5	208	27.57	77.2	135.2	0	138
23-12-2023	144.73	122.23	1.75	0.74	2.28	6.56	9.91	2.89	34.1	0.83	0.59	0.6	0.63	0.5	1.4	237	29.08	63.3	134.1	0	302
24-12-2023	104.97	82.47	2.49	0.36	2.29	6.69	9.87	2.86	33	0.84	0.6	0.59	0.63	0.5	3.3	207	27.96	67.3	118.3	0	175
25-12-2023	65.67	43.17	1.58	0.33	2.28	6.71	9.82	2.85	34.2	0.84	0.61	0.59	0.63	0.5	3.5	218	29.17	63.8	120.7	0	72
26-12-2023	69.63	47.13	4.37	0.32	2.31	6.64	9.87	2.87	33.6	0.85	0.6	0.59	0.63	0.5	4	220	28.55	61.1	113.6	0	79
27-12-2023	71.61	49.63	3.74	0.33	2.28	6.66	9.89	2.79	33.7	0.84	0.6	0.59	0.61	0.5	3.2	212	28.7	62.2	118.3	0	83
28-12-2023	72.06	49.56	1.9	0.27	2.3	6.68	9.85	2.89	34.2	0.84	0.6	0.59	0.63	0.5	4.1	217	29.23	65.7	128	0	83
29-12-2023	64.63	42.12	4.09	0.24	2.28	6.64	9.89	2.82	34.1	0.84	0.6	0.59	0.62	0.5	4.7	221	29.09	64.8	111.7	0	70
30-12-2023	61.9	39.4	2.47	0.31	2.28	6.75	9.77	2.84	34.1	0.84	0.61	0.59	0.62	0.5	3.7	217	29.08	63.5	123.6	0	66
31-12-2023	64.71	42.2	1.91	0.31	2.28	6.68	9.78	2.84	33.8	0.83	0.6	0.59	0.62	0.49	2.3	218	28.79	64.1	125.5	0	70
Minimum /r	27.73	5.49	1.1	0.24	2.24	6.56	9.77	2.79	28.8	0.83	0.59	0.59	0.61	0.49	0.2	7.34	23.83	61.1	73.3	0	7
Maximum /r	148.09	125.58	5.53	0.74	2.31	6.76	9.92	2.89	34.3	0.85	0.61	0.6	0.63	0.51	4.9	347	29.28	100	152.8	0	304
Average/res	69.94	47.57	2.68	0.40	2.28	6.68	9.84	2.84	33	0.84	0.60	0.59	0.62	0.50	2	205	27.85	76.41	122	0.00	94.15

ELOOR CAAQMS DECEMBER MONTHLY DATA 2023

PARAMETERS	PM10_	PM2.5	SO ₂ _A	CO_A	NO_A	NO ₂ _A	NOx_AQ	NH ₃ _A	O ₃ _AQ	WS_A	WD_AQ	TC_AQ	RH_AQ	RG_A	AQI
UNIT	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	m/s	degre-----	degreC	%	m m	
01-12-2023	45.17	19.78	3.45	0.97	3.78	4.37	12.08	2.56	27.96	0.86	198.73	31.45	90.45	0	49
02-12-2023	46.78	21.32	4.63	0.81	4.51	4.67	9.6	4.78	21.68	0.75	142.56	30.45	90.72	0.1	47
03-12-2023	51.78	23.89	4.12	0.73	4.83	4.76	8.47	3.58	23.86	0.82	163.25	30.45	90.32	1.2	52
04-12-2023	49.07	20.36	5.71	0.84	3.75	4.31	9.56	3.79	23.41	0.75	123.86	31.89	90.21	0	49
05-12-2023	27.99	12.76	8.91	0.69	3.02	4.27	6.73	0.99	31.87	0.34	268.88	35.63	90.72	0	35
06-12-2023	27.42	12.19	4.15	0.71	3.04	4.22	6.87	0.97	5.05	0.71	90.78	32.57	98.29	0	36
07-12-2023	33.18	17.95	4.14	0.79	3.04	4.25	6.59	0.96	23.46	0.25	240.34	33.06	95.26	0	40
08-12-2023	27.45	12.22	3.91	0.77	2.97	4.28	6.8	0.96	27.59	0.06	65.72	33.03	80.05	0	39
09-12-2023	27.31	12.08	3.92	0.65	2.99	4.25	6.94	0.96	26.08	0.27	315.82	30.76	96.34	2.3	33
