

## PLAMOODU CAAQMS MONTHLY DATA - FEBRUARY 2024

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
01-02-2024 Thu	0.55	17.8	6.4	11.0	17.4	8.6	6.3	27	48	26.3	72	1.1	74	143	755	0.0	48.0
02-02-2024 Fri	0.61	15.3	6.4	10.8	17.2	8.7	6.6	26	47	26.1	75	1.1	72	150	754	0.0	47.0
03-02-2024 Sat	0.64	15.7	6.1	10.9	17.1	8.7	8.6	24	44	26.5	73	1.2	68	166	754	0.0	44.0
04-02-2024 Sun	0.48	17.8	6.2	10.9	17.1	8.7	8.3	23	43	26.3	70	1.2	63	174	755	0.0	43.0
05-02-2024 Mon	0.59	16.7	6.6	10.7	17.4	8.7	8.7	26	47	25.9	71	1.2	72	167	755	0.0	47.0
06-02-2024 Tue	0.73	17.2	6.4	10.7	17.1	8.7	8.9	24	44	25.8	68	1.0	73	184	755	0.0	44.0
07-02-2024 Wed	0.55	18.2	6.5	10.6	17.1	8.6	7.9	25	45	25.7	67	1.2	66	182	755	0.0	45.0
08-02-2024 Thu	0.57	18.4	6.6	10.5	17.1	8.6	9.7	25	45	25.7	70	1.3	68	177	754	0.0	45.0
09-02-2024 Fri	0.69	17.0	6.6	10.3	17.0	8.6	8.2	20	36	25.6	67	1.2	73	181	754	0.0	36.0
10-02-2024 Sat	0.66	17.4	6.7	10.2	16.9	8.6	9.7	25	46	26.1	65	1.1	68	171	755	0.0	46.0
11-02-2024 Sun	0.56	17.0	6.6	10.1	16.8	8.6	8.7	30	54	26.0	67	1.2	63	178	754	0.0	54.0
12-02-2024 Mon	0.66	15.6	6.9	10.1	16.9	8.5	7.9	25	46	25.9	72	1.3	65	174	754	0.0	47.0
13-02-2024 Tue	0.77	16.3	6.9	9.6	16.5	8.6	10.7	18	34	26.5	68	1.1	73	185	754	0.0	38.0
14-02-2024 Wed	0.54	17.4	7.0	9.9	16.9	8.5	8.1	20	38	26.4	72	1.2	63	162	753	0.0	38.0
15-02-2024 Thu	0.60	24.6	7.0	9.7	16.8	8.5	8.4	16	31	26.5	65	1.2	64	181	753	0.0	31.0
16-02-2024 Fri	0.70	18.7	7.0	9.6	16.6	8.5	8.9	21	38	26.7	69	1.2	67	183	753	0.0	47.0
17-02-2024 Sat	0.56	16.8	7.2	9.4	16.6	8.5	8.1	17	32	26.7	72	1.2	66	175	753	0.0	32.0
18-02-2024 Sun	0.49	14.8	7.3	9.3	16.6	8.5	8.6	14	27	26.6	72	1.3	69	180	753	0.0	27.0
19-02-2024 Mon	0.74	16.6	7.3	9.4	16.6	8.5	8.3	19	36	26.5	71	1.2	70	184	753	0.0	37.0
20-02-2024 Tue	0.78	17.6	7.2	9.4	16.7	8.5	9.1	31	55	26.3	70	1.5	72	179	753	0.0	55.0
21-02-2024 Wed	0.66	20.9	7.4	9.1	16.5	8.5	9.9	37	63	26.6	71	1.2	70	177	753	0.0	63.0
22-02-2024 Thu	0.80	17.7	7.3	9.1	16.4	8.5	8.2	27	52	26.8	72	1.4	66	173	753	0.0	52.0
23-02-2024 Fri	0.57	15.7	7.7	8.9	16.6	8.4	8.4	22	48	26.5	71	1.5	67	187	753	0.0	48.0
24-02-2024 Sat	1.63	16.9	7.6	8.9	16.5	8.4	8.5	20	47	26.8	70	1.5	67	182	752	0.0	47.0
25-02-2024 Sun	0.68	18.7	7.9	8.5	16.4	8.5	8.2	33	64	26.6	70	1.4	65	166	751	0.0	64.0
26-02-2024 Mon	-	19.1	7.8	8.5	16.3	8.4	8.4	28	58	27.1	65	1.2	68	182	753	0.0	58.0
27-02-2024 Tue	-	18.1	8.0	8.4	16.4	8.5	8.3	23	46	27.3	64	1.4	63	195	753	0.0	46.0
28-02-2024 Wed	-	20.6	7.9	8.4	16.3	8.4	7.9	22	44	26.9	62	1.3	66	184	753	0.0	44.0
29-02-2024 Thu	-	19.2	7.9	8.3	16.2	8.4	9.8	25	47	26.8	64	1.5	70	192	754	0.0	47.0
<b>Average</b>	<b>0.67</b>	<b>17.7</b>	<b>7.0</b>	<b>9.7</b>	<b>16.8</b>	<b>8.5</b>	<b>8.5</b>	<b>24</b>	<b>45</b>	<b>26.4</b>	<b>69</b>	<b>1.3</b>	<b>68</b>	<b>176</b>	<b>754</b>		<b>45.0</b>
