



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – March 27, 2024



Current Air Quality Status:

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

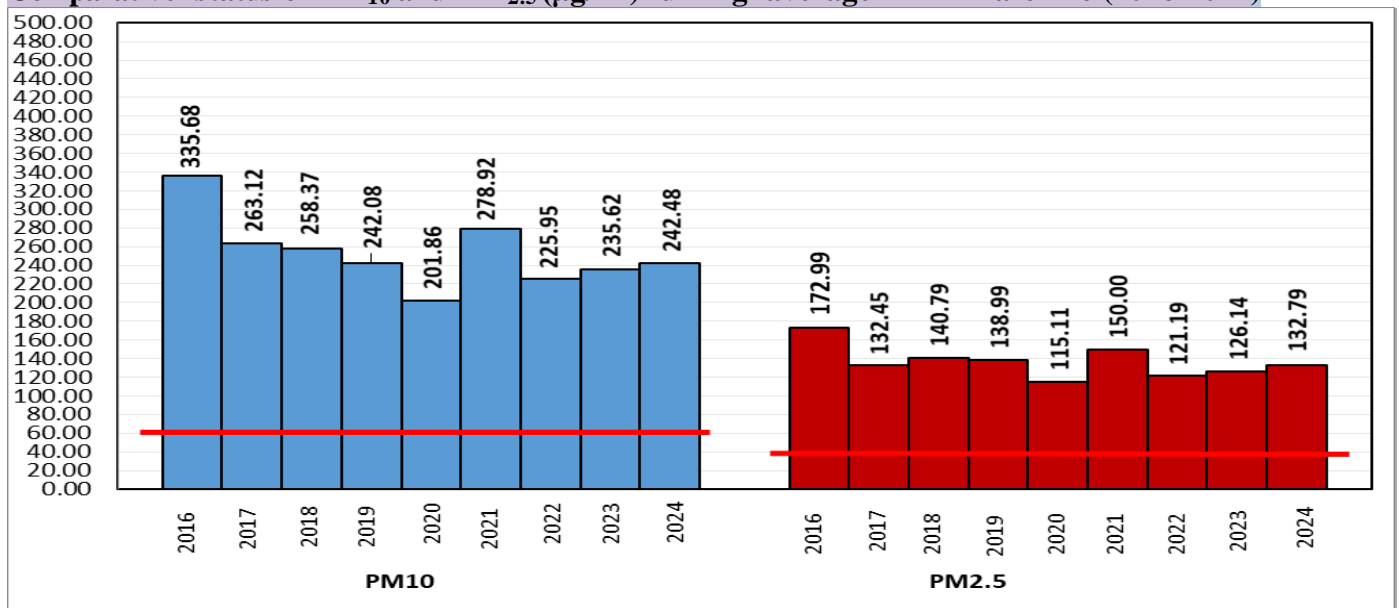
| | 2024 | | | 2023 | | | 2022 | | |
|---------------|-------------|-----------|--------------------------------------|-------------|-----------|--------------------------------------|-------------|-----------|--------------------------------------|
| | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant |
| Delhi | Moderate | 177↑ | PM ₁₀ , PM _{2.5} | Moderate | 146↓ | PM ₁₀ , PM _{2.5} | Moderate | 195↓ | PM _{2.5} , PM ₁₀ |
| Faridabad | Moderate | 200↑ | PM ₁₀ , PM _{2.5} | Moderate | 122↓ | PM ₁₀ , PM _{2.5} | Poor | 220↑ | PM _{2.5} , PM ₁₀ |
| Ghaziabad | Moderate | 133↑ | PM ₁₀ | Moderate | 121↓ | PM ₁₀ | Poor | 225↓ | PM _{2.5} , PM ₁₀ |
| Greater Noida | Moderate | 186↑ | PM ₁₀ | Moderate | 138↓ | PM ₁₀ , NO ₂ | Moderate | 174↓ | PM ₁₀ |
| Gurugram | Moderate | 189↑ | PM ₁₀ , PM _{2.5} | Moderate | 165↑ | PM _{2.5} | Poor | 228↑ | PM _{2.5} , PM ₁₀ |
| Noida | Moderate | 150↑ | PM ₁₀ | Moderate | 125↓ | PM ₁₀ | Moderate | 172↓ | PM ₁₀ |

