



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – May 13, 2024



Current Air Quality Status:

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

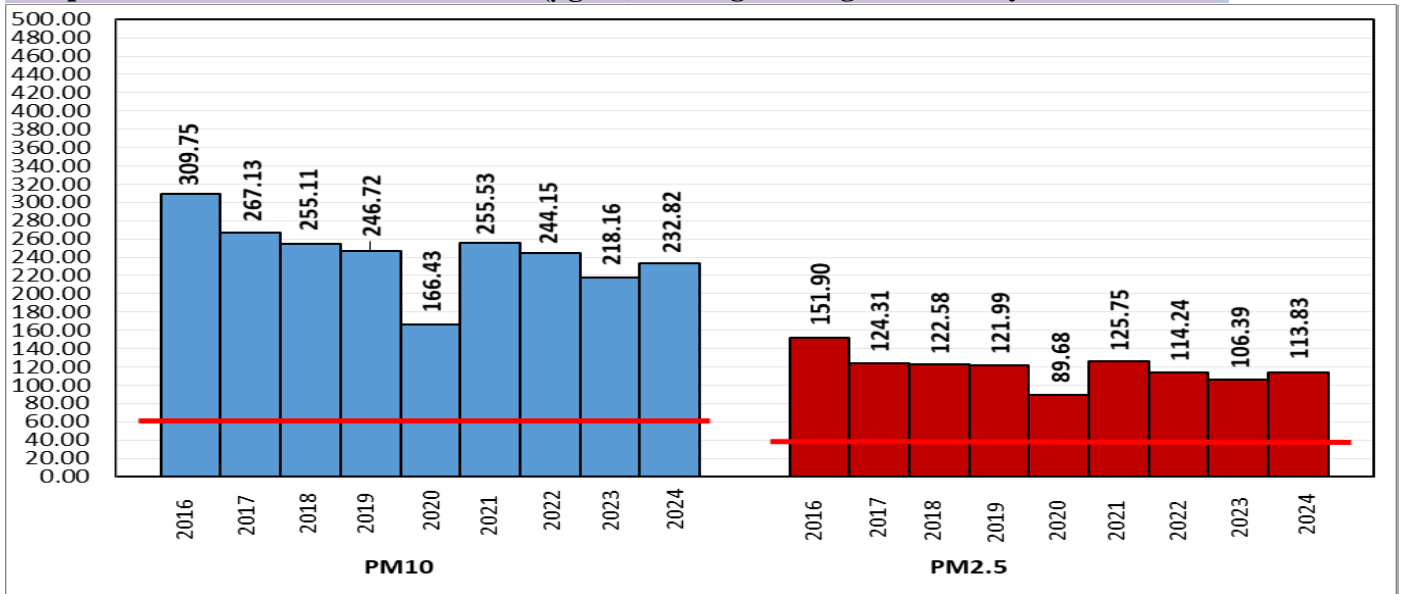
| | 2024 | | | 2023 | | | 2022 | | |
|---------------|-------------|-----------|---|-------------|-----------|--------------------------------------|-------------|-----------|---|
| | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant |
| Delhi | Poor | 227↑ | PM _{2.5} | Poor | 235↑ | PM _{2.5} | Moderate | 176↑ | PM _{2.5} , O ₃ , PM ₁₀ |
| Faridabad | Poor | 287↑ | PM _{2.5} | Moderate | 154↑ | PM ₁₀ , PM _{2.5} | Moderate | 168↑ | PM ₁₀ , PM _{2.5} |
| Ghaziabad | Poor | 206↑ | PM ₁₀ , O ₃ , PM _{2.5} | Poor | 221↑ | O ₃ , PM ₁₀ | Poor | 215↑ | O ₃ , PM ₁₀ |
| Greater Noida | Poor | 248↑ | PM ₁₀ , PM _{2.5} | Poor | 210↓ | PM ₁₀ | Moderate | 187↑ | O ₃ , PM ₁₀ |
| Gurugram | Moderate | 184↑ | PM ₁₀ , PM _{2.5} | Poor | 270↑ | PM ₁₀ , PM _{2.5} | Moderate | 143↓ | PM ₁₀ , PM _{2.5} |
| Noida | Moderate | 195↑ | PM ₁₀ , PM _{2.5} | Moderate | 189↓ | PM ₁₀ | Moderate | 186↑ | O ₃ , PM ₁₀ |

