



## Tamil Nadu Pollution Control Board

### Air Quality Index of 34 CAAQM Station on 08, February , 2023 @16:00

| Sl.No | District (Location)     |               | SO2 | NO2 | CO  | PM2.5 | PM10 | AQI Index    | AQI Value | Prominent Pollutant |
|-------|-------------------------|---------------|-----|-----|-----|-------|------|--------------|-----------|---------------------|
| 1     | Ariyalur                |               | 23  | 41  | 0.2 | 40    | 58   | Satisfactory | 58        | PM10                |
| 2     | Chengalpattu (Vandalur) |               | 18  | 23  | 0.7 | 63    | 115  | Moderate     | 115       | PM10                |
| 3     | Chennai                 | Kodungaiyur   | 4   | 17  | 0.4 | 22    | 91   | Satisfactory | 91        | PM10                |
| 4     |                         | Koyambedu     | 2   | 11  | 0.4 | 36    | 80   | Satisfactory | 80        | PM10                |
| 5     |                         | Perungudi     | 4   | 14  | 0.5 | 45    | 166  | Moderate     | 166       | PM10                |
| 6     |                         | Royapuram     | 4   | 48  | 0.5 | 37    | 74   | Satisfactory | 74        | PM10                |
| 7     | Coimbatore              | Kuruchi-SIDCO | 14  | 16  | 0.8 | 66    | 89   | Satisfactory | 89        | PM10                |
| 8     |                         | PSG Collage   | 21  | 32  | 0.2 | 44    | 73   | Satisfactory | 73        | PM10                |
| 9     | Cuddalore               | Semmendalam   | 7   | 9   | 0.1 | 38    | 48   | Good         | 48        | PM10                |
| 10    |                         | SIPCOT        | 16  | 44  | 0.6 | 37    | 51   | Satisfactory | 51        | PM10                |
| 11    | Dindigul                |               | 13  | 17  | 0.4 | 42    | 62   | Satisfactory | 62        | PM10                |
| 12    | Hosur                   |               | 18  | 23  | 0.3 | 73    | 140  | Moderate     | 140       | PM10                |
| 13    | Kanchipuram             |               | 12  | 17  | 0.4 | 41    | 67   | Satisfactory | 67        | PM10                |
| 14    | Karur                   |               | 30  | 38  | 0.5 | 46    | 78   | Satisfactory | 78        | PM10                |
| 15    | Madurai                 |               | 8   | 11  | 0.7 | 39    | 78   | Satisfactory | 78        | PM10                |
| 16    | Nagapattinam            |               | 12  | 15  | 0.4 | 29    | 48   | Good         | 48        | PM10                |
| 17    | Namakkal                |               | 27  | 25  | 0.4 | 56    | 63   | Satisfactory | 63        | PM10                |
| 18    | Ooty                    |               | 19  | 37  | 0.5 | 60    | 104  | Moderate     | 104       | PM10                |
| 19    | Perundurai              |               | 7   | 22  | 0.9 | 48    | 103  | Moderate     | 103       | PM10                |
| 20    | Pudukkottai             |               | 17  | 24  | 1.0 | 25    | 51   | Satisfactory | 51        | PM10                |
| 21    | Ramanathapuram          |               | 9   | 12  | 0.1 | 13    | 35   | Good         | 35        | PM10                |
| 22    | Ranipet, SIPCOT         |               | 16  | 21  | 0.3 | 27    | 63   | Satisfactory | 63        | PM10                |
| 23    | Salem                   |               | 12  | 16  | 0.6 | 46    | 82   | Satisfactory | 82        | PM10                |
| 24    | Thanjavur               |               | 13  | 17  | 0.1 | 26    | 57   | Satisfactory | 57        | PM10                |
| 25    | Thiruvallur             | Gummidipoondi | 10  | 12  | 0.4 | 86    | 157  | Moderate     | 157       | PM10                |
| 26    |                         | Kathivakkam   | 8   | 16  | 0.1 | 41    | 83   | Satisfactory | 83        | PM10                |
| 27    |                         | Manali        | 4   | 20  | 0.8 | 104   | 118  | Moderate     | 118       | PM10                |
| 28    | Thoothukudi             |               | 7   | 16  | 0.2 | 16    | 38   | Good         | 38        | PM10                |
| 29    | Tirunelveli             |               | 12  | 17  | 1.0 | 43    | 76   | Satisfactory | 76        | PM10                |
| 30    | Tiruppur                |               | 22  | 29  | 0.4 | 35    | 78   | Satisfactory | 78        | PM10                |
| 31    | Trichy                  | City          | 14  | 18  | 0.6 | 37    | 78   | Satisfactory | 78        | PM10                |
| 32    |                         | Rural         | 14  | 19  | 0.2 | 26    | 54   | Satisfactory | 54        | PM10                |
| 33    | Vellore                 |               | 17  | 22  | 0.4 | 54    | 104  | Moderate     | 104       | PM10                |
| 34    | Virudhunagar            |               | 17  | 22  | 1.0 | 33    | 66   | Satisfactory | 66        | 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**