



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 23, 2022



## Current Air Quality Status:

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

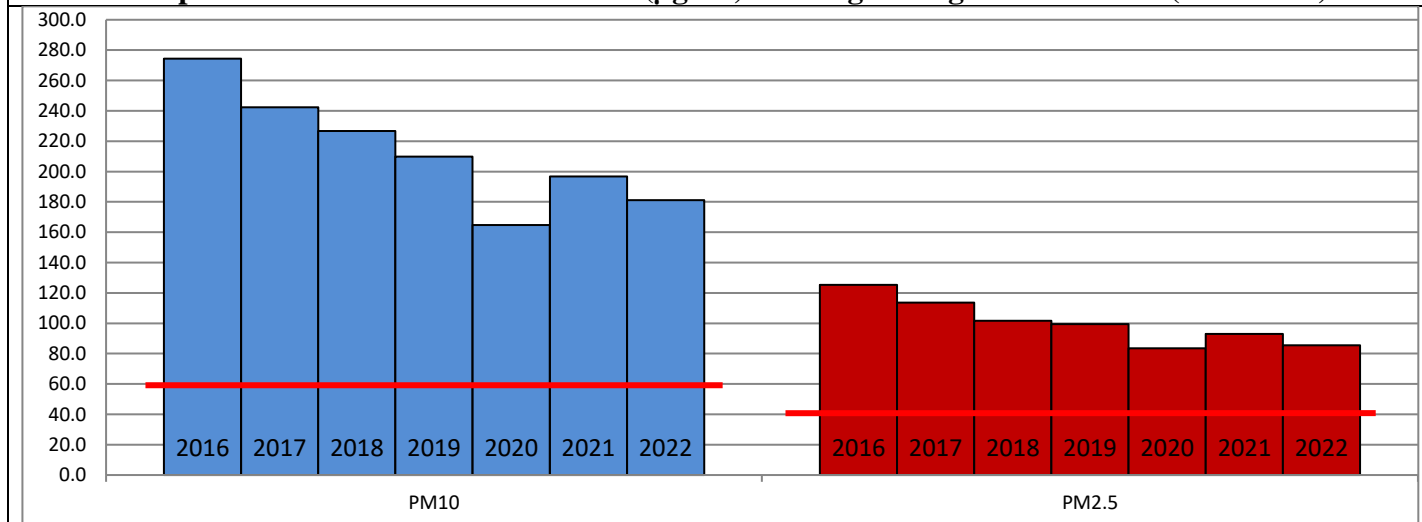
|               | Air Quality | AQI Value | Prominent Pollutant                  |
|---------------|-------------|-----------|--------------------------------------|
| Delhi         | Poor        | 237 ↓     | PM <sub>10</sub> , PM <sub>2.5</sub> |
| Faridabad     | Moderate    | 198 ↓     | PM <sub>2.5</sub>                    |
| Ghaziabad     | Moderate    | 190 ↑     | PM <sub>10</sub>                     |
| Greater Noida | Moderate    | 198 ↓     | PM <sub>10</sub>                     |
| Gurugram      | Poor        | 212 ↓     | PM <sub>2.5</sub>                    |
| Noida         | Moderate    | 182 ↓     | 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 23 November 2016-2022

| Category              | Year        | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                       | No. of days | 316  | 327  | 327  | 327  | 328  | 327  | 327  |      |      |      |      |      |      |      |
| Good (0–50)           |             | 0    | 2    | 0    | 2    | 5    | 1    | 3    |      |      |      |      |      |      |      |
| Satisfactory (51–100) |             | 24   | 45   | 53   | 58   | 95   | 81   | 65   | 110  | 150  | 158  | 175  | 225  | 197  | 160  |
| Moderate (101–200)    |             | 86   | 103  | 105  | 115  | 125  | 115  | 92   |      |      |      |      |      |      |      |
| Poor (201–300)        |             | 116  | 105  | 108  | 93   | 63   | 70   | 125  |      |      |      |      |      |      |      |
| Very Poor (301–400)   |             | 72   | 64   | 49   | 43   | 30   | 46   | 38   | 206  | 177  | 169  | 152  | 103  | 130  | 167  |
| Severe (>401)         |             | 18   | 8    | 12   | 16   | 10   | 14   | 4    |      |      |      |      |      |      |      |

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average – Till Nov 22 (2016-2022)



### Hotspots for Today:

\*Details given overleaf

|           |  |               |                  |
|-----------|--|---------------|------------------|
| Delhi     | Burari Crossing, NSIT Dwarka, Nehru Nagar, Anand Vihar, Shadipur | Ghaziabad     | Vasundhara, Loni |
| Faridabad | Sector- 11   | Greater Noida | Knowledge Park-V |
| Gurugram  | Sector-51  | Noida         | Sector – 62      |

### Forecast by IITM (Delhi):

|                   | Nov 24, 2022  |              | Nov 25, 2022- Nov 26, 2022 |              |
|-------------------|---------------|--------------|----------------------------|--------------|
|                   | Concentration | AQI Category | Concentration              | AQI Category |
| PM <sub>10</sub>  | 184           | Moderate     | 217                        | Moderate     |
| PM <sub>2.5</sub> | 97            | Poor         | 115                        | 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 |
| Nov 24, 2022 | 12                              | 11                               | 26                             | WNW/NW         | NW                       |
| Nov 25, 2022 | 04-06                           | 11                               | 27                             | NW/SW          | NW                       |
| Nov 26, 2022 | 08-10                           | 09                               | 33                             | WNW/NW         | NW                       |