<b>Minimum</b>	<b>0.48</b>	<b>14.8</b>	<b>6.1</b>	<b>8.3</b>	<b>16.2</b>	<b>8.4</b>	<b>6.3</b>	<b>14</b>	<b>27</b>	<b>25.6</b>	<b>62</b>	<b>1.0</b>	<b>63</b>	<b>143</b>	<b>751</b>	<b>0.0</b>	<b>27.0</b>
<b>Maximum</b>	<b>1.63</b>	<b>24.6</b>	<b>8.0</b>	<b>11.0</b>	<b>17.4</b>	<b>8.7</b>	<b>10.7</b>	<b>37</b>	<b>64</b>	<b>27.3</b>	<b>75</b>	<b>1.5</b>	<b>74</b>	<b>195</b>	<b>755</b>	<b>0.0</b>	<b>64.0</b>
<b>Capture</b>	<b>82.6</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>99.9</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>98.4</b>	<b>100.0</b>	<b>100.0</b>

## KARYAVATTOM CAAQMS MONTHLY DATA - FEBRUARY 2024

PARAMETERS	PM10	PM2.5	SO2	CO	NO	NO2	NOX	NH3	O3	Benz	Tolue	Ethyl	Mpxy	Oxy	TEMPER	HUMIDI	WIND	WIND_D	SOLAR_F	RAIN_	AQI
UNITS	µg/m3	µg/m3	µg/m3	mg/m	µg/m	µg/m	µg/m3	µg/m3	µg/m3	µg/m	µg/m	µg/m	µg/m	µg/m	degreC	%	m/s	degre	W/m2	m m	
01-02-2024	79.56	46.99	5.38	0.44	3.22	7.14	10.39	3.22	29.15	0	0	0	0	0	31.34	77.85	0.28	243.05	112.49	0	80
02-02-2024	78.6	46.39	5.89	0.42	3.18	7.12	10.32	3.18	28.78	0	0	0	0	0	30.83	82.1	0.33	37.87	105.85	0	79
03-02-2024	78.13	46.1	6.01	0.49	3.16	7.18	10.47	3.16	28.6	0	0	0	0	0	31.47	80.49	0.07	219.58	114.07	0	78
04-02-2024	79.29	46.84	5.65	0.43	3.21	7.16	10.4	3.21	29.05	0	0	0	0	0	31.05	73.55	0.08	33.99	108.76	0	79
05-02-2024	80.07	46.49	5.68	0.49	3.16	7.17	10.49	3.16	28.64	0	0	0	0	0	30.06	80.68	0.47	37.68	95.93	0	80
06-02-2024	82.22	46.84	5.37	0.49	3.16	7.18	10.36	3.16	28.62	0	0	0	0	0	30.39	75.09	0.03	235.85	100.23	0	82
07-02-2024	83.13	47.38	6.37	0.57	3.2	7.16	10.41	3.2	28.98	0	0	0	0	0	30.25	72.15	0.22	23.59	98.4	0	83
08-02-2024	83.45	47.57	6.59	0.57	3.22	7.15	10.37	3.22	29.1	0	0	0	0	0	30.02	76.46	0.29	39.14	95.44	0	83
09-02-2024	83.57	47.64	5.63	0.46	3.22	7.05	10.51	3.22	29.15	0	0	0	0	0	30.24	70.41	0.41	10.19	98.28	0	84
10-02-2024	82.46	46.99	6.84	0.49	3.17	7.14	10.28	3.17	28.71	0	0	0	0	0	30.99	66.56	0.21	312.24	107.93	0	82
11-02-2024	83.54	47.62	6.42	0.47	3.22	7.06	10.36	3.22	29.13	0	0	0	0	0	30.87	66.62	0.05	220.83	106.39	0	84
12-02-2024	82.86	47.22	6.95	0.48	3.19	7.12	10.35	3.19	28.87	0	0	0	0	0	30.5	74.6	0.09	52.15	101.63	0	83
13-02-2024	82.16	46.82	7.12	0.47	3.16	7.16	10.48	3.16	28.62	0	0	0	0	0	31.27	72.41	0.12	331.24	111.55	0	82
14-02-2024	82.09	46.77	5.1	0.52	3.16	7.1	10.41	3.16	28.57	0	0	0	0	0	31.4	75.48	0.08	217.55	113.29	0	82
15-02-2024	82.71	46.87	7.23	0.48	3.17	7.07	10.46	3.17	28.65	0	0	0	0	0	31.4	66.45	0.04	322.15	113.19	0	83
16-02-2024	83.72	47.15	7.3	0.45	3.19	7.12	10.46	3.19	28.83	0	0	0	0	0	31.5	74.34	0.21	55.58	114.53	0	84
17-02-2024	82.68	46.55	6.65	0.42	3.14	7.17	10.45	3.14	28.43	0	0	0	0	0	31.58	78.95	0.21	69.47	115.49	0	83
