

PLAMOOD(TVM) CAAQMS MONTHLY DATA AND AQI MAY 2023

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)	AT (°C)	RH (%)	WS (m/s)	WD (deg.)	SR (W/m ²)	BP (mmHg)	RF (mm)	AQI
01-05-2023 Mon	0.69	19.5	1.0	8.8	9.8	3.7	8.1	7	18	25.4667	77.733	0.39167	89.458	133.271	754.805	29	34.0
02-05-2023 Tue	0.52	13.7	1.0	8.8	9.7	3.7	6.9	5	14	25.9625	75.133	0.54167	72.125	156.167	755.9896	0	26.0
03-05-2023 Wed	0.39	16.3	1.0	8.8	9.8	3.7	7.7	7	14	25.9917	73.8	0.825	71.042	150.992	755.9482	1	20.0
04-05-2023 Thu	0.40	17.2	1.0	8.8	9.7	3.7	9.8	12	24	26.7917	68.946	0.775	64.5	157	755.4248	0	28.0
05-05-2023 Fri	0.42	17.1	1.0	8.8	9.8	3.7	6.0	15	30	26.35	71.204	0.58333	66.167	117.513	755.2113	0	30.0
06-05-2023 Sat	0.35	16.3	1.0	8.8	9.7	3.7	8.1	10	20	26.2708	71.621	0.67917	71.208	137.508	755.0709	4	20.0
07-05-2023 Sun	0.33	15.0	1.0	8.8	9.8	3.7	7.4	11	23	25.9375	71.2	0.54167	74.875	108.258	755.08	2	25.0
08-05-2023 Mon	0.41	15.5	1.0	8.8	9.8	3.7	9.0	10	21	27	69.2	1.01667	66.125	168.429	754.5422	0	21.0
09-05-2023 Tue	0.51	16.4	1.0	8.7	9.7	3.5	8.8	9	18	25.513	77.122	0.63043	73.348	109.352	755.3983	18	26.0
10-05-2023 Wed	0.73	15.7	1.0	8.7	9.7	3.7	8.1	9	18	26.4583	74.142	0.8125	64.708	166.088	754.7625	6	37.0
11-05-2023 Thu	0.45	15.8	1.0	8.7	9.7	3.7	9.2	7	13	26.125	77.15	0.95833	69.083	169.233	755.9692	2	23.0
12-05-2023 Fri	0.72	14.4	1.0	8.8	9.8	3.7	7.6	6	12	26.4833	75.596	0.725	63.667	153.921	757.1321	1	36.0
13-05-2023 Sat	0.37	16.8	1.0	8.7	9.8	3.7	8.4	5	10	26.6	77.313	0.67917	61.375	155.917	757.5338	1	19.0
14-05-2023 Sun	0.28	15.0	1.0	8.8	9.7	3.7	7.5	6	11	27.0375	75.429	1.10833	51.875	164.667	756.6312	0	15.0
15-05-2023 Mon	0.40	14.5	1.0	8.8	9.8	3.7	7.2	7	15	27.5417	72.429	1.2625	50.542	161.842	756.695	1	20.0
16-05-2023 Tue	0.53	14.9	1.0	8.8	9.8	3.7	7.5	15	32	27.45	71.879	1	71.208	184.538	756.8792	0	32.0
17-05-2023 Wed	0.61	14.0	1.0	8.8	9.8	3.7	10.0	18	37	27.3	72.067	0.94583	71.292	191.496	757.3271	0	37.0
18-05-2023 Thu	0.83	15.1	1.0	8.8	9.7	3.7	8.0	17	36	27.4042	70.258	0.5625	65.208	174.417	757.8171	0	42.0
19-05-2023 Fri	0.81	16.6	1.0	8.8	9.7	3.6	7.8	15	31	27.0542	73.721	0.6125	69.333	171.154	755.2675	0	40.0
20-05-2023 Sat	0.66	15.6	1.0	8.8	9.7	3.6	9.6	12	24	27.375	70.871	0.85833	63.458	174.15	754.3083	0	32.0
21-05-2023 Sun	0.35	18.3	1.0	8.8	9.7	3.6	7.4	11	22	27.1208	73.204	0.71667	66.333	168.563	754.8746	0	22.0
22-05-2023 Mon	0.57	14.9	1.0	8.8	9.8	3.6	8.7	8	17	25.9125	75.738	0.51667	75.833	181.738	755.7891	0	28.0
23-05-2023 Tue	0.94	14.2	1.0	8.8	9.7	3.6	9.1	8	17	26.2542	73.088	0.37917	67.375	188.883	756.0842	0	41.0
24-05-2023 Wed	0.47	16.3	1.0	8.8	9.7	3.6	8.0	7	15	27.0375	70.883	0.45833	62.958	203.663	755.9817	0	23.0
25-05-2023 Thu	0.36	15.3	1.0	8.8	9.7	3.6	7.9	5	9	26.7958	73.854	0.30833	63.167	200.95	756.3729	0	18.0
26-05-2023 Fri	0.64	14.2	1.0	8.8	9.8	3.6	8.0	6	13	26.2167	73.875	0.32083	69.167	144.092	756.8892	0	31.0
27-05-2023 Sat	0.49	12.4	1.0	8.8	9.7	3.6	8.4	9	18	26.7667	73.075	0.5875	64.5	200.542	754.9325	0	25.0
28-05-2023 Sun	0.36	16.0	1.0	8.8	9.7	3.7	8.0	14	30	27.175	71.571	1.0875	67.833	171.538	754.0221	0	30.0
29-05-2023 Mon	0.38	16.1	1.0	8.8	9.8	3.6	8.3	16	33	27.225	71.588	1.10417	68.917	185.508	753.7617	0	33.0
