



Tamil Nadu Pollution Control Board

Air Quality Index of 34 CAAQM Station on 26 December, 2023

| Sl.No | District (Location) | SO2 | NO2 | CO | PM2.5 | PM10 | AQI Index | AQI Value | Prominent Pollutant | |
|-------|-------------------------|--------------------------------|------------------------|-----|-------|------|--------------|--------------|---------------------|-------|
| 1 | Ariyalur | 12 | 15 | 0.5 | 22 | 45 | Good | 45 | PM10 | |
| 2 | Chengalpattu (Vandalur) | 14 | 17 | 0.6 | 41 | 78 | Satisfactory | 78 | PM10 | |
| 3 | Chennai | Kodungaiyur | 41 | 15 | 0.6 | 21 | 89 | Satisfactory | 89 | PM10 |
| 4 | | Koyambedu | 14 | 20 | - | 45 | 89 | Satisfactory | 89 | PM10 |
| 5 | | Perungudi | 3 | 5 | 0.5 | 38 | 82 | Satisfactory | 82 | PM10 |
| 6 | | Royapuram | 12 | 16 | 0.6 | 21 | 89 | Satisfactory | 89 | PM2.5 |
| 7 | Coimbatore | Kuruchi-SIDCO | 8 | 11 | 0.8 | 31 | 58 | Satisfactory | 58 | PM10 |
| 8 | | PSG Collage | 15 | 18 | 0.7 | 51 | 94 | Satisfactory | 94 | PM10 |
| 9 | Cuddalore | Semmandalam | N/A (EB bill not paid) | | | | | | | |
| 10 | | SIPCOT | 13 | 17 | 0.4 | 28 | 58 | Satisfactory | 58 | PM10 |
| 11 | Dindigul | N/A (Shifting) | | | | | | | | |
| 12 | Hosur | N/A (Building renovation work) | | | | | | | | |
| 13 | Kanchipuram | 13 | 16 | 0.5 | 32 | 61 | Satisfactory | 61 | PM10 | |
| 14 | Karur | 11 | 13 | 0.5 | 25 | 48 | Good | 48 | PM10 | |
| 15 | Madurai | 12 | 14 | 0.4 | 21 | 44 | Good | 44 | PM10 | |
| 16 | Nagapattinam | 13 | 15 | 0.3 | 21 | 42 | Good | 42 | PM10 | |
| 17 | Namakkal | 9 | 14 | 0.4 | 16 | 38 | Good | 38 | PM10 | |
| 18 | Ooty | 8 | 11 | 0.3 | 16 | 30 | Good | 30 | PM10 | |
| 19 | Perundurai | 8 | 10 | 0.5 | 36 | 78 | Satisfactory | 78 | PM10 | |
| 20 | Pudukkottai | 11 | 16 | 0.6 | 31 | 67 | Satisfactory | 67 | PM10 | |
| 21 | Ramanathapuram | 10 | 13 | 0.3 | 14 | 38 | Good | 38 | PM10 | |
| 22 | Ranipet, SIPCOT | 12 | 14 | 0.6 | 21 | 43 | Good | 43 | PM10 | |
| 23 | Salem | 15 | 19 | 0.7 | 78 | 107 | Moderate | 160 | PM2.5 | |
| 24 | Thanjavur | 13 | 16 | 0.4 | 41 | 60 | Satisfactory | 69 | PM2.5 | |
| 25 | Thiruvallur | Gummidipoondi | 9 | 6 | - | 84 | 140 | Moderate | 180 | PM2.5 |
| 26 | | Kathivakkam | 12 | 15 | 0.3 | 37 | 69 | Satisfactory | 69 | PM10 |
| 27 | | Manali | N/A (PC Issues) | | | | | | | |
| 28 | Thoothukudi | N/A (Power shutdown) | | | | | | | | |
| 29 | Tirunelveli | 10 | 16 | 0.8 | 15 | 34 | Good | 34 | PM10 | |
| 30 | Tiruppur | 12 | 15 | 0.6 | 22 | 46 | Good | 46 | PM10 | |
| 31 | Trichy | City | 14 | 17 | 0.6 | 23 | 48 | Good | 48 | PM10 |
| 32 | | Rural | 12 | 16 | 0.5 | 16 | 33 | Good | 33 | PM10 |
| 33 | Vellore | 12 | 18 | 0.3 | 52 | 78 | Satisfactory | 87 | PM2.5 | |
| 34 | Virudhunagar | 13 | 15 | 0.4 | 14 | 30 | Good | 30 | 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 |

Signed Copy