



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – July 25, 2024



Current Air Quality Status:

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

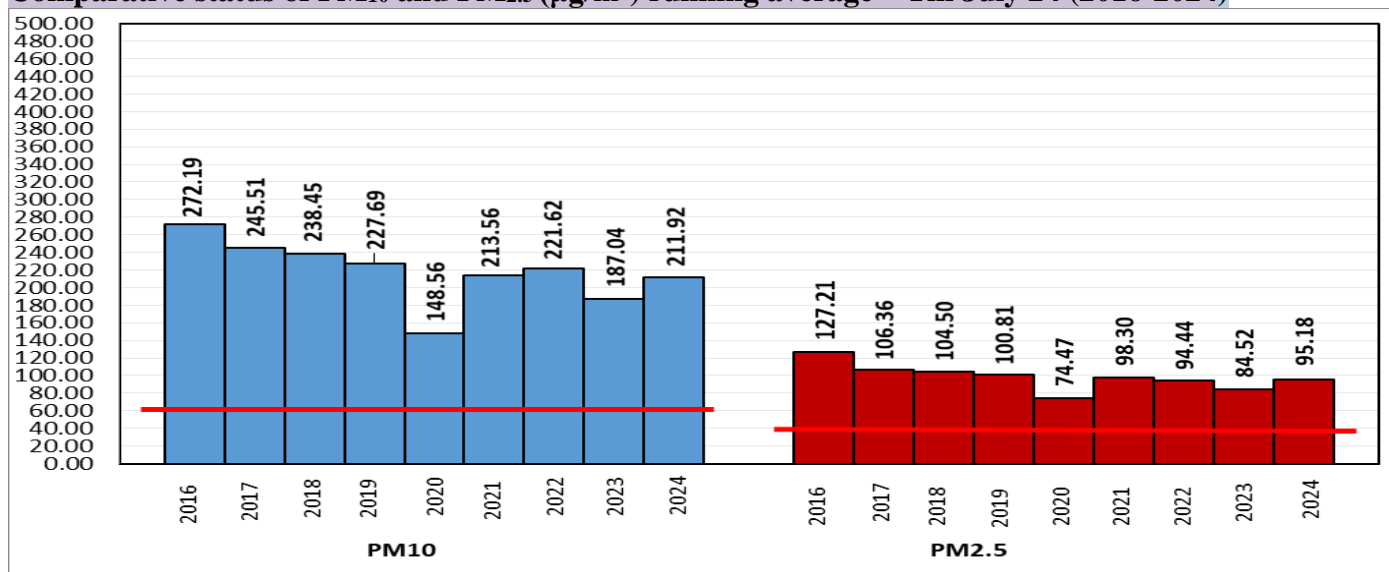
| | 2024 | | | 2023 | | | 2022 | | |
|---------------|--------------|-----------|--------------------------------------|--------------|-----------|--------------------------------------|--------------|-----------|--|
| | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant |
| Delhi | Moderate | 109↑ | PM ₁₀ , PM _{2.5} | Moderate | 102↑ | O ₃ , PM _{2.5} | Satisfactory | 67↓ | CO, O ₃ |
| Faridabad | Moderate | 146↑ | PM _{2.5} | Satisfactory | 70↑ | PM ₁₀ , PM _{2.5} | Satisfactory | 80↑ | SO ₂ , PM ₁₀ |
| Ghaziabad | Satisfactory | 99↑ | PM _{2.5} | Satisfactory | 77↑ | PM ₁₀ | Satisfactory | 53↑ | PM ₁₀ |
| Greater Noida | Moderate | 106↓ | PM ₁₀ | Moderate | 136↑ | O ₃ | Satisfactory | 52↓ | PM ₁₀ |
| Gurugram | Moderate | 148↑ | PM ₁₀ , PM _{2.5} | Satisfactory | 79↓ | PM _{2.5} , CO | Satisfactory | 56↓ | PM ₁₀ , O ₃ |
| Noida | Satisfactory | 86↑ | PM ₁₀ , PM _{2.5} | Satisfactory | 85↑ | CO | Satisfactory | 63↓ | CO, SO ₂ , PM ₁₀ |

