



# Central Pollution Control Board

## Air Quality Status for Delhi & NCR

Dated – October 03, 2022



### Current Air Quality Status:

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

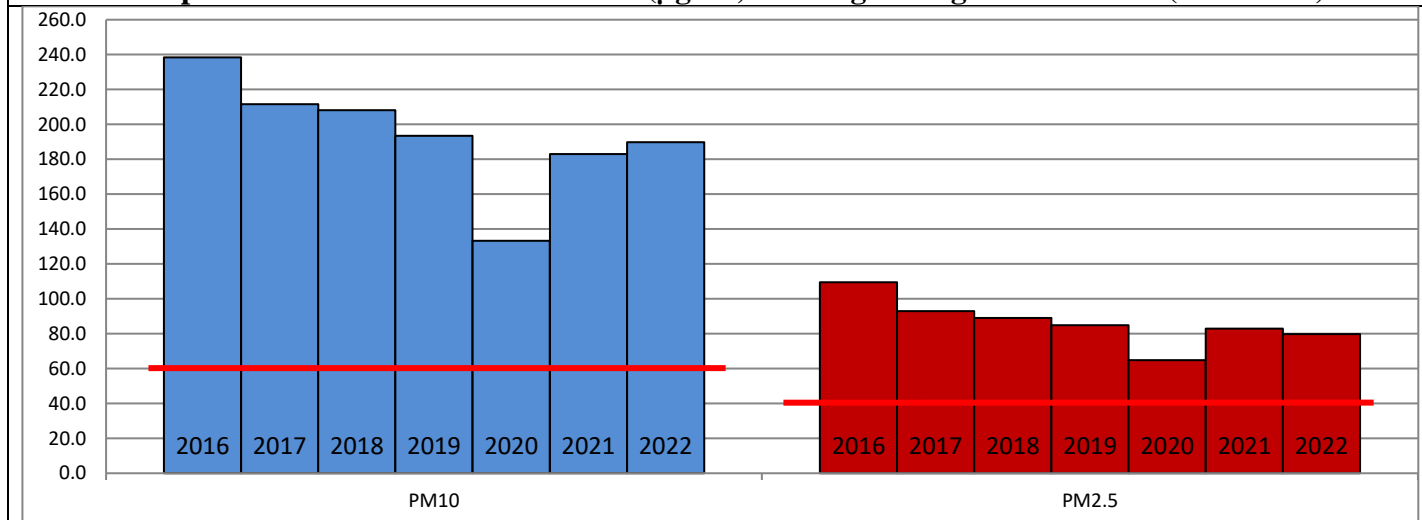
|               | Air Quality | AQI Value | Prominent Pollutant                  |
|---------------|-------------|-----------|--------------------------------------|
| Delhi         | Moderate    | 128 ↓     | PM <sub>10</sub> , O <sub>3</sub>    |
| Faridabad     | Moderate    | 109 ↓     | PM <sub>10</sub>                     |
| Ghaziabad     | Moderate    | 138 ↓     | PM <sub>10</sub>                     |
| Greater Noida | Moderate    | 137 ↓     | PM <sub>10</sub>                     |
| Gurugram      | Moderate    | 130 ↓     | PM <sub>10</sub> , PM <sub>2.5</sub> |
| Noida         | Moderate    | 130 ↓     | PM <sub>10</sub> , PM <sub>2.5</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 03 October 2016-2022

| Category              | Year        | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                       | No. of days | 265  | 276  | 276  | 276  | 277  | 276  | 276  |      |      |      |      |      |      |      |
| Good (0-50)           |             | 0    | 2    | 0    | 2    | 5    | 0    | 1    |      |      |      |      |      |      |      |
| Satisfactory (51-100) |             | 24   | 45   | 53   | 56   | 95   | 78   | 61   | 108  | 148  | 155  | 168  | 221  | 177  | 149  |
| Moderate (101-200)    |             | 84   | 101  | 102  | 110  | 121  | 99   | 87   |      |      |      |      |      |      |      |
| Poor (201-300)        |             | 97   | 92   | 87   | 74   | 39   | 60   | 105  |      |      |      |      |      |      |      |
| Very Poor (301-400)   |             | 54   | 36   | 28   | 27   | 15   | 33   | 21   | 157  | 128  | 121  | 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 Oct 02 (2016-2022)