18-02-2024	84.12	47.38	7.87	0.45	3.2	7.15	10.21	3.2	28.98	0	0	0	0	0	31.53	79.46	0.05	341.97	114.85	0	84
19-02-2024	83.52	47.04	6.73	0.42	3.18	7.06	10.41	3.18	28.76	0	0	0	0	0	31.29	77.51	0.33	40.61	111.77	0	84
20-02-2024	83.56	47.06	8.44	0.48	3.18	7.15	10.29	3.18	28.77	0	0	0	0	0	31.09	77.52	0.24	26.76	109.28	0	84
21-02-2024	83.8	47.2	6.24	0.44	3.19	7.18	10.41	3.19	28.86	0	0	0	0	0	31.96	76.39	0.24	245.05	120.48	0	84
22-02-2024	83.46	47	7.42	0.47	3.18	7.1	10.48	3.18	28.73	0	0	0	0	0	32.12	78.3	0.78	229.72	122.45	0	83
23-02-2024	84.14	47.4	7.41	0.51	3.21	7.12	10.48	3.21	29	0	0	0	0	0	31.75	75.84	0.71	231.73	117.74	0	84
24-02-2024	84.09	47.37	6.2	0.42	3.2	7.02	10.42	3.2	28.97	0	0	0	0	0	32.12	74.21	1.02	232.71	122.45	0	84
25-02-2024	83.26	46.89	7.39	0.43	3.17	7.11	10.4	3.17	28.66	0	0	0	0	0	31.83	75.09	0.15	212.51	118.76	0	83
26-02-2024	82.72	46.58	5.84	0.56	3.14	7.15	10.43	3.14	28.45	0	0	0	0	0	32.48	65.91	0.3	249.23	127.13	0	83
27-02-2024	83.99	47.31	7.22	0.43	3.2	7.14	10.36	3.2	28.94	0	0	0	0	0	32.71	64.83	0.04	115.72	130.15	0	84
28-02-2024	82.9	46.68	6.44	0.5	3.15	7.12	10.44	3.15	28.52	0	0	0	0	0	32.47	61.48	0.38	241.52	127.08	0	83
29-02-2024	83.3	46.91	7.04	0.48	3.17	7.03	10.57	3.17	28.67	0	0	0	0	0	32.49	63.42	0.46	241.66	127.33	0	83
Minimum /re	78.13	46.1	5.1	0.42	3.14	7.02	10.21	3.14	28.43	0	0	0	0	0	30.02	61.48	0.03	10.19	95.44	0	78
Maximum /re	84.14	47.64	8.44	0.57	3.22	7.18	10.57	3.22	29.15	0	0	0	0	0	32.71	82.1	1.02	341.97	130.15	0	84
Average/resu	82.43	46.99	6.58	0.47	3.18	7.12	10.41	3.18	28.80	0	0	0	0	0	31.35	73.48	0.29	168.50	112.53	0	82.45

## KOLLAM CAAQMS MONTHLY DATA - FEBRUARY 2024

Parameters	PM10	PM2.5	SO2	CO	NO	NO2	NOX	NH3	O3	BEN	TOL U	ETH YL	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>	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	degr eC	%	W/m2	m m	
01-02-2024	99.94	77.96	1.74	0.57	2.27	6.7	9.84	2.84	33.42	0.84	0.6	0.59	0.63	0.5	2.48	124.79	28.42	77.23	126.2	0	160
02-02-2024	106.43	83.93	6.11	0.63	2.28	6.68	9.84	2.85	33.34	0.84	0.6	0.59	0.63	0.49	1.59	115.22	28.34	78.44	125.8	0	180
03-02-2024	92.34	69.85	3.31	0.5	2.28	6.69	9.86	2.88	33.5	0.83	0.6	0.59	0.63	0.5	1	69.92	28.5	78.9	142.8	0	133
04-02-2024	78.91	56.41	1.41	0.42	2.28	6.62	9.79	2.82	33.36	0.83	0.61	0.59	0.62	0.5	0.56	149.76	28.36	73.97	154.7	0	94
05-02-2024	78.75	56.25	111.36	0.48	2.29	6.68	9.8	2.82	32.88	0.84	0.6	0.59	0.63	0.5	0.71	256.2	27.88	74.9	130.8	0	110
06-02-2024	84.13	61.64	2.05	0.39	2.3	6.6	9.8	2.86	33.07	0.84	0.6	0.59	0.63	0.51	1.43	204.56	28.07	65.22	121.3	0	105
07-02-2024	103.56	81.67	3.34	0.47	2.25	6.63	9.99	2.83	32.54	0.83	0.6	0.6	0.62	0.49	0.78	103.64	27.54	73.1	95.3	0	172
