



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated - July 05, 2023



## Current Air Quality Status:

### Air Quality Index (AQI) (Average of past 24 hours at 4 PM)

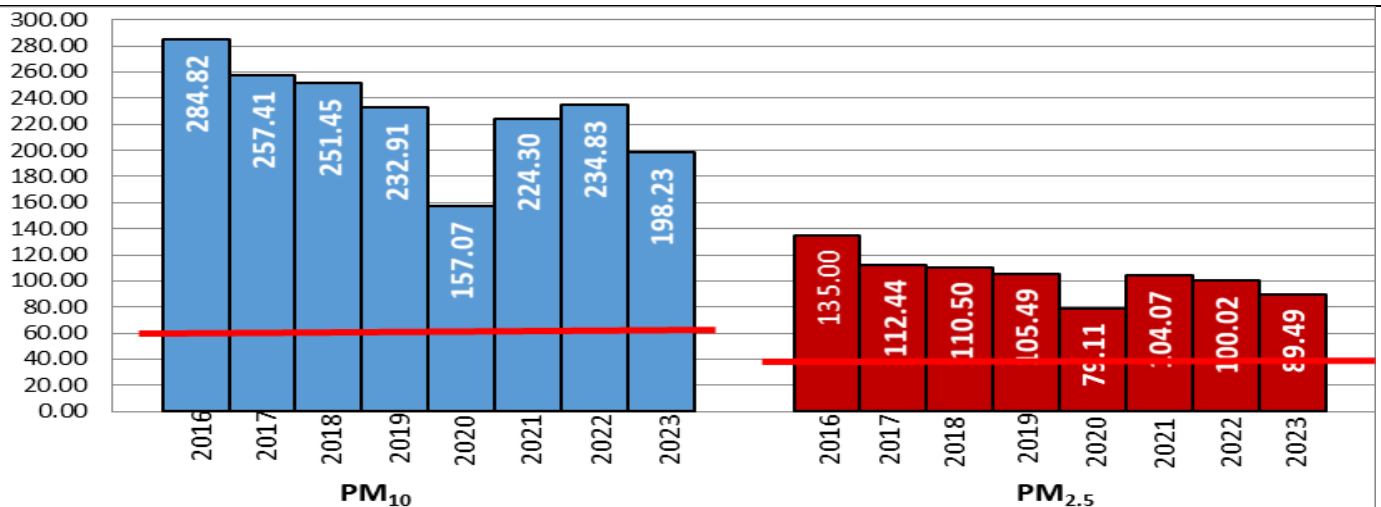
|               | Air Quality  | AQI Value | Prominent Pollutant                |
|---------------|--------------|-----------|------------------------------------|
| Delhi         | Satisfactory | 96 ↓      | NO <sub>2</sub> , PM <sub>10</sub> |
| Faridabad     | Severe       | 459 ↑     | PM <sub>10</sub>                   |
| Ghaziabad     | Satisfactory | 100 ↓     | PM <sub>10</sub>                   |
| Greater Noida | Moderate     | 108 ↓     | PM <sub>10</sub>                   |
| Gurugram      | Moderate     | 117 ↓     | PM <sub>2.5</sub>                  |
| Noida         | Moderate     | 112 ↓     | CO, NO <sub>2</sub>                |

\*Data available for 36 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 05 July 2016-2023

| Category              | Year        | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                       | No. of days | 180  | 186  | 186  | 186  | 187  | 186  | 186  | 186  |      |      |      |      |      |      |      |      |
| Good (0-50)           |             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |      |      |      |      |      |      |      |      |
| Satisfactory (51-100) |             | 0    | 4    | 8    | 4    | 37   | 11   | 10   | 19   | 33   | 62   | 69   | 83   | 131  | 87   | 59   | 106  |
| Moderate (101-200)    |             | 33   | 58   | 61   | 79   | 94   | 76   | 49   | 87   |      |      |      |      |      |      |      |      |
| Poor (201-300)        |             | 87   | 88   | 82   | 70   | 39   | 60   | 105  | 56   |      |      |      |      |      |      |      |      |
| Very Poor (301-400)   |             | 54   | 36   | 29   | 26   | 15   | 33   | 21   | 21   | 147  | 124  | 117  | 103  | 56   | 99   | 127  | 80   |
| Severe (>401)         |             | 6    | 0    | 6    | 7    | 2    | 6    | 1    | 3    |      |      |      |      |      |      |      |      |

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average - Till July 04 (2016-2023)



### Daily Average of Particulates in Delhi

| Date ↓ / parameter → | PM <sub>2.5</sub> in µg/m <sup>3</sup> | PM <sub>10</sub> in µg/m <sup>3</sup> |
|----------------------|--|---------------------------------------|
| 04-July-2023         | 44                                     | 110                                   |

