



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – August 15, 2022



## Current Air Quality Status:

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

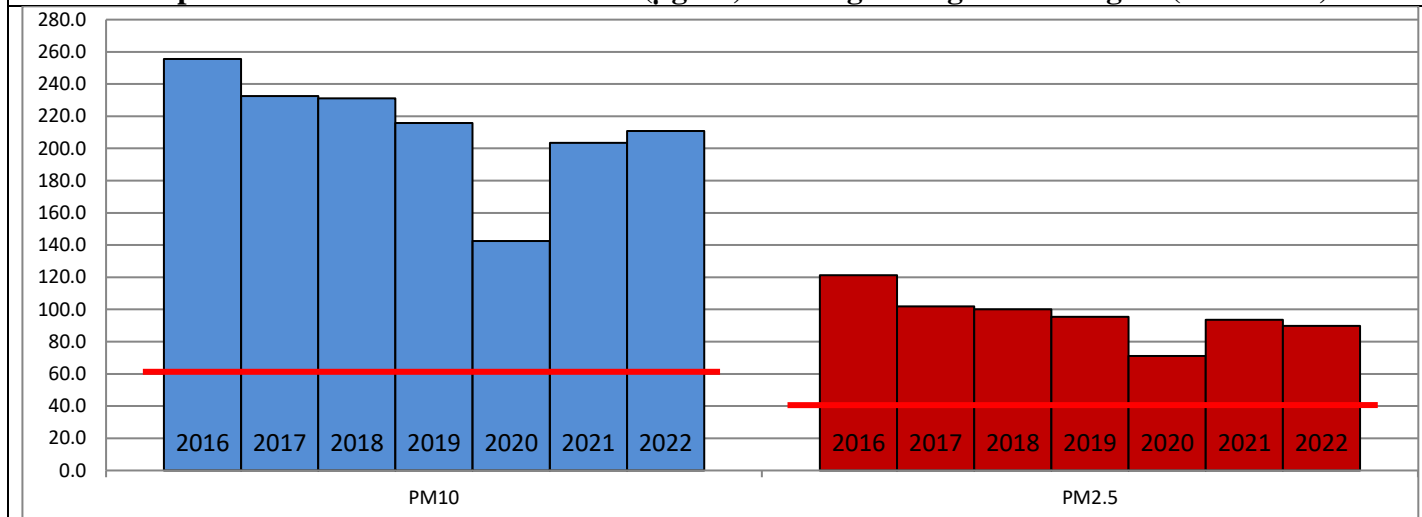
|               | Air Quality  | AQI Value | Prominent Pollutant                                   |
|---------------|--------------|-----------|-------------------------------------------------------|
| Delhi         | Satisfactory | 62 ↓      | CO, PM <sub>10</sub> , PM <sub>2.5</sub>              |
| Faridabad     | Satisfactory | 90 ↓      | PM <sub>10</sub> , O <sub>3</sub> , PM <sub>2.5</sub> |
| Ghaziabad     | Good         | 41 ↓      | PM <sub>10</sub> , NO <sub>2</sub>                    |
| Greater Noida | Satisfactory | 70 ↓      | CO                                                    |
| Gurugram      | Satisfactory | 78 ↑      | PM <sub>10</sub>                                      |
| Noida         | Satisfactory | 51 ↓      | CO, PM <sub>10</sub> , SO <sub>2</sub>                |

\*Data available for 33 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 15 August 2016-2022

| Category              | Year        | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                       | No. of days | 216  | 227  | 227  | 227  | 228  | 227  | 227  |      |      |      |      |      |      |      |
| Good (0–50)           |             | 0    | 2    | 0    | 0    | 2    | 0    | 0    |      |      |      |      |      |      |      |
| Satisfactory (51–100) |             | 13   | 26   | 26   | 29   | 74   | 46   | 42   | 65   | 102  | 107  | 119  | 172  | 128  | 100  |
| Moderate (101–200)    |             | 52   | 74   | 81   | 90   | 96   | 82   | 58   |      |      |      |      |      |      |      |
| Poor (201–300)        |             | 91   | 89   | 86   | 74   | 39   | 60   | 105  |      |      |      |      |      |      |      |
| Very Poor (301–400)   |             | 54   | 36   | 28   | 27   | 15   | 33   | 21   | 151  | 125  | 120  | 108  | 56   | 99   | 127  |
| Severe (>401)         |             | 6    | 0    | 6    | 7    | 2    | 6    | 1    |      |      |      |      |      |      |      |

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average – Till Aug 11 (2016-2022)



### Hotspots for Today:

\*Details given overleaf

|           |                                                                 |               |                  |
|-----------|-----------------------------------------------------------------|---------------|------------------|
| Delhi     | Lodhi Road, Burari Crossing, Anand Vihar, Pusa, IGI Airport(T3) | Gurugram      | Teri Gram        |
| Faridabad | Sector-16A                                                      | Greater Noida | Knowledge Park-V |
| Ghaziabad | -                                                               | Noida         | Sector-62        |