10-12-2023	26.86	11.63	3.94	0.74	3.01	4.26	6.83	0.96	22.95	0.04	14.31	31.54	93.33	0	37
11-12-2023	25.91	10.68	3.92	0.58	2.98	4.28	6.8	0.95	18.83	0.3	357.89	31.57	93.69	0	29
12-12-2023	26.52	11.29	3.91	0.79	2.97	4.3	6.77	0.96	25.44	0.22	105.67	31.55	89.84	0	40
13-12-2023	26.57	11.34	3.99	0.74	3.03	4.34	6.74	0.96	16.19	0.58	62.86	29.53	90.59	0	37
14-12-2023	26.26	11.03	1.81	0.58	2.98	4.23	7	0.97	35.72	0.14	30.75	32.35	65.21	0	36
15-12-2023	24.74	9.51	1.39	0.56	2.98	4.35	6.87	0.96	15.21	0.53	46.88	28.69	93.08	0	28
16-12-2023	34.13	18.9	1.76	0.58	2.96	4.29	6.83	0.97	36.77	0.23	265.53	32.45	86.16	0	37
17-12-2023	27.85	12.62	3.96	0.7	3.02	4.3	6.81	0.96	14.02	0.47	47.1	30.35	94.24	0	35
18-12-2023	26.93	11.7	3.89	0.73	2.98	4.23	6.82	0.96	14.03	0.59	27.79	29.9	92.22	0	37
19-12-2023	25.89	10.66	3.92	0.62	2.99	4.27	6.85	0.96	29.61	0.51	43.14	32.09	77.9	0	31
20-12-2023	25.75	10.52	3.96	0.65	3.03	4.32	6.72	0.96	29.61	0.51	23.86	32.15	80.35	0	33
21-12-2023	26.19	10.96	3.95	0.52	3.02	4.27	6.85	0.97	23.58	0.18	58.19	31.58	88.08	0	26
22-12-2023	26.37	11.14	3.93	0.75	3	4.29	6.76	0.97	27.57	0.17	102.1	31.74	83.39	0	38
23-12-2023	25.37	10.14	3.99	0.79	3.04	4.33	6.84	0.95	30.45	0.44	87.47	31.26	82.05	0	40
24-12-2023	25.29	10.06	3.92	0.77	2.99	4.27	6.78	0.95	35.44	0.42	55.54	31.59	76.36	0	39
25-12-2023	25.76	10.53	3.92	0.66	2.98	4.3	6.88	0.96	29.36	0.31	6.35	32.16	82.99	0	33
26-12-2023	25.99	10.76	3.94	0.75	3	4.29	6.8	0.97	27.31	0.49	29.71	32.49	76.36	0	38
27-12-2023	48.87	29.62	8.22	0.77	2.73	3.97	6.56	1.27	32.11	0.48	43.93	33.15	71.76	0	49
28-12-2023	47.84	21.49	1.52	0.62	1.98	3.29	5.83	2.05	30.76	0.44	45.53	32.73	74.14	0	48
29-12-2023	52.56	26.21	2.25	0.8	1.97	3.32	5.84	2.05	21.54	0.71	74.94	33.3	70.36	0	53
30-12-2023	51.86	25.51	2.02	0.39	1.99	3.23	5.74	2.11	6.94	2.03	21.68	28.76	91.94	0	52
31-12-2023	52.14	26.14	2.05	0.9	2.06	3.78	5.71	2.06	23.47	1.54	45.32	30.01	60.15	0	52
Minimum /res	24.74	9.51	1.39	0.39	1.97	3.23	5.74	0.95	5.05	0.04	6.35	28.69	65.21	0	26
Maximum /res	52.56	29.62	8.91	0.97	4.83	4.76	12.08	4.78	36.77	2.03	357.89	35.63	98.29	2.3	53
Average/resul	33.91	15.58	3.92	0.71	3.04	4.18	7.18	1.55	24.23	0.55	108.20	31.65	84.85	0.18	39.61

THRISSUR CAAQMS DATA DECEMBER 2023

PARAMETERS	PM10	PM25	SO2	CO	NO	NO2	NOX	NH3	O3	BEN	TOLU	ETHY	MP	OX	WS	WD	TC	RH	SR	RG	AQI
UNIT	µg/m ³	µg/m ³	µg/m ³	mg/m	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m	µg/r	m/s	degre-----	degreC	%	W/m ²	m m	
