



# Central Pollution Control Board

## Air Quality Status for Delhi & NCR

Dated – January 30, 2023



### Current Air Quality Status:

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

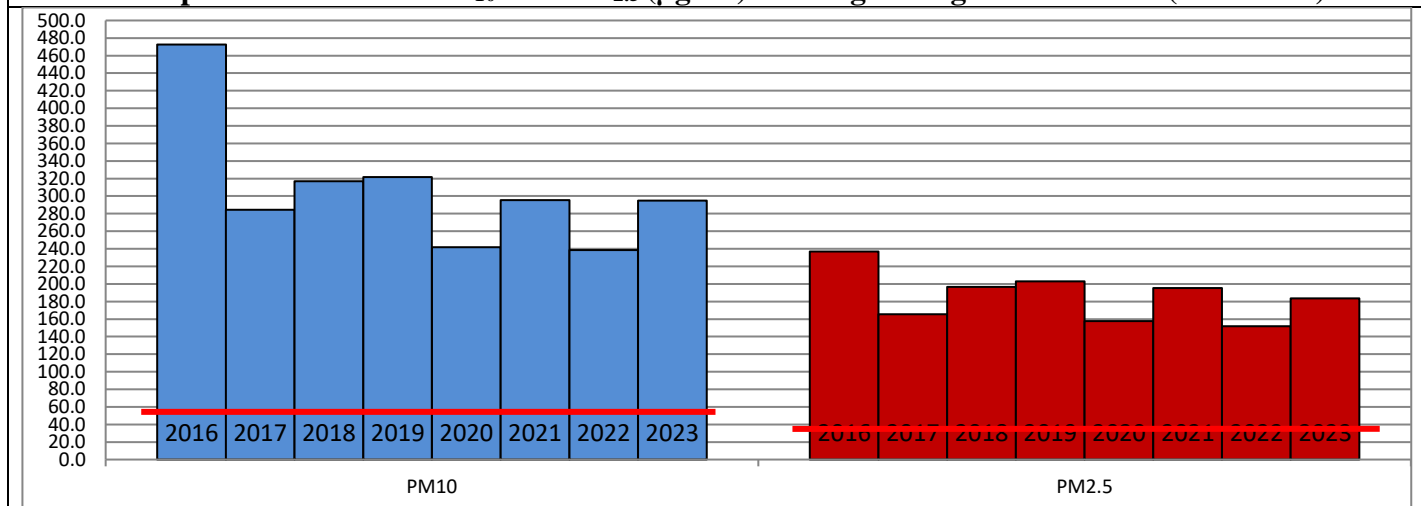
|               | Air Quality | AQI Value | Prominent Pollutant                  |
|---------------|-------------|-----------|--------------------------------------|
| Delhi         | Poor        | 207 ↓     | PM <sub>2.5</sub>                    |
| Faridabad     | Moderate    | 179 ↓     | PM <sub>10</sub> , PM <sub>2.5</sub> |
| Ghaziabad     | -           | -         | -                                    |
| Greater Noida | Moderate    | 156 ↓     | PM <sub>2.5</sub>                    |
| Gurugram      | Moderate    | 117 ↓     | PM <sub>2.5</sub>                    |
| Noida         | Moderate    | 170 ↓     | PM <sub>2.5</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 30 January 2016-2023

| Category              | Year        | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                       | No. of days | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   |      |      |      |      |      |      |      |      |
| Good (0-50)           |             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |      |      |      |      |      |      |      |      |
| Satisfactory (51-100) |             | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 0    | 0    | 2    | 0    | 2    | 2    | 2    | 5    | 1    |
| Moderate (101-200)    |             | 0    | 2    | 0    | 2    | 2    | 2    | 3    | 1    |      |      |      |      |      |      |      |      |
| Poor (201-300)        |             | 2    | 9    | 9    | 9    | 16   | 8    | 12   | 11   |      |      |      |      |      |      |      |      |
| Very Poor (301-400)   |             | 22   | 19   | 18   | 12   | 10   | 14   | 12   | 15   | 30   | 28   | 30   | 28   | 28   | 28   | 25   | 29   |
| Severe (>401)         |             | 6    | 0    | 3    | 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 Jan 29 (2016-2023)



#### Hotspots for Today:

\*Details given overleaf

|           |   |               |   |
|-----------|---|---------------|---|
| Delhi     | ITO, Patparganj, Punjabi Bagh, Mundka, Wazirpur | Ghaziabad     | - |
| Faridabad | Sector-30, Sector-11                            | Greater Noida | - |
| Gurugram  | Teri Gram                                       | Noida         | - |

