



## Tamil Nadu Pollution Control Board

**Air Quality Index of 34 CAAQM Station on 03 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 Index    | AQI Value | Prominent Pollutant |
|-------|-------------------------|---------------|---|---|----------------------------|---|--|--------------|-----------|---------------------|
| 1     | Ariyalur                |               | 5                                       | 9                                       | 0.5                        | 18  | 31                                       | Good         | 31        | PM10                |
| 2     | Chengalpattu (Vandalur) |               | 9                                       | 11                                      | 0.8                        | 13  | 47                                       | Good         | 47        | PM10                |
| 3     | Chennai                 | Kodungaiyur   | 3                                       | 19                                      | N/A                        | 10  | 39                                       | Good         | 39        | PM10                |
| 4     |                         | Koyambedu     | 3                                       | 15                                      | 0.4                        | 15  | 38                                       | Good         | 38        | PM10                |
| 5     |                         | Perungudi     | 3                                       | 13                                      | 0.5                        | 12  | 33                                       | Good         | 33        | PM10                |
| 6     |                         | Royapuram     | 3                                       | 28                                      | 0.8                        | 13  | 51                                       | Satisfactory | 51        | PM10                |
| 7     | Coimbatore              | Kuruchi-SIDCO | N/A                                     |   |                            |   |  |              |           |                     |
| 8     |                         | PSG Collage   | 5                                       | 9                                       | 0.1                        | 18  | 28                                       | Good         | 29        | PM2.5               |
| 9     | Cuddalore               | Semmeldala    | 4                                       | 6                                       | 0.1                        | 12  | 15                                       | Good         | 20        | PM2.5               |
| 10    |                         | SIPCOT        | 12                                      | 20                                      | 0.5                        | 13  | 28                                       | Good         | 28        | PM10                |
| 11    | Dindigul                |               | N/A                                     |   |                            |   |  |              |           |                     |
| 12    | Hosur                   |               | 6                                       | 11                                      | 0.1                        | 22  | 41                                       | Good         | 41        | PM10                |
| 13    | Kanchipuram             |               | 6                                       | 9                                       | 0.2                        | 9   | 17                                       | Good         | 17        | PM10                |
| 14    | Karur                   |               | N/A                                     |   |                            |   |  |              |           |                     |
| 15    | Madurai                 |               | 8                                       | 11                                      | 0.5                        | 22  | 45                                       | Good         | 45        | PM10                |
| 16    | Nagapattinam            |               | 11                                      | 16                                      | 0.9                        | 18  | 17                                       | Good         | 29        | PM2.5               |
| 17    | Namakkal                |               | N/A                                     |   |                            |   |  |              |           |                     |
| 18    | Ooty                    |               | 11                                      | 13                                      | 0.3                        | 21  | 45                                       | Good         | 45        | PM10                |
| 19    | Perundurai              |               | 12                                      | 1                                       | 0.4                        | 19  | 35                                       | Good         | 35        | PM10                |
| 20    | Pudukkottai             |               | 10                                      | 12                                      | 0.6                        | 10  | 20                                       | Good         | 20        | PM10                |
| 21    | Ramanathapuram          |               | 9                                       | 12                                      | 0.5                        | 12  | 24                                       | Good         | 24        | PM10                |
| 22    | Ranipet, SIPCOT         |               | N/A                                     |   |                            |   |  |              |           |                     |
| 23    | Salem                   |               | 14                                      | 21                                      | 0.6                        | 25  | 49                                       | Good         | 49        | PM10                |
| 24    | Thanjavur               |               | 12                                      | 14                                      | 0.3                        | 10  | 24                                       | Good         | 24        | PM10                |
| 25    | Thiruvallur             | Gummidipoon   | 17                                      | 5                                       | 0.4                        | 33  | 79                                       | Satisfactory | 79        | PM10                |
| 26    |                         | Kathivakkam   | 11                                      | 14                                      | 0.5                        | 17  | 35                                       | Good         | 35        | PM10                |
| 27    |                         | Manali        | 6                                       | 11                                      | 0.9                        | 15  | 49                                       | Good         | 49        | PM10                |
| 28    | Thoothukudi             |               | 8                                       | 25                                      | 0.1                        | N/A                                       | 44                                       | Good         | 44        | PM10                |
| 29    | Tirunelveli             |               | 7                                       | 8                                       | 0.7                        | 7   | 13                                       | Good         | 13        | PM10                |
| 30    | Tiruppur                |               | 9                                       | 13                                      | 0.5                        | 20  | 44                                       | Good         | 44        | PM10                |
| 31    | Trichy                  | City          | 8                                       | 13                                      | 0.4                        | 14  | 29                                       | Good         | 29        | PM10                |
| 32    |                         | Rural         | 7                                       | 10                                      | 0.3                        | 6   | 21                                       | Good         | 21        | PM10                |
| 33    | Vellore                 |               | 8                                       | 9                                       | 0.4                        | 11  | 33                                       | Good         | 33        | PM10                |
| 34    | Virudhunagar            |               | 11                                      | 12                                      | 0.4                        | 11  | 22                                       | Good         | 22        | 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**