08-02-2024	89.87	67.37	2.43	0.51	2.27	6.67	9.85	2.84	32.29	0.83	0.6	0.59	0.62	0.5	0.25	50.25	27.29	76.38	121.7	0	125
09-02-2024	70.85	48.35	1.82	0.46	2.29	6.71	9.78	2.86	33.21	0.84	0.61	0.59	0.63	0.5	1.08	223.41	28.21	68.76	123.4	0	81
10-02-2024	79.09	56.59	1.88	0.35	2.25	6.65	9.93	2.84	34.35	0.83	0.6	0.6	0.63	0.5	3.59	218.48	29.35	57.39	114.5	0	94
11-02-2024	107.81	85.31	2.22	0.4	2.29	6.7	9.74	2.87	33.52	0.84	0.61	0.58	0.63	0.5	1.7	223.42	28.52	62.83	124.3	0	184
12-02-2024	98.63	76.13	1.81	0.39	2.28	6.67	9.9	2.84	33.03	0.84	0.6	0.6	0.62	0.5	1.3	237.31	28.03	63.11	129.3	0	154
13-02-2024	82.69	60.19	2.06	0.36	2.3	6.62	9.82	2.89	33.92	0.84	0.6	0.59	0.63	0.5	1.57	211.91	28.92	64.45	126.6	0	101
14-02-2024	71.61	49.11	1.71	0.48	2.28	6.69	9.81	2.85	33.75	0.84	0.6	0.59	0.63	0.5	0.85	242.18	28.75	70.24	134.9	0	82
15-02-2024	79.44	56.94	2.45	0.46	2.23	6.63	9.84	2.84	33.86	0.82	0.6	0.59	0.63	0.5	1.92	215.28	28.86	61.99	125.5	0	95
16-02-2024	77.18	54.68	2.01	0.4	2.26	6.66	9.79	2.82	34.1	0.83	0.6	0.59	0.62	0.5	2.56	225.99	29.1	62.27	129.9	0	91
17-02-2024	72.35	49.85	2.58	0.39	2.27	6.64	9.84	2.86	33.9	0.83	0.6	0.59	0.63	0.5	0.66	278.75	28.9	66.89	138.3	0	83
18-02-2024	75.94	53.44	2.31	0.35	2.29	6.73	9.84	2.84	33.2	0.84	0.61	0.59	0.62	0.51	0.82	193.13	28.2	71.7	143.1	0	89
19-02-2024	82.11	59.61	7.94	0.49	2.29	6.56	9.85	2.89	35.05	0.84	0.59	0.59	0.63	0.5	0.88	7.98	30.05	64.74	152	0	99
20-02-2024	84.89	62.39	1.28	0.55	2.27	6.68	9.79	2.81	33.5	0.84	0.6	0.59	0.62	0.5	0.58	305.71	28.5	74.2	136.9	0	99
21-02-2024	103.04	81.07	1.15	0.76	2.27	6.65	9.95	2.83	33.75	0.83	0.6	0.6	0.62	0.5	1.48	91.39	28.75	80.19	131.1	0	108
22-02-2024	79.67	57.16	0.95	0.65	2.3	6.66	9.81	2.81	34.17	0.85	0.6	0.59	0.62	0.5	2.22	88.86	29.17	79.07	156.2	0	170
23-02-2024	77.42	54.93	1.24	0.53	2.28	6.67	9.85	2.82	34.35	0.84	0.6	0.59	0.62	0.49	2.84	73.34	29.35	75.69	138.6	0	95
24-02-2024	69.37	46.87	1.53	0.52	2.29	6.69	9.81	2.87	33.65	0.84	0.6	0.59	0.63	0.5	2.45	113.07	28.65	77.93	136.3	0	92
25-02-2024	81.63	59.12	1.5	0.44	2.28	6.69	9.83	2.87	33.96	0.84	0.6	0.59	0.63	0.5	1.45	124.71	28.96	73.68	139.7	0	78
26-02-2024	70.31	47.81	1.74	0.36	2.26	6.66	9.88	2.86	35.1	0.83	0.6	0.59	0.63	0.51	3.25	218.21	30.1	59.23	132.9	0	99
27-02-2024	68.66	46.15	2.34	0.3	2.29	6.63	9.83	2.8	35.16	0.84	0.6	0.59	0.62	0.5	2.84	217.35	30.17	61.73	133.5	0	80
28-02-2024	61.37	38.87	2.23	0.24	2.27	6.68	9.88	2.83	34.44	0.83	0.6	0.59	0.62	0.5	2.06	241.53	29.44	60.06	134.4	0	77
29-02-2024	64.06	41.56	3.46	0.3	2.28	6.69	9.9	2.84	34.06	0.84	0.6	0.6	0.62	0.5	0.91	257.55	29.06	62.76	137.9	0	65
<b>Minimum /result</b>	61.37	38.87	0.95	0.24	2.23	6.56	9.74	2.8	32.29	0.82	0.59	0.58	0.62	0.49	0.25	7.98	27.29	57.39	95.3	0	65
