



Tamil Nadu Pollution Control Board

Air Quality Index of 34 CAAQM Station on 12 December, 2023

Sl.No	District (Location)	SO2	NO2	CO	PM2.5	PM10	AQI Index	AQI Value	Prominent Pollutant	
1	Ariyalur	10	12	0.3	15	47	Good	47	PM10	
2	Chengalpattu (Vandalur)	11	18	0.4	24	51	Satisfactory	51	PM10	
3	Chennai	Kodungaiyur	28	12	0.6	18	82	Satisfactory	82	PM10
4		Koyambedu	10	23	-	43	91	Satisfactory	91	PM10
5		Perungudi	3	12	0.7	42	93	Satisfactory	93	PM10
6		Royapuram	3	12	0.6	38	71	Satisfactory	71	PM10
7	Coimbatore	Kuruchi-SIDCO	15	25	0.5	62	103	Moderate	107	PM2.5
8		PSG Collage	9	12	0.3	20	46	Good	46	PM10
9	Cuddalore	Semmendalam	7	9	0.2	34	43	Satisfactory	57	PM2.5
10		SIPCOT	13	17	0.3	36	73	Satisfactory	73	PM10
11	Dindigul	N/A (Due to Shifting)								
12	Hosur	N/A (Due to Building renovation work)								
13	Kanchipuram	12	16	0.3	24	50	Good	50	PM10	
14	Karur	10	14	0.4	21	48	Good	48	PM10	
15	Madurai	4	10	0.6	31	65	Satisfactory	65	PM10	
16	Nagapattinam	7	11	0.2	11	31	Good	31	PM10	
17	Namakkal	11	18	0.3	51	58	Satisfactory	86	PM2.5	
18	Ooty	10	13	0.3	27	45	Good	45	PM10	
19	Perundurai	9	5	0.4	28	61	Satisfactory	61	PM10	
20	Pudukkottai	5	9	0.5	13	46	Good	46	PM10	
21	Ramanathapuram	8	10	0.2	28	53	Satisfactory	53	PM10	
22	Ranipet, SIPCOT	8	17	0.3	38	58	Satisfactory	63	PM2.5	
23	Salem	6	8	0.6	25	29	Good	41	PM10	
24	Thanjavur	10	13	0.2	17	44	Good	44	PM10	
25	Thiruvallur	Gummidipoondi	9	4	-	58	108	Moderate	108	PM10
26		Kathivakkam	13	19	0.4	31	57	Satisfactory	57	PM10
27		Manali	N/A (Due to Power cut Cyclone effect)							
28	Thoothukudi	7	9	0.1	-	41	Good	41	PM10	
29	Tirunelveli	12	23	0.9	36	49	Satisfactory	60	PM2.5	
30	Tiruppur	16	18	0.8	36	67	Satisfactory	67	PM10	
31	Trichy	City	8	14	0.6	26	50	Good	50	PM10
32		Rural	12	18	0.1	23	47	Good	47	PM10
33	Vellore	8	12	0.3	20	42	Good	42	PM10	
34	Virudhunagar	12	19	0.4	30	59	Satisfactory	59	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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