30-05-2023 Tue	0.43	18.8	1.0	8.8	9.8	3.6	7.3	15	32	27.1333	72.271	1.08333	69.917	181.525	754.5071	0	32.0
31-05-2023 Wed	0.39	14.9	1.0	8.8	9.8	3.7	8.3	10	20	26.5	74.058	1.07917	67.583	182.092	754.535	0	20.0
Average	0.51	15.7	1.0	8.8	9.8	3.7	8.1	10	21	26.6532	73.226	0.74682	67.554	165	755.6627		28.0
Minimum	0.28	12.4	1.0	8.7	9.7	3.5	6.0	5	9	25.4667	68.946	0.30833	50.542	108.258	753.7617	0	15.0
Maximum	0.94	19.5	1.0	8.8	9.8	3.7	10.0	18	37	27.5417	77.733	1.2625	89.458	203.663	757.8171	29	42.0

KARYAVATTAM CAAQMS MONTHLY DATA AND AQI MAY 2023

PARAMETERS	PM10	PM2.5	SO2	CO	NO _x	NO ₂	NO _x	NH3	O3	ETHYL	MP _x	OXY	WS	WD	TC _x	RH _x	BEN	RQ	AQI
01-05-2023	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	µg/m ³	µg/m ³	µg/m ³	m/s	degre-----	degreC	%	µg/m ³	m m	
01-05-2023	27.57	3.37	0.34	0.04	8.9	19.25	25.53	8.9	24.96	0	0	0	0.4	328.66	30.66	85.5	0	0	30
03-05-2023	23.2	2.45	0.24	0.01	8.94	19.29	25.46	8.94	25.03	0	0	0	0.16	248.33	31.02	84.1	0	0	25
03-05-2023	30.09	4.51	2.39	0.1	8.9	19.24	25.65	8.9	24.96	0	0	0	0.88	219.8	31.07	82.7	0	0.01	27
04-05-2023	46.85	4.98	2.14	0.01	8.55	18.51	25.56	8.55	24.57	0	0	0	0.92	218.75	32.33	74.5	0	0.01	38
05-05-2023	67.11	48.8	0.48	0.07	7.95	17.41	25.58	7.95	23.83	0	0	0	0.55	225.42	31.44	79.6	0	0.02	57
06-05-2023	37.78	14.15	0.57	0	7.94	17.34	25.27	7.94	23.82	0	0	0	0.77	219.57	31.58	78.3	0	0.01	52
07-05-2023	35.32	15.79	0.32	0.01	7.92	17.37	25.43	7.92	23.78	0	0	0	1.05	225.57	31.17	78.7	0	0	37
08-05-2023	45.8	20.88	1.49	0.01	7.9	17.34	25.53	7.9	23.75	0	0	0	1.2	216.14	32.4	76.3	0	0	41
09-05-2023	38.62	17.16	0.64	0.02	7.93	17.36	25.34	7.97	23.79	0	0	0	0.93	219.36	30.51	86.4	0	0.06	42
10-05-2023	36.64	17.75	0.02	0.02	7.92	17.31	25.82	7.92	23.78	0	0	0	1.14	215.41	31.76	82.3	0	0	38
11-05-2023	36.54	19.41	0.45	0.01	7.92	17.36	25.6	7.92	23.78	0	0	0	0.66	214.48	31.65	86.3	0	0.02	37
12-05-2023	24.98	17.33	0.77	0.02	7.95	17.34	25.49	8.01	23.82	0	0	0	0.14	99.01	31.8	84.7	0	0.01	31
13-05-2023	25.9	15.26	1.83	0.01	7.96	17.34	25.49	7.96	23.84	0	0	0	0.43	201.94	32.12	86.1	0	0	28
14-05-2023	39.18	18.56	0.03	0.01	7.96	17.31	25.65	7.96	23.84	0	0	0	1.18	200.98	32.96	81.9	0	0	33
15-05-2023	35.34	15.04	2.64	0.14	7.94	17.34	25.63	7.94	23.81	0	0	0	1.45	205.55	33.26	78.9	0	0	37
16-05-2023	55.28	24.28	2.27	0.1	7.97	17.4	25.71	7.94	23.89	0	0	0	1.26	217.64	33.17	79	0	0.01	45
17-05-2023	56.67	41.91	0.38	0.19	7.9	17.29	25.63	7.93	23.78	0	0	0	1.08	219.05	32.5	83	0	0	56
18-05-2023	58.45	36.26	0.19	0.15	7.95	17.38	25.62	7.95	23.84	0	0	0	0.86	203.11	34.53	73.1	0	0	60
19-05-2023	52.6	46.8	0.33	0.17	7.93	17.33	25.56	7.93	23.77	0	0	0	0.19	207.99	32.43	84.2	0	0	78
20-05-2023	48.07	34.99	0.42	0.1	7.96	17.35	25.65	7.96	23.78	0	0	0	0.89	217.74	32.85	78.6	0	0	58
21-05-2023	44.22	21.97	1.92	0.01	7.98	17.34	25.46	7.98	23.83	0	0	0	0.73	217.58	32.46	82	0	0	44
22-05-2023	39.28	24.58	1.46	0.02	7.89	17.39	25.68	7.89	23.84	0	0	0	0.1	303.89	30.7	87	0	0.02	41
23-05-2023	27.85	14.94	3.3	0.01	7.99	17.32	25.63	7.99	23.8	0	0	0	0.34	41.37	31.15	82.8	0	0.21	28
24-05-2023	33.96	19.21	3.91	0.09	7.94	17.35	25.53	7.94	23.83	0	0	0	0.07	101.27	32.35	80.7	0	0.04	34
25-05-2023	33.5	25.71	0.77	0.01	7.96	17.36	25.68	7.96	23.72	0	0	0	0.51	220.25	32.04	84	0	0	37