<b>Maximum /result</b>	107.81	85.31	111.36	0.76	2.3	6.73	9.99	2.89	35.16	0.85	0.61	0.6	0.63	0.51	3.59	305.71	30.17	80.19	156.2	0	184
<b>Average/result</b>	82.62	60.17	9.36	0.46	2.28	6.66	9.84	2.84	33.74	0.84	0.60	0.59	0.63	0.5	1.60	174.12	28.74	69.50	131.92	0	111.10

## ELOOR CAAQMS MONTHLY DATA - FEBRUARY 2024

DATE	PM10	PM2.5	SO2	CO	NO	NO2	NOX	NH3	O3	WS	WD	TC	HR	RG	AQI
UNIT	ug/m3	ug/m3	ug/m3	mg/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	m/s	degreC	degreC	%	m m	
01-02-2024	43.32	28.09	0.95	0.97	2.02	3.27	5.86	2.04	11.53	0.73	333.13	30.96	83.94	0	49
02-02-2024	43.37	28.14	2.43	0.94	1.99	3.26	5.8	2.04	11.37	0.66	330.87	30.94	84.36	0	47
03-02-2024	40.34	25.11	0.86	0.8	2	3.33	5.8	2.04	12.05	0.35	327.79	31.8	86.34	0	42
04-02-2024	39.55	24.32	1.24	0.93	1.98	3.31	5.79	2.06	13.23	0.54	335.66	34.01	78.54	0	47
05-02-2024	42.08	26.85	1.1	0.74	1.98	3.31	5.78	2.03	13.3	0.16	58.83	33.93	67.84	0	45
06-02-2024	46.45	31.21	1.81	0.68	1.98	3.34	5.78	2.04	13.88	0.21	5.24	34.55	68.4	0	42
07-02-2024	48.64	33.41	1.65	0.85	1.98	3.34	5.79	2.05	13.04	0.37	355.12	33.56	79.61	0	56
08-02-2024	48.59	33.36	1.4	0.62	1.99	3.34	5.76	2.05	12.52	0.04	325.9	35.08	82.34	0	56
09-02-2024	45.26	30.03	1.21	0.66	1.98	3.29	5.73	2.04	12.79	0.14	24.66	36.58	71.84	0	50
10-02-2024	47.61	32.37	1.22	0.73	2.01	3.31	5.79	2.07	14.58	0.3	57.79	36.22	73.09	0	54
11-02-2024	43.76	28.53	1.46	0.75	1.99	3.3	5.84	2.04	13.03	0.2	351.44	34.23	68.72	0	48
12-02-2024	43.02	27.79	1.36	0.65	1.99	3.35	5.85	2.03	13.81	0.03	182.39	34.08	74.29	0	46
13-02-2024	43.02	27.79	1.3	0.76	2.02	3.29	5.85	2.06	13.73	0.44	2.02	36.02	69.66	0	46
14-02-2024	39.76	24.53	1.3	0.76	1.99	3.28	5.86	2.02	13.08	0.36	326.15	35.11	74.06	0	41
15-02-2024	42.93	27.7	1.32	0.74	1.99	3.32	5.77	2.02	13.54	0.26	357.72	35.95	72.58	0	46
16-02-2024	46.1	30.87	0.87	0.71	2	3.3	5.91	2.04	15.31	0.31	58.58	36.78	65.49	0	51
17-02-2024	52.32	37.09	1.37	0.73	2	3.37	5.81	2.04	18.06	0.11	347.13	35.93	69.53	0	62
18-02-2024	47.81	32.58	2.5	0.71	2	3.3	5.8	2.05	17.03	0.32	338.07	39.36	77.19	0	54
19-02-2024	44.34	29.11	2.4	0.8	1.99	3.3	5.87	2.05	15.62	0.23	355.1	36.65	78.2	0	49
20-02-2024	45.05	29.82	1.18	0.72	2	3.33	5.78	2.04	14.14	0.09	53.93	34.94	69.93	0	50
21-02-2024	44.88	29.65	2.36	1.1	1.98	3.3	5.79	2.02	13.25	0.81	315.13	33.43	84.43	0	55
22-02-2024	42.02	26.79	1.21	1.02	1.99	3.33	5.81	2.05	12.62	0.66	320.23	33.25	86.76	0	51
23-02-2024	40.87	25.64	2.26	1.04	1.99	3.37	5.84	2.04	11.8	0.64	321.06	33.2	84.57	0	52
24-02-2024	41.28	26.06	2.37	1.08	2	3.33	5.77	2.05	12.05	0.78	323.43	33.44	82.34	0	54
25-02-2024	38.86	23.63	1.13	1.05	1.99	3.31	5.74	2.08	14.48	0.65	315.09	34.55	76.89	0	53
