



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – April 05, 2024



## Current Air Quality Status:

### Air Quality Index (AQI) (Average of past 24 hours at 4 PM) in comparison with last two years

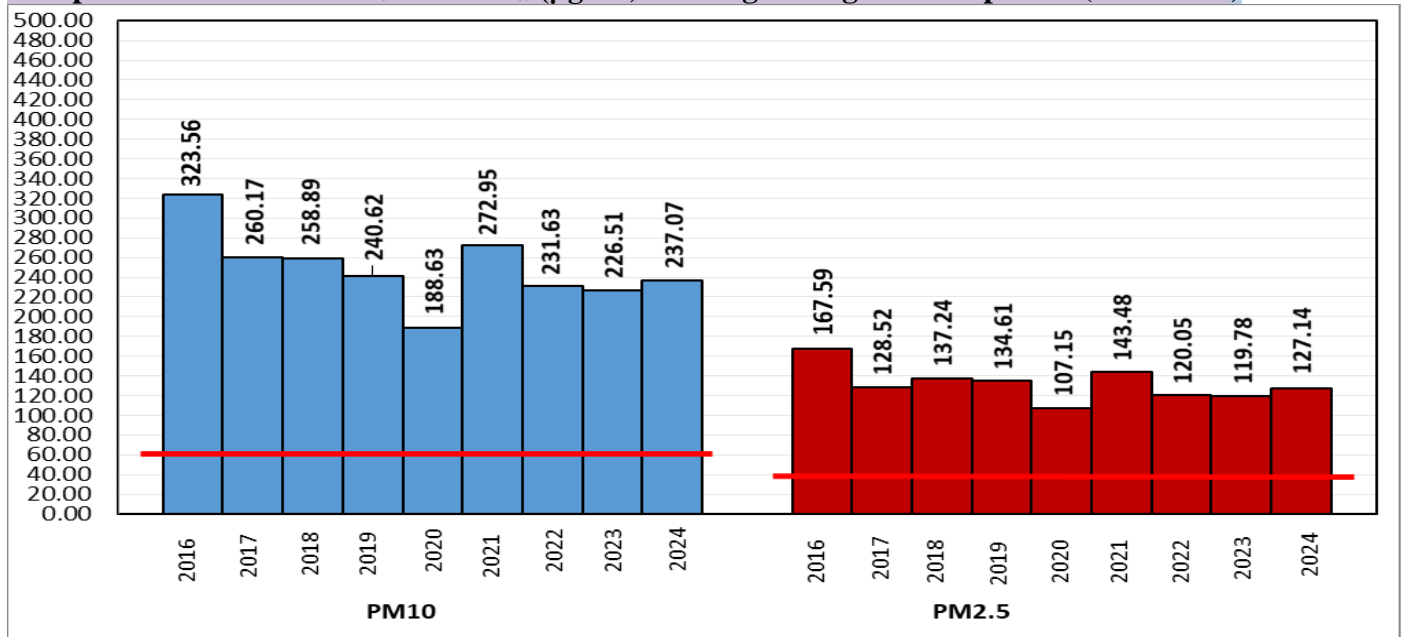
|               | 2024        |           |                                      | 2023        |           |                                      | 2022        |           |   |
|---------------|-------------|-----------|--------------------------------------|-------------|-----------|--------------------------------------|-------------|-----------|---|
|               | Air Quality | AQI Value | Prominent Pollutant                  | Air Quality | AQI Value | Prominent Pollutant                  | Air Quality | AQI Value | Prominent Pollutant                                   |
| Delhi         | Moderate    | 173↑      | PM <sub>2.5</sub> , PM <sub>10</sub> | Moderate    | 135↑      | PM <sub>10</sub> , PM <sub>2.5</sub> | Poor        | 233↓      | PM <sub>2.5</sub> , PM <sub>10</sub>                  |
| Faridabad     | Moderate    | 196↓      | PM <sub>2.5</sub> , PM <sub>10</sub> | Moderate    | 112↓      | PM <sub>10</sub> , PM <sub>2.5</sub> | Poor        | 277↓      | PM <sub>2.5</sub> , PM <sub>10</sub> , O <sub>3</sub> |
| Ghaziabad     | Moderate    | 177↑      | PM <sub>10</sub>                     | Moderate    | 119↓      | PM <sub>10</sub>                     | Moderate    | 195↓      | PM <sub>10</sub>                                      |
| Greater Noida | Poor        | 240↑      | PM <sub>10</sub>                     | Moderate    | 178↓      | PM <sub>10</sub>                     | Poor        | 246↓      | PM <sub>10</sub>                                      |
| Gurugram      | Poor        | 248↑      | PM <sub>2.5</sub> , PM <sub>10</sub> | Moderate    | 128↓      | PM <sub>10</sub> , PM <sub>2.5</sub> | Moderate    | 176↓      | PM <sub>2.5</sub>                                     |
| Noida         | Moderate    | 156↓      | PM <sub>10</sub>                     | Moderate    | 137↑      | PM <sub>10</sub> , NO <sub>2</sub>   | Poor        | 236↓      | PM <sub>10</sub>                                      |