26-05-2023	33.77	27.69	0.22	0.01	7.88	17.33	25.63	7.87	23.82	0	0	0	0.8	217.78	30.66	86.6	0	0.2	46
27-05-2023	39	24.15	1.87	0	7.95	17.3	25.48	7.95	23.83	0	0	0	1.24	215.85	31.75	83	0	0	40
28-05-2023	41.86	24.84	1.43	0.03	7.96	17.36	25.74	7.96	23.79	0	0	0	1.18	216.99	32.36	80.4	0	0	42
29-05-2023	48.9	29.82	0.46	0.04	7.95	17.35	25.56	7.95	23.81	0	0	0	1.06	212.76	32.32	80.3	0	0	50
30-05-2023	46.15	33.3	0.91	0.01	7.93	17.31	25.48	7.93	23.79	0	0	0	0.4	216.93	32.33	81.2	0	0	56
31-05-2023	42.87	31.23	0.03	0.01	7.96	17.43	25.41	7.93	23.82	0	0	0	0.25	224.44	31.76	82.9	0	0.01	52
Minimum /r	23.2	2.45	0.02	0	7.88	17.29	25.27	7.87	23.72	0	0	0	0.07	41.37	30.51	73.1	0	0	25
Maximum /r	67.11	48.8	3.91	0.19	8.94	19.29	25.82	8.94	25.03	0	0	0	1.45	328.66	34.53	87	0	0.21	78

KOLLAM CAAQMS MONTHLY DATA AND AQI MAY 2023

PARAMETERS	PM10	PM2.5	SO2	CO	NO	NO2	NOX	NH3	O3	ETHYL	MP	OXY	WS	WD	TC	RH	BEN	RG	AQI
	ug/m3	ug/m3	ug/m3	mg/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	m/s	degre-----	degreC	%	ug/m3	m m	
01-05-2023	73.78	42.86	6.71	0.7	5.1	10.3	15.36	9.82	6.7	0	0	0	0.58	164.33	27.1	89.9	0	0	74
03-05-2023	77.52	39.93	7.29	0.76	5.15	10.5	15.61	9.7	7.78	0.17	0.19	0.16	0.35	113.26	27.33	87.4	0.22	0	78
03-05-2023	87.64	34.25	6.33	0.89	5.17	10.8	15.96	9.48	6.37	0.55	0.62	0.5	1.33	121.96	26.76	89.2	0.7	0	88
04-05-2023	87.04	44.13	7.37	1.08	13.73	19.1	32.55	4.54	5.34	0.56	0.61	0.5	2.52	63.85	30.09	71.8	0.71	0	87
05-05-2023	63.56	35.87	6.74	1.06	5.8	13.1	18.86	8.08	15.14	0.44	0.55	0.6	1.05	97.49	28.32	80.8	0.64	0	64
06-05-2023	101.9	31.51	7.2	0.85	5.42	12.6	17.99	8.51	46.15	0.38	0.6	0.54	1.4	114.36	28.47	81.5	0.43	0	101
07-05-2023	80.78	34.49	7.13	0.5	5.19	11.7	16.85	9.07	18.33	0.51	0.8	0.29	2.11	133.05	27.81	84.3	0.21	0	81
08-05-2023	79.83	34.09	6.29	0.5	5.17	11.4	16.53	9.23	16.91	0.51	0.8	0.29	2.26	103.62	29.42	78.1	0.21	0	80
09-05-2023	85.45	40.78	8.43	0.66	4.7	10.2	14.93	7.77	59.55	0.4	0.6	0.45	1.46	95.88	27.89	87.1	0.29	0	85
10-05-2023	90.15	46.83	6.23	0.81	3.12	7.68	10.8	7.6	18.62	0.3	0.41	0.6	1.8	88.19	28.73	84	0.37	0	90
11-05-2023	88.57	45.39	7.65	0.73	6.36	13.6	19.85	10.82	74.94	0.19	0.26	0.37	0.88	68.98	28.03	89.1	0.23	0	89
12-05-2023	85.65	42.86	11.09	0.6	11.4	23.5	35	15.43	30.92	0	0	0	0.57	4.63	28.18	87.9	0	0	86
13-05-2023	87.06	44.56	7.71	0.75	10.02	19.9	29.63	12.17	24.86	0	0	0	1.47	28.21	28.85	87.4	0	0	87
14-05-2023	89.7	48.13	3.07	1.09	3.01	7	10.01	9.87	13.92	0	0	0	1.54	64.88	28.81	87.7	0	0	90
15-05-2023	89.82	48.19	5.97	1.09	3.06	7.6	10.66	7.67	15.75	0	0	0	2.97	86.64	30.15	81	0	0	90
16-05-2023	90.6	48.61	7.99	1.1	3.31	7.69	11	7.52	100.72	0	0	0	2.46	108.3	29.88	82	0	0	101
17-05-2023	93.01	50.19	6.47	0.85	3.54	7.81	11.35	7.33	92.37	0.28	0.3	0.28	1.91	105.86	29.76	81.4	0.32	0	93
18-05-2023	97.26	52.88	9.44	0.49	3.28	7.5	10.78	7.63	22.71	0.7	0.75	0.7	0.94	62.54	28.97	81.2	0.8	0	97
19-05-2023	97.99	53.28	92.13	0.49	3.65	7.79	11.44	7.38	7.99	0.7	0.75	0.69	0.48	320.55	28.35	89	0.81	0	98
20-05-2023	85.36	26.12	2.7	0.62	2.6	6.42	9.02	3	20	0.19	0.52	0.27	2.41	220.9	24.98	97	0.51	0	85
21-05-2023	68.86	25.07	1.96	0.58	2.27	5.54	7.8	3.5	20	0.2	0.56	0.29	2.25	212.45	24.59	97.7	0.48	0	69
22-05-2023	59.74	39.27	7.19	0.57	3.5	7.74	11.24	7.46	81.04	0.33	0.35	0.33	1.34	19.29	27.52	87.8	0.39	0	81
