



# Central Pollution Control Board

## Air Quality Status for Delhi & NCR

Dated – July 31, 2024



### Current Air Quality Status:

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

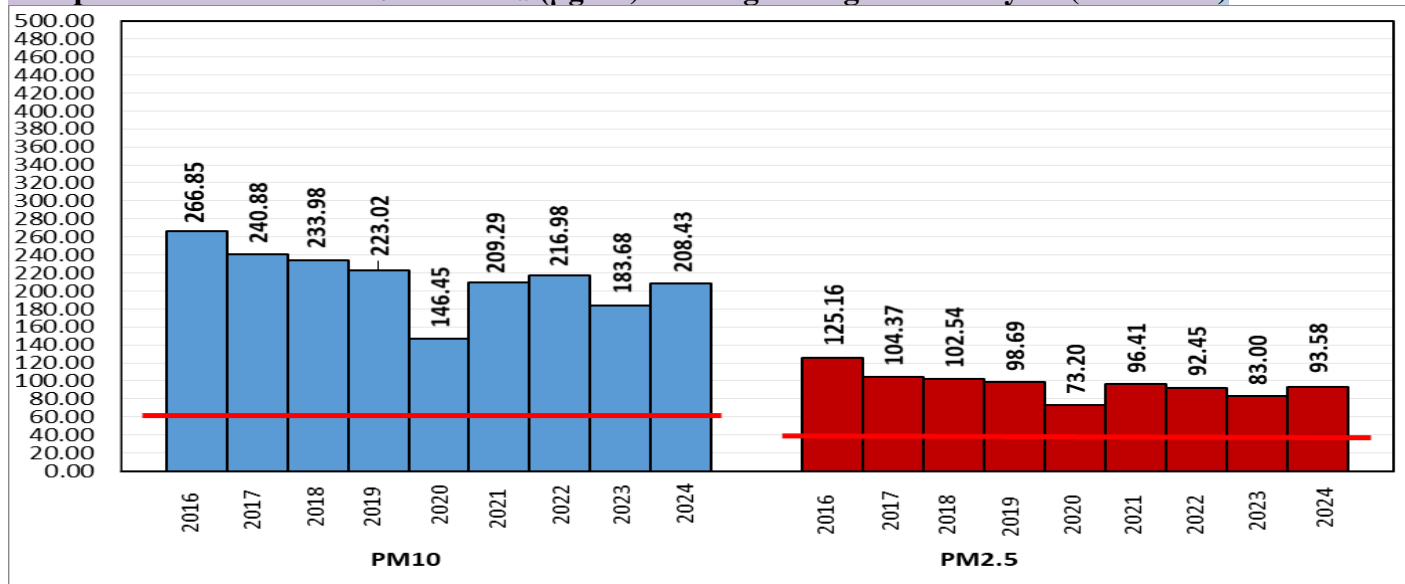
|               | 2024         |           |   | 2023         |           |                                      | 2022         |           |  |
|---------------|--------------|-----------|---|--------------|-----------|--------------------------------------|--------------|-----------|--|
|               | Air Quality  | AQI Value | Prominent Pollutant                                   | Air Quality  | AQI Value | Prominent Pollutant                  | Air Quality  | AQI Value | Prominent Pollutant                                    |
| Delhi         | Satisfactory | 96↓       | PM <sub>2.5</sub> , PM <sub>10</sub> , O <sub>3</sub> | Satisfactory | 89↑       | PM <sub>10</sub> , CO                | Satisfactory | 71↑       | CO, NO <sub>2</sub> , PM <sub>10</sub>                 |
| Faridabad     | Moderate     | 104↑      | PM <sub>2.5</sub> , PM <sub>10</sub>                  | Satisfactory | 85↑       | CO, PM <sub>10</sub>                 | Satisfactory | 80↑       | SO <sub>2</sub> , PM <sub>2.5</sub> , PM <sub>10</sub> |
| Ghaziabad     | Moderate     | 108↑      | PM <sub>10</sub>                                      | Moderate     | 104↑      | O <sub>3</sub>                       | Satisfactory | 66↑       | PM <sub>10</sub> , O <sub>3</sub>                      |
| Greater Noida | Moderate     | 119↓      | PM <sub>10</sub>                                      | Moderate     | 122↑      | PM <sub>10</sub>                     | Satisfactory | 95↑       | CO   |
| Gurugram      | Moderate     | 117↑      | PM <sub>2.5</sub>                                     | Satisfactory | 69↑       | PM <sub>10</sub> , PM <sub>2.5</sub> | Satisfactory | 88↑       | PM <sub>10</sub> , PM <sub>2.5</sub>                   |
| Noida         | Satisfactory | 82↑       | PM <sub>10</sub>                                      | Satisfactory | 95↑       | PM <sub>10</sub>                     | Satisfactory | 67↓       | PM <sub>10</sub> , CO                                  |