\*Data available for 38(2024), 38(2023), 38(2022) 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 05 April 2016-2024

| Category              | Year        | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |  |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
|                       | No. of days | 92   | 95   | 95   | 95   | 96   | 95   | 95   | 95   | 96   | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |  |
| Good (0-50)           |             | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    |      |      |      |      |      |      |      |      |      |  |
| Satisfactory (51-100) |             | 0    | 0    | 0    | 1    | 15   | 0    | 3    | 3    | 0    | 8    | 20   | 25   | 35   | 44   | 17   | 27   | 40   | 46   |  |
| Moderate (101-200)    |             | 8    | 20   | 25   | 34   | 28   | 17   | 24   | 37   | 46   |      |      |      |      |      |      |      |      |      |  |
| Poor (201-300)        |             | 35   | 51   | 46   | 32   | 35   | 40   | 50   | 32   | 16   |      |      |      |      |      |      |      |      |      |  |
| Very Poor (301-400)   |             | 43   | 24   | 21   | 21   | 15   | 32   | 17   | 20   | 31   | 84   | 75   | 70   | 60   | 52   | 78   | 68   | 55   | 50   |  |
| Severe (>401)         |             | 6    | 0    | 3    | 7    | 2    | 6    | 1    | 3    | 3    |      |      |      |      |      |      |      |      |      |  |

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average – Till April 04 (2016-2024)



\*Red line shows the annual average concentration standards for PM<sub>10</sub> and PM<sub>2.5</sub>.

### Daily Average of Particulates in Delhi (24 hourly average value; from 06:00am of 04.04.24 to 06:00 am of 05.04.24)

| Date ↓ / parameter → | PM <sub>2.5</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|----------------------|--|---------------------------------------|
| 04- April -2024      | 64↓                                    | 183↓                                  |

Hotspots for Today: \*Details given below

|           |   |               |                                      |
|-----------|---|---------------|--------------------------------------|
| Delhi     | Lodhi Road, Shadipur, Anand Vihar, Jahangirpuri, Mundka | Ghaziabad     | Indirapuram                          |
| Faridabad | New Industrial Town , Sector 11                         | Greater Noida | Knowledge Park - V                   |
| Gurugram  | Sector-51, Teri Gram                                    | Noida         | Sector-62, Sector – 116, Sector – 01 |

Forecast by IITM(Delhi):

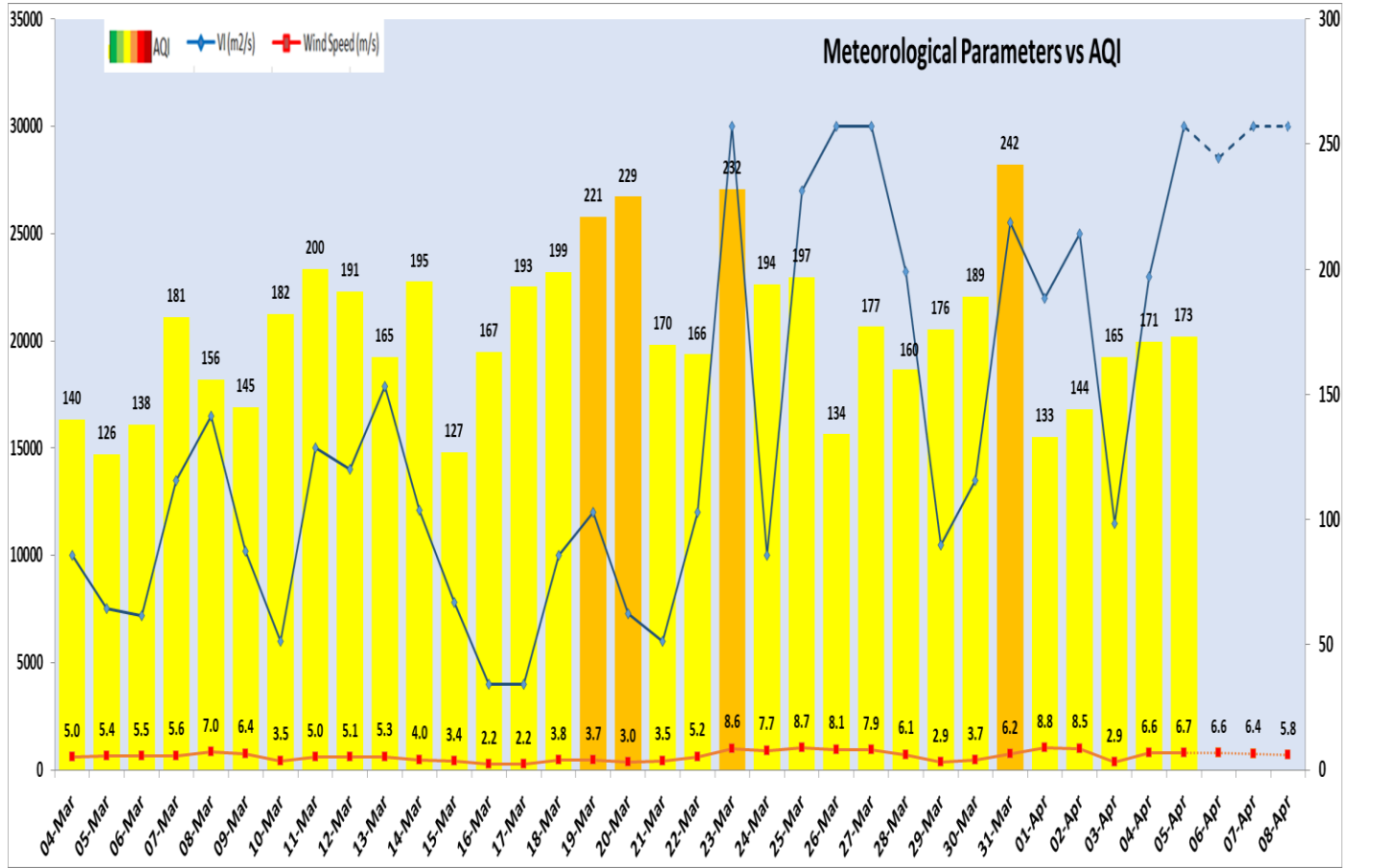
|                     |              |              |              |
|---------------------|--------------|--------------|--------------|
|                     | Apr 06, 2024 | Apr 07, 2024 | Apr 08, 2024 |
| <b>AQI Category</b> | Moderate     | Moderate     | Moderate     |