23-05-2023	34.22	25.13	5.63	0.61	3.94	8.03	11.97	7.18	0	0.28	0.19	0.09	0.44	2.19	27.68	84	0.11	0	42
24-05-2023	59.58	25.22	6.49	0.61	3.71	7.9	11.62	7.23	0	0.87	0.57	0.26	1.07	356.82	28.96	82.9	0.33	0	60
25-05-2023	61.48	25.28	5.88	0.62	3.94	8.16	12.09	7.32	5.48	0.87	0.57	0.26	1.66	66.52	28.69	85.9	0.33	0	61
26-05-2023	72.32	26.6	6.14	0.7	3.22	7.13	10.36	7.87	10.94	0.62	0.41	0.19	1.71	104.81	28.02	85.3	0.24	0	72
27-05-2023	80.98	32.01	5.48	0.94	3.12	7.26	10.37	7.81	10.94	0	0	0	2.17	97.42	28.93	84	0	0	81
28-05-2023	82.4	32.94	6.31	0.94	3.13	7.1	10.23	7.98	10.95	0	0	0	1.86	122.17	28.39	85.9	0	0	82
29-05-2023	85.76	34.22	30.79	0.81	3.81	7.72	11.54	7.35	18.21	0.31	0.32	0.26	2.51	102.37	29.97	76	0.43	0	86
30-05-2023	70.17	35.79	6.35	0.71	3.09	7.11	10.19	7.9	24.88	0.6	0.63	0.5	0.82	51.34	28.9	82.4	0.84	0	70
31-05-2023	57.83	35.83	7.83	0.71	3.06	7.08	10.15	7.94	24.91	0.59	0.62	0.5	0.46	16.82	28.36	84.3	0.83	0	60
Minimum /r	34.22	25.13	3.07	0.49	3.01	7	10.01	4.54	0	0	0	0	0.35	2.19	26.76	71.8	0	0	42
Maximum /r	101.9	53.28	92.13	1.1	13.73	23.5	35	15.43	100.72	0.87	0.8	0.7	2.97	356.82	30.15	89.9	0.84	0	101

ELOOR(EKM) CAAQMS MONTHLY DATA AND AQI MAY 2023

parameters	PM10	PM2.5_	SO ₂	CO_	NO_	NO ₂ _	Nox	NH ₃	O ₃	WS	WD_	TC_	HR_	RG	AQI
units	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	
01-05-2023	75.6	34.56	7.11	0.6	5.09	13.41	18.48	8.99	30.31	0.16	21.28	31.75	89.79	0	76
02-05-2023	73.16	33.04	5.5	0.66	6.11	13.13	18.58	6.35	26.78	0.25	53.5	31.13	95.13	0	73
03-05-2023	68.84	30.7	5.39	0.72	6.86	12.87	18.84	4.1	22.79	0.36	355.78	30.98	93.97	0	69
04-05-2023	80.26	36.69	5.83	0.78	7.42	14.01	19.79	9.32	32.18	2.24	357.24	35.34	97.34	0	80
05-05-2023	78.83	36.04	9.41	0.62	5.31	13.08	18.67	8.49	31.6	1.1	35.65	32.02	97.05	0	79
06-05-2023	56.76	26.07	8.12	0.99	3.46	8.94	12.23	7.64	16.08	0.39	346.63	31.09	95.27	0	57
07-05-2023	56.34	25.93	8.46	0.99	3.13	8.57	11.65	7.99	15.2	0.55	333.76	30.8	91.08	0	56
08-05-2023	56.08	25.81	8.42	0.99	3.12	8.65	11.71	8	15.16	0.36	25.7	30.33	95.27	0	56
09-05-2023	73.19	30.52	5.31	0.71	5.13	11.86	16.99	4.78	29.46	1.08	242.84	32.86	84.22	0.21	73
10-05-2023	55.92	25.73	8.4	1	3.14	8.58	12.1	7.99	15.25	1.2	304.38	33.97	88.66	0	56
11-05-2023	65.86	31.23	10.44	0.82	5.23	10.65	15.33	6	23.29	0.54	292.63	32.49	79.73	0	66
12-05-2023	73.3	33.44	11.26	0.69	6.27	11.62	17.76	4.84	27.59	0.54	100.65	29.24	97.21	0	73
13-05-2023	56.62	26.06	8.5	1.14	3.6	7.96	11.56	7.96	17.49	0.31	95.05	28.03	97.35	0	57
14-05-2023	69.02	29.46	9.62	1.03	3.25	8.61	11.86	8.45	15.79	0.42	108.69	27.9	97.35	0	69
15-05-2023	88.89	47.1	8.85	0.92	3.2	9.05	12.25	7.59	15.57	0.52	304.23	31.43	85.27	0	89
16-05-2023	69.46	38.18	14.03	0.77	6.29	11.62	17.88	4.82	27.68	1.34	315.43	35.14	84.16	0	69
17-05-2023	68.66	39.01	14.52	0.8	6.3	11.67	17.79	4.9	27.7	0.5	327	36.1	87.02	0	69
18-05-2023	72	40.26	12.14	0.84	5.42	10.27	15.69	5.31	26.71	0.24	335.97	32.22	84.47	0	72
19-05-2023	79.4	42.24	7	0.92	3.52	7.43	10.84	6.24	24.22	0.35	318.49	31.62	94.42	0	79
20-05-2023	80.53	41.88	6.94	0.91	3.49	7.42	10.94	6.3	24.01	0.25	307.75	31.64	86.61	0	81
21-05-2023	79.93	42.28	7.01	0.92	3.52	7.47	10.93	6.27	24.24	0.48	310.3	31.24	90.33	0	80