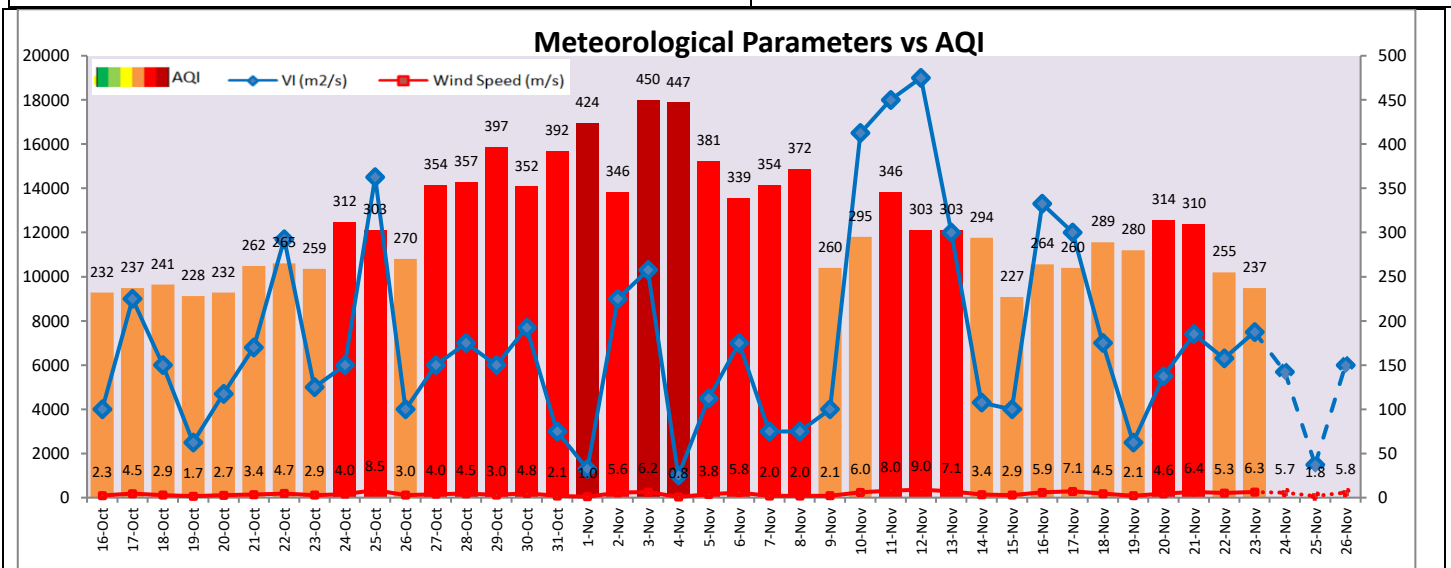
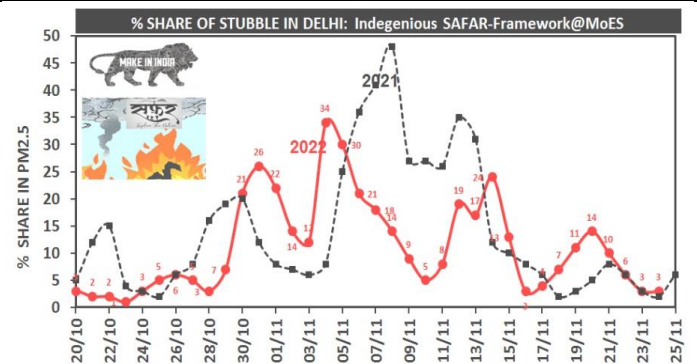
## IMD Alert for Tomorrow (24.11.2022):

The overall air quality over Delhi is likely to remain in Poor category on 24.11.2022. The predominant surface wind is likely to be coming from West-Northwest/ Northwest direction in Delhi with wind speed up to 12 kmph, mainly clear sky and haze tomorrow. Ventilation index is likely to be 5,700 m<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 |
| 22.11.2022 | 78              | 49604                    | 20              | 3522                     |
| 22.11.2021 | 66              | 71090                    | 91              | 6733                     |

\* As per IITM, the contribution of stubble burning to PM<sub>2.5</sub> in Delhi is ~03%.



## Hotspots for Today

| City          | Station Name                              | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi         | Burari Crossing, Delhi - IMD              | 330       | Very Poor   | PM <sub>10</sub>    |
|               | Anand Vihar, Delhi - DPCC                 | 310       | Very Poor   | PM <sub>10</sub>    |
|               | NSIT Dwarka, Delhi - CPCB                 | 290       | Poor        | PM <sub>2.5</sub>   |
|               | Shadipur, Delhi - CPCB                    | 289       | Poor        | PM <sub>2.5</sub>   |
|               | Nehru Nagar, Delhi - DPCC                 | 286       | Poor        | PM <sub>2.5</sub>   |
| Faridabad     | Sector 11, Faridabad - HSPCB              | 215       | Poor        | PM <sub>2.5</sub>   |
| Gurugram      | Sector-51, Gurugram - HSPCB               | 274       | Poor        | PM <sub>2.5</sub>   |
| Ghaziabad     | Vasundhara, Ghaziabad - UPPCB             | 221       | Poor        | PM <sub>10</sub>    |
|               | Loni, Ghaziabad - UPPCB                   | 204       | Poor        | PM <sub>2.5</sub>   |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 206       | Poor        | PM <sub>10</sub>    |
| Noida         | Sector - 62, Noida - IMD                  | 272       | Poor        | PM <sub>2.5</sub>   |