#### Forecast by IITM (Delhi):

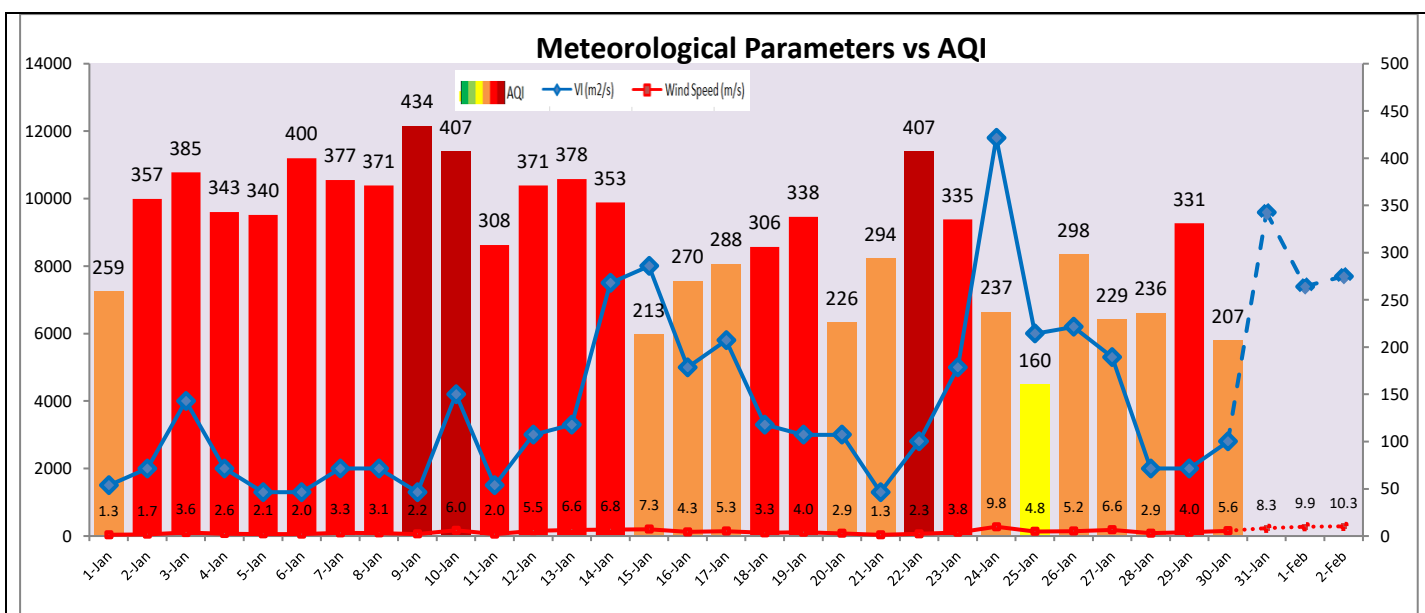
|                   | Jan 31, 2023  |              | Feb 01, 2023- Feb 02, 2023 |              |
|-------------------|---------------|--------------|----------------------------|--------------|
|                   | Concentration | AQI Category | Concentration              | AQI Category |
| PM <sub>10</sub>  | 125           | Moderate     | 167                        | Moderate     |
| PM <sub>2.5</sub> | 79            | Moderate     | 106                        | Poor         |

### 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 |
| Jan 31, 2023 | Upto 16                         | 15                               | 38                             | NW             | NW                       |
| Feb 01, 2023 | Upto 16                         | 14                               | 43                             | NW             | NW                       |
| Feb 02, 2023 | 12-20                           | 11                               | 44                             | NW             | NW                       |

### IMD Alert for Tomorrow (31.01.2023):

The air quality is likely to remain in Poor category on 31.01.2023. The predominant surface wind is likely to be coming from Northwest direction in Delhi with wind speed upto 16 kmph and mainly clear sky tomorrow. Ventilation index is likely to be 9,600 m<sup>2</sup>/s.



### Hotspots for Today

| City      | Station Name                 | AQI value | Air Quality | Prominent Pollutant |
|-----------|------------------------------|-----------|-------------|---------------------|
| Delhi     | ITO, Delhi - CPCB            | 276       | Poor        | PM <sub>2.5</sub>   |
|           | Patparganj, Delhi - DPCC     | 264       | Poor        | PM <sub>2.5</sub>   |
|           | Punjabi Bagh, Delhi - DPCC   | 263       | Poor        | PM <sub>2.5</sub>   |
|           | Mundka, Delhi - DPCC         | 255       | Poor        | PM <sub>2.5</sub>   |
|           | Wazirpur, Delhi - DPCC       | 234       | Poor        | PM <sub>2.5</sub>   |
| Faridabad | Sector 30, Faridabad - HSPCB | 257       | Poor        | PM <sub>2.5</sub>   |
|           | Sector 11, Faridabad - HSPCB | 201       | Poor        | PM <sub>10</sub>    |
| Gurugram  | Teri Gram, Gurugram - HSPCB  | 151       | Moderate    | PM <sub>2.5</sub>   |