



# Central Pollution Control Board

## Air Quality Status for Delhi & NCR

Dated – July 19, 2024



### Current Air Quality Status:

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

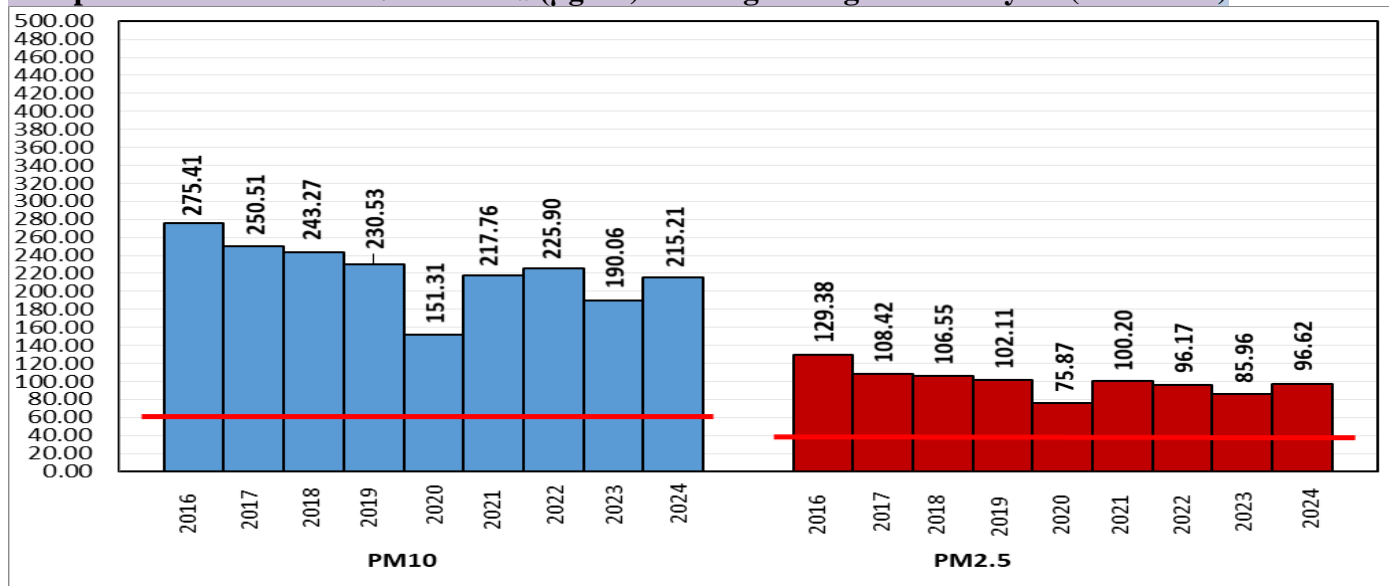
|               | 2024         |           |  | 2023         |           |                                   | 2022         |           |                                      |
|---------------|--------------|-----------|--|--------------|-----------|-----------------------------------|--------------|-----------|--------------------------------------|
|               | Air Quality  | AQI Value | Prominent Pollutant                      | Air Quality  | AQI Value | Prominent Pollutant               | Air Quality  | AQI Value | Prominent Pollutant                  |
| Delhi         | Moderate     | 124↑      | PM <sub>2.5</sub> , PM <sub>10</sub>     | Satisfactory | 77↓       | O <sub>3</sub> , PM <sub>10</sub> | Moderate     | 105↑      | PM <sub>10</sub> , PM <sub>2.5</sub> |
| Faridabad     | Moderate     | 159↑      | PM <sub>2.5</sub> , PM <sub>10</sub>     | Satisfactory | 87↓       | PM <sub>2.5</sub>                 | Moderate     | 126↑      | PM <sub>10</sub>                     |
| Ghaziabad     | Moderate     | 143↑      | PM <sub>2.5</sub> , PM <sub>10</sub>     | Satisfactory | 62↓       | PM <sub>10</sub>                  | Moderate     | 106↑      | PM <sub>10</sub>                     |
| Greater Noida | Moderate     | 133↓      | PM <sub>10</sub>                         | Moderate     | 118↓      | PM <sub>10</sub>                  | Moderate     | 147↑      | PM <sub>10</sub>                     |
| Gurugram      | Moderate     | 103↑      | CO, PM <sub>2.5</sub> , PM <sub>10</sub> | Satisfactory | 75↓       | PM <sub>2.5</sub>                 | Moderate     | 114↑      | PM <sub>10</sub> , PM <sub>2.5</sub> |
| Noida         | Satisfactory | 95↑       | PM <sub>10</sub>                         | Satisfactory | 59↓       | PM <sub>10</sub>                  | Satisfactory | 93↓       | PM <sub>10</sub> , CO                |

