



## Tamil Nadu Pollution Control Board

### Air Quality Index of 34 CAAQM Station on 10 December, 2023

| Sl.No | District (Location)     | SO2                                   | NO2                                   | CO   | PM2.5 | PM10 | AQI Index    | AQI Value    | Prominent Pollutant |       |
|-------|-------------------------|---------------------------------------|---------------------------------------|------|-------|------|--------------|--------------|---------------------|-------|
| 1     | Ariyalur                | 8                                     | 10                                    | 0.4  | 11    | 20   | Good         | 20           | PM10                |       |
| 2     | Chengalpattu (Vandalur) | 10                                    | 11                                    | 0.4  | 26    | 50   | Good         | 50           | PM10                |       |
| 3     | Chennai                 | Kodungaiyur                           | 23                                    | 11   | 0.6   | 13   | 56           | Satisfactory | 56                  | PM10  |
| 4     |                         | Koyambedu                             | 9                                     | 23   | -     | 44   | 87           | Satisfactory | 87                  | PM10  |
| 5     |                         | Perungudi                             | 3                                     | 13   | 0.6   | 39   | 85           | Satisfactory | 85                  | PM10  |
| 6     |                         | Royapuram                             | -                                     | 10.9 | 0.61  | 47   | 24           | Good         | 47                  | PM10  |
| 7     | Coimbatore              | Kuruchi-SIDCO                         | 15                                    | 35   | 0.5   | 52   | 76           | Satisfactory | 76                  | PM10  |
| 8     |                         | PSG Collage                           | 6                                     | 12   | 0.4   | 20   | 44           | Good         | 44                  | PM10  |
| 9     | Cuddalore               | Semmendalam                           | 8                                     | 11   | 0.2   | 22   | 28           | Good         | 37                  | PM2.5 |
| 10    |                         | SIPCOT                                | 8                                     | 14   | 0.3   | 30   | 60           | Satisfactory | 60                  | PM10  |
| 11    | Dindigul                | N/A (Due to Shifting)                 |                                       |      |       |      |              |              |                     |       |
| 12    | Hosur                   | N/A (Due to Building Renovation work) |                                       |      |       |      |              |              |                     |       |
| 13    | Kanchipuram             | 13                                    | 17                                    | 0.3  | 21    | 44   | Good         | 44           | PM10                |       |
| 14    | Karur                   | 11                                    | 15                                    | 0.2  | 17    | 27   | Good         | 28           | PM2.5               |       |
| 15    | Madurai                 | 4                                     | 10                                    | 0.2  | 18    | 37   | Good         | 37           | PM10                |       |
| 16    | Nagapattinam            | 6                                     | 9                                     | 0.2  | 15    | 28   | Good         | 28           | PM10                |       |
| 17    | Namakkal                | 9                                     | 11                                    | 0.2  | 37    | 43   | Satisfactory | 62           | PM2.5               |       |
| 18    | Ooty                    | 10                                    | 13                                    | 0.3  | 20    | 29   | Good         | 34           | PM2.5               |       |
| 19    | Perundurai              | 9                                     | 5                                     | 0.5  | 24    | 58   | Satisfactory | 58           | PM10                |       |
| 20    | Pudukkottai             | 4                                     | 9                                     | 0.5  | 20    | 34   | Good         | 34           | PM10                |       |
| 21    | Ramanathapuram          | 8                                     | 10                                    | 0.1  | 14    | 32   | Good         | 32           | PM10                |       |
| 22    | Ranipet, SIPCOT         | 8                                     | 17                                    | 0.2  | 35    | 44   | Satisfactory | 58           | PM10                |       |
| 23    | Salem                   | 8                                     | 12                                    | 0.5  | 17    | 21   | Good         | 28           | PM2.5               |       |
| 24    | Thanjavur               | 12                                    | 16                                    | 0.1  | 24    | 40   | Good         | 40           | PM10                |       |
| 25    | Thiruvallur             | Gummidipoondi                         | 9                                     | 7    | -     | 61   | 105          | Moderate     | 104                 | PM2.5 |
| 26    |                         | Kathivakkam                           | 8                                     | 10   | 0.3   | 17   | 38           | Good         | 38                  | PM10  |
| 27    |                         | Manali                                | N/A (Due to Power cut Cyclone effect) |      |       |      |              |              |                     |       |
| 28    | Thoothukudi             | 7                                     | 9                                     | 0.3  | -     | 23   | Good         | 23           | PM10                |       |
| 29    | Tirunelveli             | 9                                     | 16                                    | 0.8  | 18    | 24   | Good         | 31           | PM2.5               |       |
| 30    | Tiruppur                | 20                                    | 21                                    | 0.5  | 24    | 55   | Satisfactory | 55           | PM10                |       |
| 31    | Trichy                  | City                                  | 10                                    | 14   | 0.4   | 24   | 47           | Good         | 47                  | PM10  |
| 32    |                         | Rural                                 | 12                                    | 15   | 0.1   | 15   | 31           | Good         | 31                  | PM10  |
| 33    | Vellore                 | 11                                    | 15                                    | 0.2  | 43    | 73   | Satisfactory | 73           | PM10                |       |
| 34    | Virudhunagar            | 10                                    | 16                                    | 0.4  | 14    | 28   | Good         | 28           | 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**