22-05-2023	75.38	38.32	6.18	0.83	4.32	8.41	12.75	5.35	21.69	0.02	50.52	30.68	85.45	0	75
23-05-2023	64.36	30.4	4.72	0.6	6.31	11.13	17.45	3	15.29	0.25	235.51	31.26	82.94	0	64
24-05-2023	72.54	35.15	5.98	0.59	6.29	11	17.25	2.98	15.24	0.08	237.15	31.52	83.91	0	73
25-05-2023	78.42	36.14	6.51	0.8	6.09	12.74	18.78	3.94	14.36	0.33	298.53	31.58	82.06	0	78
26-05-2023	89.41	38.29	7.4	1.13	5.77	15.38	21.31	5.53	12.89	0.51	334.45	29.9	95.81	0	90
27-05-2023	88.69	37.99	7.34	1.13	5.72	15.44	21.23	5.55	12.79	0.77	330.63	31.15	82.78	0	89
28-05-2023	88.59	37.94	7.33	1.12	5.72	15.45	21.2	5.56	12.78	0.6	330.55	31.14	89.14	0	89
29-05-2023	87.15	37.05	7.81	1.07	6.28	16.59	22.87	5.99	15.02	0.43	333.99	31.79	86.95	0	87
30-05-2023	80.17	33.3	8.88	0.9	7.62	20.1	27.54	7.25	20.71	0.08	27.94	31.32	88.12	0	80
31-05-2023	80.39	33.39	8.91	0.91	7.65	20.18	27.84	7.29	20.77	0.12	63.23	30.77	90.82	0	80
Minimum /re	55.92	25.73	4.72	0.59	3.12	7.42	10.84	2.98	12.78	0.02	21.28	27.9	79.73	0	56
Maximum /r	89.41	47.1	14.52	1.14	7.65	20.18	27.84	9.32	32.18	2.24	357.24	36.1	97.35	0.21	90
Average/resu	73.61	34.76	8.26	0.87	5.19	11.85	16.93	6.27	21.08	0.56	227.70	31.59	89.60	0.01	

VYTTILA(EKM) CAAQMS MONTHLY DATA AND AQI MAY 2023

Date&Time	PM10	PM2.5	SO2	NH3	NO	NO2	NOx	CO	O3	Air temperat	Relative humidity	TotalRainF all	Solar Radiation	Benzene	Toluene	Ethylb enzen	Wind speed	O- Xylene	AQI
	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	ppb	mg/m ³	µg/m ³	Deg C	%	mm	W/m ²	µg/m ³	µg/m ³	µg/m ³	m/s	µg/m ³	
01-05-2023	33.84	16.52	26.13	4.42	51.41	3.49	43.29	1.12	1.52	26.5	79.05	56.8	246.9	0	0	0	0.58	0	63
02-05-2023	24.74	9.16	23.25	8.07	40.66	3.67	34.49	1.19	1.56	26	81.97	45.4	237.9	0	0	0	0.65	0	60
03-05-2023	60.67	22.88	20.5	3.07	60.89	7.55	53.13	1.25	1.52	28.1	73.43	20	252.8	0	0	0	0.6	0	66
04-05-2023	93.04	26.55	23.54	1.83	73.9	8.97	64.34	1.31	1.52	29.5	64.78	0	252.9	0	0	0	0.6	0	93
05-05-2023	79.25	27.71	38.39	6.15	66.32	3.74	55.47	1.26	1.49	28.4	71.53	56.8	249.6	0	0	0	0.56	0	80
06-05-2023	71.75	35	40.37	8.54	54.05	6.18	46.86	1.32	1.72	28.1	74.62	31.2	246	0	0	0	0.5	0	72
07-05-2023	42.18	27.67	58.11	2.38	59.52	4.03	50.1	1.29	InVld	27.9	73.16	41.4	246.6	0	0	0	0.53	0	73
08-05-2023	93.61	35.44	42.52	0.91	61.39	2.04	50.56	1.33	1.48	29.3	64.96	46.4	249.1	0	0	0	0.67	0	94
09-05-2023	59.77	32.3	33.76	2.25	55.37	1.62	45.48	1.25	1.47	28.9	42.3	9.2	246.2	0	0	0	0.62	0	62
10-05-2023	90.04	37.98	63.52	2.63	54.34	5.57	46.76	1.34	2	29.6	70.51	1.6	258.6	0	0	0	0.63	0	90
11-05-2023	89.94	23.99	78.16	0.81	67.81	2.05	55.64	1.37	2.98	29.4	73.65	0.4	262.2	0	0	0	0.59	0	98
12-05-2023	112.7	18.62	77.92	0.79	58.23	1.8	47.88	1.33	2.98	29.5	71.68	0	247.6	0	0	0	0.54	0	108
13-05-2023	178.8	22.2	67.27	1.6	60.81	6.02	52.22	1.36	2.62	29.9	72.19	0	256.6	0	0	0	0.51	0	153
14-05-2023	123.9	24.83	58.81	3.77	65.67	8.7	57.56	1.38	3.24	30.3	72.61	0	255.8	0	0	0	0.65	0	115
15-05-2023	109.9	21.46	70.29	2.66	83.95	7.47	71.45	1.31	3.24	30.1	73.81	1.6	255	0	0	0	0.56	0	107
16-05-2023	114.3	23.88	56.75	54.05	520.6	9.11	424.54	1.45	InVld	31.7	65.13	0	268.8	0	0	0	0.75	0	98
17-05-2023	43.28	33.76	43.28	47.1		8.65		1.43	InVld	30.7	71.32	4	255.6	0	0	0	0.61	0	95
18-05-2023	75.52	25.46	26.74	24.9	77.36	15.53	78.8	1.42	InVld	29	70.83	5	255.1	0	0	0	0.81	0	99