\*Data available for 36(2024), 11(2023), 25(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 19 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 | 193  | 200  | 200  | 200  | 201  | 200  | 200  | 200  | 201  | 43   | 74   | 84   | 92   | 145  | 101  | 73   | 120  | 116  |  |
| Good (0-50)           |             | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    |      |      |      |      |      |      |      |      |      |  |
| Satisfactory (51-100) |             | 2    | 10   | 13   | 7    | 48   | 20   | 21   | 32   | 11   |      |      |      |      |      |      |      |      |      |  |
| Moderate (101-200)    |             | 41   | 64   | 71   | 85   | 96   | 81   | 52   | 88   | 105  |      |      |      |      |      |      |      |      |      |  |
| Poor (201-300)        |             | 90   | 90   | 82   | 74   | 39   | 59   | 105  | 56   | 49   |      |      |      |      |      |      |      |      |      |  |
| Very Poor (301-400)   |             | 54   | 36   | 28   | 27   | 15   | 34   | 21   | 21   | 33   | 150  | 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 18 (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 18.07.24 to 06:00 am of 19.07.24)

| Date ↓ / parameter → | PM <sub>2.5</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|----------------------|--|---------------------------------------|
| 18- July -2024       | 47↑                                    | 110↑                                  |

Hotspots for Today:

\*Details given below

|           |  |               |                                   |
|-----------|--|---------------|-----------------------------------|
| Delhi     | Mundka, Sonia Vihar, Wazirpur, Anand Vihar, Jahangirpuri | Ghaziabad     | Loni                              |
| Faridabad | New Industrial Town, Sector 11                           | Greater Noida | Knowledge Park - V                |
| Gurugram  | Sector-51  | Noida         | Sector - 62, Sector-1, Sector-116 |

Forecast by IITM(Delhi):

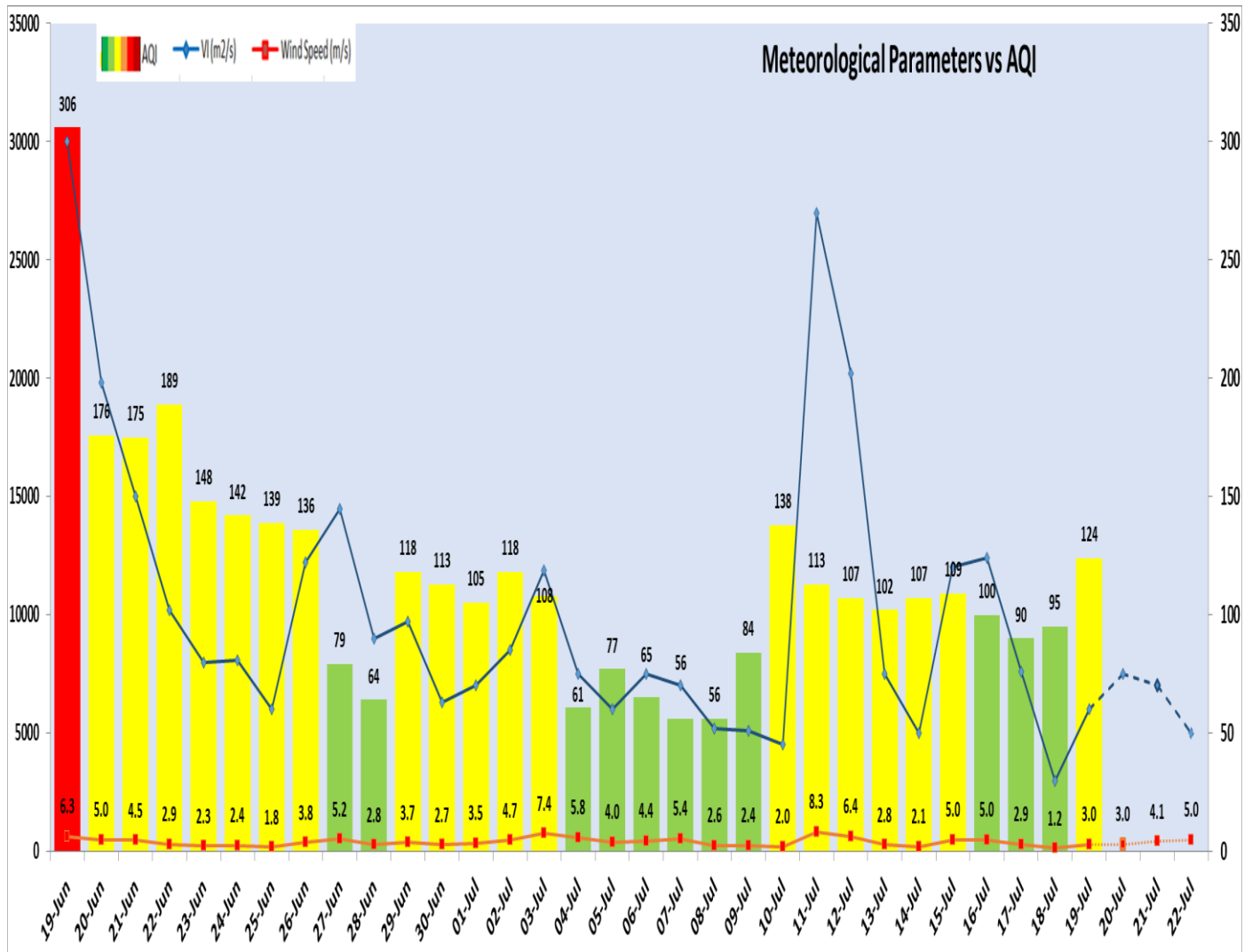
|                     |               |               |               |
|---------------------|---------------|---------------|---------------|
|                     | July 20, 2024 | July 21, 2024 | July 22, 2024 |
| <b>AQI Category</b> | Moderate      | Satisfactory  | Satisfactory  |

