



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – February 24, 2024



## Current Air Quality Status:

### Air Quality Index (AQI) (Average of past 24 hours at 4 PM) in comparison with last two years

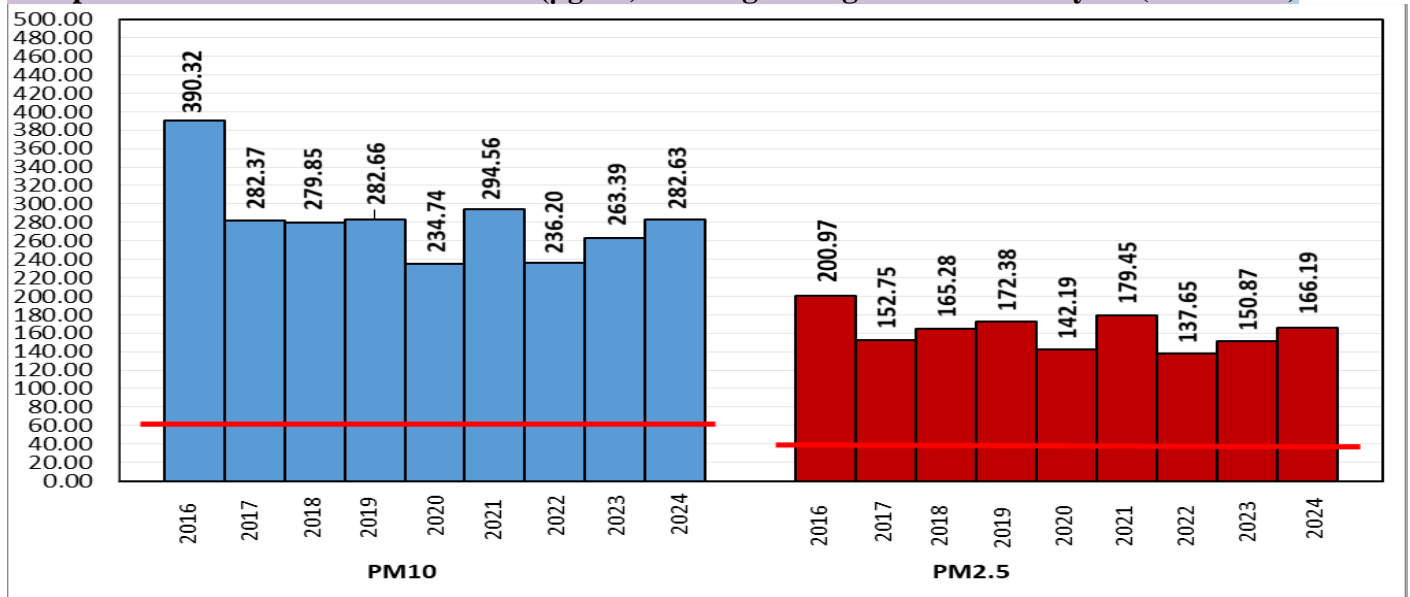
|               | 2024        |           |                             | 2023        |           |                     | 2022        |           |                     |
|---------------|-------------|-----------|-----------------------------|-------------|-----------|---------------------|-------------|-----------|---------------------|
|               | Air Quality | AQI Value | Prominent Pollutant         | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant |
| Delhi         | Moderate    | 192↑      | PM10, PM2.5, O <sub>3</sub> | Moderate    | 171↓      | PM2.5               | Very Poor   | 307↑      | PM2.5               |
| Faridabad     | Poor        | 208↑      | PM10, PM2.5                 | Moderate    | 165↓      | PM10, PM2.5         | Very Poor   | 308↑      | PM2.5               |
| Ghaziabad     | Moderate    | 128↑      | PM10                        | Moderate    | 141↓      | PM10                | Very Poor   | 326↑      | PM2.5               |
| Greater Noida | Moderate    | 198↑      | PM10                        | Moderate    | 152↓      | PM10                | Poor        | 244↑      | PM10                |
| Gurugram      | Moderate    | 159↑      | PM10, CO, PM2.5             | Moderate    | 146↓      | PM2.5               | Poor        | 276↑      | PM2.5               |
| Noida         | Moderate    | 158↑      | PM10, O <sub>3</sub>        | Moderate    | 142↓      | PM10                | Poor        | 294↑      | PM2.5               |

\*Data available for 38(2024), 36(2023), 32(2022) stations in Delhi today. # ↑, ↓ arrows indicate a decrease/increase as compared to the value on the previous day.

