



# Central Pollution Control Board

## Air Quality Status for Delhi & NCR

Dated – May 06, 2022



### Current Air Quality Status:

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

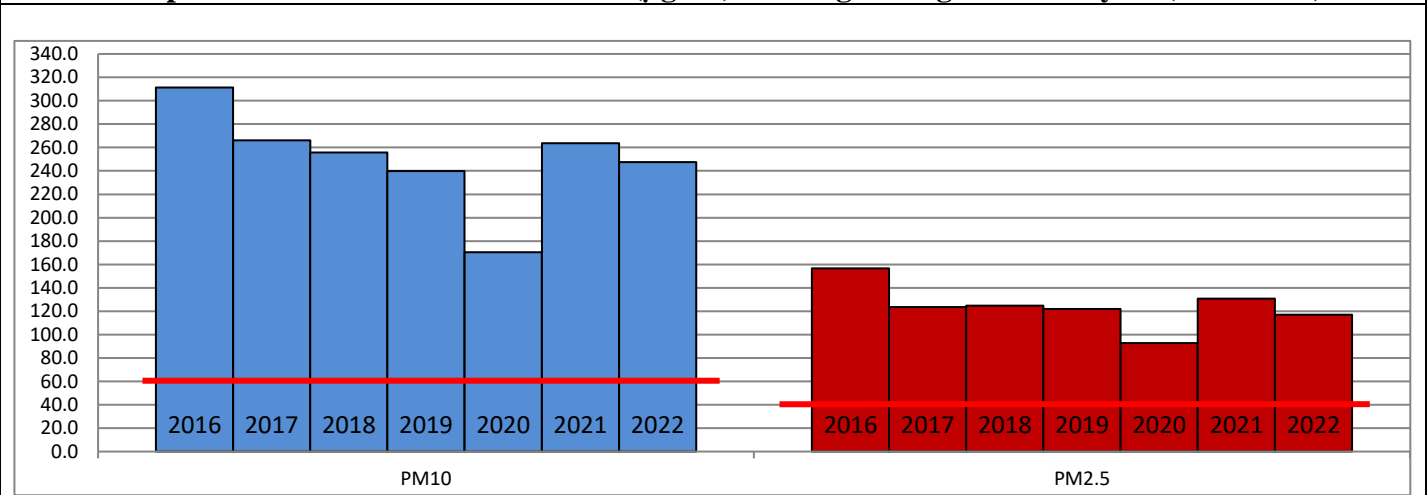
|               | Air Quality | AQI Value | Prominent Pollutant                  |
|---------------|-------------|-----------|--------------------------------------|
| Delhi         | Poor        | 273 ↑     | PM <sub>2.5</sub> , PM <sub>10</sub> |
| Faridabad     | Very Poor   | 320 ↑     | PM <sub>2.5</sub> , PM <sub>10</sub> |
| Ghaziabad     | Poor        | 240 ↑     | PM <sub>10</sub> , PM <sub>2.5</sub> |
| Greater Noida | Poor        | 232 ↑     | O <sub>3</sub> , PM <sub>2.5</sub>   |
| Gurugram      | Very Poor   | 334 ↑     | PM <sub>2.5</sub> , PM <sub>10</sub> |
| Noida         | Poor        | 261 ↑     | PM <sub>2.5</sub> , PM <sub>10</sub> |

\*Data available for 36 stations in Delhi today. # ↑ ↓ arrows indicate increase/decrease as compared to value on the previous day