\*Data available for 37(2024), 28(2023), 35(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 31 July 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 | 202  | 212  | 212  | 212  | 213  | 212  | 212  | 212  | 213  |      |      |      |      |      |      |      |      |      |  |
| Good (0-50)           |             | 0    | 2    | 0    | 0    | 1    | 0    | 0    | 0    | 0    |      |      |      |      |      |      |      |      |      |  |
| Satisfactory (51-100) |             | 6    | 18   | 21   | 15   | 60   | 31   | 32   | 42   | 19   | 51   | 86   | 96   | 104  | 157  | 113  | 85   | 132  | 128  |  |
| Moderate (101-200)    |             | 45   | 66   | 75   | 89   | 96   | 82   | 53   | 90   | 109  |      |      |      |      |      |      |      |      |      |  |
| Poor (201-300)        |             | 91   | 90   | 82   | 74   | 39   | 59   | 105  | 56   | 49   |      |      |      |      |      |      |      |      |      |  |
| Very Poor (301-400)   |             | 54   | 36   | 28   | 27   | 15   | 34   | 21   | 21   | 33   | 151  | 126  | 116  | 108  | 56   | 99   | 127  | 80   | 85   |  |
| Severe (>401)         |             | 6    | 0    | 6    | 7    | 2    | 6    | 1    | 3    | 3    |      |      |      |      |      |      |      |      |      |  |

#### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average – Till July 30 (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 30.07.24 to 06:00 am of 31.07.24)

| Date ↓ / parameter → | PM <sub>2.5</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|----------------------|--|---------------------------------------|
| 30- July -2024       | 39↑                                    | 93↑                                   |

Hotspots for Today: \*Details given below

|           |   |               |                                   |
|-----------|---|---------------|-----------------------------------|
| Delhi     | Shadipur, Narela, Jahangirpuri, ITO, Mundka | Ghaziabad     | Sanjay Nagar, Indirapuram         |
| Faridabad | Sector 11                                   | Greater Noida | Knowledge Park - V                |
| Gurugram  | Teri Gram                                   | Noida         | Sector-116, Sector - 62, Sector-1 |

**Forecast by IITM(Delhi):**

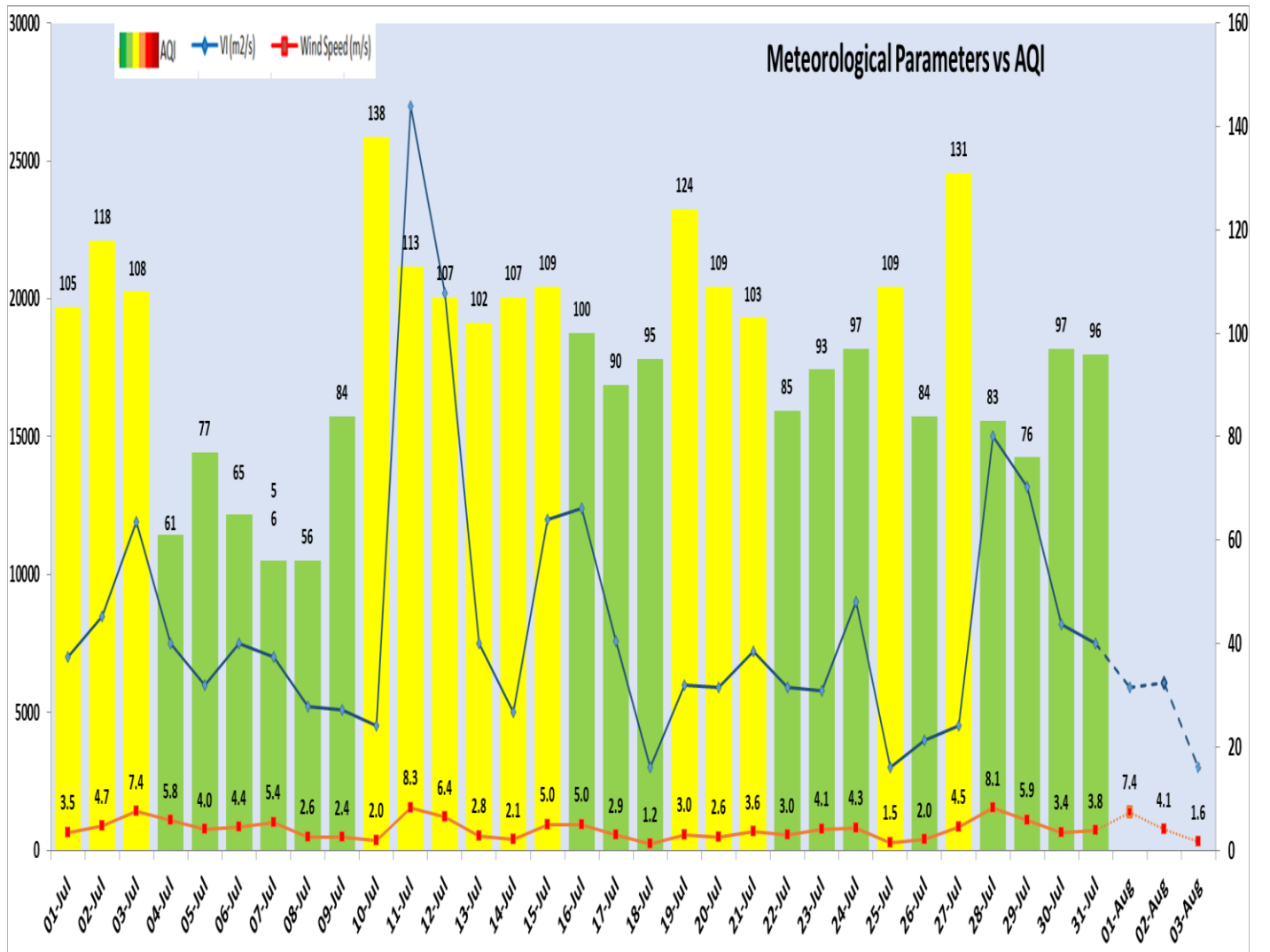
|                     |              |              |              |
|---------------------|--------------|--------------|--------------|
|                     | Aug 01, 2024 | Aug 02, 2024 | Aug 03, 2024 |
| <b>AQI Category</b> | Satisfactory | Satisfactory | Satisfactory |

