



## Tamil Nadu Pollution Control Board

### Air Quality Index of 34 CAAQM Station on 20, February , 2023 @16:00

| Sl.No | District (Location)     |               | SO2 | NO2 | CO  | PM2.5 | PM10 | AQI Index    | AQI Value | Prominent Pollutant |
|-------|-------------------------|---------------|-----|-----|-----|-------|------|--------------|-----------|---------------------|
| 1     | Ariyalur                |               | 6   | 10  | 0.5 | 21    | 31   | Good         | 31        | PM10                |
| 2     | Chengalpattu (Vandalur) |               | 20  | 24  | 0.7 | 34    | 78   | Satisfactory | 78        | PM10                |
| 3     | Chennai                 | Kodungaiyur   | 4   | 12  | 0.4 | 10    | 58   | Satisfactory | 58        | PM10                |
| 4     |                         | Koyambedu     | 8   | 10  | 0.3 | 25    | 53   | Satisfactory | 53        | PM10                |
| 5     |                         | Perungudi     | 2   | 5   | 0.4 | 19    | 55   | Satisfactory | 55        | PM10                |
| 6     |                         | Royapuram     | 6   | 16  | 0.9 | 16    | 31   | Good         | 31        | PM10                |
| 7     | Coimbatore              | Kuruchi-SIDCO | 8   | 14  | 0.5 | 22    | 39   | Good         | 39        | PM10                |
| 8     |                         | PSG Collage   | 12  | 19  | 0.4 | 20    | 49   | Good         | 49        | PM10                |
| 9     | Cuddalore               | Semmendalam   | 10  | 14  | 0.1 | 17    | 21   | Good         | 21        | PM10                |
| 10    |                         | SIPCOT        | 14  | 21  | 0.1 | 25    | 39   | Good         | 39        | PM10                |
| 11    | Dindigul                |               | 20  | 24  | 0.5 | 35    | 54   | Satisfactory | 54        | PM10                |
| 12    | Hosur                   |               | 37  | 12  | 0.4 | 46    | 88   | Satisfactory | 88        | PM10                |
| 13    | Kanchipuram             |               | 4   | 7   | 0.1 | 22    | 46   | Good         | 46        | PM10                |
| 14    | Karur                   |               | 14  | 19  | 0.2 | 20    | 34   | Good         | 34        | PM10                |
| 15    | Madurai                 |               | 2   | 16  | 0.2 | 21    | 43   | Good         | 43        | PM10                |
| 16    | Nagapattinam            |               | 6   | 10  | 0.5 | 17    | 20   | Good         | 20        | PM10                |
| 17    | Namakkal                |               | 27  | 23  | 0.4 | 33    | 41   | Good         | 41        | PM10                |
| 18    | Ooty                    |               | 12  | 17  | 0.5 | 47    | 80   | Satisfactory | 80        | PM10                |
| 19    | Perundurai              |               | 14  | 20  | 0.6 | 35    | 46   | Good         | 46        | PM10                |
| 20    | Pudukkottai             |               | 18  | 24  | 0.9 | 9     | 34   | Good         | 34        | PM10                |
| 21    | Ramanathapuram          |               | 10  | 3   | 0.2 | 12    | 42   | Good         | 42        | PM10                |
| 22    | Ranipet, SIPCOT         |               | 14  | 19  | 0.4 | 21    | 46   | Good         | 46        | PM10                |
| 23    | Salem                   |               | 12  | 23  | 0.4 | 29    | 60   | Satisfactory | 60        | PM10                |
| 24    | Thanjavur               |               | 12  | 16  | 0.1 | 14    | 25   | Good         | 25        | PM10                |
| 25    | Thiruvallur             | Gummidipoondi | 7   | 14  |     | 48    | 105  | Moderate     | 105       | PM10                |
| 26    |                         | Kathivakkam   | 7   | 11  | 0.5 | 30    | 68   | Satisfactory | 68        | PM10                |
| 27    |                         | Manali        | 9   | 16  | 0.8 | 43    | 112  | Moderate     | 112       | PM10                |
| 28    | Thoothukudi             |               | 12  | 14  | 0.3 | 25    | 38   | Good         | 38        | PM10                |
| 29    | Tirunelveli             |               | 16  | 34  | 0.9 | 27    | 66   | Satisfactory | 66        | PM10                |
| 30    | Tiruppur                |               | 18  | 30  | 0.4 | 41    | 98   | Satisfactory | 98        | PM10                |
| 31    | Trichy                  | City          | 20  | 24  | 0.4 | 27    | 58   | Satisfactory | 58        | PM10                |
| 32    |                         | Rural         | 20  | 24  | 0.1 | 37    | 78   | Satisfactory | 78        | PM10                |
| 33    | Vellore                 |               | 12  | 16  | 0.3 | 48    | 80   | Satisfactory | 80        | PM10                |
| 34    | Virudhunagar            |               | 20  | 21  | 0.7 | 24    | 51   | Satisfactory | 51        | 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**