



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – September 02, 2024



Current Air Quality Status:

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

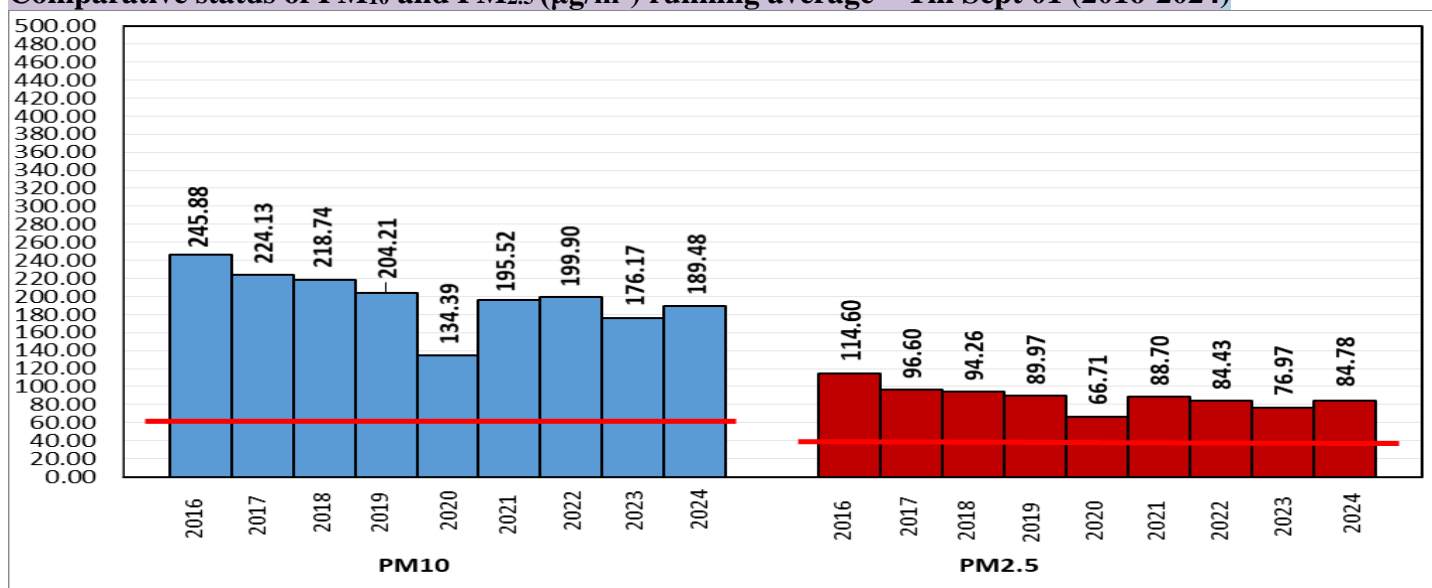
| | 2024 | | | 2023 | | | 2022 | | |
|---------------|--------------|-----------|---|-------------|-----------|--------------------------------------|-------------|-----------|---|
| | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant |
| Delhi | Satisfactory | 86↓ | O ₃ , PM ₁₀ | Moderate | 136↓ | PM ₁₀ | Moderate | 110↓ | PM ₁₀ , PM _{2.5} |
| Faridabad | Satisfactory | 74↓ | PM ₁₀ , PM _{2.5} , CO | Moderate | 115↓ | PM ₁₀ , PM _{2.5} | Moderate | 159↓ | O ₃ , PM ₁₀ , PM _{2.5} |
| Ghaziabad | Satisfactory | 76↓ | PM ₁₀ | Moderate | 149↑ | PM ₁₀ | Moderate | 136↑ | PM ₁₀ |
| Greater Noida | Moderate | 150↓ | PM ₁₀ | Moderate | 174↓ | PM ₁₀ | Moderate | 134↓ | PM ₁₀ |
| Gurugram | Satisfactory | 89↓ | PM _{2.5} , CO | Moderate | 180↑ | PM _{2.5} , CO | Moderate | 116↓ | PM ₁₀ |
| Noida | Satisfactory | 81↓ | PM ₁₀ | Moderate | 129↑ | PM ₁₀ , CO | Moderate | 112↓ | PM ₁₀ |

