



## Tamil Nadu Pollution Control Board

### Air Quality Index of 34 CAAQM Station on 01 FEBRUARY, 2024

| Sl.No | District (Location)     | SO2<br>µg/m3                   | NO2<br>µg/m3                         | CO<br>mg/m3 | PM2.5<br>µg/m3 | PM10<br>µg/m3 | AQI Index    | AQI Value    | Prominent Pollutant |       |
|-------|-------------------------|--------------------------------|--------------------------------------|-------------|----------------|---------------|--------------|--------------|---------------------|-------|
| 1     | Ariyalur                | 13                             | 20                                   | 0.4         | 22             | 45            | Good         | 45           | PM10                |       |
| 2     | Chengalpattu (Vandalur) | 18                             | 23                                   | 0.5         | 12             | 36            | Good         | 36           | PM10                |       |
| 3     | Chennai                 | Kodungaiyur                    | 4                                    | 10          | 0.5            | 14            | 59           | Satisfactory | 59                  | PM10  |
| 4     |                         | Koyambedu                      | 5                                    | 15          | 0.5            | 25            | 60           | Satisfactory | 60                  | PM10  |
| 5     |                         | Perungudi                      | 3                                    | 8           | 0.6            | 29            | 64           | Satisfactory | 64                  | PM10  |
| 6     |                         | Royapuram                      | 3                                    | 18          | 0.5            | 17            | 34           | Good         | 34                  | PM10  |
| 7     | Coimbatore              | Kuruchi-SIDCO                  | 16                                   | 23          | 0.6            | 47            | 94           | Satisfactory | 94                  | PM10  |
| 8     |                         | PSG Collage                    | 14                                   | 17          | 0.4            | 52            | 90           | Satisfactory | 90                  | PM10  |
| 9     | Cuddalore               | Semmendalam                    | 10                                   | 14          | 0.3            | 20            | 25           | Good         | 33                  | PM2.5 |
| 10    |                         | SIPCOT                         | 14                                   | 21          | 0.3            | 21            | 42           | Good         | 42                  | PM10  |
| 11    | Dindigul                | N/A (Shifting)                 |                                      |             |                |               |              |              |                     |       |
| 12    | Hosur                   | N/A (Building renovation work) |                                      |             |                |               |              |              |                     |       |
| 13    | Kanchipuram             | 9                              | 14                                   | 0.4         | 34             | 59            | Satisfactory | 59           | PM10                |       |
| 14    | Karur                   | 12                             | 17                                   | 0.6         | 55             | 95            | Satisfactory | 95           | PM10                |       |
| 15    | Madurai                 | 10                             | 16                                   | 0.5         | 25             | 51            | Satisfactory | 51           | PM10                |       |
| 16    | Nagapattinam            | 11                             | 13                                   | 0.5         | 24             | 56            | Satisfactory | 56           | PM10                |       |
| 17    | Namakkal                | 9                              | 8                                    | 0.5         | 28             | 61            | Satisfactory | 61           | PM10                |       |
| 18    | Ooty                    | 11                             | 14                                   | 0.4         | 46             | 75            | Satisfactory | 75           | PM10                |       |
| 19    | Perundurai              | 10                             | 9                                    | 0.4         | 0              | 66            | Satisfactory | 66           | PM10                |       |
| 20    | Pudukkottai             | 11                             | 19                                   | 0.5         | 25             | 69            | Satisfactory | 69           | PM10                |       |
| 21    | Ramanathapuram          | 7                              | 12                                   | 0.3         | 15             | 44            | Good         | 44           | PM10                |       |
| 22    | Ranipet, SIPCOT         | 18                             | 24                                   | 0.3         | 33             | 69            | Satisfactory | 69           | PM10                |       |
| 23    | Salem                   | 17                             | 21                                   | 0.6         | 43             | 74            | Satisfactory | 74           | PM10                |       |
| 24    | Thanjavur               | 13                             | 16                                   | 0.4         | 33             | 38            | Satisfactory | 52           | PM2.5               |       |
| 25    | Thiruvallur             | Gummidipoondi                  | 10                                   | 9           | 0.6            | 43            | 88           | Satisfactory | 88                  | PM10  |
| 26    |                         | Kathivakkam                    | 11                                   | 16          | 0.5            | 30            | 53           | Satisfactory | 53                  | PM10  |
| 27    |                         | Manali                         | 13                                   | 22          | 0.5            | 52            | 68           | Satisfactory | 87                  | PM2.5 |
| 28    | Thoothukudi             | 12                             | 21                                   | 0.6         | -              | 39            | Good         | 39           | PM10                |       |
| 29    | Tirunelveli             | 13                             | 19                                   | 0.5         | 23             | 34            | Good         | 39           | PM2.5               |       |
| 30    | Tiruppur                | 14                             | 22                                   | 0.5         | 32             | 88            | Satisfactory | 88           | PM10                |       |
| 31    | Trichy                  | City                           | N/A (EB Issue Transformer Replacing) |             |                |               |              |              |                     |       |
| 32    |                         | Rural                          | 13                                   | 18          | 0.4            | 17            | 35           | Good         | 35                  | PM10  |
| 33    | Vellore                 | 12                             | 11                                   | 0.2         | 39             | 76            | Satisfactory | 76           | PM10                |       |
| 34    | Virudhunagar            | 13                             | 20                                   | 0.6         | 19             | 37            | Good         | 37           | 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**