#### Comparative status of AQI - Delhi from 01 January to 06 May 2016-2022

| Category              | Year | 2016        | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|-----------------------|------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                       |      | No. of days | 123  | 126  | 126  | 126  | 127  | 126  | 126  |      |      |      |      |      |      |
| Good (0–50)           |      | 0           | 0    | 0    | 0    | 1    | 0    | 0    |      |      |      |      |      |      |      |
| Satisfactory (51–100) |      | 0           | 0    | 1    | 2    | 27   | 0    | 3    | 9    | 30   | 37   | 46   | 75   | 35   | 28   |
| Moderate (101–200)    |      | 9           | 30   | 36   | 44   | 47   | 35   | 25   |      |      |      |      |      |      |      |
| Poor (201–300)        |      | 61          | 65   | 61   | 51   | 35   | 53   | 79   |      |      |      |      |      |      |      |
| Very Poor (301–400)   |      | 47          | 31   | 25   | 22   | 15   | 32   | 18   | 114  | 96   | 89   | 80   | 52   | 91   | 98   |
| Severe (>401)         |      | 6           | 0    | 3    | 7    | 2    | 6    | 1    |      |      |      |      |      |      |      |

#### Comparative status of PM<sub>2.5</sub> and PM<sub>10</sub> (µg/m<sup>3</sup>) running average – Till May 03 (2016-2022)



#### Hotspots for Today:

\*Details given overleaf

|           |  |               |                        |
|-----------|--|---------------|------------------------|
| Delhi     | DTU, Mundka, Anand Vihar, Chandni Chowk, Dwarka-Sector 8 | Gurugram      | Vikas Sadan, Teri Gram |
| Faridabad | Sector-11, New Industrial Town                           | Greater Noida | Knowledge Park-III     |
| Ghaziabad | Loni, Vasundhara   | Noida         | Sector-125, Sector-116 |

#### Forecast by IITM:

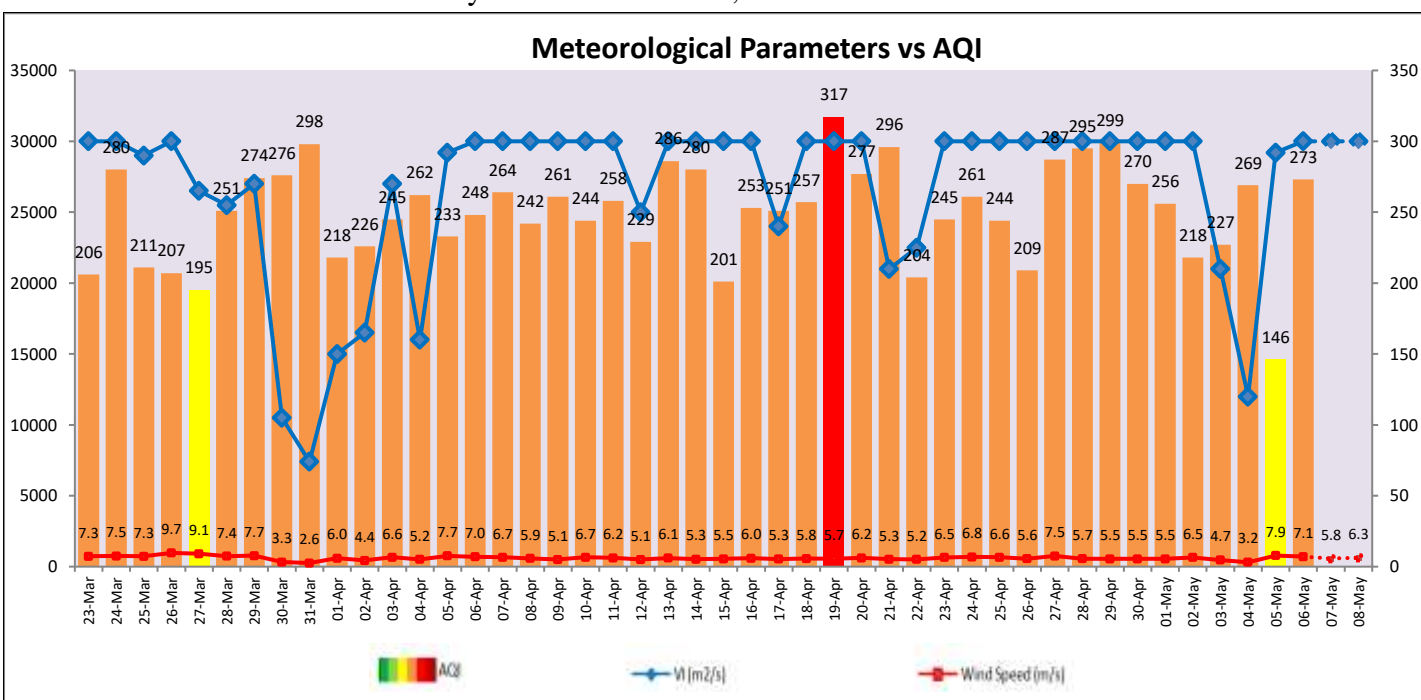
| Parameters        | May 07, 2022  |              | May 08, 2022- May 09, 2022 |              |
|-------------------|---------------|--------------|----------------------------|--------------|
|                   | Concentration | AQI Category | Concentration              | AQI Category |
| PM <sub>10</sub>  | 294           | Poor         | 343                        | Poor         |
| PM <sub>2.5</sub> | 123           | Very Poor    | 143                        | 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 (at 17:30 hrs.)      | As per windy.com (at 16:00 hrs.) | As per windy.com (at 16:00hrs) | As per IMD (at 17:30hrs.) | As per windy.com at 900m |
| May 07, 2022 | 12                              | 14                               | 23                             | NW                        | NW                       |
| May 08, 2022 | 06                              | 10                               | 16                             | NE                        | NW                       |
| May 09, 2022 | 10                              | 09                               | 13                             | WNW                       | NW                       |