### Comparative status of AQI - Delhi from 01 January to 24 February 2016-2024

| Category              | Year        | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                       | No. of days | 55   | 55   | 55   | 55   | 55   | 55   | 55   | 55   | 55   | 55   | 55   | 55   | 55   | 55   | 55   | 55   | 55   | 55   |
| Good (0–50)           |             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Satisfactory (51–100) |             | 0    | 0    | 0    | 0    | 1    | 0    | 2    | 0    | 0    | 1    | 4    | 4    | 9    | 8    | 4    | 12   | 12   | 10   |
| Moderate (101–200)    |             | 1    | 4    | 4    | 9    | 7    | 4    | 10   | 12   | 10   | 1    | 4    | 4    | 9    | 8    | 4    | 12   | 12   | 10   |
| Poor (201–300)        |             | 13   | 27   | 27   | 18   | 30   | 15   | 25   | 20   | 11   | 54   | 51   | 51   | 46   | 47   | 51   | 43   | 43   | 45   |
| Very Poor (301–400)   |             | 35   | 24   | 21   | 21   | 15   | 30   | 17   | 20   | 31   | 54   | 51   | 51   | 46   | 47   | 51   | 43   | 43   | 45   |
| Severe (>401)         |             | 6    | 0    | 3    | 7    | 2    | 6    | 1    | 3    | 3    | 54   | 51   | 51   | 46   | 47   | 51   | 43   | 43   | 45   |

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average – Till February 23 (2016-2024)



\*Red line shows the annual average concentration standards for PM<sub>10</sub> and PM<sub>2.5</sub>.

### Daily Average of Particulates in Delhi (24 hourly average value; from 06:00am of 23.02.24 to 06:00 am of 24.02.24)

| Date ↓ / parameter → | PM <sub>2.5</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|----------------------|--|---------------------------------------|
| 23- February -2024   | 66↑                                    | 167↑                                  |

Hotspots for Today: \*Details given below

|           |   |               |                       |
|-----------|---|---------------|-----------------------|
| Delhi     | NSIT Dwarka, Nehru Nagar, Anand Vihar, Mundka, Jahangirpuri | Ghaziabad     | Indirapuram, Loni     |
| Faridabad | New Industrial Town, Sector- 16A                            | Greater Noida | Knowledge Park - III  |
| Gurugram  | Teri Gram ,Sector-51  | Noida         | Sector-01, Sector-125 |

Forecast by IITM(Delhi):

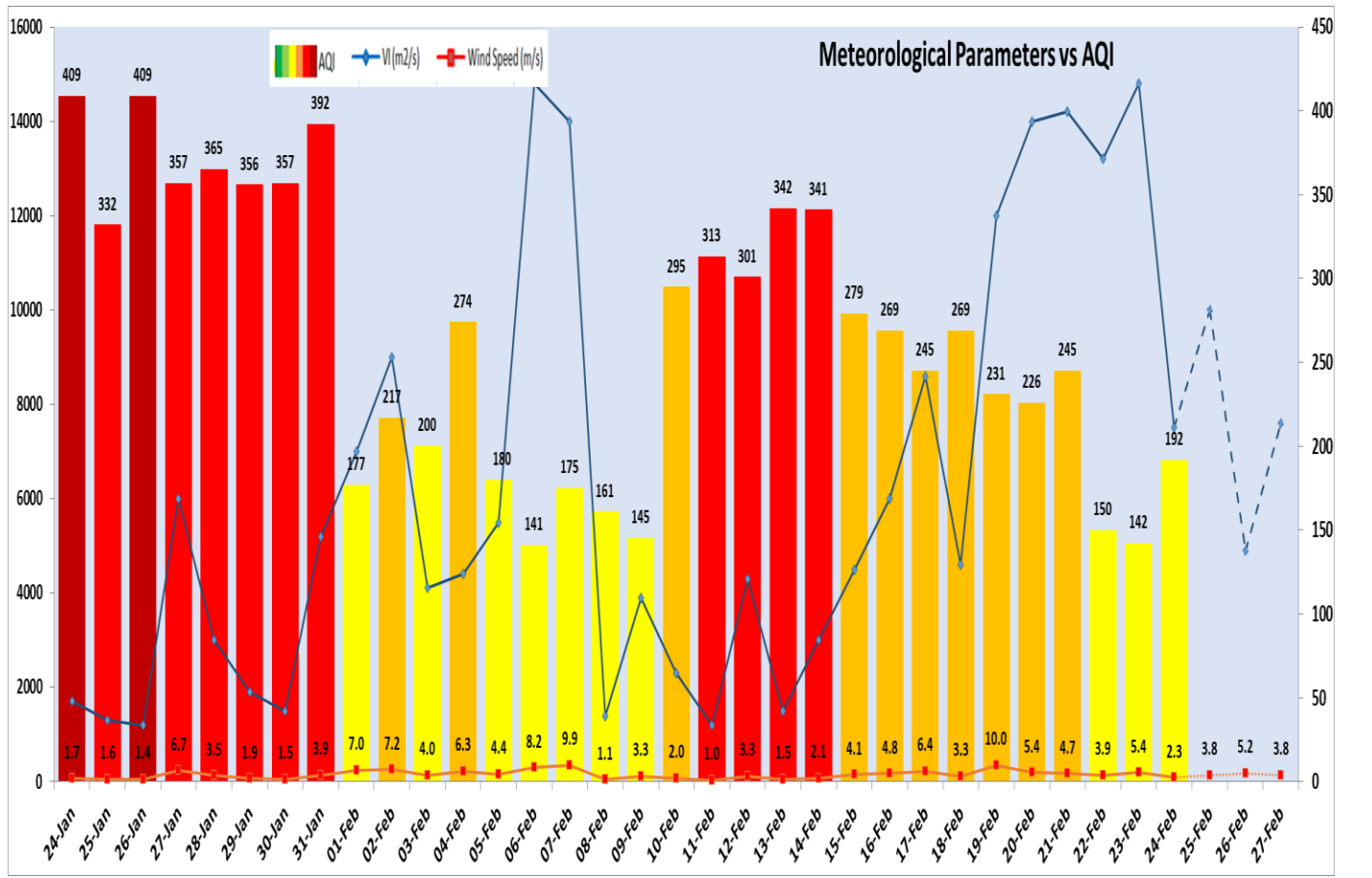
|                     |              |              |              |
|---------------------|--------------|--------------|--------------|
|                     | Feb 25, 2024 | Feb 26, 2024 | Feb 27, 2024 |
| <b>AQI Category</b> | Moderate     | Moderate     | Moderate     |

