

**Air Quality Index - CAAQMS**  
**December 2024**  
(Average of 24 hrs)

**Location:** Jawahar Nagar, Puducherry

| Sl. No | Date       | Index Value | Air Quality  | Prominent Parameter |
|--------|------------|-------------|--------------|---------------------|
| 1      | 01-12-2024 | 14          | Good         | PM <sub>10</sub>    |
| 2      | 02-12-2024 | 54          | Satisfactory | Ozone               |
| 3      | 03-12-2024 | 47          | Good         | Ozone               |
| 4      | 04-12-2024 | 47          | Good         | PM <sub>10</sub>    |
| 5      | 05-12-2024 | 26          | Good         | Ozone               |
| 6      | 06-12-2024 | 32          | Good         | Ozone               |
| 7      | 07-12-2024 | 35          | Good         | Ozone               |
| 8      | 08-12-2024 | 53          | Satisfactory | PM <sub>10</sub>    |
| 9      | 09-12-2024 | 79          | Satisfactory | PM <sub>2.5</sub>   |
| 12     | 10-12-2024 | 95          | Satisfactory | PM <sub>2.5</sub>   |
| 11     | 11-12-2024 | 62          | Satisfactory | PM <sub>2.5</sub>   |
| 12     | 12-12-2024 | 39          | Good         | Ozone               |
| 13     | 13-12-2024 | 85          | Satisfactory | PM <sub>2.5</sub>   |
| 14     | 14-12-2024 | 92          | Satisfactory | PM <sub>2.5</sub>   |
| 15     | 15-12-2024 | 80          | Satisfactory | Ozone               |
| 16     | 16-12-2024 | 105         | Moderate     | PM <sub>2.5</sub>   |
| 17     | 17-12-2024 | 118         | Moderate     | PM <sub>2.5</sub>   |
| 18     | 18-12-2024 | 55          | Satisfactory | PM <sub>2.5</sub>   |
| 19     | 19-12-2024 | 58          | Satisfactory | PM <sub>2.5</sub>   |
| 20     | 20-12-2024 | 42          | Good         | PM <sub>10</sub>    |
| 21     | 21-12-2024 | 47          | Good         | PM <sub>10</sub>    |
| 22     | 22-12-2024 | 50          | Good         | Ozone               |
| 23     | 23-12-2024 | 55          | Satisfactory | Ozone               |
| 24     | 24-12-2024 | 49          | Good         | PM <sub>10</sub>    |
| 25     | 25-12-2024 | 52          | Satisfactory | Ozone               |
| 26     | 26-12-2024 | 42          | Good         | Ozone               |
| 27     | 27-12-2024 | 48          | Good         | Ozone               |
| 28     | 28-12-2024 | 57          | Satisfactory | Ozone               |
| 29     | 29-12-2024 | 62          | Satisfactory | Ozone               |
| 30     | 30-12-2024 | 57          | Satisfactory | Ozone               |
| 31     | 31-12-2024 | 83          | Satisfactory | PM <sub>2.5</sub>   |

Note: AQI is calculated based on the data generated in Continuous Ambient Air Quality Monitoring Station

| AQI       | Air Quality  | Possible Health impacts                                                                |
|-----------|--------------|----------------------------------------------------------------------------------------|
| 0-50      | Good         | Minimal Impact                                                                         |
| 51 - 100  | Satisfactory | Minor Breathing discomfort to sensitive people                                         |
| 101 - 200 | Moderate     | Breathing discomfort to the people with lung, heart disease, children and older adults |
| 201 -300  | Poor         | Breathing discomfort to people on prolonged exposure                                   |
| 301-400   | Very Poor    | Respiratory illness to the people on prolonged exposure                                |
| >400      | Severe       | Respiratory effects even on healthy people                                             |