26-02-2024	37.88	22.66	2.2	0.76	1.98	3.38	5.83	2.05	15.38	0.32	48.46	38.05	71.48	0	38
27-02-2024	41.06	25.83	1.88	1.18	1.99	3.26	5.83	2.03	13.82	0.67	331.12	38.75	73.25	0	59
28-02-2024	43.41	28.17	2.48	0.95	1.99	3.24	5.8	2.01	14.97	0.19	345.31	36.39	73.59	0	48
29-02-2024	44.46	29.23	2.05	0.7	2.01	3.32	5.77	2.04	14.25	0.25	210.82	34.44	75.44	0	49
Minimum /result	37.88	22.66	0.86	0.62	1.98	3.24	5.73	2.01	11.37	0.03	2.02	30.94	65.49	0	38
Maximum /result	52.32	37.09	2.5	1.18	2.02	3.38	5.91	2.08	18.06	0.81	357.72	39.36	86.76	0	62
Average/result	43.81	28.58	1.62	0.84	1.99	3.31	5.81	2.04	13.80	0.38	239.29	34.92	76.03	0.00	49.6774

## THRISSUR CAAQMS MONTHLY DATA - FEBRUARY 2024

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	degreC	degreC	%	W/m <sup>2</sup>	m m	
01-02-2024	59.4	30.42	11.24	1.29	5.74	7.85	18.39	2.99	24.8	0.96	1.45	0	0	0	1.85	251.21	27.66	74.37	291.06	0	65
02-02-2024	58.29	30.58	13.33	1.14	5.76	7.87	18.34	3.01	24.64	0.96	1.45	0	0	0	1.83	250.64	27.5	73.46	288.97	0	58
03-02-2024	57.98	30.32	31.81	0.77	5.73	7.97	18.38	2.97	29.52	0.96	1.46	0	0	0	1.55	251.08	27.69	76.44		0	58
04-02-2024	58.41	30.6	4.43	0.38	5.76	7.94	18.35	3	38.73	0.96	1.46	0	0	0	1.84	251.46	28.92	63.37		0	58
05-02-2024	58.3	30.55	16.97	0.58	5.75	7.9	18.43	3.02	38.67	0.96	1.46	0	0	0	1.69	251.29	28.65	60.01		0	58
06-02-2024	58.43	30.61	6.7	0.57	5.76	7.89	18.38	3	38.75	0.96	1.45	0	0	0	2.12	251.12	28.63	60.38		0	58
07-02-2024	58.49	30.64	11.59	0.57	5.76	7.91	18.45	2.99	38.78	0.96	1.45	0	0	0	1.83	251.14	29.14	60.68		0	58
08-02-2024	58.36	30.58	7.2	0.67	5.76	7.92	18.45	2.99	38.7	0.96	1.46	0	0	0	1.68	251.15	28.62	59.68		0	58
09-02-2024	57.96	30.4	3.14	0.61	5.74	7.88	18.41	2.97	38.47	0.96	1.45	0	0	0	1.77	251.02	28.76	62.66		0	58
10-02-2024	58.81	28.75	18.69	0.92	5.12	7.39	12.51	2.74	34.12	0.96	1.45	0	0	0	1.78	250.42	29.41	63.14		0	59
11-02-2024	57.12	30.51	7.89	0.85	5.38	7.65	13	2.91	35.95	0.96	1.45	0	0	0	1.95	257.82	29.7	65.29		0	57
12-02-2024	58.5	29.74	5.47	0.76	5.75	7.97	18.54	2.95	38.79	0.96	1.46	0	0	0	1.73	251.13	29.75	48.26		0	59
13-02-2024	57.5	30.48	8.39	0.92	5.77	7.98	18.45	2.98	38.2	0.96	1.46	0	0	0	2.25	251.62	28.86	59.42		0	58
14-02-2024	58.73	30.61	11.74	0.78	5.76	7.88	18.46	2.99	38.92	0.96	1.46	0	0	0	2.1	251.24	29.53	63.99		0	59
15-02-2024	58.56	30.7	10.09	0.97	5.75	7.79	18.61	2.97	38.84	0.96	1.45	0	0	0	1.92	273.05	29.42	51.28		0	59
16-02-2024	61.65	29.31	12.39	0.6	3.89	6.72	11.56	2.36	32.81	0.96	1.46	0	0	0	2.26	260.09	30.2	46.82		0	62
17-02-2024	63.99	28.42	19.2	0.56	2.74	5.83	7.33	1.98	29.51	0.96	1.45	0	0	0	1.96	258.75	29.98	50.29		0	64
18-02-2024	64.43	28.61	5.21	0.78	2.76	5.93	7.37	1.99	29.72	0.96	1.46	0	0	0	1.7	258.19	29.34	61.02		0	64