#### Hotspots for Today:

\*Details given overleaf

|           |   |               |                         |
|-----------|---|---------------|-------------------------|
| Delhi     | Anand Vihar, ITO, IHBAS-Dilshad Garden, NSIT Dwarka, Wazirpur | Ghaziabad     | Vasundhara, Indirapuram |
| Faridabad | Sector-11   | Greater Noida | Knowledge Park-III      |
| Gurugram  | Teri Gram   | Noida         | Sector-116, Sector-1    |

#### Forecast by IITM (Delhi):

| Parameters        | Oct 04, 2022  |              | Oct 05, 2022- Oct 06, 2022 |              |
|-------------------|---------------|--------------|----------------------------|--------------|
|                   | Concentration | AQI Category | Concentration              | AQI Category |
| PM <sub>10</sub>  | 122           | Moderate     | 134                        | Moderate     |
| PM <sub>2.5</sub> | 43            | Satisfactory | 48                         | Satisfactory |

**Wind Forecast for Delhi:**

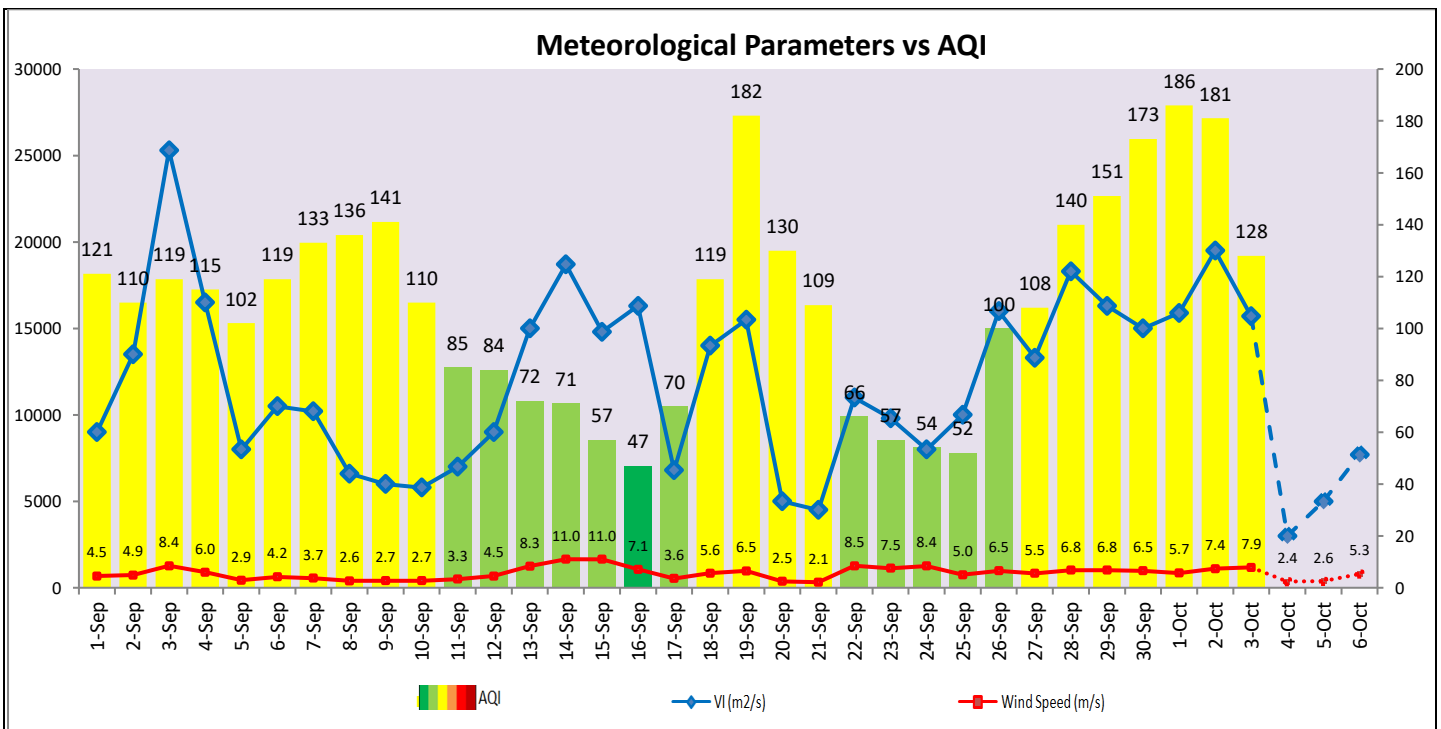
|              | Wind speed (at surface) in km/h |                                  | Wind speed (at 900 m) in km/h  | Wind Direction |                          |
|--------------|---------------------------------|----------------------------------|--------------------------------|----------------|--------------------------|
|              | 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 |
| Oct 04, 2022 | 08-12                           | 07                               | 12                             | NE/NW          | N                        |
| Oct 05, 2022 | 12-24                           | 07                               | 10                             | E/SE           | NE                       |
| Oct 06, 2022 | 12-22                           | 16                               | 47                             | E/SE           | E                        |

