



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 26, 2022



## Current Air Quality Status:

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

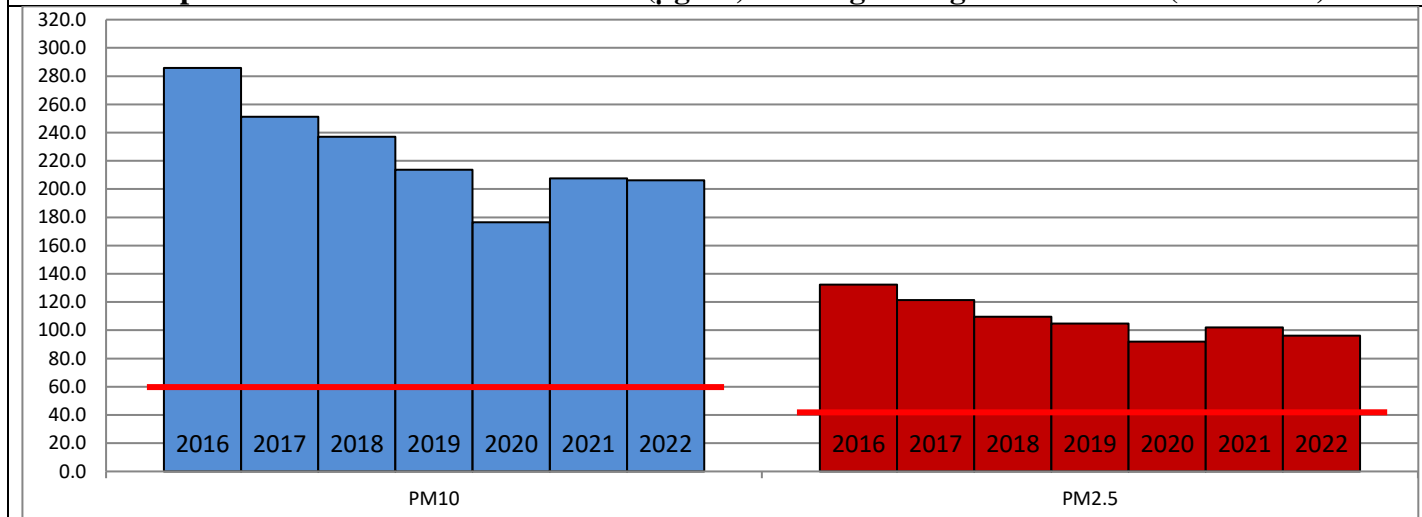
|               | Air Quality | AQI Value | Prominent Pollutant |
|---------------|-------------|-----------|---------------------|
| Delhi         | Very Poor   | 331 ↑     | PM <sub>2.5</sub>   |
| Faridabad     | Very Poor   | 306 ↑     | PM <sub>2.5</sub>   |
| Ghaziabad     | Poor        | 269 ↑     | PM <sub>2.5</sub>   |
| Greater Noida | Very Poor   | 347 ↑     | PM <sub>2.5</sub>   |
| Gurugram      | Poor        | 281 ↑     | PM <sub>2.5</sub>   |
| Noida         | Very Poor   | 303 ↑     | PM <sub>2.5</sub>   |

\*Data available for 37 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 26 December 2016-2022

| Category              | Year        | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                       | No. of days | 349  | 360  | 360  | 360  | 361  | 360  | 360  |      |      |      |      |      |      |      |
| Good (0–50)           |             | 0    | 2    | 0    | 2    | 5    | 1    | 3    |      |      |      |      |      |      |      |
| Satisfactory (51–100) |             | 24   | 45   | 53   | 59   | 95   | 81   | 65   | 110  | 152  | 159  | 182  | 227  | 197  | 163  |
| Moderate (101–200)    |             | 86   | 105  | 106  | 121  | 127  | 115  | 95   |      |      |      |      |      |      |      |
| Poor (201–300)        |             | 120  | 115  | 114  | 103  | 72   | 77   | 130  |      |      |      |      |      |      |      |
| Very Poor (301–400)   |             | 95   | 84   | 69   | 54   | 47   | 62   | 61   | 239  | 208  | 201  | 178  | 134  | 163  | 197  |
| Severe (>401)         |             | 24   | 9    | 18   | 21   | 15   | 24   | 6    |      |      |      |      |      |      |      |

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average – Till Dec 25 (2016-2022)



### Hotspots for Today:

\*Details given overleaf

|           |  |               |                       |
|-----------|--|---------------|-----------------------|
| Delhi     | Nehru Nagar, Patparganj, Jahangirpuri, Wazirpur, NSIT Dwarka | Ghaziabad     | Vasundhara            |
| Faridabad | Sector-16A   | Greater Noida | Knowledge Park -III   |
| Gurugram  | Sector-51, Vikas Sadan                                       | Noida         | Sector-62, Sector-116 |