01-12-2023	58.01	30.42	3.27	0.4	5.74	7.88	18.42	3.01	26.06	0.96	1.46	0	0	0	1.73	251.14	28.9	72.78	307.72	0	58
02-12-2023	57.95	30.39	7.99	0.6	5.78	7.95	18.43	2.99	25.91	0.96	1.46	0	0	0	1.46	251.11	28.8	79.33	305.72	0	58
03-12-2023	57.35	30.12	4.65	0.3	5.75	7.85	18.51	2.97	25.61	0.96	1.45	0	0	0	1.46	251.56	28.5	83.12	301.86	0	57
04-12-2023	58.13	30.47	2.22	0.5	5.76	7.9	18.46	3	25.28	0.96	1.46	0	0	0	1.44	253.62	28.1	84.51	297.38	0	58
05-12-2023	58.64	30.7	5.57	0.6	5.76	7.89	18.68	2.98	24.92	0.96	1.45	0	0	0	1.47	255.22	27.8	85.04	292.74	0	59
06-12-2023	58.35	30.58	4.43	0.4	5.76	7.86	18.5	2.98	25.35	0.96	1.45	0	0	0	1.45	255.24	28.2	82.73	298.42	0	58
07-12-2023	58.7	30.73	3.28	0.4	5.77	7.83	18.59	2.99	25.26	0.96	1.45	0	0	0	1.42	255.24	28.1	82.99	297.22	0	58
08-12-2023	58.11	30.47	3.89	0.4	5.74	7.93	18.51	3.01	25.45	0.96	1.46	0	0	0	1.42	254.35	28.3	82.77	299.63	0	58
09-12-2023	58.12	30.47	2.35	0.4	5.74	7.88	18.44	2.98	24.87	0.96	1.45	0	0	0	1.51	251.05	27.7	83.4	292.03	0	58
10-12-2023	57.89	30.37	4.42	0.3	5.73	7.9	18.38	3	26	0.96	1.45	0	0	0	1.66	251.14	28.9	77.94	306.95	0	58
11-12-2023	58.78	30.77	8.24	0.5	5.78	7.84	18.48	2.98	25.23	0.96	1.45	0	0	0	1.66	251	28.1	73.91	296.73	0	59
12-12-2023	58.29	30.55	4.87	0.4	5.75	7.99	18.47	2.99	25.39	0.96	1.46	0	0	0	1.51	251.1	28.3	72.01	298.89	0	58
13-12-2023	58.44	30.61	7.96	0.4	5.76	7.99	18.51	2.97	24.35	0.96	1.46	0	0	0	1.89	251.17	27.2	71.53	285.22	0	58
14-12-2023	58.42	30.6	9.76	0.4	5.76	7.94	18.49	3.01	25.09	0.96	1.46	0	0	0	2.27	251.04	28	60.94	294.93	0	58
15-12-2023	58.58	30.68	4.7	0.4	5.77	7.88	18.55	2.98	25.75	0.96	1.45	0	0	0	1.99	251.33	28.6	61.92	303.69	0	59
16-12-2023	58.24	30.52	8.32	0.6	5.75	8	18.39	2.99	25.58	0.96	1.46	0	0	0	1.63	251.09	28.4	65.97	301.42	0	58
17-12-2023	58.01	30.42	5.78	0.4	5.74	7.92	18.44	2.97	24.46	0.96	1.46	0	0	0	1.97	251.1	27.3	73.64	286.58	0	58
18-12-2023	58.12	30.47	2.38	0.4	5.74	8.01	18.43	3.03	23.58	0.96	1.46	0	0	0	2.68	251.28	26.4	70.55	274.77	0	58
19-12-2023	58.48	30.63	6.99	0.5	5.76	7.94	18.42	3.01	25.7	0.96	1.46	0	0	0	2.58	254.52	28.6	59.79	303.05	0	58
20-12-2023	58.74	30.75	6.76	0.4	5.78	7.9	18.38	3.01	26.07	0.96	1.46	0	0	0	2.55	251.08	28.9	60.35	307.81	0	58
21-12-2023	58.05	30.44	9.05	0.4	5.74	7.9	18.4	2.99	25.88	0.96	1.46	0	0	0	2.16	250.96	28.7	63.92	305.35	0	59