19-05-2023	87.45	28.44	50.1	20.26	71.29	16.1	72.99	1.43	0	29.7	72.42	0	258.2	0	0	0	0.63	0	91
20-05-2023	62.21	22.64	47.13	28.67		16.97		1.44	0	29.7	71.81	1.8	258.7	0	0	0	0.62	0	62
21-05-2023	53.85	18.17	47.54	45.03		12.35		1.38	InVld	29.2	73.81	14	254.4	0	0	0	0.64	0	69
22-05-2023	63.29	17.33	40.39	45.95		19.37		1.39	0	28.9	71.09	2	256	0	0	0	0.64	0	70
23-05-2023	54.54	18.1	36.26	39.49	78.64	20.31	77.06	1.42	0	28.8	70.32	20	247.7	0	0	0	0.49	0	96
24-05-2023	55.44	14.09	35.27	33.99	55.57	14.49	57.11	1.4	0	29.7	70.66	0	259.7	0	0	0	0.53	0	71
25-05-2023	50.49	13.41	34.1	33.48	56.07	14.69	57.63	1.39	0	29.6	70.66	75.2	256.7	0	0	0	0.52	0	72
26-05-2023	58.2	14.73	41.57	30.19	44.18	4.19	41.47	1.43	0	28.2	75.22	0	245	0	0	0	0.63	0	72
27-05-2023	131.9	27.22	51.65	33.03	35.41	1.4	29.3	1.51	0	29.6	67.54	0	257.6	0	0	0	0.7	0	121
28-05-2023	87.59	24.63	65.21	32.29	34.24	1.24	28.27	1.49	0	29.1	74.15	32.8	252.4	0	0	0	0.61	0	88
29-05-2023	101.6	26.87	62.17	35.98	33.9	1.53	28.15	1.48	0	29.7	68.61	0	252.5	0	0	0	0.75	0	101
30-05-2023	104.6	28.7	59.06	40.64	37.75	1.96	31.49	1.51	0	28.9	73.5	3.8	260.1	0	0	0	0.54	0	103
31-05-2023	79.93	17.64	54	34.29	36.17	1.41	30.05	1.46	1.63	28.2	35.38	6.6	250.1	0	0	0	0.52	0	80
Min	42.18	13.41	20.5	0.79	33.9	1.24	28.15	1.25	0	27.9	35.38	0	245	0	0	0	0.49	0	
Maximum	178.8	37.98	78.16	54.05	520.6	20.31	424.54	1.51	3.24	31.7	75.22	75.2	268.8	0	0	0	0.81	0	

THRISSUR CAAQMS MONTHLY DATA AND AQI MAY 2023

PARAMETERS	PM10	PM2.5	SO2	CO_	NO	NO2	NOX	NH3	O3	BEN	TOLU_	ETHYL	MP_	OXY_	WS	WD	TC_	RH_	SR_	RG_	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	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	m/s	degre----	degreC	%	W/m ²	m m	
01-05-2023	51.93	18.19	1.07	0.49	4.78	12.31	32.03	4.98	38.49	0.96	1.46	0	0	0	1.88	258.94	28.65	78.97	304.16	0	104
02-05-2023	47.1	20.31	3.75	0.34	4.81	12.29	32.05	5	38.7	0.96	1.46	0	0	0	2.06	259.01	27.81	80.91	293.15	0	47
03-05-2023	53.44	16.61	0.71	0.58	4.8	12.34	32.09	4.99	38.62	0.96	1.46	0	0	0	1.86	258.13	27.89	82.38	294.2	0	53
04-05-2023	81.97	25.24	0.41	0.54	4.79	12.29	31.93	5.02	38.55	0.96	1.46	0	0	0	1.81	258.49	29.3	76.4	312.74	0	82
05-05-2023	77.85	25.05	2.09	0.42	4.82	12.35	32.18	4.99	38.73	0.96	1.46	0	0	0	1.61	258.12	29.24	75.16	312.02	0	78
06-05-2023	71.27	23.73	1.58	0.43	4.8	12.38	32.11	4.97	38.61	0.96	1.46	0	0	0	1.94	257.92	29.39	75.79	313.96	0	71
07-05-2023	74.54	23.63	1.35	0.42	4.77	12.26	31.99	4.99	38.42	0.96	1.45	0	0	0	1.8	257.69	28.82	77.62	306.4	0	75
08-05-2023	81.33	25.06	1.44	0.37	4.78	12.39	32.06	5.02	38.53	0.96	1.46	0	0	0	2.13	257.4	29.85	74.02	320.01	0	81
09-05-2023	69.54	22.31	0.62	0.34	4.87	12.22	31.88	4.98	39.06	0.96	1.45	0	0	0	2.2	257.8	30.32	70.64	326.24	0	70
10-05-2023	67.98	25.36	1.72	0.39	4.81	12.29	32.1	4.99	38.69	0.96	1.46	0	0	0	2.1	257.39	30.14	74.57	323.78	0	68
11-05-2023	57.11	20.59	1.91	0.38	4.83	12.3	32.1	4.97	38.81	0.96	1.46	0	0	0	1.92	257.53	30.11	74.48	323.4	0	57
12-05-2023	66.91	21.77	0.35	0.4	4.78	12.36	32.06	4.96	38.52	0.96	1.46	0	0	0	1.72	257.27	30.06	73.36	322.78	0	67
13-05-2023	61.64	16.43	0.88	0.47	4.82	12.4	32.05	4.99	38.72	0.96	1.46	0	0	0	1.86	257.26	29.98	75.33	321.71	0	62