*Data available for 32(2024), 35(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 02 Sept 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 | 234 | 245 | 245 | 245 | 246 | 245 | 245 | 245 | 246 | 83 | 119 | 125 | 137 | 190 | 146 | 118 | 165 | 161 | |
| Good (0–50) | | 0 | 2 | 0 | 2 | 5 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| Satisfactory (51–100) | | 23 | 38 | 41 | 35 | 89 | 44 | 50 | 50 | 50 | | | | | | | | | | |
| Moderate (101–200) | | 60 | 79 | 84 | 100 | 96 | 102 | 68 | 115 | 111 | | | | | | | | | | |
| 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 Sept 01 (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 01.09.24 to 06:00 am of 02.09.24)

| Date ↓ / parameter → | PM _{2.5} (µg/m ³) | PM ₁₀ (µg/m ³) |
|----------------------|--|---------------------------------------|
| 01- Sept -2024 | 37↓ | 88↓ |

Hotspots for Today: *Details given below

| | | | |
|-----------|---|---------------|--------------------|
| Delhi | Sri Aurobindo Marg, Anand Vihar, Jahangirpuri, Shadipur, Wazirpur | Ghaziabad | Loni, Sanjay Nagar |
| Faridabad | Sector- 11 | Greater Noida | Knowledge Park - V |
| Gurugram | Sector-51 | Noida | Sector - 125 |

Forecast by IITM(Delhi):

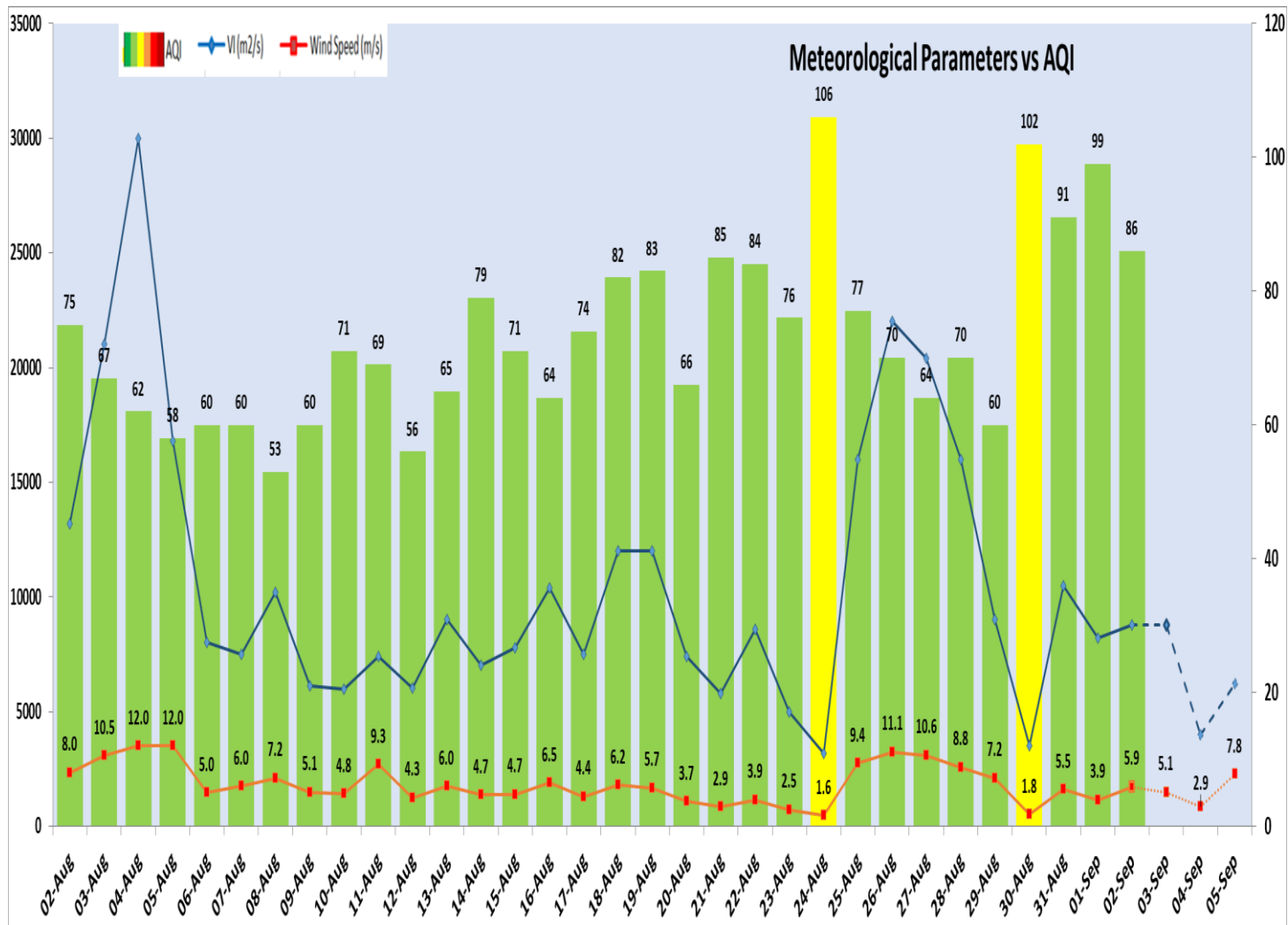
| | | | |
|---------------------|---------------|---------------|---------------|
| | Sept 03, 2024 | Sept 04, 2024 | Sept 05, 2024 |
| AQI Category | Satisfactory | Satisfactory | Satisfactory |