19-02-2024	63.68	28.28	9.03	0.63	2.72	5.93	7.4	1.99	29.37	0.96	1.46	0	0	0	1.87	258.13	29.38	62.16		0	64
20-02-2024	64.32	28.56	4.71	0.63	2.76	5.86	7.39	1.98	29.67	0.96	1.45	0	0	0	1.71	257.61	29.66	63.43		0	64
21-02-2024	64.03	28.43	7.2	0.49	2.74	5.86	7.29	1.99	29.53	0.96	1.45	0	0	0	1.71	257.28	29.17	74.94		0	64
22-02-2024	64.19	28.5	2.38	0.57	2.75	5.88	7.42	1.98	29.61	0.96	1.45	0	0	0	1.89	256.37	28.66	73.68		0	64
23-02-2024	64.06	28.45	5.21	0.51	2.74	5.92	7.44	2.01	29.55	0.96	1.46	0	0	0	1.91	259.32	28.28	72.32		0	64
24-02-2024	64.07	28.45	4.51	0.56	2.74	5.98	7.37	2	29.55	0.96	1.46	0	0	0	1.97	256.79	28.06	72.33		0	64
25-02-2024	65.04	28.88	6.65	0.52	2.8	5.96	7.46	1.99	30.01	0.96	1.46	0	0	0	1.81	251.21	29.08	69.26		0	65
26-02-2024	64.14	28.48	1.81	0.46	2.75	5.88	7.35	1.98	29.59	0.96	1.45	0	0	0	2.01	251.08	29.93	58.47		0	64
27-02-2024	63.57	28.23	10.14	0.36	2.71	5.92	7.56	1.99	29.32	0.96	1.46	0	0	0	2.77	251.22	29.5	58.09		0	64
28-02-2024	64.44	28.61	5.6	0.38	2.76	5.94	7.54	2.01	29.56	0.96	1.46	0	0	0	1.78	251.17	31.69	57.75		0	64
29-02-2024	64.76	28.76	8.02	0.4	2.78	5.85	7.47	1.99	29.28	0.96	1.45	0	0	0	1.64	260.6	29.79	65.21		0	65
Minimum /result	57.12	28.23	1.81	0.36	2.71	5.83	7.29	1.98	24.64	0.96	1.45	0	0	0	1.55	250.42	27.5	46.82		0	57
Maximum /result	65.04	30.70	31.81	1.29	5.77	7.98	18.61	3.02	38.92	0.96	1.46	0.00	0.00	0.00	2.77	273.05	31.69	76.44	291.06	0.00	65.00
Average/result	61.08	29.50	9.82	0.67	4.30	6.94	12.87	2.51	32.79	0.96	1.46	0.00	0.00	0.00	1.91	255.05	29.17	62.95	290.36	0.00	61.23

## KANNUR CAAQMS MONTHLY DATA - FEBRUARY 2024

DATE	PM10	PM25	SO2	CO	NO	NO2	NOX	NH3	O3	BEN	TOLU	ETHL	MP	OXYL	WS	DV	TC	HR	RS	RG	AQI
UNIT	ug/m3	ug/m3	ug/m3	mg/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	m/s	degreC	degreC	%	W/m2	m m	
01-02-2024	62.95	28.52	4.23	0.66	2.8	4.95	7.57	2.2	32.03	0.5	0.1	0.5	0.1	0	6.57	262.75	34.03	52.03	104.38	0	63
02-02-2024	62.25	28.19	4.16	0.65	2.77	4.97	7.53	2.22	32.06	0.5	0.1	0.5	0.1	0	5.87	259.12	34.06	52.06	108.55	0	62
03-02-2024	62.39	28.25	4.17	0.65	2.78	4.98	7.5	2.18	32.05	0.5	0.1	0.5	0.1	0	5.67	257.33	34.05	52.05	100.93	0	62
04-02-2024	62.46	28.28	4.18	0.65	2.78	4.97	7.54	2.19	32.03	0.5	0.1	0.5	0.1	0	5.66	257.75	34.03	52.03	96.37	0	62
05-02-2024	62.79	28.45	4.21	0.65	2.79	5	7.52	2.18	32.2	0.5	0.1	0.5	0.1	0	5.77	258.15	34.2	52.2	116.59	0	63
06-02-2024	62.33	28.23	4.17	0.65	2.78	4.92	7.54	2.22	32.27	0.5	0.1	0.5	0.1	0	5.97	259.29	34.27	52.27	124.48	0	62
07-02-2024	62.67	28.39	4.2	0.65	2.79	5	7.59	2.2	32.25	0.5	0.1	0.5	0.1	0	6.01	259.64	34.25	52.25	121.43	0	63
08-02-2024	62.56	28.34	4.19	0.65	2.78	4.99	7.66	2.22	32.1	0.5	0.1	0.5	0.1	0	5.64	257.28	34.1	52.1	107.7	0	63
