



## Tamil Nadu Pollution Control Board

### Air Quality Index of 34 CAAQM Station on 31, March , 2023 @16:00Hrs

| Sl.No | District (Location)     | SO2           | NO2 | CO  | PM2.5 | PM10 | AQI Index    | AQI Value    | Prominent Pollutant |      |
|-------|-------------------------|---------------|-----|-----|-------|------|--------------|--------------|---------------------|------|
| 1     | Ariyalur                | 16            | 38  | 0.5 | 32    | 53   | Satisfactory | 53           | PM10                |      |
| 2     | Chengalpattu (Vandalur) | 10            | 15  | 0.7 | 32    | 54   | Satisfactory | 54           | PM10                |      |
| 3     | Chennai                 | Kodungaiyur   | 7   | 11  | 0.6   | 10   | 36           | Good         | 36                  | PM10 |
| 4     |                         | Koyambedu     | 3   | 3   | 0.4   | 14   | 33           | Good         | 33                  | PM10 |
| 5     |                         | Perungudi     | 5   | 3   | 0.4   | 7    | 28           | Good         | 28                  | PM10 |
| 6     |                         | Royapuram     | 7   | 10  | 0.2   | 8    | 31           | Good         | 31                  | PM10 |
| 7     | Coimbatore              | Kuruchi-SIDCO | 10  | 16  | 0     | 79   | 127          | Moderate     | 127                 | PM10 |
| 8     |                         | PSG Collage   | 11  | 14  | 0.5   | 27   | 50           | Good         | 50                  | PM10 |
| 9     | Cuddalore               | Semmendalam   | 5   | 9   | 0.1   | 12   | 21           | Good         | 21                  | PM10 |
| 10    |                         | SIPCOT        | 15  | 23  | 0.6   | 21   | 33           | Good         | 33                  | PM10 |
| 11    | Dindigul                | 10            | 13  | 0.5 | 34    | 60   | Satisfactory | 60           | PM10                |      |
| 12    | Hosur                   | 15            | 19  | 0.4 | 39    | 74   | Satisfactory | 74           | PM10                |      |
| 13    | Kanchipuram             | 9             | 14  | 0.1 | 16    | 32   | Good         | 32           | PM10                |      |
| 14    | Karur                   | 9             | 11  | 0.2 | 23    | 40   | Good         | 40           | PM10                |      |
| 15    | Madurai                 | 10            | 16  | 0.6 | 25    | 51   | Satisfactory | 51           | PM10                |      |
| 16    | Nagapattinam            | 15            | 16  | 0.5 | 20    | 46   | Good         | 46           | PM10                |      |
| 17    | Namakkal                | 15            | 24  | 0.3 | 33    | 46   | Good         | 46           | PM10                |      |
| 18    | Ooty                    | 10            | 13  | 0.2 | 34    | 49   | Good         | 49           | PM10                |      |
| 19    | Perundurai              | 6             | 14  | 0.5 | 38    | 83   | Satisfactory | 83           | PM10                |      |
| 20    | Pudukkottai             | 7             | 9   | 0.6 | 21    | 59   | Satisfactory | 59           | PM10                |      |
| 21    | Ramanathapuram          | 11            | 14  | 0.3 | 17    | 31   | Good         | 31           | PM10                |      |
| 22    | Ranipet, SIPCOT         | 12            | 16  | 0.4 | 19    | 47   | Good         | 47           | PM10                |      |
| 23    | Salem                   | 10            | 14  | 0.6 | 17    | 36   | Good         | 36           | PM10                |      |
| 24    | Thanjavur               | 12            | 16  | 0.1 | 17    | 27   | Good         | 27           | PM10                |      |
| 25    | Thiruvallur             | Gummidipoondi | 6   | 12  | 0.5   | 29   | 65           | Satisfactory | 65                  | PM10 |
| 26    |                         | Kathivakkam   | 9   | 23  | 0.1   | 13   | 29           | Good         | 29                  | PM10 |
| 27    |                         | Manali        | 17  | 26  | 0.8   | 47   | 83           | Satisfactory | 83                  | PM10 |
| 28    | Thoothukudi             | 7             | 19  | 0.6 | 35    | 50   | Good         | 50           | PM10                |      |
| 29    | Tirunelveli             | 16            | 20  | 0.6 | 20    | 39   | Good         | 39           | PM10                |      |
| 30    | Tiruppur                | 21            | 17  | 0.2 | 24    | 51   | Satisfactory | 51           | PM10                |      |
| 31    | Trichy                  | City          | 14  | 17  | 0.2   | 35   | 57           | Satisfactory | 57                  | PM10 |
| 32    |                         | Rural         | 14  | 19  | 0.1   | 15   | 31           | Good         | 31                  | PM10 |
| 33    | Vellore                 | 8             | 10  | 0.4 | 41    | 70   | Satisfactory | 70           | PM10                |      |
| 34    | Virudhunagar            | 14            | 17  | 0.7 | 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**