Wind Forecast for Delhi:

|              | Wind speed (at surface) in km/h |                                  | Wind speed (at 900 m) in km/h  | Wind Direction |                          |
|--------------|---------------------------------|----------------------------------|--------------------------------|----------------|--------------------------|
|              | As per IMD (range)              | As per windy.com (at 16:00 hrs.) | As per windy.com (at 16:00hrs) | As per IMD     | As per windy.com at 900m |
| Feb 25. 2024 | 08-12                           | 10                               | 17                             | E/N            | N                        |
| Feb 26. 2024 | 08-06                           | 04                               | 07                             | N/SE           | NW                       |
| Feb 27. 2024 | 12-08                           | 09                               | 23                             | N/NW           | NW                       |

IMD Alert for Tomorrow (25.02.2024):

The air quality is likely to be in Moderate category from 25.02.2024 to 27.02.2024. The predominant surface wind is likely to be coming from East/North directions in Delhi with wind speed 08-12 kmph and generally cloudy sky on 25.02.2024. Ventilation index is likely to be 10000 m<sup>2</sup>/s.



## Delhi Temperature in (°C)

| Date       | Minimum | Maximum |
|------------|---------|---------|
| 21-02-2024 | 12.2    | 28.1    |
| 22-02-2024 | 10.8    | 26.9    |
| 23-02-2024 | 7.6     | 26.2    |
| 24-02-2024 | 8.7     | 24.4    |

### Hotspots for Today

| City          | Station Name                                | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi         | NSIT Dwarka, Delhi - CPCB                   | 257       | Poor        | PM <sub>2.5</sub>   |
|               | Nehru Nagar, Delhi - DPCC                   | 254       | Poor        | O <sub>3</sub>      |
|               | Anand Vihar, Delhi - DPCC                   | 248       | Poor        | PM <sub>10</sub>    |
|               | Mundka, Delhi - DPCC                        | 247       | Poor        | PM <sub>10</sub>    |
|               | Jahangirpuri, Delhi - DPCC                  | 239       | Poor        | PM <sub>10</sub>    |
| Faridabad     | New Industrial Town, Faridabad - HSPCB      | 274       | Poor        | PM <sub>2.5</sub>   |
|               | Sector- 16A, Faridabad - HSPCB              | 219       | Poor        | PM <sub>2.5</sub>   |
| Gurugram      | Sector-51, Gurugram - HSPCB                 | 205       | Poor        | PM <sub>2.5</sub>   |
|               | Teri Gram, Gurugram - HSPCB                 | 171       | Moderate    | PM <sub>10</sub>    |
| Ghaziabad     | Indrapuram, Ghaziabad - UPPCB               | 146       | Moderate    | PM <sub>10</sub>    |
|               | Loni, Ghaziabad - UPPCB                     | 139       | Moderate    | PM <sub>10</sub>    |
| Greater Noida | Knowledge Park - III, Greater Noida - UPPCB | 203       | Poor        | PM <sub>10</sub>    |
| Noida         | Sector-1, Noida - UPPCB                     | 183       | Moderate    | O <sub>3</sub>      |
|               | Sector - 125, Noida - UPPCB                 | 166       | Moderate    | PM <sub>10</sub>    |