09-02-2024	61.85	28	4.12	0.64	2.75	4.95	7.59	2.2	32.13	0.5	0.1	0.5	0.1	0	5.59	257.05	34.13	52.13	109.75	0	62
10-02-2024	62.73	28.42	4.21	0.65	2.79	4.99	7.6	2.2	32.29	0.5	0.1	0.5	0.1	0	5.81	258.82	34.29	52.29	126.88	0	63
11-02-2024	62.75	28.43	4.21	0.65	2.79	4.99	7.54	2.21	32.33	0.5	0.1	0.5	0.1	0	5.7	257.49	34.33	51.23	133.23	0	63
12-02-2024	63.43	28.75	4.27	0.66	2.82	4.94	7.62	2.19	32.23	0.5	0.1	0.5	0.1	0	5.56	256.7	34.23	52.23	123.32	0	63
13-02-2024	62.56	28.33	4.19	0.65	2.78	5.02	7.59	2.2	32.19	0.5	0.1	0.5	0.1	0	5.79	258.19	34.19	52.19	117.23	0	63
14-02-2024	62.48	28.3	4.18	0.65	2.78	4.98	7.63	2.22	32.38	0.5	0.1	0.5	0.1	0	5.67	257.29	34.38	52.38	139.75	0	62
15-02-2024	62.44	28.28	4.18	0.65	2.78	4.98	7.53	2.23	32.5	0.5	0.1	0.5	0.1	0	5.69	257.63	34.5	52.5	154.61	0	62
16-02-2024	66.09	31.1	4.55	0.65	2.85	5.01	7.58	2.21	32.54	0.5	0.1	0.5	0.1	0	4.56	253.53	34.54	52.54	161.04	0	66
17-02-2024	69.4	33.63	4.88	0.65	2.92	4.97	7.5	2.19	32.48	0.5	0.1	0.5	0.1	0	2.93	241.89	34.48	52.48	152.72	0	69
18-02-2024	69.3	33.58	4.87	0.65	2.91	4.98	7.56	2.21	32.74	0.5	0.1	0.5	0.1	0	4.9	255.38	34.74	52.74	186.49	0	69
19-02-2024	69.85	33.85	4.92	0.66	2.93	5.01	7.55	2.18	32.7	0.5	0.1	0.5	0.1	0	5.25	255.99	34.7	52.7	181.8	0	70
20-02-2024	68.02	32.87	4.75	0.64	2.86	5.01	7.58	2.19	32.58	0.5	0.1	0.5	0.1	0	3.37	246.16	34.58	52.58	165.07	0	68
21-02-2024	69.17	33.49	4.86	0.65	2.91	5.01	7.58	2.19	32.64	0.5	0.1	0.5	0.1	0	3.34	245.05	34.64	52.64	173.5	0	69
22-02-2024	69	33.41	4.84	0.65	2.9	5	7.55	2.2	32.59	0.5	0.1	0.5	0.1	0	3.97	249.82	34.59	52.59	167.45	0	69
23-02-2024	69.33	33.59	4.87	0.65	2.91	5.04	7.68	2.17	32.42	0.5	0.1	0.5	0.1	0	3.54	246.39	34.42	52.42	146.86	0	69
24-02-2024	69.38	33.6	4.88	0.65	2.91	4.98	7.46	2.18	32.52	0.5	0.1	0.5	0.1	0	3.57	246.59	34.52	52.52	158.73	0	69
25-02-2024	68.66	33.22	4.81	0.64	2.89	5.04	7.49	2.19	32.49	0.5	0.1	0.5	0.1	0	2.87	242.02	34.49	51.93	153.15	0	69
26-02-2024	70.13	34.02	4.95	0.66	2.94	5.02	7.44	2.2	32.52	0.5	0.1	0.5	0.1	0	2.16	237.84	34.52	52.52	159.02	0	70
27-02-2024	69.58	33.72	4.9	0.65	2.92	5	7.56	2.18	32.45	0.5	0.1	0.5	0.1	0	3.78	248.85	34.45	52.45	148.36	0	70
28-02-2024	69.27	33.54	4.87	0.65	2.91	5	7.59	2.2	32.55	0.5	0.1	0.5	0.1	0	4.55	250.78	34.55	52.55	161.66	0	69
29-02-2024	69.36	33.6	4.88	0.65	2.91	4.99	7.57	2.17	32.68	0.5	0.1	0.5	0.1	0	3.06	243.25	34.68	52.68	178.52	0	69
Minimum /re	61.85	28	4.12	0.64	2.75	4.92	7.44	2.17	32.03	0.5	0.1	0.5	0.1	0	2.16	237.84	34.03	51.23	96.37	0	62
Maximum /re	70.13	34.02	4.95	0.66	2.94	5.04	7.68	2.23	32.74	0.5	0.1	0.5	0.1	0	6.57	262.75	34.74	52.74	186.49	0	70
Average/resu	65.7	30.77	4.51	0.65	2.84	4.99	7.56	2.2	32.38	0.5	0.1	0.5	0.1	0	4.76	254.7	34.38	52.32	140.67	0	65.65