



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – August 25, 2024



Current Air Quality Status:

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

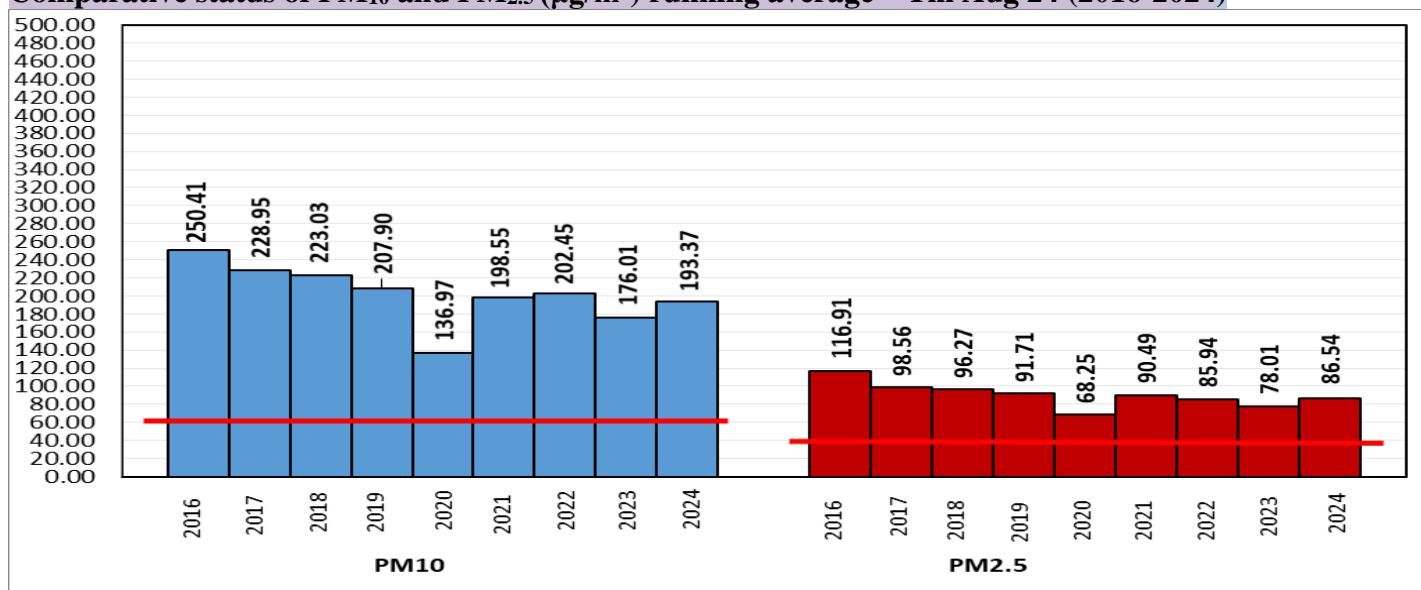
| | 2024 | | | 2023 | | | 2022 | | |
|---------------|--------------|-----------|---------------------------------------|-------------|-----------|--------------------------------------|--------------|-----------|---------------------------------------|
| | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant |
| Delhi | Satisfactory | 77↓ | CO, O ₃ , PM ₁₀ | Moderate | 117↑ | PM _{2.5} , PM ₁₀ | Satisfactory | 96↑ | CO, O ₃ , PM ₁₀ |
| Faridabad | Satisfactory | 91↓ | PM ₁₀ | Moderate | 103↑ | PM ₁₀ , PM _{2.5} | Moderate | 130↓ | O ₃ , PM ₁₀ |
| Ghaziabad | Satisfactory | 62↓ | PM _{2.5} , PM ₁₀ | Moderate | 111↑ | PM ₁₀ | Satisfactory | 80↑ | PM ₁₀ |
| Greater Noida | Moderate | 135↓ | PM ₁₀ | Moderate | 161↑ | PM ₁₀ | Satisfactory | 70↑ | PM ₁₀ |
| Gurugram | Satisfactory | 65↓ | CO, PM _{2.5} | Moderate | 124↑ | PM _{2.5} , CO | Satisfactory | 84↑ | PM ₁₀ |
| Noida | Satisfactory | 64↓ | PM ₁₀ | Moderate | 119↑ | PM ₁₀ , CO | Satisfactory | 77↑ | PM ₁₀ |