22-12-2023	58.3	30.55	5.56	0.6	5.75	7.86	18.58	3.01	25.26	0.96	1.46	0	0	0	1.48	251.12	28.1	68.93	297.19	0	58
23-12-2023	57.67	30.27	11.6	0.5	5.72	7.98	18.7	2.99	24.39	0.96	1.46	0	0	0	1.67	251.02	27.3	69.86	285.63	0	58
24-12-2023	58.12	30.47	7.36	0.3	5.74	7.78	18.5	2.94	25.18	0.96	1.45	0	0	0	2.04	251.1	28	58.82	296.11	0	58
25-12-2023	58.16	30.49	8.38	0.3	5.75	7.96	18.43	2.95	26.2	0.96	1.46	0	0	0	2.7	250.99	29.1	63.71	309.64	0	58
26-12-2023	58.54	30.66	6.79	0.4	5.77	7.91	18.26	2.99	25.75	0.96	1.46	0	0	0	2.33	251.22	28.6	58.03	303.62	0	59
27-12-2023	58.28	30.54	5.8	0.4	5.75	7.9	18.48	3.01	25.75	0.96	1.46	0	0	0	2.34	250.96	28.6	58.13	303.64	0	58
28-12-2023	58.3	30.55	9.52	0.4	5.75	7.9	18.57	2.99	26.25	0.96	1.46	0	0	0	2.63	251.23	29.1	61.74	310.27	0	58
29-12-2023	57.93	30.38	10.8	0.4	5.73	7.95	18.35	3.02	26.21	0.96	1.46	0	0	0	2.85	251.24	29.1	62.63	309.78	0	58
30-12-2023	58.39	30.59	4.07	0.3	5.76	7.98	18.49	2.99	25.52	0.96	1.46	0	0	0	2.58	251.05	28.4	63.03	300.6	0	58
31-12-2023	58.49	30.64	19.3	0.4	5.76	7.85	18.47	3.03	24.44	0.96	1.45	0	0	0	2.68	251.28	27.3	65.14	286.3	0	58
Minimum /re	57.35	30.12	2.22	0.3	5.72	7.78	18.26	2.94	23.58	0.96	1.45	0	0	0	1.42	250.96	26.4	58.03	274.77	0	57
Maximum /re	58.78	30.77	19	0.64	5.78	8.01	18.70	3.03	26.25	0.96	1.46	0.00	0	0	2.85	255.24	29	85.04	310.27	0	59.00
Average/resu	58.23	30.52	6.90	0.43	5.75	7.91	18.47	2.99	25.35	0.96	1.46	0.00	0	0	1.98	251.90	28	70.37	298.36	0	58.12

CAAQMS MONTHLY DATA- KANNUR - DECEMBER -2023																			
Parameters	SO2_A	CO_A	NO_A	NO2	NOX_A	NH3	O3_A	BEN_A	TOLU	ETHYL	MP_A	OXY_A	WS	WD_AC	TC_A	RH_A	SR_AQ	RG_A	AQI
unit	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	
Date	6.19	0.67	2.8	5	7.54	2.21	32.2	0.5	0.1	0.5	0.1	0	2.7	240.92	34.2	52.2	112	0	56
01.12.2023	6.61	0.6	2.78	4.95	7.65	2.19	32.1	0.5	0.1	0.5	0.1	0	2.2	237.86	34.1	52.1	101.8	0	56
02.12.2023	4.94	0.59	2.78	4.98	7.45	2.22	32.1	0.5	0.1	0.5	0.1	0	2.5	239.78	34.1	52.1	98.65	0	56
03.12.2023	4.69	0.62	2.8	4.94	7.61	2.21	31.9	0.5	0.1	0.5	0.1	0	2.5	239.52	33.9	51.9	79.08	0	56
04.12.2023	4.76	0.59	2.78	4.96	7.63	2.2	31.9	0.5	0.1	0.5	0.1	0	2.4	239.65	33.9	51.9	78.17	0	56
06.12.2023	4.62	0.71	2.8	5	7.61	2.2	32.1	0.5	0.1	0.5	0.1	0	2.4	239.12	34.1	52.1	100.2	0	56
07.12.2024	5.97	0.74	2.79	4.91	7.52	2.21	32	0.5	0.1	0.5	0.1	0	2.5	239.51	34	52	87.08	0	56
08.12.2025	5.46	0.82	2.77	4.92	7.61	2.2	32	0.5	0.1	0.5	0.1	0	2.2	237.87	34	52	89	0.2	56