14-05-2023	65.6	18.03	2.51	0.35	4.8	12.38	31.94	4.99	38.64	0.96	1.46	0	0	0	1.82	257.44	30.17	79.46	324.22	0	66
15-05-2023	69.94	17.65	0.91	0.41	4.8	12.26	31.97	4.95	38.64	0.96	1.45	0	0	0	1.85	257.58	29.86	77.76	320.19	0	70
16-05-2023	90.95	23	0.11	0.38	4.74	12.22	31.97	4.96	38.26	0.96	1.45	0	0	0	2.04	258.04	30.39	75.72	327.18	0	91
17-05-2023	95	22.24	2.05	0.36	4.83	12.36	32.03	4.99	38.8	0.96	1.46	0	0	0	1.89	257.69	30.68	76.22	330.98	0	95
18-05-2023	90.13	23.19	3.09	0.49	4.78	12.27	32.02	5.01	38.54	0.96	1.45	0	0	0	1.81	257.47	30.24	75.59	325.15	0	90
19-05-2023	93.95	21.64	0.33	0.44	4.85	12.32	32.03	4.96	38.93	0.96	1.46	0	0	0	1.86	257.34	29.75	77.29	318.66	0	94
20-05-2023	84.73	18.51	0.21	0.44	4.87	12.25	32.11	4.97	39.06	0.96	1.45	0	0	0	1.81	257.35	30.02	78.5	322.21	0	85
21-05-2023	75.2	20.91	1.16	0.52	4.81	12.26	31.85	4.98	38.7	0.96	1.45	0	0	0	1.89	257.5	29.99	78.04	321.9	0	75
22-05-2023	66.08	15.74	2.08	0.49	4.78	12.38	32.05	5.02	38.49	0.96	1.46	0	0	0	1.91	259.73	29.25	75.37	312.07	0	66
23-05-2023	69.03	16.49	1.12	0.51	4.79	12.35	31.93	5.02	38.57	0.96	1.46	0	0	0	1.72	258.12	29.36	75.09	313.61	0	69
24-05-2023	60.94	12.12	0.35	0.39	4.85	12.34	32.03	4.99	38.9	0.96	1.46	0	0	0	1.83	257.72	29.9	76.17	320.72	0	61
25-05-2023	59.97	13.21	0.45	0.36	4.83	12.27	32.11	4.99	38.81	0.96	1.45	0	0	0	1.88	257.94	29.59	78.73	316.52	0	60
26-05-2023	55.14	11.64	1.73	0.69	4.8	12.37	32.08	5	38.63	0.96	1.46	0	0	0	1.54	257.28	27.76	85.01	292.38	0	55
27-05-2023	69.22	14.87	1.03	0.4	4.78	12.25	32.08	5.01	38.52	0.96	1.45	0	0	0	2.04	257.57	29.58	76.11	316.48	0	69
28-05-2023	69.31	12.23	1.82	0.46	4.77	12.31	31.92	4.98	38.46	0.96	1.46	0	0	0	2.2	257.49	29.97	76.32	321.56	0	69
29-05-2023	76.95	22.71	0.53	0.44	4.8	12.17	31.97	4.99	38.62	0.96	1.45	0	0	0	1.96	257.64	29.95	72.94	321.39	0	77
30-05-2023	76.76	19.83	2.12	0.4	4.82	12.23	31.95	4.98	38.55	0.96	1.45	0	0	0	1.88	259.25	29.27	75.36	312.34	0	77
31-05-2023	75.3	31	3.53	0.41	4.78	12.3	32.02	4.97	38.67	0.96	1.45	0	0	0	1.8	257.54	29.32	77.87	312.98	0	75
Minimum	47.1	11.64	0.11	0.34	4.74	12.17	31.85	4.95	38.26	0.96	1.45	0	0	0	1.54	257.26	27.76	70.64	292.38	0	47
Maximum	95.00	31.00	3.75	0.69	4.87	12.40	32.18	5.02	39.06	0.96	1.46	0.00	0.00	0.00	2.20	259.73	30.68	85.01	330.98	0.00	104.00
Average/	71.18	20.06	1.42	0.44	4.80	12.30	32.02	4.99	38.65	0.96	1.46	0.00	0.00	0.00	1.89	257.90	29.55	76.75	316.01	0.00	73.03

KANNUR CAAQMS MONTHLY DATA AND AQI MAY 2023

PARAMETERS	PM10_	PM2.5	SO2	CO	NO_	NO2	NOX_	NH3	O3	BEN	TOLU_	ETHYL	MP_	OXY	WS	WD	TC	RH	SR_	RG_	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	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	m/s	degre----	degreC	%	W/m ²	m m	
01-05-2023	69.8	51.81	1.08	0.54	7.22	14.73	21.95	7.62	18.34	0.08	0.31	0.08	0.05	0.11	3.68	245.5	26.6	51.6	36.56	0	86
02-05-2023	66.93	48.23	4.97	0.89	6.83	14.16	20.99	8.08	16.72	0.24	0.73	0.39	0.46	0.31	4.2	248.52	29.1	54.1	368.63	0	80
03-05-2023	75.95	38.78	0.03	0.74	4.43	11.92	16.56	6.27	21.15	0	0	0	0	0	4.91	254.31	35.1	53.1	232.05	0	76
04-05-2023	74.76	38.17	25.39	0.73	4.36	11.9	16.02	6.1	20.72	0	0	0	0	0	4.09	249.18	35.1	53.1	237.24	0	75
05-05-2023	80.4	45.03	1.23	0.6	8.64	14.2	22.84	7.82	24.33	0.27	0.59	0.61	0.23	0.46	4.35	249.74	29.2	54.2	381.55	0	80