*Data available for 36(2024), 09(2023), 33(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 July 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 | 197 | 206 | 206 | 206 | 207 | 206 | 206 | 206 | 207 | | | | | | | | | | |
| Good (0-50) | | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| Satisfactory (51-100) | | 3 | 14 | 17 | 9 | 54 | 25 | 26 | 36 | 14 | 46 | 80 | 90 | 98 | 151 | 107 | 79 | 126 | 122 | |
| Moderate (101-200) | | 43 | 66 | 73 | 89 | 96 | 82 | 53 | 90 | 108 | | | | | | | | | | |
| Poor (201-300) | | 91 | 90 | 82 | 74 | 39 | 59 | 105 | 56 | 49 | | | | | | | | | | |
| Very Poor (301-400) | | 54 | 36 | 28 | 27 | 15 | 34 | 21 | 21 | 33 | 151 | 126 | 116 | 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 July 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 24.07.24 to 06:00 am of 25.07.24)

| Date ↓ / parameter → | PM _{2.5} (µg/m ³) | PM ₁₀ (µg/m ³) |
|----------------------|--|---------------------------------------|
| 24- July -2024 | 50↑ | 101 |

Hotspots for Today:

*Details given below

| | | | |
|-----------|--|---------------|----------------------|
| Delhi | Mundka, R K Puram, Wazirpur, Jahangirpuri, Dwarka-Sector 8 | Ghaziabad | Indirapuram, Loni |
| Faridabad | Sector 11 | Greater Noida | Knowledge Park - V |
| Gurugram | Sector-51 | Noida | Sector-1, Sector-116 |

Forecast by IITM(Delhi):

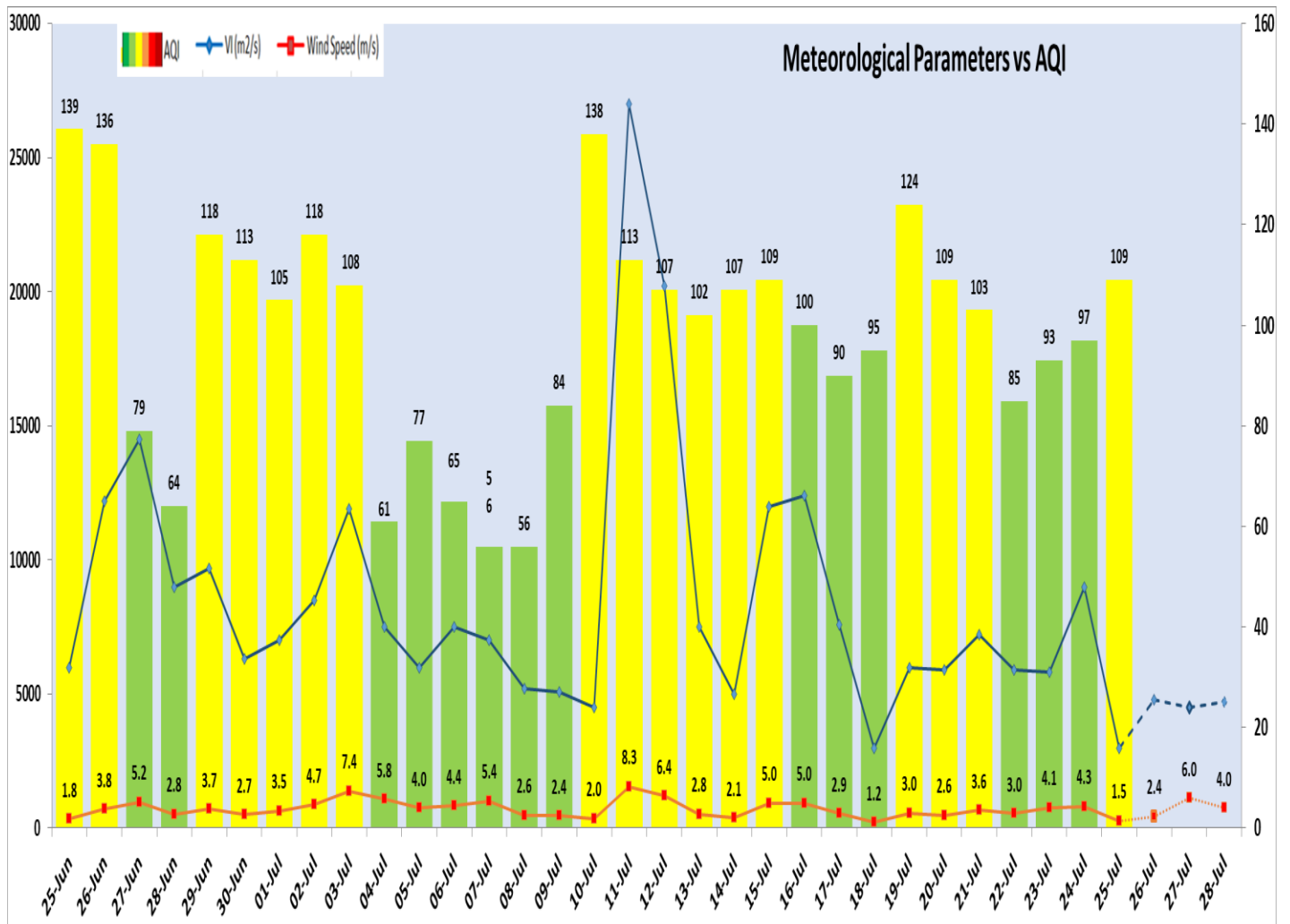
| | | | |
|---------------------|---------------|---------------|---------------|
| | July 26, 2024 | July 27, 2024 | July 28, 2024 |
| AQI Category | Satisfactory | Moderate | Moderate |