*Data available for 36(2024), 27(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 25 Aug 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 | 226 | 237 | 237 | 237 | 238 | 237 | 237 | 237 | 238 | | | | | | | | | | |
| Good (0–50) | | 0 | 2 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| Satisfactory (51–100) | | 16 | 33 | 35 | 32 | 82 | 40 | 50 | 50 | 43 | 75 | 111 | 117 | 129 | 182 | 138 | 110 | 157 | 153 | |
| Moderate (101–200) | | 59 | 76 | 82 | 95 | 96 | 98 | 60 | 107 | 110 | | | | | | | | | | |
| Poor (201–300) | | 91 | 90 | 86 | 74 | 39 | 59 | 105 | 56 | 49 | | | | | | | | | | |
| Very Poor (301–400) | | 54 | 36 | 28 | 27 | 15 | 34 | 21 | 21 | 33 | 151 | 126 | 120 | 108 | 56 | 99 | 127 | 80 | 85 | |
| Severe (>401) | | 6 | 0 | 6 | 7 | 2 | 6 | 1 | 3 | 3 | | | | | | | | | | |

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till Aug 24 (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 24.08.24 to 06:00 am of 25.08.24)

| Date ↓ / parameter → | PM _{2.5} (µg/m ³) | PM ₁₀ (µg/m ³) |
|----------------------|--|---------------------------------------|
| 24- Aug -2024 | 46↑ | 101↑ |

Hotspots for Today: *Details given below

| | | | |
|-----------|---|---------------|--------------------------------|
| Delhi | Anand Vihar, Burari Crossing, North Campus, DU, Punjabi Bagh, NSIT Dwarka | Ghaziabad | Sanjay Nagar, Loni, Vasundhara |
| Faridabad | Sector 30, New Industrial Town | Greater Noida | Knowledge Park - V |
| Gurugram | Sector-51, Vikas Sadan | Noida | Sector - 1, Sector-116 |

Forecast by IITM(Delhi):

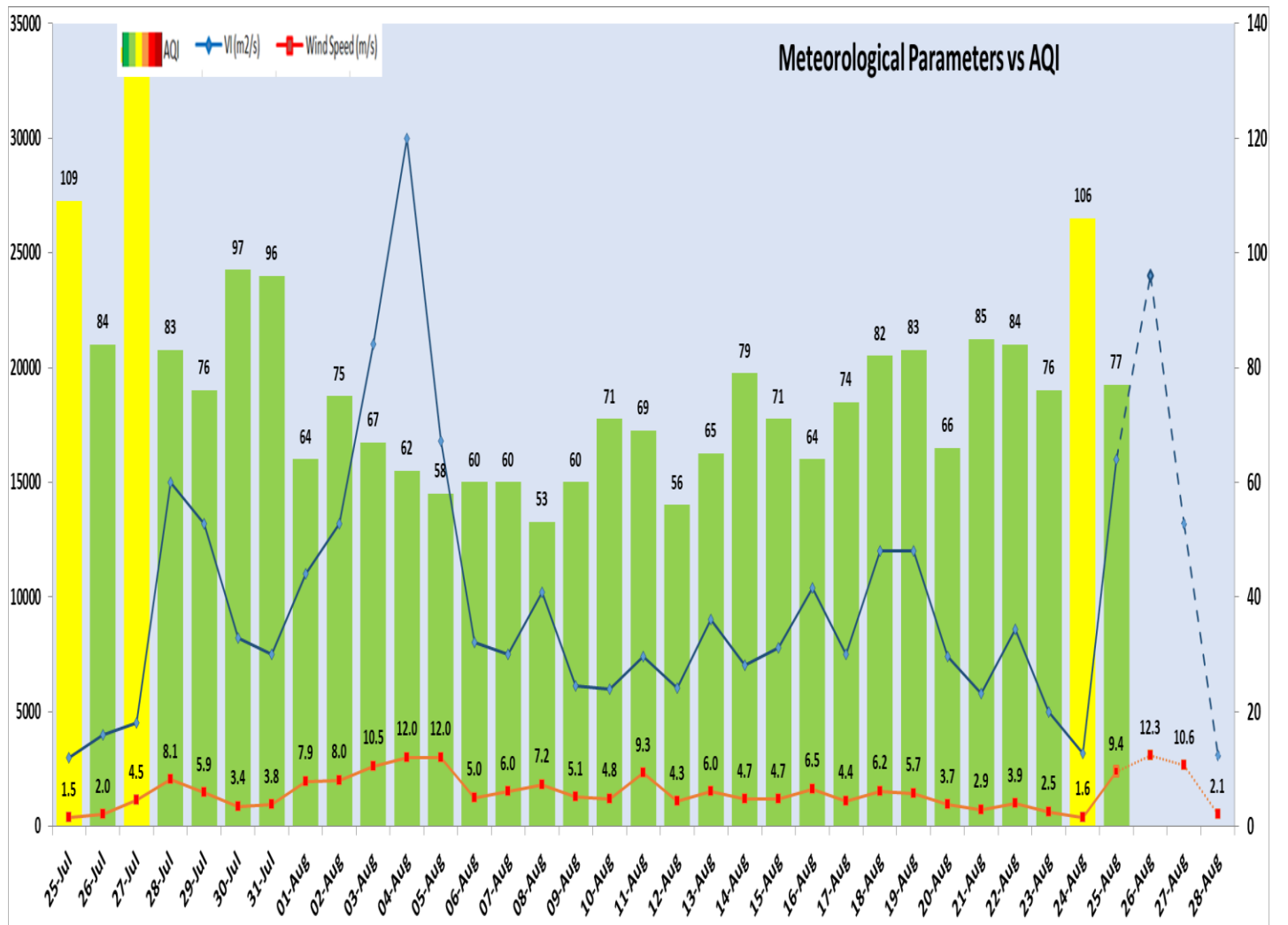
| | | | |
|---------------------|--------------|--------------|--------------|
| | Aug 26, 2024 | Aug 27, 2024 | Aug 28, 2024 |
| AQI Category | Satisfactory | Satisfactory | Satisfactory |