### Forecast by IITM (Delhi):

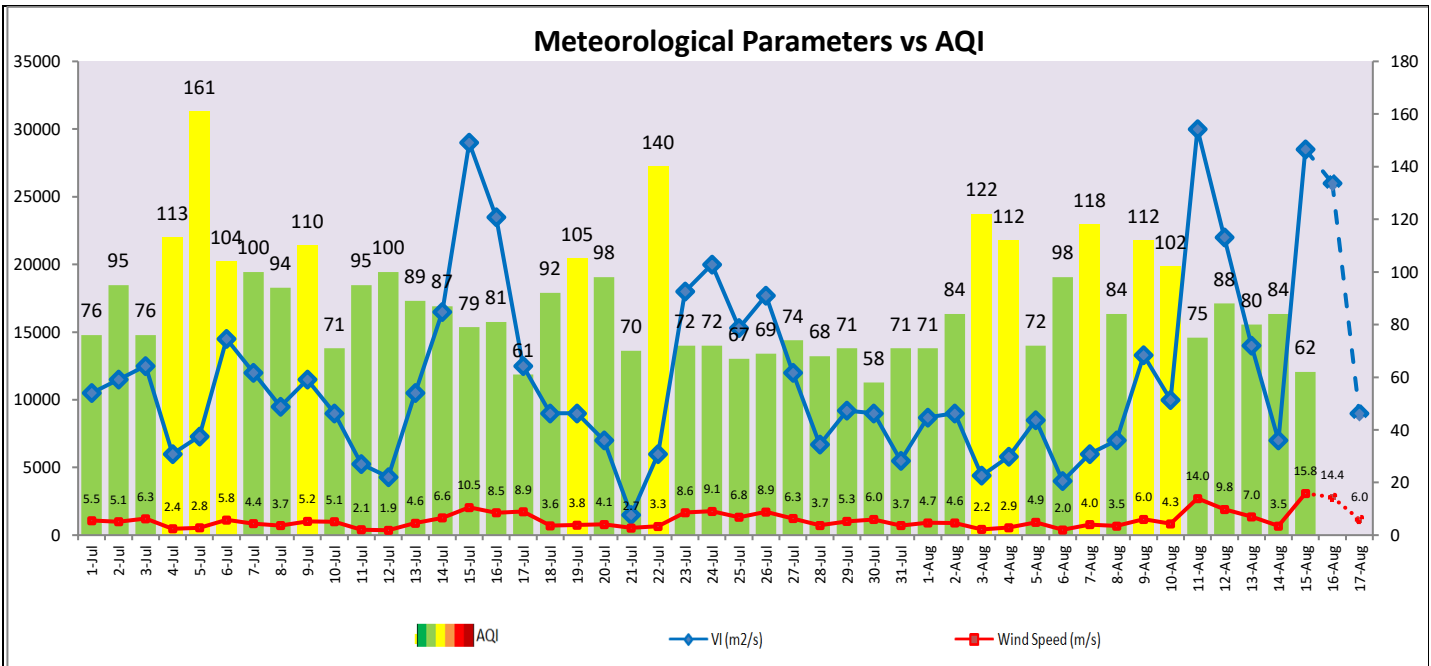
| Parameters        | Aug 16, 2022  |              | Aug 17, 2022- Aug 18, 2022 |              |
|-------------------|---------------|--------------|----------------------------|--------------|
|                   | Concentration | AQI Category | Concentration              | AQI Category |
| PM <sub>10</sub>  | 62            | Satisfactory | 73                         | Satisfactory |
| PM <sub>2.5</sub> | 23            | Good         | 27                         | Good         |

▪ **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 16, 2022 | 22-24                           | 22                               | 58                             | SE             | E                        |
| Aug 17, 2022 | 10-16                           | 12                               | 20                             | S              | S                        |
| Aug 18, 2022 | 08-10                           | 13                               | 29                             | W              | W                        |

▪ **IMD Alert for Tomorrow (16.08.2022):**

The air quality over Delhi is likely to remain in Satisfactory category on 16.08.2022 and 17.08.2022. The predominant surface wind is likely to be coming from Southeast direction in Delhi with wind speed 22-24 kmph, generally cloudy sky, light rain/ thundershowers and strong surface winds speed (20- 30 kmph) during the day tomorrow. Ventilation index is likely to be 26,000 m<sup>2</sup>/s.



▪ **Hotspots for Today**

| City          | Station Name                              | AQI value | Air Quality  | Prominent Pollutant |
|---------------|-------------------------------------------|-----------|--------------|---------------------|
| Delhi         | Burari Crossing, Delhi - IMD              | 210       | Poor         | PM <sub>10</sub>    |
|               | Pusa, Delhi - IMD                         | 108       | Moderate     | CO                  |
|               | IGI Airport (T3), Delhi - IMD             | 90        | Satisfactory | CO                  |
|               | Lodhi Road, Delhi - IMD                   | 89        | Satisfactory | PM <sub>2.5</sub>   |
|               | Anand Vihar, Delhi - DPCC                 | 84        | Satisfactory | PM <sub>10</sub>    |
| Faridabad     | Sector- 16A, Faridabad - HSPCB            | 198       | Moderate     | O <sub>3</sub>      |
| Gurugram      | Teri Gram, Gurugram - HSPCB               | 81        | Satisfactory | PM <sub>10</sub>    |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 94        | Satisfactory | CO                  |
| Noida         | Sector - 62, Noida - IMD                  | 79        | Satisfactory | CO                  |