### Forecast by IITM (Delhi):

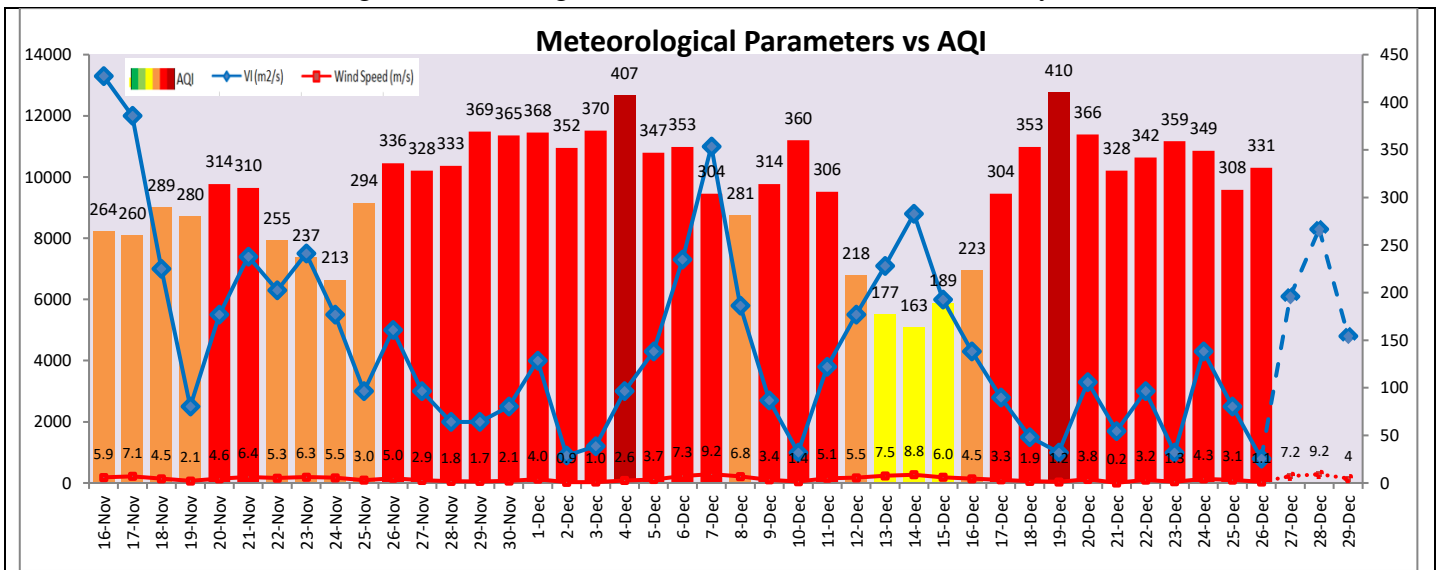
|                   | Dec 27, 2022  |              | Dec 28, 2022- Dec 29, 2022 |              |
|-------------------|---------------|--------------|----------------------------|--------------|
|                   | Concentration | AQI Category | Concentration              | AQI Category |
| PM <sub>10</sub>  | 270           | Poor         | 295                        | Poor         |
| PM <sub>2.5</sub> | 165           | Very Poor    | 178                        | Very 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 |
| Dec 27, 2022 | 12-25                           | 13                               | 30                             | NW             | NW                       |
| Dec 28, 2022 | 12-22                           | 14                               | 48                             | NW             | NW                       |
| Dec 29, 2022 | 10-16                           | 07                               | 10                             | NW             | W                        |

### IMD Alert for Tomorrow (27.12.2022):

The air quality is likely to remain in lower end of Very Poor category on 27.12.2022. The predominant surface wind is likely to be coming from Northwest direction in Delhi with wind speed 12-25 kmph, mainly clear sky and shallow to moderate fog in the morning tomorrow. Ventilation index is likely to be 6,100 m<sup>2</sup>/s.



### Hotspots for Today

| City          | Station Name                                | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi         | Nehru Nagar, Delhi - DPCC                   | 385       | Very Poor   | PM <sub>2.5</sub>   |
|               | Patparganj, Delhi - DPCC                    | 373       | Very Poor   | PM <sub>2.5</sub>   |
|               | Jahangirpuri, Delhi - DPCC                  | 372       | Very Poor   | PM <sub>2.5</sub>   |
|               | Wazirpur, Delhi - DPCC                      | 363       | Very Poor   | PM <sub>2.5</sub>   |
|               | NSIT Dwarka, Delhi - CPCB                   | 362       | Very Poor   | PM <sub>2.5</sub>   |
| Faridabad     | Sector- 16A, Faridabad - HSPCB              | 360       | Very Poor   | PM <sub>2.5</sub>   |
| Gurugram      | Sector-51, Gurugram - HSPCB                 | 285       | Poor        | PM <sub>2.5</sub>   |
|               | Vikas Sadan, Gurugram - HSPCB               | 282       | Poor        | PM <sub>2.5</sub>   |
| Ghaziabad     | Vasundhara, Ghaziabad - UPPCB               | 342       | Very Poor   | PM <sub>2.5</sub>   |
| Greater Noida | Knowledge Park - III, Greater Noida - UPPCB | 370       | Very Poor   | PM <sub>2.5</sub>   |
| Noida         | Sector-116, Noida - UPPCB                   | 351       | Very Poor   | PM <sub>2.5</sub>   |
|               | Sector - 62, Noida - IMD                    | 348       | Very Poor   | PM <sub>2.5</sub>   |