### IMD Alert for Tomorrow (07.05.2022):

The air quality is likely to remain in Poor category on 07.05.2022 and 08.05.2022. The predominant surface wind is likely to be coming from Northwest directions with wind speed 04-16 kmph and mainly clear sky tomorrow. Ventilation index is likely to be more than 30,000 m<sup>2</sup>/s tomorrow.



### Hotspots for Today

| City          | Station Name                                | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi         | DTU, Delhi - CPCB                           | 364       | Very Poor   | PM <sub>10</sub>    |
|               | Mundka, Delhi - DPCC                        | 345       | Very Poor   | PM <sub>10</sub>    |
|               | Anand Vihar, Delhi - DPCC                   | 341       | Very Poor   | PM <sub>10</sub>    |
|               | Chandni Chowk, Delhi - IITM                 | 322       | Very Poor   | PM <sub>10</sub>    |
|               | Dwarka-Sector 8, Delhi - DPCC               | 322       | Very Poor   | PM <sub>10</sub>    |
| Faridabad     | Sector 11, Faridabad - HSPCB                | 354       | Very Poor   | PM <sub>2.5</sub>   |
|               | New Industrial Town, Faridabad - HSPCB      | 311       | Very Poor   | PM <sub>10</sub>    |
| Gurugram      | Vikas Sadan, Gurugram - HSPCB               | 349       | Very Poor   | PM <sub>2.5</sub>   |
|               | Teri Gram, Gurugram - HSPCB                 | 343       | Very Poor   | PM <sub>10</sub>    |
| Ghaziabad     | Loni, Ghaziabad - UPPCB                     | 323       | Very Poor   | PM <sub>2.5</sub>   |
|               | Vasundhara, Ghaziabad - UPPCB               | 267       | Poor        | PM <sub>2.5</sub>   |
| Greater Noida | Knowledge Park - III, Greater Noida - UPPCB | 270       | Poor        | PM <sub>2.5</sub>   |
| Noida         | Sector - 125, Noida - UPPCB                 | 285       | Poor        | PM <sub>10</sub>    |
|               | Sector-116, Noida - UPPCB                   | 268       | Poor        | PM <sub>2.5</sub>   |