



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – September 08, 2022



## Current Air Quality Status:

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

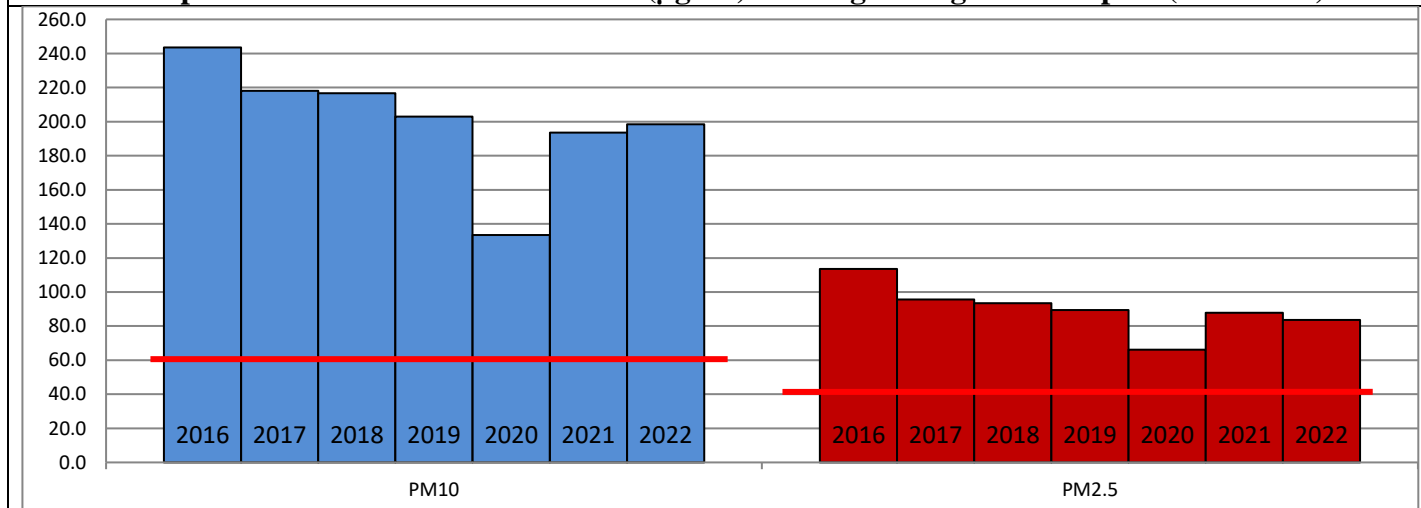
|               | Air Quality | AQI Value | Prominent Pollutant                                   |
|---------------|-------------|-----------|---|
| Delhi         | Moderate    | 136 ↑     | O <sub>3</sub> , PM <sub>2.5</sub> , PM <sub>10</sub> |
| Faridabad     | Moderate    | 168 ↓     | O <sub>3</sub> , PM <sub>10</sub>                     |
| Ghaziabad     | Moderate    | 130 ↑     | PM <sub>10</sub>                                      |
| Greater Noida | Moderate    | 172 ↑     | PM <sub>10</sub>                                      |
| Gurugram      | Moderate    | 168 ↑     | PM <sub>10</sub> , O <sub>3</sub>                     |
| Noida         | Moderate    | 133 ↑     | PM <sub>10</sub>                                      |

\*Data available for 34 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 08 September 2016-2022

| Category              | Year        | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                       | No. of days | 240  | 251  | 251  | 251  | 252  | 251  | 251  |      |      |      |      |      |      |      |
| Good (0–50)           |             | 0    | 2    | 0    | 2    | 5    | 0    | 0    |      |      |      |      |      |      |      |
| Satisfactory (51–100) |             | 24   | 42   | 44   | 40   | 94   | 58   | 50   | 88   | 126  | 131  | 143  | 196  | 152  | 124  |
| Moderate (101–200)    |             | 64   | 82   | 87   | 101  | 97   | 94   | 74   |      |      |      |      |      |      |      |
| Poor (201–300)        |             | 92   | 89   | 86   | 74   | 39   | 60   | 105  |      |      |      |      |      |      |      |
| Very Poor (301–400)   |             | 54   | 36   | 28   | 27   | 15   | 33   | 21   | 152  | 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 Sep 07 (2016-2022)



### Hotspots for Today:

\*Details given overleaf

|           |  |               |                  |
|-----------|--|---------------|------------------|
| Delhi     | ITO, Sonia Vihar, Anand Vihar, NSIT Dwarka, Mundka | Ghaziabad     | Loni, Vasundhara |
| Faridabad | Sector-11  | Greater Noida | Knowledge Park-V |
| Gurugram  | -  | Noida         | Sector-116       |

