



Tamil Nadu Pollution Control Board

Air Quality Index of 34 CAAQM Station on 20 December, 2023 @ 16:00

Sl.No	District (Location)		SO2 µg/m3	NO2 µg/m3	CO mg/m3	PM2.5 µg/m3	PM10 µg/m3	AQI Index	AQI Value	Prominent Pollutant
1	Ariyalur		14	17	0.6	40	78	Satisfactory	78	PM10
2	Chengalpattu (Vandalur)		12	18	0.5	52	85	Satisfactory	87	PM2.5
3	Chennai	Kodungaiyur	44	18	0.5	25	94	Satisfactory	94	PM10
4		Koyambedu	14	19	0.5	51	97	Satisfactory	97	PM10
5		Perungudi	2	9	0.6	46	81	Satisfactory	81	PM10
6		Royapuram	38	14	0.5	26	92	Satisfactory	92	PM10
7	Coimbatore	Kuruchi-SIDCO	15	17	0.6	49	99	Satisfactory	99	PM10
8		PSG Collage	15	19	0.7	44	82	Satisfactory	82	PM10
9	Cuddalore	Semmendalam	N/D (EB issue)							
10		SIPCOT	13	17	0.3	54	117	Moderate	111	PM10
11	Dindigul		N/D (Shifting)							
12	Hosur		N/D (Building renovation work)							
13	Kanchipuram		12	14	0.4	23	48	Good	48	PM10
14	Karur		11	13	0.5	26	51	Satisfactory	51	PM10
15	Madurai		12	17	0.4	42	89	Satisfactory	89	PM10
16	Nagapattinam		8	11	0.3	10	26	Good	26	PM10
17	Namakkal		12	16	0.5	32	61	Satisfactory	61	PM10
18	Ooty		7	10	0.3	12	19	Good	20	PM2.5
19	Perundurai		8	3	0.4	31	70	Satisfactory	70	PM10
20	Pudukkottai		11	16	0.6	56	79	Satisfactory	93	PM2.5
21	Ramanathapuram		12	14	0.3	49	62	Satisfactory	82	PM2.5
22	Ranipet, SIPCOT		16	21	0.7	64	112	Moderate	113	PM2.5
23	Salem		14	18	0.6	48	80	Satisfactory	80	PM10
24	Thanjavur		13	15	0.1	44	67	Satisfactory	73	PM2.5
25	Thiruvallur	Gummidipoondi	14	1	0.6	68	122	Moderate	127	PM2.5
26		Kathivakkam	14	18	0.3	55	101	Moderate	101	PM10
27		Manali	11	9	0.6	51	82	Satisfactory	85	PM2.5
28	Thoothukudi		N/D(Due to Powercut)							
29	Tirunelveli		9	12	0.7	14	25	Good	25	PM10
30	Tiruppur		16	19	0.9	41	85	Satisfactory	85	PM10
31	Trichy	City	13	16	0.5	48	90	Satisfactory	90	PM10
32		Rural	15	21	0.5	36	77	Satisfactory	77	PM10
33	Vellore		12	19	0.3	67	109	Moderate	123	PM2.5
34	Virudhunagar		14	24	0.5	47	92	Satisfactory	92	PM10

*ND- No Data

Note* AQI is Calculated based on the data generated in one CAAQMS in each Locations

- 0-50 Good Minimal impact
- 51-100 Satisfactory Minor breathing discomfort to sensitive people
- 101-200 Moderate Breathing discomfort to the people with lungs, asthma and heart diseases
- 201-300 Poor Breathing discomfort to the to most people on prolonged exposure
- 301-400 Very Poor Respiratory illness on prolonged exposure
- 401-500 Severe Affects healthy people and seriously impacts those with existing diseases

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