



# Central Pollution Control Board

## Air Quality Status for Delhi & NCR

Dated - October 29, 2023



### Current Air Quality Status:

#### Air Quality Index (AQI) (Average of past 24 hours at 4 PM)

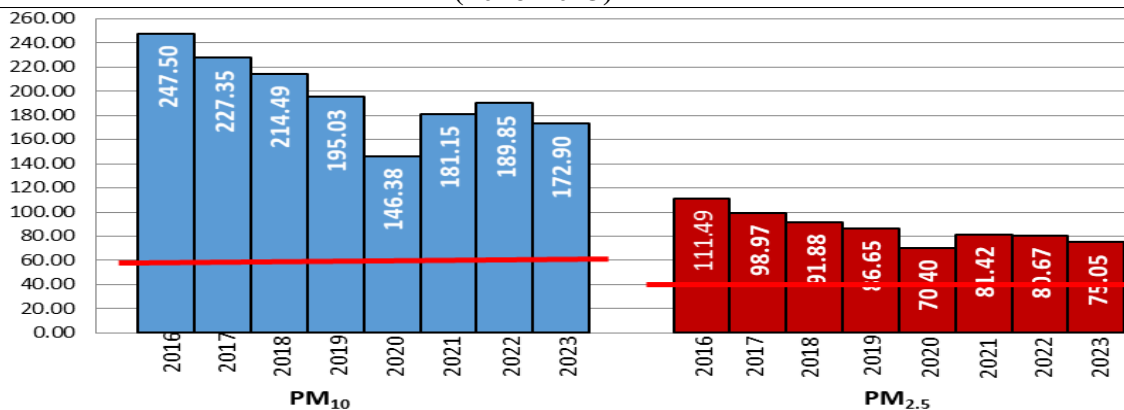
|               | Air Quality | AQI Value | Prominent Pollutant                  |
|---------------|-------------|-----------|--------------------------------------|
| Delhi         | Very Poor   | 325 ↑     | PM <sub>10</sub> , PM <sub>2.5</sub> |
| Faridabad     | Very Poor   | 309 ↑     | PM <sub>10</sub> , PM <sub>2.5</sub> |
| Ghaziabad     | Poor        | 286 ↓     | PM <sub>2.5</sub> , PM <sub>10</sub> |
| Greater Noida | Very Poor   | 344 ↓     | PM <sub>2.5</sub>                    |
| Gurugram      | Moderate    | 198 ↓     | PM <sub>2.5</sub>                    |
| Noida         | Poor        | 281 ↓     | PM <sub>10</sub>                     |

\*Data available for 34 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 29 October 2016-2023

| Category              | Year        | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                       | No. of days | 291  | 302  | 302  | 302  | 303  | 302  | 302  | 302  |      |      |      |      |      |      |      |      |
| Good (0-50)           |             | 0    | 2    | 0    | 2    | 4    | 1    | 3    | 1    |      |      |      |      |      |      |      |      |
| Satisfactory (51-100) |             | 24   | 45   | 53   | 58   | 96   | 72   | 65   | 60   | 110  | 151  | 156  | 175  | 224  | 197  | 160  | 206  |
| Moderate (101-200)    |             | 86   | 104  | 103  | 115  | 124  | 124  | 92   | 145  |      |      |      |      |      |      |      |      |
| Poor (201-300)        |             | 116  | 101  | 102  | 88   | 55   | 66   | 115  | 69   |      |      |      |      |      |      |      |      |
| Very Poor (301-400)   |             | 58   | 49   | 38   | 32   | 22   | 33   | 26   | 24   | 181  | 151  | 146  | 127  | 79   | 105  | 142  | 96   |
| Severe (>401)         |             | 7    | 1    | 6    | 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 October 28 (2016-2023)



#### Daily Average of Particulates in Delhi

| Date ↓ / parameter → | PM <sub>2.5</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|----------------------|--|---------------------------------------|
| 28- October -2023    | 167                                    | 343                                   |

#### Hotspots for Today:

\*Details given below

|           |   |               |                           |
|-----------|---|---------------|---------------------------|
| Delhi     | Jahangirpuri, Nehru Nagar, Mundka, New Moti Bagh, Narela, | Ghaziabad     | Loni                      |
| Faridabad | New Industrial Town, Sector 11, Sector- 16A               | Greater Noida | Knowledge Park V          |
| Gurugram  | NISE Gwal Pahari  | Noida         | Sector - 62, Sector - 125 |