**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 |
| Aug 01, 2024 | 08-12                           | 08                               | 18                             | VAR            | NW                       |
| Aug 02, 2024 | 06-08                           | 05                               | 05                             | VAR            | S                        |
| Aug 03, 2024 | 06-16                           | 09                               | 14                             | NE/SE          | E                        |

**IMD Alert for Tomorrow (01.08.2024):**

The air quality is likely to be in Satisfactory category from 01.08.2024 to 03.08.2024. The predominant surface wind is likely to be coming from variable directions in Delhi with wind speed 08 -12 kmph, generally cloudy sky and light to moderate rain/thundershowers on 01.08.2024. Ventilation index is likely to be 5920 m<sup>2</sup>/s.



| Delhi Temperature in (°C) |         |         |
|---------------------------|---------|---------|
| Date                      | Minimum | Maximum |
| 28-07-2024                | 28.2    | 36.3    |
| 29-07-2024                | 29.1    | 38.4    |
| 30-07-2024                | 30.1    | 38.4    |
| 31-07-2024                | 30.4    | 39.3    |

▪ **\*Hotspots for Today**

| City          | Station Name                              | AQI value | Air Quality  | Prominent Pollutant |
|---------------|---|-----------|--------------|---------------------|
| Delhi         | Shadipur, Delhi - CPCB                    | 161       | Moderate     | PM <sub>2.5</sub>   |
|               | Narela, Delhi - DPCC                      | 158       | Moderate     | Ozone               |
|               | Jahangirpuri, Delhi - DPCC                | 130       | Moderate     | PM <sub>10</sub>    |
|               | ITO, Delhi - CPCB                         | 128       | Moderate     | NO <sub>2</sub>     |
|               | Mundka, Delhi - DPCC                      | 119       | Moderate     | PM <sub>10</sub>    |
| Faridabad     | Sector 11, Faridabad - HSPCB              | 144       | Moderate     | PM <sub>2.5</sub>   |
| Gurugram      | Teri Gram, Gurugram - HSPCB               | 126       | Moderate     | PM <sub>2.5</sub>   |
| Ghaziabad     | Sanjay Nagar, Ghaziabad - UPPCB           | 118       | Moderate     | PM <sub>10</sub>    |
|               | Indirapuram, Ghaziabad - UPPCB            | 108       | Moderate     | PM <sub>10</sub>    |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 125       | Moderate     | PM <sub>10</sub>    |
| Noida         | Sector-116, Noida - UPPCB                 | 97        | Satisfactory | PM <sub>10</sub>    |
|               | Sector - 62, Noida - IMD                  | 94        | Satisfactory | PM <sub>10</sub>    |
|               | Sector-1, Noida - UPPCB                   | 88        | Satisfactory | PM <sub>10</sub>    |