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 |
| July 26, 2024 | 08-12 | 07 | 08 | E/SE | N |
| July 27, 2024 | 10-12 | 07 | 08 | ESE/E | E |
| July 28, 2024 | 10-12 | 07 | 11 | ESE/SE | E |

IMD Alert for Tomorrow (26.07.2024):

The air quality is likely to remain in Satisfactory category on 25.07.2024 and 26.07.2024. The predominant surface wind is likely to be coming from East/Southeast directions in Delhi with wind speed 08-12 kmph, generally cloudy sky and light to moderate rain/thundershower on 26.07.2024. Ventilation index is likely to be 4800 m²/s.



| Delhi Temperature in (°C) | | |
|---------------------------|---------|---------|
| Date | Minimum | Maximum |
| 22-07-2024 | 29.2 | 36.6 |
| 23-07-2024 | 27.4 | 36.4 |
| 24-07-2024 | 24.8 | 36.2 |
| 25-07-2024 | 26.2 | 33.8 |

▪ ***Hotspots for Today**

| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|--------------|---------------------|
| Delhi | Mundka, Delhi - DPCC | 207 | Poor | PM ₁₀ |
| | R K Puram, Delhi - DPCC | 162 | Moderate | PM _{2.5} |
| | Wazirpur, Delhi - DPCC | 162 | Moderate | PM _{2.5} |
| | Jahangirpuri, Delhi - DPCC | 152 | Moderate | PM ₁₀ |
| | Dwarka-Sector 8, Delhi - DPCC | 144 | Moderate | PM ₁₀ |
| Faridabad | Sector 11, Faridabad - HSPCB | 171 | Moderate | PM _{2.5} |
| Gurugram | Sector-51, Gurugram - HSPCB | 247 | Poor | PM ₁₀ |
| Ghaziabad | Indirapuram, Ghaziabad - UPPCB | 109 | Moderate | PM _{2.5} |
| | Loni, Ghaziabad - UPPCB | 103 | Moderate | PM _{2.5} |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 112 | Moderate | PM ₁₀ |
| Noida | Sector-1, Noida - UPPCB | 129 | Moderate | PM _{2.5} |
| | Sector-116, Noida - UPPCB | 87 | Satisfactory | PM _{2.5} |