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 |
| July 20, 2024 | 12-16                           | 07                               | 10                             | SE/E           | SE                       |
| July 21, 2024 | 12-20                           | 08                               | 11                             | ESE/SE         | E                        |
| July 22, 2024 | 12-20                           | 11                               | 12                             | E              | E                        |

IMD Alert for Tomorrow (20.07.2024):

The air quality is likely to remain in Moderate category on 19.07.2024 and 20.07.2024. The predominant surface wind is likely to be coming from Southeast/East directions in Delhi with wind speed 12-16 kmph, generally cloudy sky and light rain/thunderstorm on 20.07.2024. Ventilation index is likely to be 7500 m<sup>2</sup>/s.



| Delhi Temperature in (°C) |         |         |
|---------------------------|---------|---------|
| Date                      | Minimum | Maximum |
| 16-07-2024                | 29.1    | 35.2    |
| 17-07-2024                | 29.8    | 38.4    |
| 18-07-2024                | 29.6    | 37.2    |
| 19-07-2024                | 27.4    | 37.0    |

▪ **\*Hotspots for Today**

| City          | Station Name                              | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi         | Mundka, Delhi - DPCC                      | 218       | Poor        | PM <sub>10</sub>    |
|               | Sonia Vihar, Delhi - DPCC                 | 184       | Moderate    | PM <sub>2.5</sub>   |
|               | Wazirpur, Delhi - DPCC                    | 175       | Moderate    | PM <sub>2.5</sub>   |
|               | Anand Vihar, Delhi - DPCC                 | 174       | Moderate    | PM <sub>10</sub>    |
|               | Jahangirpuri, Delhi - DPCC                | 170       | Moderate    | PM <sub>10</sub>    |
| Faridabad     | New Industrial Town, Faridabad - HSPCB    | 238       | Poor        | PM <sub>2.5</sub>   |
|               | Sector 11, Faridabad - HSPCB              | 201       | Poor        | PM <sub>2.5</sub>   |
| Gurugram      | Sector-51, Gurugram - HSPCB               | 127       | Moderate    | PM <sub>10</sub>    |
| Ghaziabad     | Loni, Ghaziabad - UPPCB                   | 203       | Poor        | PM <sub>2.5</sub>   |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 157       | Moderate    | PM <sub>10</sub>    |
| Noida         | Sector - 62, Noida - IMD                  | 118       | Moderate    | PM <sub>10</sub>    |
|               | Sector-1, Noida - UPPCB                   | 108       | Moderate    | PM <sub>10</sub>    |
|               | Sector-116, Noida - UPPCB                 | 107       | Moderate    | PM <sub>10</sub>    |