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 |
| Apr 06. 2024 | 04-22                           | 14                               | 25                             | N/NW           | W                        |
| Apr 07. 2024 | 08-22                           | 16                               | 30                             | NW             | NW                       |
| Apr 08. 2024 | 04-16                           | 15                               | 26                             | N/NNW          | NW                       |

IMD Alert for Tomorrow (06.04.2024):

The air quality is likely to be in Moderate category from 06.04.2024 to 08.04.2024. The predominant surface wind is likely to be coming from North/Northwest directions in Delhi with wind speed 04-22 kmph, mainly clear sky and strong surface winds (speed 25 – 35kmph) during the day on 06.04.2024. Ventilation index is likely to be 28500 m<sup>2</sup>/s.



| Delhi Temperature in (°C) |         |         |
|---------------------------|---------|---------|
| Date                      | Minimum | Maximum |
| 02-04-2024                | 15.8    | 31.6    |
| 03-04-2024                | 17.3    | 33.5    |
| 04-04-2024                | 20.4    | 36.6    |
| 05-04-2024                | 20.2    | 36.8    |

▪ Hotspots for Today

| City          | Station Name                              | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi         | Lodhi Road, Delhi - IITM                  | 329       | Very Poor   | PM <sub>2.5</sub>   |
|               | Shadipur, Delhi - CPCB                    | 248       | Poor        | PM <sub>2.5</sub>   |
|               | Anand Vihar, Delhi - DPCC                 | 243       | Poor        | PM <sub>10</sub>    |
|               | Jahangirpuri, Delhi - DPCC                | 234       | Poor        | PM <sub>10</sub>    |
|               | Mundka, Delhi - DPCC                      | 234       | Poor        | PM <sub>10</sub>    |
| Faridabad     | New Industrial Town, Faridabad - HSPCB    | 284       | Poor        | PM <sub>2.5</sub>   |
|               | Sector 11, Faridabad - HSPCB              | 240       | Poor        | PM <sub>2.5</sub>   |
| Gurugram      | Sector-51, Gurugram - HSPCB               | 288       | Poor        | PM <sub>2.5</sub>   |
|               | Teri Gram, Gurugram - HSPCB               | 267       | Poor        | PM <sub>10</sub>    |
| Ghaziabad     | Indirapuram, Ghaziabad - UPPCB            | 220       | Poor        | PM <sub>10</sub>    |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 240       | Poor        | PM <sub>10</sub>    |
| Noida         | Sector - 62, Noida - IMD                  | 166       | Moderate    | PM <sub>10</sub>    |
|               | Sector-116, Noida - UPPCB                 | 166       | Moderate    | PM <sub>10</sub>    |
|               | Sector-1, Noida - UPPCB                   | 163       | Moderate    | PM <sub>10</sub>    |