▪ **Hotspots for Today:** \*Details given overleaf

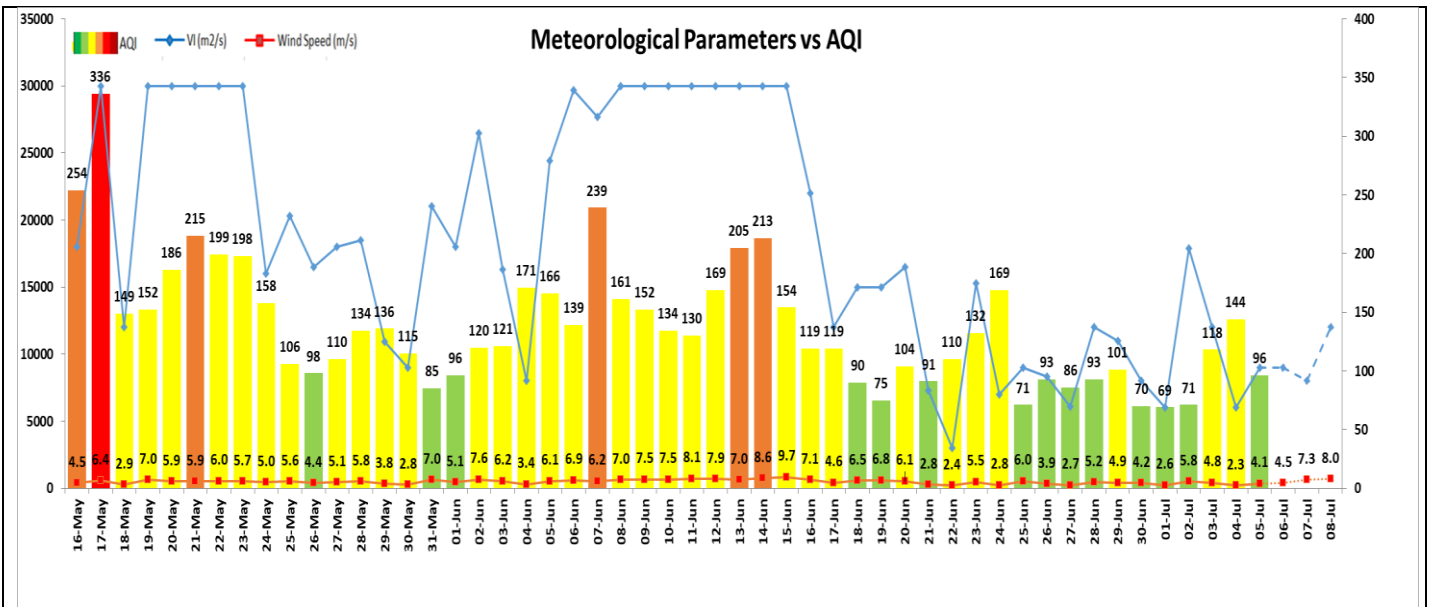
|           |   |               |                        |
|-----------|---|---------------|------------------------|
| Delhi     | Anand Vihar, Wazirpur, Narela, IGI Airport (T3), Mundka | Ghaziabad     | Loni, Vasundhara,      |
| Faridabad | New Industrial Town                                     | Greater Noida | Knowledge Park - V     |
| Gurugram  | Sector-51   | Noida         | Sector-1, Sector - 125 |

▪ **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 06, 2023 | 06-10                           | 13                               | 19                             | SE             | E                        |
| July 07, 2023 | 14                              | 11                               | 15                             | SE             | E                        |
| July 08, 2023 | 08-10                           | 12                               | 25                             | SE/E           | E                        |

▪ **IMD Alert for Tomorrow (06.07.2023):**

The air quality is likely to remain in Satisfactory category from 06.07.2023 to 08.07.2023. The predominant surface wind is likely to be coming from Southeast directions in Delhi with wind speed 06-10 kmph, generally cloudy sky and very light rain/drizzle on 06.07.2023. Ventilation index is likely to be 9000 m<sup>2</sup>/s.



▪ **Hotspots for Today**

| City          | Station Name                              | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi         | Anand Vihar, Delhi - DPCC                 | 209       | Poor        | NO <sub>2</sub>     |
|               | Wazirpur, Delhi - DPCC                    | 153       | Moderate    | PM <sub>10</sub>    |
|               | Narela, Delhi - DPCC                      | 122       | Moderate    | PM <sub>10</sub>    |
|               | IGI Airport (T3), Delhi - IMD             | 115       | Moderate    | CO                  |
|               | Mundka, Delhi - DPCC                      | 109       | Moderate    | PM <sub>10</sub>    |
| Faridabad     | New Industrial Town, Faridabad - HSPCB    | 459       | Severe      | PM <sub>10</sub>    |
| Gurugram      | Sector-51, Gurugram - HSPCB               | 161       | Moderate    | PM <sub>2.5</sub>   |
| Ghaziabad     | Loni, Ghaziabad - UPPCB                   | 128       | Moderate    | PM <sub>10</sub>    |
|               | Vasundhara, Ghaziabad - UPPCB             | 106       | Moderate    | PM <sub>10</sub>    |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 124       | Moderate    | PM <sub>10</sub>    |
| Noida         | Sector-1, Noida - UPPCB                   | 141       | Moderate    | CO                  |
|               | Sector - 125, Noida - UPPCB               | 119       | Moderate    | NO <sub>2</sub>     |