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 |
| Sept 03, 2024 | 04-16 | 12 | 23 | E/SE | E |
| Sept 04, 2024 | 04-12 | 04 | 04 | NE/E | N |
| Sept 05, 2024 | 08-12 | 02 | 03 | E/SE | E |

IMD Alert for Tomorrow (03.09.2024):

The air quality is likely to remain in Satisfactory category from 03.09.2024 to 05.09.2024. The predominant surface wind is likely to be coming from East/ Southeast directions in Delhi with wind speed 16-04 kmph, generally cloudy sky and light to moderate rain/thundershowers on 03.09.2024. Ventilation index is likely to be 8800 m²/s.



| Delhi Temperature in (°C) | | |
|---------------------------|---------|---------|
| Date | Minimum | Maximum |
| 30-08-2024 | 24.0 | 28.8 |
| 31-08-2024 | 25.4 | 35.0 |
| 01-09-2024 | 26.5 | 35.6 |
| 02-09-2024 | 26.2 | 36.3 |

▪ ***Hotspots for Today**

| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|--------------|---------------------|
| Delhi | Sri Aurobindo Marg, Delhi - DPCC | 197 | Moderate | Ozone |
| | Anand Vihar, Delhi - DPCC | 170 | Moderate | PM ₁₀ |
| | Jahangirpuri, Delhi - DPCC | 106 | Moderate | PM ₁₀ |
| | Shadipur, Delhi - CPCB | 104 | Moderate | PM _{2.5} |
| | Wazirpur, Delhi - DPCC | 104 | Moderate | PM ₁₀ |
| Faridabad | Sector 11, Faridabad - HSPCB | 106 | Moderate | PM _{2.5} |
| Gurugram | Sector-51, Gurugram - HSPCB | 148 | Moderate | PM _{2.5} |
| Ghaziabad | Loni, Ghaziabad - UPPCB | 88 | Satisfactory | PM ₁₀ |
| | Sanjay Nagar, Ghaziabad - UPPCB | 84 | Satisfactory | PM ₁₀ |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 175 | Moderate | PM ₁₀ |
| Noida | Sector - 125, Noida - UPPCB | 92 | Satisfactory | PM ₁₀ |