



## Tamil Nadu Pollution Control Board

**Air Quality Index of 34 CAAQM Station on 30 September, 2023 @16:00 Hrs**

| Sl.No | District (Location)     |               | SO <sub>2</sub><br>(µg/m <sup>3</sup> ) | NO <sub>2</sub><br>(µg/m <sup>3</sup> ) | CO<br>(mg/m <sup>3</sup> ) | PM <sub>2.5</sub><br>(µg/m <sup>3</sup> ) | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | AQI<br>Index | AQI<br>Value | Prominent<br>Pollutant |
|-------|-------------------------|---------------|---|---|----------------------------|---|--|--------------|--------------|------------------------|
| 1     | Ariyalur                |               | 10                                      | 12                                      | 0.5                        | 17  | 36                                       | Good         | 36           | PM10                   |
| 2     | Chengalpattu (Vandalur) |               | 14                                      | 18                                      | 0.4                        | 23  | 51                                       | Satisfactory | 51           | PM10                   |
| 3     | Chennai                 | Kodungaiyur   | 4                                       | 23                                      | 0.5                        | 12  | 45                                       | Good         | 45           | PM10                   |
| 4     |                         | Koyambedu     | 4                                       | 21                                      | 0.4                        | 18  | 41                                       | Good         | 41           | PM10                   |
| 5     |                         | Perungudi     | 4                                       | 10                                      | 0.6                        | 13  | 41                                       | Good         | 41           | PM10                   |
| 6     |                         | Royapuram     | 11                                      | 21                                      | 0.6                        | 17  | 46                                       | Good         | 46           | PM10                   |
| 7     | Coimbatore              | Kuruchi-SIDCO | 15                                      | 15                                      | 0.2                        | 69  | 60                                       | Satisfactory | 60           | PM2.5                  |
| 8     |                         | PSG Collage   | 9                                       | 15                                      | 0.7                        | 19  | 40                                       | Good         | 40           | PM10                   |
| 9     | Cuddalore               | Semmendalam   | 10                                      | 14                                      | 0.2                        | 13  | 17                                       | Good         | 22           | PM2.5                  |
| 10    |                         | SIPCOT        | 12                                      | 15                                      | 0.6                        | 16  | 33                                       | Good         | 33           | PM10                   |
| 11    | Dindigul                |               | N/A                                     |   |                            |   |  |              |              |                        |
| 12    | Hosur                   |               | 11                                      | 17                                      | 0.2                        | 17  | 33                                       | Good         | 33           | PM10                   |
| 13    | Kanchipuram             |               | 12                                      | 13                                      | 0.6                        | 18  | 42                                       | Good         | 42           | PM10                   |
| 14    | Karur                   |               | N/A                                     |   |                            |   |  |              |              |                        |
| 15    | Madurai                 |               | 14                                      | 18                                      | 0.5                        | 20  | 41                                       | Good         | 41           | PM10                   |
| 16    | Nagapattinam            |               | 13                                      | 14                                      | 0.4                        | 11  | 21                                       | Good         | 21           | PM10                   |
| 17    | Namakkal                |               | 10                                      | 16                                      | 0.4                        | 15  | 36                                       | Good         | 36           | PM10                   |
| 18    | Ooty                    |               | 9                                       | 11                                      | 0.3                        | 10  | 22                                       | Good         | 22           | PM10                   |
| 19    | Perundurai              |               | 9                                       | 4                                       | 0.3                        | 10  | 23                                       | Good         | 23           | PM10                   |
| 20    | Pudukkottai             |               | 12                                      | 15                                      | 0.5                        | 12  | 24                                       | Good         | 24           | PM10                   |
| 21    | Ramanathapuram          |               | 8                                       | 11                                      | 0.2                        | 11  | 31                                       | Good         | 31           | PM10                   |
| 22    | Ranipet, SIPCOT         |               | 10                                      | 13                                      | 0.3                        | 12  | 26                                       | Good         | 26           | PM10                   |
| 23    | Salem                   |               | 9                                       | 12                                      | 0.5                        | 13  | 19                                       | Good         | 22           | PM2.5                  |
| 24    | Thanjavur               |               | 11                                      | 13                                      | 0.1                        | 13  | 30                                       | Good         | 30           | PM10                   |
| 25    | Thiruvallur             | Gummidipoondi | 7                                       | N/A                                     | 0.4                        | 65  | 87                                       | Satisfactory | 65           | PM2.5                  |
| 26    |                         | Kathivakkam   | 20                                      | 24                                      | 0.3                        | 33  | 67                                       | Satisfactory | 67           | PM10                   |
| 27    |                         | Manali        | 12                                      | 8                                       | 0.7                        | 35  | 50                                       | Good         | 50           | PM10                   |
| 28    | Thoothukudi             |               | 5                                       | 11                                      | 0.3                        | N/A                                       | 35                                       | Good         | 35           | PM10                   |
| 29    | Tirunelveli             |               | 12                                      | 17                                      | 0.4                        | 16  | 36                                       | Good         | 36           | PM10                   |
| 30    | Tiruppur                |               | 10                                      | 16                                      | 0.6                        | 17  | 38                                       | Good         | 38           | PM10                   |
| 31    | Trichy                  | City          | 9                                       | 14                                      | 0.4                        | 15  | 32                                       | Good         | 32           | PM10                   |
| 32    |                         | Rural         | 7                                       | 11                                      | 0.1                        | 10  | 20                                       | Good         | 20           | PM10                   |
| 33    | Vellore                 |               | 10                                      | 13                                      | 0.3                        | 16  | 48                                       | Good         | 48           | PM10                   |
| 34    | Virudhunagar            |               | 8                                       | 10                                      | 0.3                        | 10  | 21                                       | Good         | 21           | 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**