09.12.2026	5.15	0.94	2.78	4.95	7.58	2.18	31.8	0.5	0.1	0.5	0.1	0	2.2	237.65	33.8	51.8	69.97	0	56
10.12.2027	5.83	0.59	2.81	5	7.59	2.2	32	0.5	0.1	0.5	0.1	0	2.5	240	34	52	93.77	0.1	56
11.12.2028	2.98	0.89	2.76	4.98	7.52	2.2	31.6	0.5	0.1	0.5	0.1	0	2.3	238.61	33.6	51.6	36.59	0	55
12.12.2029	3.22	0.64	2.76	5.02	7.59	2.19	31.8	0.5	0.1	0.5	0.1	0	2.2	237.74	33.8	51.8	65.64	0	55
13.12.2030	4.11	0.72	2.8	4.93	7.63	2.2	32	0.5	0.1	0.5	0.1	0	2.5	240.05	34	52	92.75	0	56
14.12.2031	4.91	0.85	2.77	4.93	7.62	2.22	31.6	0.5	0.1	0.5	0.1	0	2.4	239.57	33.6	51.6	69.87	0.1	55
15.12.2032	4.18	0.74	2.76	4.99	7.59	2.18	32	0.5	0.1	0.5	0.1	0	2.5	239.52	34	52	92.89	0	55
16.12.2033	3.8	0.61	2.79	5.02	7.64	2.21	32	0.5	0.1	0.5	0.1	0	2.3	238.13	34	52	89.76	0	56
17.12.2034	3.35	0.7	2.8	4.93	7.54	2.2	32.1	0.5	0.1	0.5	0.1	0	2.2	237.8	34.1	52.1	95.77	0	56
18.12.2035	3.52	0.86	2.8	4.98	7.54	2.21	31.7	0.5	0.1	0.5	0.1	0	2.1	236.91	33.7	51.7	53.64	0	56
19.12.2036	4.29	0.69	2.78	4.93	7.6	2.19	31.9	0.5	0.1	0.5	0.1	0	2.2	238.14	33.9	51.9	71.62	0	56
20.12.2037	5.7	0.73	2.76	5.04	7.57	2.19	32	0.5	0.1	0.5	0.1	0	2.3	238.47	34	52	87.45	0	55
21.12.2038	5.95	0.66	2.77	4.96	7.55	2.2	32	0.5	0.1	0.5	0.1	0	2.4	239.01	34	52	94.34	0	56
22.12.2039	5.41	0.74	2.76	4.96	7.61	2.21	31.9	0.5	0.1	0.5	0.1	0	2.3	238.63	33.9	51.9	73.9	0	55
23.12.2040	5.46	0.72	2.76	5	7.56	2.19	32	0.5	0.1	0.5	0.1	0	2.2	237.63	34	52	85.19	0	55
24.12.2041	5.78	0.72	2.8	5	7.6	2.18	32	0.5	0.1	0.5	0.1	0	2.5	239.4	34	52	88.9	0	56
25.12.2042	3.34	0.89	2.8	4.95	7.61	2.18	32	0.5	0.1	0.5	0.1	0	2.4	239.08	34	51.5	94.22	0	56
26.12.2043	4.59	0.81	2.8	5.02	7.6	2.22	32	0.5	0.1	0.5	0.1	0	2.9	241.94	34	52	89.68	0	56
27.12.2044	5.97	0.56	2.81	5.04	7.51	2.19	32.2	0.5	0.1	0.5	0.1	0	4.9	265.52	34.2	52.2	118.6	0	56
28.12.2045	5.05	0.84	2.75	5	7.51	2.21	32.1	0.5	0.1	0.5	0.1	0	4.6	252.22	34.1	52.1	98.43	0	55
29.12.2046	5.71	1.07	2.8	4.95	7.51	2.22	32.1	0.5	0.1	0.5	0.1	0	5.1	253.89	34.1	52.1	95.55	0	56
30.12.2047	6.07	0.85	2.76	5.03	7.58	2.23	32.2	0.5	0.1	0.5	0.1	0	5.3	255.18	34.2	52.2	113.3	0	55
31.12.2048	5.99	0.66	2.77	4.94	7.53	2.21	32.1	0.5	0.1	0.5	0.1	0	5.2	254.71	34.1	52.1	104.9	0	55
MIN	2.98	0.56	2.75	4.91	7.45	2.18	31.6	0.5	0.1	0.5	0.1	0	2.1	236.91	33.6	51.5	36.59	0	55
MAX	6.61	1.07	2.81	5.04	7.65	2.23	32.2	0.5	0.1	0.5	0.1	0	5.3	265.52	34.2	52.2	118.6	0.2	56
AVG	4.95	0.74	2.78	4.97	7.57	2.2	32	0.5	0.1	0.5	0.1	0	2.9	242.32	34	52	87.21	0	55.67