06-05-2023	77.16	33.94	1.18	0.58	8.21	13.19	20.26	7.92	22.5	0.42	0.19	0.54	0.29	0.37	3.83	246.43	26.6	51.6	33.51	0	77
07-05-2023	79.4	36.86	1.21	0.59	8.51	13.39	21.9	7.94	23.76	0.33	0.38	0.41	0.26	0.41	3.84	246.48	26.6	51.6	33.62	0	79
08-05-2023	74.77	38.17	13.73	0.71	4.36	11.7	16.06	6.24	20.66	0	0	0	0	0	4.7	253.62	34.2	52.2	111.66	0	75
09-05-2023	75	38.29	4.32	0.73	4.38	11.88	16.19	6.25	20.8	0	0	0	0	0	4.36	251.88	34.5	52.5	157.42	0	75
10-05-2023	75.16	38.37	3.14	0.74	4.38	11.81	16.32	6.17	20.86	0	0	0	0	0	4.63	252.74	34.4	52.4	145.81	0	75
11-05-2023	75.87	38.74	4.38	0.74	4.42	11.77	16.17	6.19	21.11	0	0	0	0	0	4.04	248.51	34.1	52.1	110.73	0.16	76
12-05-2023	76.02	38.81	1.62	0.37	1.96	12.39	14.38	6.96	21.03	0	0	0	0	0	3.99	248.05	34.1	52.1	125.65	0	76
13-05-2023	77.97	39.83	3.87	0.35	0.33	12.74	13.07	7.5	18.82	0	0	0	0	0	3.99	247.85	34	52	90.57	0.04	78
14-05-2023	77.35	39.52	2.83	0.35	0.31	12.74	13.06	7.5	13.25	0	0	0	0	0	4.4	252.04	34.7	52.7	184.42	0	77
15-05-2023	80.77	41.27	15.24	0.79	4.7	12.59	16.05	6	22.87	0	0	0	0	0	4.41	249.94	33.2	51.2	0	0	81
16-05-2023	84.97	43.43	13.17	0.83	4.94	12.24	16.01	5.33	24.37	0	0	0	0	0	2.77	240.18	33.2	51.2	0.06	0	85
17-05-2023	76.77	39.22	0.92	0.25	3.06	12.81	15.87	7.5	13.1	0	0	0	0	0	5.79	259.3	34.7	52.7	181.58	0	77
18-05-2023	77.12	39.39	2.9	0.24	3.05	12.81	15.85	7.5	13.19	0	0	0	0	0	5.36	256.2	34.1	52.1	113.01	0	77
19-05-2023	76.54	39.09	3.96	0.25	3.05	12.81	15.85	7.5	13.04	0	0	0	0	0	5.39	256.58	34.3	52.3	139.61	0	77
20-05-2023	76.68	39.17	2.74	0.34	3.04	12.81	15.85	7.5	13.08	0	0	0	0	0	5.73	258.87	34.3	52.3	127.73	0	77
21-05-2023	77.77	39.73	4.85	0.21	3.03	12.8	15.84	7.5	13.35	0	0	0	0	0	4.82	251.92	33.3	51.3	0.75	0	78
22-05-2023	71.74	28.52	2.35	1.13	9.19	13.54	21.44	9.55	20.78	0.1	0.29	0.1	0.05	0	3.59	245.09	28.1	53.1	270.26	0	72
23-05-2023	66.02	35.63	2.31	1.32	8.61	14.12	22.27	9.37	21.81	0.09	0.3	0.09	0.11	0	3.95	247.21	28.8	53.8	367.99	0	66
24-05-2023	69.36	33.03	1.42	0.97	8.7	14.25	21.43	9.43	19.64	0.09	0.31	0.09	0.05	0	4.26	249.25	29.7	54.7	485.07	0	69
25-05-2023	78.46	31.33	2.25	0.95	8.2	13.87	21.93	9.78	31.81	0.08	0.3	0.08	0.05	0	5.07	253.69	26.7	51.7	84.54	0	78
26-05-2023	75.29	38.43	1.68	0.88	8.51	14.23	21.88	9.44	20.49	0.09	0.31	0.09	0.46	0.04	5.69	257.73	27	52	123.26	0	75
27-05-2023	61.86	24.41	2.82	0.93	9.16	14.11	22.35	10.5	19.3	0.1	0.3	0.1	0.05	0.01	3.43	243.94	26.5	51.5	62.71	0	62
28-05-2023	62.73	27.71	2.03	0.92	8.84	13.97	21.99	9.65	23.29	0.09	0.3	0.09	0.05	0	4.28	250.38	27.4	52.4	178.29	0	63
29-05-2023	70.16	27.55	2.84	0.97	8.74	13.66	21.38	9.52	28.42	0.09	0.29	0.09	0.27	0	3.09	242.03	26.5	51.5	59.67	0	70
30-05-2023	77.95	39.82	1.46	0.35	4.12	12.83	16.95	7.5	13.4	0	0	0	0	0	4.69	252.58	34.6	52.6	168.83	0.24	78
31-05-2023	76.73	39.19	3.21	0.29	4	12.83	16.82	7.5	13.09	0	0	0	0	0	4.5	251.1	34.5	52.5	160.09	0.03	77
Minimum	61.86	24.41	0.03	0.21	0.31	11.7	13.06	5.33	13.04	0	0	0	0	0	2.77	240.18	26.5	51.2	0	0	62
Maximum	84.97	51.81	25.39	1.32	9.19	14.73	22.84	10.50	31.81	0.42	0.73	0.61	0.46	0.46	5.79	259.30	35.12	54.71	485.07	0.24	86.00
Average/	74.68	37.81	4.87	0.66	5.48	13.07	18.23	7.74	19.82	0.08	0.16	0.10	0.09	0.07	4.38	250.31	31.41	52.42	159.33	0.02	75.61