*Data available for 38(2024), 37(2023), 34(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 27 March 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 | 83 | 86 | 86 | 86 | 87 | 86 | 86 | 86 | 87 | 8 | 15 | 24 | 31 | 35 | 13 | 27 | 31 | 38 |
| Good (0–50) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 15 | 24 | 31 | 35 | 13 | 27 | 31 | 38 |
| Satisfactory (51–100) | | 0 | 0 | 0 | 1 | 8 | 0 | 3 | 2 | 0 | 8 | 15 | 24 | 31 | 35 | 13 | 27 | 31 | 38 |
| Moderate (101–200) | | 8 | 15 | 24 | 30 | 27 | 13 | 24 | 29 | 38 | 8 | 15 | 24 | 31 | 35 | 13 | 27 | 31 | 38 |
| Poor (201–300) | | 27 | 47 | 38 | 27 | 35 | 35 | 41 | 32 | 15 | 8 | 15 | 24 | 31 | 35 | 13 | 27 | 31 | 38 |
| Very Poor (301–400) | | 42 | 24 | 21 | 21 | 15 | 32 | 17 | 20 | 31 | 75 | 71 | 62 | 55 | 52 | 73 | 59 | 55 | 49 |
| Severe (>401) | | 6 | 0 | 3 | 7 | 2 | 6 | 1 | 3 | 3 | 75 | 71 | 62 | 55 | 52 | 73 | 59 | 55 | 49 |

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till March 26 (2016-2024)



*Red line shows the annual average concentration standards for PM₁₀ and PM_{2.5}.

■ Daily Average of Particulates in Delhi (24 hourly average value; from 06:00am of 26.03.24 to 06:00 am of 27.03.24)

| Date ↓ / parameter → | PM _{2.5} (µg/m ³) | PM ₁₀ (µg/m ³) |
|----------------------|--|---------------------------------------|
| 26- March -2024 | 69↑ | 166↑ |

Hotspots for Today: *Details given below

| | | | |
|-----------|--|---------------|--------------------|
| Delhi | Dwarka-Sector 8, NSIT Dwarka, Shadipur, Mundka, Jawaharlal Nehru Stadium | Ghaziabad | Indirapuram, Loni |
| Faridabad | New Industrial Town, Sector 11 | Greater Noida | Knowledge Park - V |
| Gurugram | Sector-51, Teri Gram | Noida | Sector-1 |

Forecast by IITM(Delhi):

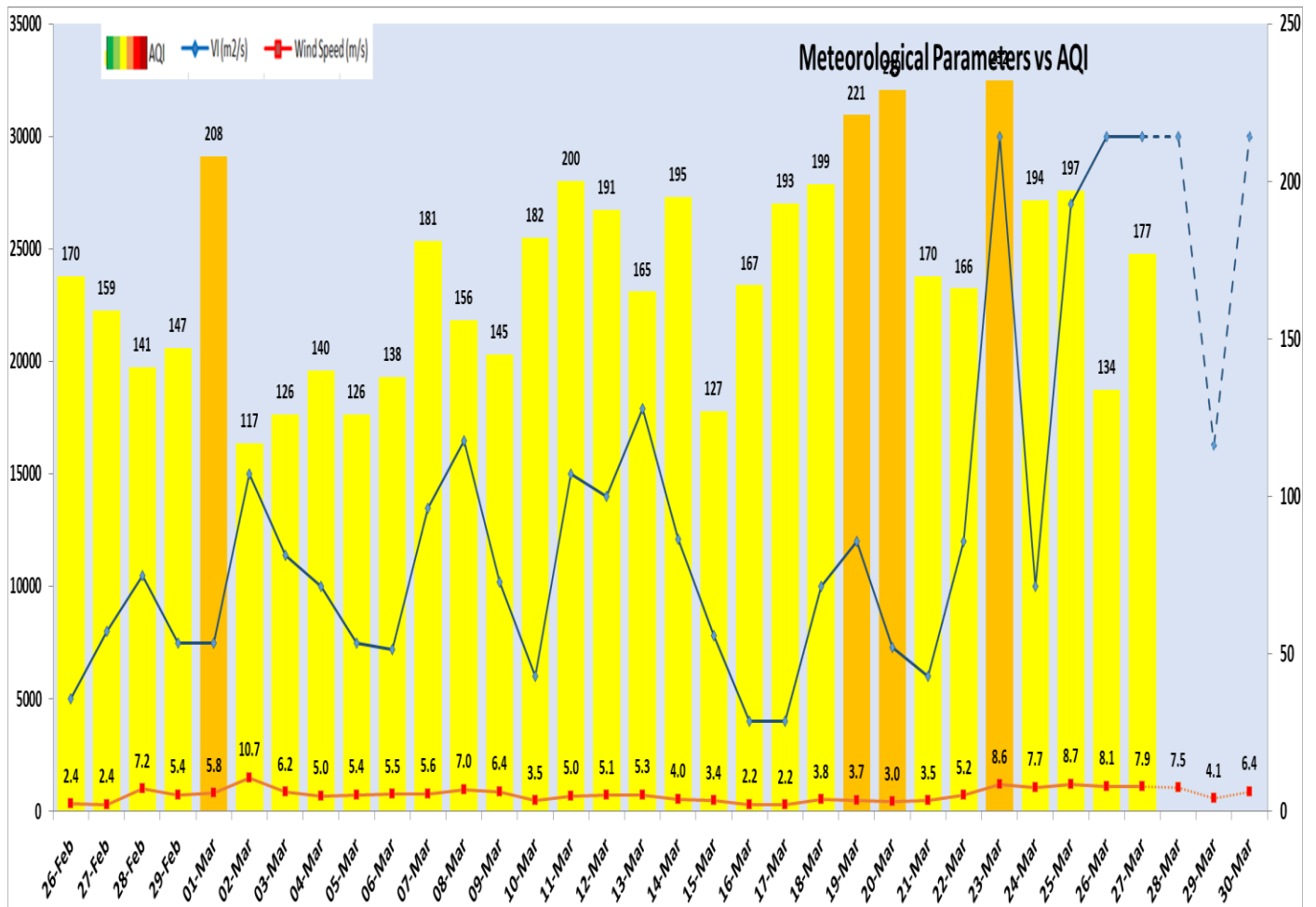
| | | | |
|---------------------|--------------|--------------|--------------|
| | Mar 28, 2024 | Mar 29, 2024 | Mar 30, 2024 |
| AQI Category | Moderate | Moderate | Moderate |

