



Tamil Nadu Pollution Control Board

Air Quality Index of 34 CAAQM Station on 16 December, 2023

Sl.No	District (Location)		SO ₂	NO ₂	CO	PM _{2.5}	PM ₁₀	AQI Index	AQI Value	Prominent Pollutant
1	Ariyalur		8	11	0.3	18	39	Good	39	PM ₁₀
2	Chengalpattu (Vandalur)		10	16	0.4	26	54	Satisfactory	54	PM ₁₀
3	Chennai	Kodungaiyur	39	9	0.6	15	57	Satisfactory	57	PM ₁₀
4		Koyambedu	7	21	0.5	44	69	Satisfactory	69	PM ₁₀
5		Perungudi	2	11	0.6	36	60	Satisfactory	60	PM ₁₀
6		Royapuram	4	9	0.5	31	49	Good	49	PM ₁₀
7	Coimbatore	Kuruchi-SIDCO	17	14	0.9	65	92	Moderate	119	PM _{2.5}
8		PSG Collage	8	10	0.3	22	49	Good	49	PM ₁₀
9	Cuddalore	Semmedalam	N/A (Power shutdown)							
10		SIPCOT	7	14	0.3	44	88	Satisfactory	88	PM ₁₀
11	Dindigul		N/A (Shifting)							
12	Hosur		N/A							
13	Kanchipuram		10	13	0.3	26	57	Satisfactory	57	PM ₁₀
14	Karur		9	19	0.2	24	43	Good	43	PM ₁₀
15	Madurai		8	15	0.3	29	61	Satisfactory	61	PM ₁₀
16	Nagapattinam		8	12	0.1	13	32	Good	32	PM ₁₀
17	Namakkal		13	18	0.3	47	58	Satisfactory	78	PM _{2.5}
18	Ooty		10	12	0.4	13	27	Good	27	PM ₁₀
19	Perundurai		8	5	0.5	33	69	Satisfactory	69	PM ₁₀
20	Pudukkottai		9	13	0.5	16	38	Good	38	PM ₁₀
21	Ramanathapuram		8	9	0.1	38	54	Satisfactory	63	PM _{2.5}
22	Ranipet, SIPCOT		N/A (Power shutdown)							
23	Salem		7	15	0.6	48	48	Satisfactory	84	PM ₁₀
24	Thanjavur		10	12	0.2	15	34	Good	34	PM ₁₀
25	Thiruvallur	Gummidipoondi	11	2	0.4	74	137	Moderate	147	PM _{2.5}
26		Kathivakkam	6	8	0.3	46	84	Satisfactory	84	PM ₁₀
27		Manali	13	5	0.8	N/A	73	Satisfactory	73	PM ₁₀
28	Thoothukudi		9	5	0.2	N/A	61	Satisfactory	61	PM ₁₀
29	Tirunelveli		10	15	0.9	45	61	Satisfactory	75	PM _{2.5}
30	Tiruppur		12	18	0.6	24	63	Satisfactory	63	PM ₁₀
31	Trichy	City	7	12	0.5	19	40	Good	40	PM ₁₀
32		Rural	N/A (Power shutdown)							
33	Vellore		7	10	0.3	23	47	Good	47	PM ₁₀
34	Virudhunagar		13	16	0.5	43	85	Satisfactory	85	PM ₁₀

*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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