



## Tamil Nadu Pollution Control Board

### Air Quality Index of 34 CAAQM Station on 25, February , 2023@16:00

| Sl.No | District (Location)     | SO2           | NO2 | CO  | PM2.5 | PM10 | AQI Index    | AQI Value    | Prominent Pollutant |      |
|-------|-------------------------|---------------|-----|-----|-------|------|--------------|--------------|---------------------|------|
| 1     | Ariyalur                | 9             | 15  | 0.6 | 31    | 48   | Good         | 48           | PM10                |      |
| 2     | Chengalpattu (Vandalur) | 20            | 24  | 0.7 | 33    | 61   | Satisfactory | 61           | PM10                |      |
| 3     | Chennai                 | Kodungaiyur   | 6   | 22  | 0.4   | 63   | 83           | Satisfactory | 83                  | PM10 |
| 4     |                         | Koyambedu     | 5   | 19  | 0.6   | 59   | 96           | Satisfactory | 96                  | PM10 |
| 5     |                         | Perungudi     | 4   | 20  | 0.7   | 77   | 91           | Satisfactory | 91                  | PM10 |
| 6     |                         | Royapuram     | 6   | 46  | 0.7   | 64   | 72           | Satisfactory | 72                  | PM10 |
| 7     | Coimbatore              | Kuruchi-SIDCO | 7   | 16  | 0.8   | 43   | 68           | Satisfactory | 68                  | PM10 |
| 8     |                         | PSG Collage   | 2   | 19  | 0.7   | 48   | 70           | Satisfactory | 70                  | PM10 |
| 9     | Cuddalore               | Semmendalam   | 7   | 9   | 0.1   | 70   | 89           | Satisfactory | 89                  | PM10 |
| 10    |                         | SIPCOT        | 14  | 19  | 0.6   | 69   | 76           | Satisfactory | 76                  | PM10 |
| 11    | Dindigul                | 22            | 26  | 0.8 | 46    | 66   | Satisfactory | 66           | PM10                |      |
| 12    | Hosur                   | 20            | 12  | 0.4 | 76    | 91   | Satisfactory | 91           | PM10                |      |
| 13    | Kanchipuram             | 4             | 10  | 0.6 | 49    | 72   | Satisfactory | 72           | PM10                |      |
| 14    | Karur                   | 29            | 19  | 0.6 | 38    | 47   | Good         | 47           | PM10                |      |
| 15    | Madurai                 | 8             | 5   | 0.3 | 28    | 56   | Satisfactory | 56           | PM10                |      |
| 16    | Nagapattinam            | 10            | 13  | 0.5 | 22    | 32   | Good         | 32           | PM10                |      |
| 17    | Namakkal                | 27            | 30  | 0.4 | 46    | 59   | Satisfactory | 59           | PM10                |      |
| 18    | Ooty                    | 20            | 24  | 0.1 | 42    | 76   | Satisfactory | 76           | PM10                |      |
| 19    | Perundurai              | 2             | 16  | 0.8 | 53    | 94   | Satisfactory | 94           | PM10                |      |
| 20    | Pudukkottai             | 26            | 7   | 0.8 | 48    | 89   | Satisfactory | 89           | PM10                |      |
| 21    | Ramanathapuram          | 9             | 5   | 0.1 | 41    | 55   | Satisfactory | 55           | PM10                |      |
| 22    | Ranipet, SIPCOT         | 20            | 24  | 0.9 | 52    | 69   | Satisfactory | 69           | PM10                |      |
| 23    | Salem                   | 7             | 16  | 0.5 | 27    | 46   | Good         | 46           | PM10                |      |
| 24    | Thanjavur               | 12            | 14  | 0.1 | 38    | 71   | Satisfactory | 71           | PM10                |      |
| 25    | Thiruvallur             | Gummidipoondi | 4   | 12  | 0.4   | 80   | 126          | Moderate     | 126                 | PM10 |
| 26    |                         | Kathivakkam   | 7   | 10  | 0.4   | 39   | 95           | Satisfactory | 95                  | PM10 |
| 27    |                         | Manali        | 4   | 18  | 0.9   | 87   | 112          | Moderate     | 112                 | PM10 |
| 28    | Thoothukudi             | 7             | 16  | 0.3 | 22    | 30   | Good         | 30           | PM10                |      |
| 29    | Tirunelveli             | 23            | 29  | 0.8 | 46    | 74   | Satisfactory | 74           | PM10                |      |
| 30    | Tiruppur                | 19            | 31  | 0.5 | 38    | 86   | Satisfactory | 86           | PM10                |      |
| 31    | Trichy                  | City          | 23  | 24  | 0.6   | 48   | 74           | Satisfactory | 74                  | PM10 |
| 32    |                         | Rural         | 20  | 21  | 0.1   | 33   | 66           | Satisfactory | 66                  | PM10 |
| 33    | Vellore                 | 14            | 24  | 0.3 | 43    | 70   | Satisfactory | 70           | PM10                |      |
| 34    | Virudhunagar            | 35            | 18  | 0.9 | 48    | 52   | Satisfactory | 52           | 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**