*Data available for 36(2024), 39(2023), 36(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 13 May 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 | 130 | 133 | 133 | 133 | 134 | 133 | 133 | 133 | 134 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | |
| Good (0-50) | | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| Satisfactory (51-100) | | 0 | 0 | 1 | 2 | 27 | 0 | 3 | 5 | 0 | 11 | 31 | 39 | 48 | 82 | 42 | 33 | 60 | 69 | |
| Moderate (101-200) | | 11 | 31 | 38 | 46 | 54 | 42 | 30 | 55 | 69 | | | | | | | | | | |
| Poor (201-300) | | 65 | 69 | 65 | 54 | 35 | 52 | 81 | 50 | 30 | | | | | | | | | | |
| Very Poor (301-400) | | 48 | 33 | 26 | 24 | 15 | 33 | 18 | 20 | 32 | 119 | 102 | 94 | 85 | 52 | 91 | 100 | 73 | 65 | |
| Severe (>401) | | 6 | 0 | 3 | 7 | 2 | 6 | 1 | 3 | 3 | | | | | | | | | | |

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till May 12 (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 12.05.24 to 06:00 am of 13.05.24)

| Date ↓ / parameter → | PM _{2.5} (µg/m ³) | PM ₁₀ (µg/m ³) |
|----------------------|--|---------------------------------------|
| 12- May -2024 | 93↑ | 217↓ |

Hotspots for Today: *Details given below

| | | | |
|-----------|---|---------------|--------------------------|
| Delhi | Chandni Chowk, Shadipur, NSIT Dwarka, Pusa, Anand Vihar | Ghaziabad | Sanjay Nagar, Indrapuram |
| Faridabad | Sector 11 | Greater Noida | Knowledge Park - V |
| Gurugram | Teri Gram | Noida | Sector-1, Sector-116 |

Forecast by IITM(Delhi):

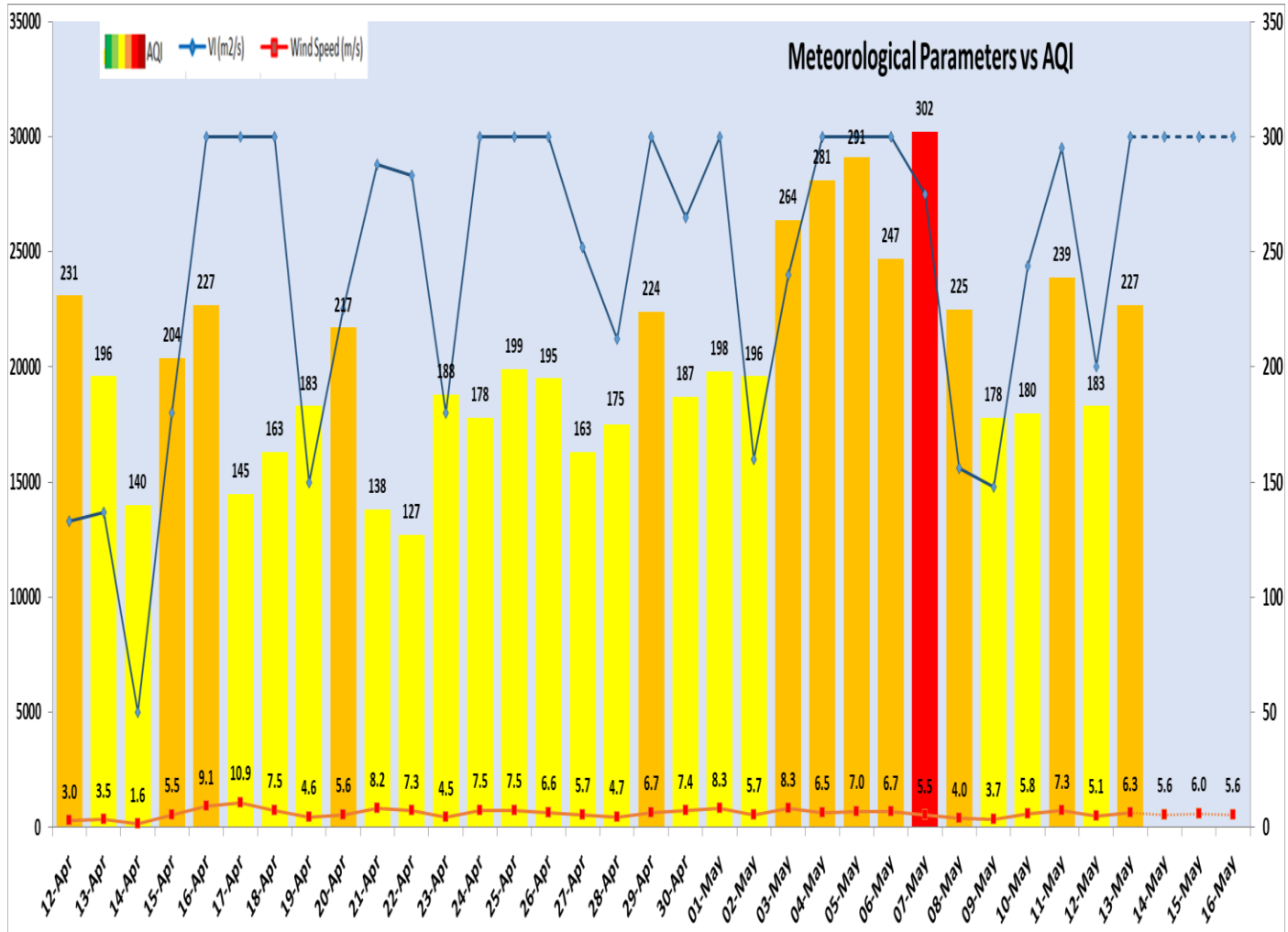
| | | | |
|---------------------|--------------|--------------|--------------|
| | May 14, 2024 | May 15, 2024 | May 16, 2024 |
| AQI Category | Moderate | Moderate | Poor |

