



## Tamil Nadu Pollution Control Board

### Air Quality Index of 34 CAAQM Station on 02, January , 2023 @ 16:00 Hrs

| Sl.No | District (Location)     | SO2           | NO2 | CO  | PM2.5 | PM10 | AQI Index    | AQI Value    | Prominent Pollutant |      |
|-------|-------------------------|---------------|-----|-----|-------|------|--------------|--------------|---------------------|------|
| 1     | Ariyalur                | 12            | 19  | 0.5 | 34    | 53   | Satisfactory | 53           | PM10                |      |
| 2     | Chengalpattu (Vandalur) | 12            | 16  | 0.7 | 30    | 28   | Good         | 30           | PM2.5               |      |
| 3     | Chennai                 | Kodungaiyur   | 4   | 13  | 0.5   | 17   | 70           | Satisfactory | 70                  | PM10 |
| 4     |                         | Koyambedu     | 8   | 13  | 0.8   | 33   | 67           | Satisfactory | 67                  | PM10 |
| 5     |                         | Perungudi     | 4   | 7   | 0.8   | 32   | 81           | Satisfactory | 81                  | PM10 |
| 6     |                         | Royapuram     | 2   | 20  | 0.4   | 23   | 38           | Good         | 38                  | PM10 |
| 7     | Coimbatore              | Kuruchi-SIDCO | 15  | 25  | 0.4   | 45   | 71           | Satisfactory | 71                  | PM10 |
| 8     |                         | PSG Collage   | 12  | 19  | 0.5   | 30   | 49           | Good         | 49                  | PM10 |
| 9     | Cuddalore               | Semmendalam   | 14  | 22  | 0.2   | 34   | 42           | Good         | 42                  | PM10 |
| 10    |                         | SIPCOT        | 15  | 16  | 0.6   | 45   | 76           | Satisfactory | 76                  | PM10 |
| 11    | Dindigul                | 14            | 19  | 0.5 | 35    | 54   | Satisfactory | 54           | PM10                |      |
| 12    | Hosur                   | 10            | 11  | 0.3 | 45    | 87   | Satisfactory | 87           | PM10                |      |
| 13    | Kanchipuram             | 10            | 15  | 0.6 | 25    | 52   | Satisfactory | 52           | PM10                |      |
| 14    | Karur                   | 27            | 29  | 0.2 | 35    | 60   | Satisfactory | 60           | PM10                |      |
| 15    | Madurai                 | 2             | 14  | 0.1 | 36    | 76   | Satisfactory | 76           | PM10                |      |
| 16    | Nagapattinam            | 14            | 19  | 0.5 | 16    | 41   | Good         | 41           | PM10                |      |
| 17    | Namakkal                | ND            |     |     |       |      |              |              |                     |      |
| 18    | Ooty                    | 17            | 18  | 0.5 | 25    | 44   | Good         | 44           | PM10                |      |
| 19    | Perundurai              | 10            | 5   | 0.3 | 34    | 72   | Satisfactory | 72           | PM10                |      |
| 20    | Pudukkottai             | 2             | 4   | 0.9 | 16    | 36   | Good         | 36           | PM10                |      |
| 21    | Ramanathapuram          | 9             | 15  | 0.1 | 17    | 45   | Good         | 45           | PM10                |      |
| 22    | Ranipet, SIPCOT         | 3             | 7   | 0.7 | 43    | 82   | Satisfactory | 82           | PM10                |      |
| 23    | Salem                   | 10            | 15  | 0.5 | 37    | 56   | Satisfactory | 56           | PM10                |      |
| 24    | Thanjavur               | 12            | 19  | 0.1 | 25    | 41   | Good         | 41           | PM10                |      |
| 25    | Thiruvallur             | Gummidipoondi | 6   | 20  | 0.5   | 63   | 114          | Moderate     | 114                 | PM10 |
| 26    |                         | Kathivakkam   | 7   | 13  | 0.5   | 36   | 58           | Satisfactory | 58                  | PM10 |
| 27    |                         | Manali        | 4   | 2   | 0.6   | 56   | 133          | Moderate     | 133                 | PM10 |
| 28    | Thoothukudi             | 6             | 12  | 0.3 | 28    | 36   | Good         | 36           | PM10                |      |
| 29    | Tirunelveli             | 4             | 16  | 0.8 | 33    | 73   | Satisfactory | 73           | PM10                |      |
| 30    | Tiruppur                | 21            | 23  | 0.4 | 16    | 36   | Good         | 36           | PM10                |      |
| 31    | Trichy                  | City          | 17  | 20  | 0.5   | 24   | 49           | Good         | 49                  | PM10 |
| 32    |                         | Rural         | 7   | 13  | 0.4   | 20   | 38           | Good         | 38                  | PM10 |
| 33    | Vellore                 | 23            | 27  | 0.3 | 49    | 91   | Satisfactory | 91           | PM10                |      |
| 34    | Virudhunagar            | 7             | 12  | 0.8 | 39    | 78   | Satisfactory | 78           | 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**