**IMD Alert for Tomorrow (04.10.2022):**

The overall air quality over Delhi is likely to remain in Moderate category on from 04.10.2022 and 05.10.2022. The predominant surface wind is likely to be coming from Northwest/Northeast direction in Delhi with wind speed 08-12 kmph and partly cloudy sky tomorrow. Ventilation index is likely to be 3,000m<sup>2</sup>/s.

**Active Fire Events (AFE):**

| Date       | Punjab          |                          | Haryana         |                          |
|------------|-----------------|--------------------------|-----------------|--------------------------|
|            | Nos. on the day | Total since September 15 | Nos. on the day | Total since September 15 |
| 02.10.2022 | 83              | 275                      | 7               | 9                        |
| 02.10.2021 | 0               | 228                      | 2               | 13                       |



▪ **Hotspots for Today**

| City          | Station Name                                | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi         | Anand Vihar, Delhi - DPCC                   | 374       | Very Poor   | PM <sub>10</sub>    |
|               | ITO, Delhi - CPCB                           | 200       | Moderate    | O <sub>3</sub>      |
|               | IHBAS, Dilshad Garden, Delhi - CPCB         | 185       | Moderate    | PM <sub>10</sub>    |
|               | NSIT Dwarka, Delhi - CPCB                   | 164       | Moderate    | PM <sub>10</sub>    |
|               | Wazirpur, Delhi - DPCC                      | 141       | Moderate    | PM <sub>10</sub>    |
| Faridabad     | Sector 11, Faridabad - HSPCB                | 116       | Moderate    | PM <sub>10</sub>    |
| Gurugram      | Teri Gram, Gurugram - HSPCB                 | 136       | Moderate    | PM <sub>10</sub>    |
| Ghaziabad     | Vasundhara, Ghaziabad - UPPCB               | 152       | Moderate    | PM <sub>10</sub>    |
|               | Indirapuram, Ghaziabad - UPPCB              | 135       | Moderate    | PM <sub>10</sub>    |
| Greater Noida | Knowledge Park - III, Greater Noida - UPPCB | 144       | Moderate    | PM <sub>10</sub>    |
| Noida         | Sector-1, Noida - UPPCB                     | 145       | Moderate    | PM <sub>10</sub>    |
|               | Sector-116, Noida - UPPCB                   | 134       | Moderate    | PM <sub>10</sub>    |