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 |
| May 14. 2024 | 06-20 | 17 | 29 | N/NW | NW |
| May 15. 2024 | 04-20 | 18 | 30 | NW | NW |
| May 16. 2024 | 06-16 | 21 | 34 | NW | NW |

IMD Alert for Tomorrow (14.05.2024):

The air quality is likely to be in Moderate category from 14.05.2024 to 15.05.2024 and Poor category on 16.05.2024. The predominant surface wind is likely to be coming from North/Northwest directions in Delhi with wind speed 06-20 kmph and mainly clear sky on 14.05.2024. Ventilation index is likely to be more than 30000 m²/s.



Delhi Temperature in (°C)

| Date | Minimum | Maximum |
|------------|---------|---------|
| 10-05-2024 | 27.7 | 38.8 |
| 11-05-2024 | 24.9 | 39.0 |
| 12-05-2024 | 25.8 | 38.7 |
| 13-05-2024 | 27.5 | 39.8 |

Hotspots for Today

| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi | Chandni Chowk, Delhi - IITM | 299 | Poor | PM _{2.5} |
| | Shadipur, Delhi - CPCB | 290 | Poor | PM _{2.5} |
| | NSIT Dwarka, Delhi - CPCB | 286 | Poor | PM _{2.5} |
| | Pusa, Delhi - IMD | 281 | Poor | PM _{2.5} |
| | Anand Vihar, Delhi - DPCC | 271 | Poor | PM ₁₀ |
| Faridabad | Sector 11, Faridabad - HSPCB | 287 | Poor | PM _{2.5} |
| Gurugram | Teri Gram, Gurugram - HSPCB | 208 | Poor | PM _{2.5} |
| Ghaziabad | Sanjay Nagar, Ghaziabad - UPPCB | 230 | Poor | Ozone |
| | Indirapuram, Ghaziabad - UPPCB | 210 | Poor | PM ₁₀ |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 295 | Poor | PM ₁₀ |
| Noida | Sector-1, Noida - UPPCB | 210 | Poor | PM ₁₀ |
| | Sector-116, Noida - UPPCB | 209 | Poor | PM _{2.5} |