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 |
| Aug 26, 2024 | 30-15 | 17 | 43 | E/SE | E |
| Aug 27, 2024 | 12-14 | 15 | 32 | SE | SE |
| Aug 28, 2024 | UPTO 10 | 09 | 10 | SE | SE |

IMD Alert for Tomorrow (26.08.2024):

The air quality is likely to be in Satisfactory category from 25.08.2024 and 28.08.2024. The predominant surface wind is likely to be coming from East/Southeast directions in Delhi with wind speed 30-15 kmph, generally cloudy sky and light rain/thunderstorm accompanied with gusty winds (speed 30-40 kmph) on 26.08.2024. Ventilation index is likely to be 24000 m²/s.



| Delhi Temperature in (°C) | | |
|---------------------------|---------|---------|
| Date | Minimum | Maximum |
| 22-08-2024 | 26.6 | 36.2 |
| 23-08-2024 | 26.5 | 36.6 |
| 24-08-2024 | 25.4 | 31.2 |
| 25-08-2024 | 25.4 | 35.6 |

▪ ***Hotspots for Today**

| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|--------------|---------------------|
| Delhi | Anand Vihar, Delhi - DPCC | 143 | Moderate | PM ₁₀ |
| | Burari Crossing, Delhi - IMD | 130 | Moderate | CO |
| | North Campus, DU, Delhi - IMD | 110 | Moderate | Ozone |
| | Punjabi Bagh, Delhi - DPCC | 105 | Moderate | PM ₁₀ |
| | NSIT Dwarka, Delhi - CPCB | 102 | Moderate | PM ₁₀ |
| Faridabad | Sector 30, Faridabad - HSPCB | 95 | Satisfactory | PM ₁₀ |
| | New Industrial Town, Faridabad - HSPCB | 94 | Satisfactory | PM ₁₀ |
| Gurugram | Sector-51, Gurugram - HSPCB | 84 | Satisfactory | PM _{2.5} |
| | Vikas Sadan, Gurugram - HSPCB | 68 | Satisfactory | CO |
| Ghaziabad | Sanjay Nagar, Ghaziabad - UPPCB | 64 | Satisfactory | PM ₁₀ |
| | Loni, Ghaziabad - UPPCB | 62 | Satisfactory | PM _{2.5} |
| | Vasundhara, Ghaziabad - UPPCB | 62 | Satisfactory | PM ₁₀ |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 177 | Moderate | PM ₁₀ |
| Noida | Sector-1, Noida - UPPCB | 70 | Satisfactory | PM ₁₀ |
| | Sector-116, Noida - UPPCB | 66 | Satisfactory | PM ₁₀ |