



Tamil Nadu Pollution Control Board

Air Quality Index of 34 CAAQM Station on 09, March , 2023

| Sl.No | District (Location) | SO2 | NO2 | CO | PM2.5 | PM10 | AQI Index | AQI Value | Prominent Pollutant | |
|-------|-------------------------|---------------|-----|-----|-------|------|--------------|--------------|---------------------|------|
| 1 | Ariyalur | 6 | 11 | 0.5 | 39 | 56 | Satisfactory | 56 | PM10 | |
| 2 | Chengalpattu (Vandalur) | 24 | 23 | 0.5 | 41 | 73 | Satisfactory | 73 | PM10 | |
| 3 | Chennai | Kodungaiyur | 4 | 15 | 0.7 | 15 | 71 | Satisfactory | 71 | PM10 |
| 4 | | Koyambedu | 3 | 5 | 0.4 | 38 | 84 | Satisfactory | 84 | PM10 |
| 5 | | Perungudi | 5 | 8 | 0.5 | 33 | 105 | Moderate | 105 | PM10 |
| 6 | | Royapuram | 6 | 22 | 0.9 | 29 | 68 | Satisfactory | 68 | PM10 |
| 7 | Coimbatore | Kuruchi-SIDCO | 8 | 14 | 0.4 | 35 | 53 | Satisfactory | 53 | PM10 |
| 8 | | PSG Collage | 4 | 9 | 0.6 | 43 | 69 | Satisfactory | 69 | PM10 |
| 9 | Cuddalore | Semmendalam | 2 | 6 | 0.2 | 37 | 46 | Good | 46 | PM10 |
| 10 | | SIPCOT | 15 | 24 | 0.6 | 42 | 53 | Satisfactory | 53 | PM10 |
| 11 | Dindigul | 10 | 12 | 0.5 | 47 | 78 | Satisfactory | 78 | PM10 | |
| 12 | Hosur | 10 | 14 | 0.4 | 56 | 106 | Moderate | 106 | PM10 | |
| 13 | Kanchipuram | 10 | 12 | 0.2 | 34 | 102 | Moderate | 102 | PM10 | |
| 14 | Karur | 20 | 27 | 0.5 | 40 | 71 | Satisfactory | 71 | PM10 | |
| 15 | Madurai | 5 | 14 | 0.1 | 17 | 35 | Good | 35 | PM10 | |
| 16 | Nagapattinam | 21 | 24 | 0.6 | 26 | 49 | Good | 49 | PM10 | |
| 17 | Namakkal | 25 | 35 | 0.3 | 42 | 50 | Good | 50 | PM10 | |
| 18 | Ooty | 20 | 24 | 0.7 | 39 | 75 | Satisfactory | 75 | PM10 | |
| 19 | Perundurai | 8 | 16 | 0.6 | 45 | 86 | Satisfactory | 86 | PM10 | |
| 20 | Pudukkottai | 20 | 24 | 0.8 | 25 | 66 | Satisfactory | 66 | PM10 | |
| 21 | Ramanathapuram | 17 | 24 | 0.2 | 33 | 66 | Satisfactory | 66 | PM10 | |
| 22 | Ranipet, SIPCOT | 12 | 14 | 0.6 | 36 | 56 | Satisfactory | 56 | PM10 | |
| 23 | Salem | 16 | 18 | 0.6 | 34 | 64 | Satisfactory | 64 | PM10 | |
| 24 | Thanjavur | 13 | 17 | 0.1 | 37 | 67 | Satisfactory | 67 | PM10 | |
| 25 | Thiruvallur | Gummidipoondi | 7 | 11 | 0.6 | 91 | 157 | Moderate | 157 | PM10 |
| 26 | | Kathivakkam | 8 | 23 | 0.1 | 34 | 72 | Satisfactory | 72 | PM10 |
| 27 | | Manali | 10 | 16 | 0.6 | 53 | 105 | Moderate | 105 | PM10 |
| 28 | Thoothukudi | 6 | 14 | 0.5 | 26 | 45 | Good | 45 | PM10 | |
| 29 | Tirunelveli | 16 | 21 | 0.9 | 45 | 85 | Satisfactory | 85 | PM10 | |
| 30 | Tiruppur | 23 | 26 | 0.4 | 36 | 74 | Satisfactory | 74 | PM10 | |
| 31 | Trichy | City | 20 | 24 | 0.6 | 40 | 78 | Satisfactory | 78 | PM10 |
| 32 | | Rural | 21 | 25 | 0.3 | 34 | 61 | Satisfactory | 61 | PM10 |
| 33 | Vellore | 21 | 7 | 0.3 | 48 | 88 | Satisfactory | 88 | PM10 | |
| 34 | Virudhunagar | 14 | 16 | 0.8 | 36 | 72 | Satisfactory | 72 | 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