### Forecast by IITM (Delhi):

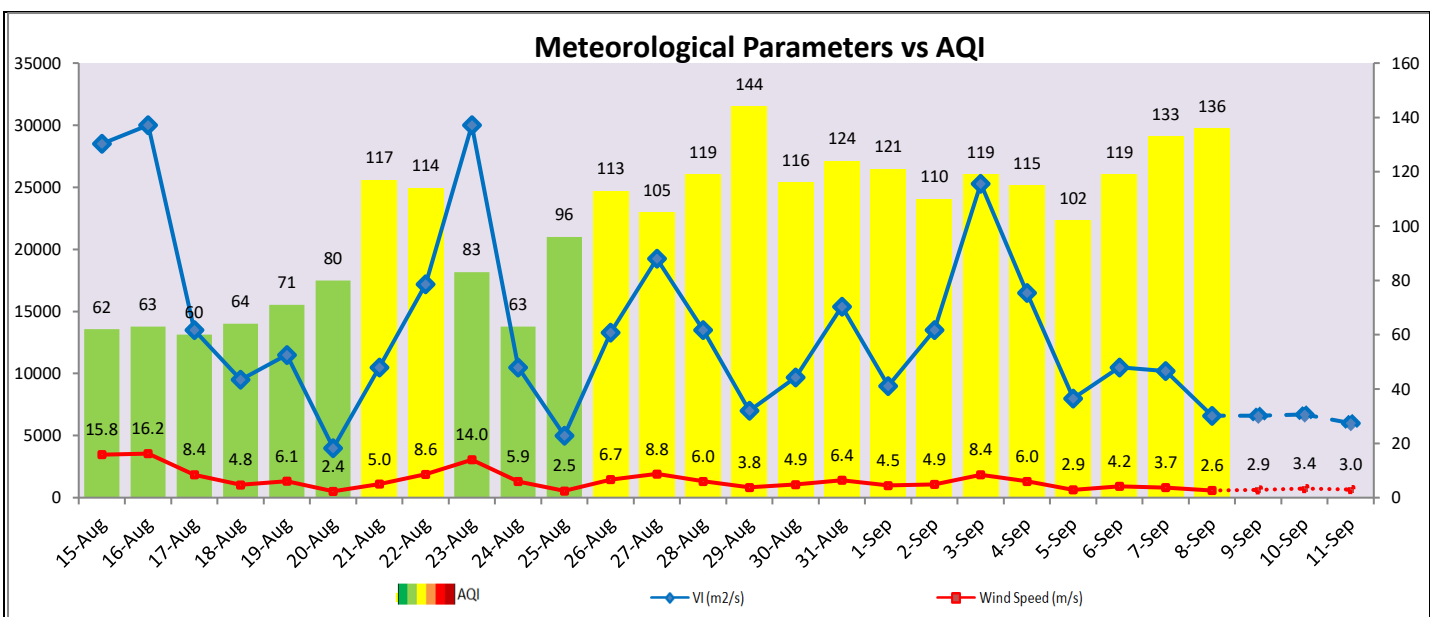
| Parameters        | Sep 09, 2022  |              | Sep 10, 2022- Sep 11, 2022 |              |
|-------------------|---------------|--------------|----------------------------|--------------|
|                   | Concentration | AQI Category | Concentration              | AQI Category |
| PM <sub>10</sub>  | 135           | Moderate     | 98                         | Satisfactory |
| PM <sub>2.5</sub> | 58            | Satisfactory | 42                         | 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 |
| Sep 09, 2022 | Upto 12                         | 06                               | 08                             | SE             | E                        |
| Sep 10, 2022 | Upto 12                         | 05                               | 05                             | SE             | NE                       |
| Sep 11, 2022 | 12-14                           | 11                               | 12                             | ESE            | NE                       |

▪ **IMD Alert for Tomorrow (09.09.2022):**

The air quality is likely to improve and reach in lower end of Moderate category on 09.09.2022 and Satisfactory category on 10.09.2022 and 11.09.2022. The predominant surface wind is likely to be coming from Southeast direction in Delhi with wind speed upto 12 kmph and generally cloudy sky tomorrow. Ventilation index is likely to be 6,600 m<sup>2</sup>/s.



▪ **Hotspots for Today**

| City          | Station Name                              | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi         | ITO, Delhi - CPCB                         | 274       | Poor        | PM <sub>2.5</sub>   |
|               | Sonia Vihar, Delhi - DPCC                 | 233       | Poor        | PM <sub>10</sub>    |
|               | Anand Vihar, Delhi - DPCC                 | 182       | Moderate    | PM <sub>10</sub>    |
|               | NSIT Dwarka, Delhi - CPCB                 | 174       | Moderate    | PM <sub>2.5</sub>   |
|               | Mundka, Delhi - DPCC                      | 164       | Moderate    | PM <sub>10</sub>    |
| Faridabad     | Sector 11, Faridabad - HSPCB              | 191       | Moderate    | PM <sub>10</sub>    |
| Ghaziabad     | Vasundhara, Ghaziabad - UPPCB             | 144       | Moderate    | PM <sub>10</sub>    |
|               | Loni, Ghaziabad - UPPCB                   | 143       | Moderate    | PM <sub>10</sub>    |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 199       | Moderate    | PM <sub>10</sub>    |
| Noida         | Sector-116, Noida - UPPCB                 | 141       | Moderate    | PM <sub>10</sub>    |