**Wind Forecast for Delhi:**

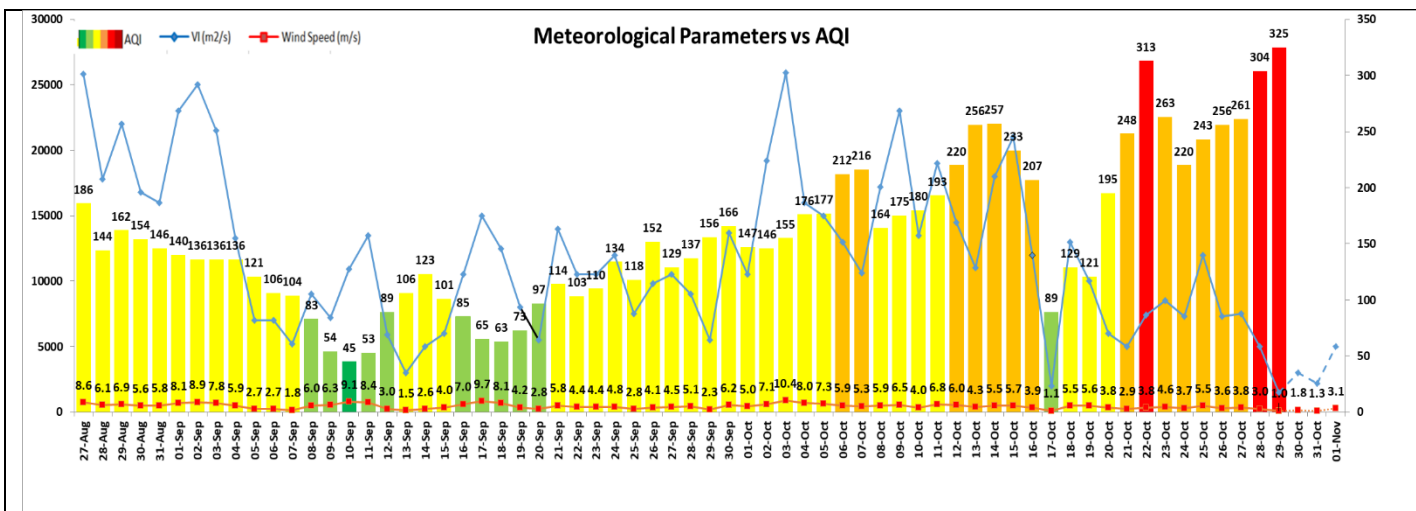
|                     | Wind speed (at surface) in km/h |                                  | Wind speed (at 900 m) in km/h  | Wind Direction |                          |
|---------------------|---------------------------------|----------------------------------|--------------------------------|----------------|--------------------------|
|                     | 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 |
| <b>Oct 30, 2023</b> | 04-08                           | 06                               | 09                             | VAR            | NW                       |
| Oct 31, 2023        | 06-12                           | 06                               | 06                             | SE             | N                        |
| Nov 01, 2023        | 06-12                           | 08                               | 11                             | SE/E           | NW                       |

**IMD Alert for Tomorrow (30.10.2023):**

The air quality is likely to be in Very Poor category from 30.10.2023 to 01.11.2023. The predominant surface wind is likely to be coming from variable directions in Delhi with wind speed 04-08 kmph, mainly clear sky and mist in the morning on 30.10.2023. Ventilation index is likely to be 3000 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 |
| 28.10.2023 | 127             | 4186                     | 14              | 1019                     |
| 28.10.2022 | 2067            | 10214                    | 123             | 1701                     |



**Hotspots for Today**

| City          | Station Name                              | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi         | Jahangirpuri, Delhi - DPCC                | 412       | Severe      | PM <sub>10</sub>    |
|               | Nehru Nagar, Delhi - DPCC                 | 403       | Severe      | PM <sub>2.5</sub>   |
|               | Mundka, Delhi - DPCC                      | 392       | Very Poor   | PM <sub>10</sub>    |
|               | New Moti Bagh, Delhi - MHUA               | 375       | Very Poor   | PM <sub>2.5</sub>   |
|               | Narela, Delhi - DPCC                      | 370       | Very Poor   | PM <sub>10</sub>    |
| Faridabad     | New Industrial Town, Faridabad - HSPCB    | 355       | Very Poor   | PM <sub>10</sub>    |
|               | Sector 11, Faridabad - HSPCB              | 339       | Very Poor   | PM <sub>10</sub>    |
|               | Sector- 16A, Faridabad - HSPCB            | 317       | Very Poor   | PM <sub>2.5</sub>   |
| Gurugram      | NISE Gwal Pahari, Gurugram - IMD          | 297       | Poor        | PM <sub>2.5</sub>   |
| Ghaziabad     | Loni, Ghaziabad - UPPCB                   | 420       | Severe      | PM <sub>2.5</sub>   |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 347       | Very Poor   | PM <sub>2.5</sub>   |
| Noida         | Sector - 62, Noida - IMD                  | 312       | Very Poor   | PM <sub>10</sub>    |
|               | Sector - 125, Noida - UPPCB               | 284       | Poor        | PM <sub>10</sub>    |