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 |
| Mar 28. 2024 | 04-12 | 08 | 16 | SE/NE | NW |
| Mar 29. 2024 | 04-12 | 10 | 15 | SE/NE | N |
| Mar 30. 2024 | 08-16 | 07 | 10 | NE/SE | W |

IMD Alert for Tomorrow (28.03.2024):

The air quality is likely to be in Moderate category from 28.03.2024 to 30.03.2024. The predominant surface wind is likely to be coming from Northwest/Northeast directions in Delhi with wind speed 04-12 kmph, generally cloudy sky and possibility of very light rain/drizzle at one or two places towards evening/night on 28.03.2024. Ventilation index is likely to be 30000 m²/s.



| Delhi Temperature in (°C) | | |
|---------------------------|---------|---------|
| Date | Minimum | Maximum |
| 24-03-2024 | 16.9 | 34.1 |
| 25-03-2024 | 15.8 | 29.8 |
| 26-03-2024 | 17.7 | 33.2 |
| 27-03-2024 | 19.4 | 34.6 |

▪ **Hotspots for Today**

| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi | Dwarka-Sector 8, Delhi - DPCC | 284 | Poor | PM ₁₀ |
| | NSIT Dwarka, Delhi - CPCB | 255 | Poor | PM _{2.5} |
| | Shadipur, Delhi - CPCB | 251 | Poor | PM _{2.5} |
| | Mundka, Delhi - DPCC | 247 | Poor | PM ₁₀ |
| | Jawaharlal Nehru Stadium, Delhi - DPCC | 245 | Poor | Ozone |
| Faridabad | New Industrial Town, Faridabad - HSPCB | 280 | Poor | PM _{2.5} |
| | Sector 11, Faridabad - HSPCB | 236 | Poor | PM _{2.5} |
| Gurugram | Sector-51, Gurugram - HSPCB | 222 | Poor | PM ₁₀ |
| | Teri Gram, Gurugram - HSPCB | 198 | Moderate | PM ₁₀ |
| Ghaziabad | Indirapuram, Ghaziabad - UPPCB | 149 | Moderate | PM ₁₀ |
| | Loni, Ghaziabad - UPPCB | 138 | Moderate | PM ₁₀ |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 190 | Moderate | PM ₁₀ |
| Noida | Sector-1, Noida - UPPCB | 175 | Moderate | PM ₁₀ |