



## Tamil Nadu Pollution Control Board

### Air Quality Index of 34 CAAQM Station on 21, July , 2023 @16:00 Hrs

| Sl.No | District (Location)     |               | SO2 | NO2 | CO  | PM2.5 | PM10 | AQI Index    | AQI Value | Prominent Pollutant |
|-------|-------------------------|---------------|-----|-----|-----|-------|------|--------------|-----------|---------------------|
| 1     | Ariyalur                |               | 7   | 18  | 0.5 | 13    | 32   | Good         | 32        | PM10                |
| 2     | Chengalpattu (Vandalur) |               | 8   | 12  | 0.7 | 17    | 35   | Good         | 35        | PM10                |
| 3     | Chennai                 | Kodungaiyur   | 4   | 16  | 0.7 | 20    | 97   | Satisfactory | 97        | PM10                |
| 4     |                         | Koyambedu     | 3   | 28  | 0.8 | 22    | 110  | Moderate     | 110       | PM10                |
| 5     |                         | Perungudi     | 2   | 14  | 0.4 | 33    | 91   | Satisfactory | 91        | PM10                |
| 6     |                         | Royapuram     | 3   | 23  | 0.5 | 24    | 150  | Moderate     | 150       | PM10                |
| 7     | Coimbatore              | Kuruchi-SIDCO | 5   | 12  | 0   | 26    | 53   | Satisfactory | 53        | PM10                |
| 8     |                         | PSG Collage   | 4   | 7   | 0.9 | 17    | 38   | Good         | 38        | PM10                |
| 9     | Cuddalore               | Semmendalam   | 3   | 5   | 0.4 | 18    | 23   | Good         | 23        | PM10                |
| 10    |                         | SIPCOT        | 11  | 23  | 0.5 | 22    | 62   | Satisfactory | 62        | PM10                |
| 11    | Dindigul                |               | 5   | 21  | 0.5 | 11    | 27   | Good         | 27        | PM10                |
| 12    | Hosur                   |               | 7   | 9   | 0.4 | 35    | 67   | Satisfactory | 67        | PM10                |
| 13    | Kanchipuram             |               | 8   | 12  | 0.2 | 25    | 63   | Satisfactory | 63        | PM10                |
| 14    | Karur                   |               | 10  | 13  | 0.3 | 17    | 29   | Good         | 29        | PM10                |
| 15    | Madurai                 |               | 7   | 14  | 0.2 | 29    | 61   | Satisfactory | 61        | PM10                |
| 16    | Nagapattinam            |               | 6   | 9   | 0.4 | 15    | 33   | Good         | 33        | PM10                |
| 17    | Namakkal                |               | 25  | 30  | 0.4 | 22    | 51   | Satisfactory | 51        | PM10                |
| 18    | Ooty                    |               | 12  | 23  | 0.2 | 20    | 54   | Satisfactory | 54        | PM10                |
| 19    | Perundurai              |               | 11  | 18  | 0.3 | 26    | 78   | Satisfactory | 78        | PM10                |
| 20    | Pudukkottai             |               | 5   | 18  | 0.3 | 14    | 79   | Satisfactory | 79        | PM10                |
| 21    | Ramanathapuram          |               | 7   | 10  | 0.3 | 7     | 45   | Good         | 45        | PM10                |
| 22    | Ranipet, SIPCOT         |               | 3   | 20  | 0.1 | 12    | 64   | Satisfactory | 64        | PM10                |
| 23    | Salem                   |               | 3   | 6   | 0.5 | 3     | 52   | Satisfactory | 52        | PM10                |
| 24    | Thanjavur               |               | 4   | 13  | 0.4 | 18    | 61   | Satisfactory | 61        | PM10                |
| 25    | Thiruvallur             | Gummidipoondi | 49  | 5   | 0.5 | 62    | 145  | Moderate     | 145       | PM10                |
| 26    |                         | Kathivakkam   | 11  | 12  | 0.2 | 21    | 42   | Good         | 42        | PM10                |
| 27    |                         | Manali        | 10  | 13  | 0.5 | 23    | 89   | Satisfactory | 89        | PM10                |
| 28    | Thoothukudi             |               | 8   | 15  | 0.2 | 28    | 47   | Good         | 47        | PM10                |
| 29    | Tirunelveli             |               | 4   | 10  | 0.9 | 22    | 41   | Good         | 41        | PM10                |
| 30    | Tiruppur                |               | 6   | 9   | 0.1 | 19    | 33   | Good         | 33        | PM10                |
| 31    | Trichy                  | City          | 11  | 15  | 0.5 | 20    | 38   | Good         | 38        | PM10                |
| 32    |                         | Rural         | 4   | 15  | 0.8 | 15    | 30   | Good         | 30        | PM10                |
| 33    | Vellore                 |               | 10  | 22  | 0.2 | 15    | 48   | Good         | 48        | PM10                |
| 34    | Virudhunagar            |               | 7   | 35  | 0.9 | 13    | 26   | Good         | 26        | 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**