



Tamil Nadu Pollution Control Board

Air Quality Index of 34 CAAQM Station on 18 October, 2023@16:00 Hrs

| Sl.No | District (Location) | | SO2 | NO2 | CO | PM2.5 | PM10 | AQI Index | AQI Value | Prominent Pollutant |
|-------|-------------------------|---------------|-----|-----|-----|-------|------|--------------|-----------|---------------------|
| 1 | Ariyalur | | 13 | 17 | 0.6 | 28 | 58 | Satisfactory | 58 | PM10 |
| 2 | Chengalpattu (Vandalur) | | 12 | 19 | 0.7 | 29 | 61 | Satisfactory | 61 | PM10 |
| 3 | Chennai | Kodungaiyur | 8 | 17 | 0.7 | 27 | 120 | Moderate | 113 | PM10 |
| 4 | | Koyambedu | 13 | 22 | 0.4 | 44 | 115 | Moderate | 110 | PM10 |
| 5 | | Perungudi | 3 | 14 | 0.5 | 40 | 120 | Moderate | 113 | PM10 |
| 6 | | Royapuram | 3 | 21 | 0.7 | 42 | 89 | Satisfactory | 89 | PM10 |
| 7 | Coimbatore | Kuruchi-SIDCO | 14 | 45 | 0.7 | 49 | 71 | Satisfactory | 82 | PM2.5 |
| 8 | | PSG Collage | 6 | 14 | 0.7 | 31 | 48 | Satisfactory | 53 | PM2.5 |
| 9 | Cuddalore | Semmendalam | ND | | | | | | | |
| 10 | | SIPCOT | 12 | 23 | 0.6 | 37 | 76 | Satisfactory | 76 | PM10 |
| 11 | Dindigul | | ND | | | | | | | |
| 12 | Hosur | | 13 | 17 | 0.3 | 50 | 97 | Satisfactory | 97 | PM10 |
| 13 | Kanchipuram | | 14 | 18 | 0.1 | 34 | 71 | Satisfactory | 71 | PM10 |
| 14 | Karur | | 12 | 15 | 0.6 | 24 | 52 | Satisfactory | 52 | PM10 |
| 15 | Madurai | | 9 | 14 | 0.3 | 12 | 42 | Good | 42 | PM10 |
| 16 | Nagapattinam | | 8 | 11 | 0.4 | 12 | 33 | Good | 33 | PM10 |
| 17 | Namakkal | | 11 | 16 | 0.5 | 23 | 51 | Satisfactory | 51 | PM10 |
| 18 | Ooty | | 10 | 15 | 0.3 | 20 | 36 | Good | 36 | PM10 |
| 19 | Perundurai | | 11 | 14 | 0.4 | 29 | 60 | Satisfactory | 60 | PM10 |
| 20 | Pudukkottai | | 11 | 16 | 0.5 | 34 | 65 | Satisfactory | 65 | PM10 |
| 21 | Ramanathapuram | | 9 | 13 | 0.3 | 27 | 58 | Satisfactory | 58 | PM10 |
| 22 | Ranipet, SIPCOT | | 12 | 14 | 0.5 | 34 | 60 | Satisfactory | 60 | PM10 |
| 23 | Salem | | 16 | 20 | 0.6 | 47 | 66 | Satisfactory | 78 | PM2.5 |
| 24 | Thanjavur | | 13 | 15 | 0.1 | 28 | 55 | Satisfactory | 55 | PM10 |
| 25 | Thiruvallur | Gummidipoondi | 6 | 7 | 0.8 | 102 | 184 | Poor | 242 | PM2.5 |
| 26 | | Kathivakkam | 14 | 16 | 0.2 | 36 | 71 | Satisfactory | 71 | PM10 |
| 27 | | Manali | 4 | 7 | 0.5 | 39 | 68 | Satisfactory | 68 | PM10 |
| 28 | Thoothukudi | | 4 | 11 | 0.4 | N/A | 41 | Satisfactory | 41 | PM10 |
| 29 | Tirunelveli | | 11 | 14 | 0.9 | 28 | 44 | Good | 47 | PM2.5 |
| 30 | Tiruppur | | 12 | 15 | 0.5 | 38 | 69 | Satisfactory | 69 | PM10 |
| 31 | Trichy | City | 9 | 17 | 0.7 | 34 | 72 | Satisfactory | 72 | PM10 |
| 32 | | Rural | 10 | 13 | 0.3 | 24 | 49 | Good | 49 | PM10 |
| 33 | Vellore | | 12 | 14 | 0.6 | 23 | 47 | Good | 47 | PM10 |
| 34 | Virudhunagar | | 13 | 16 | 0.4 | 21 | 44 | Good | 44 | 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