



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – May 14, 2024



Current Air Quality Status:

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

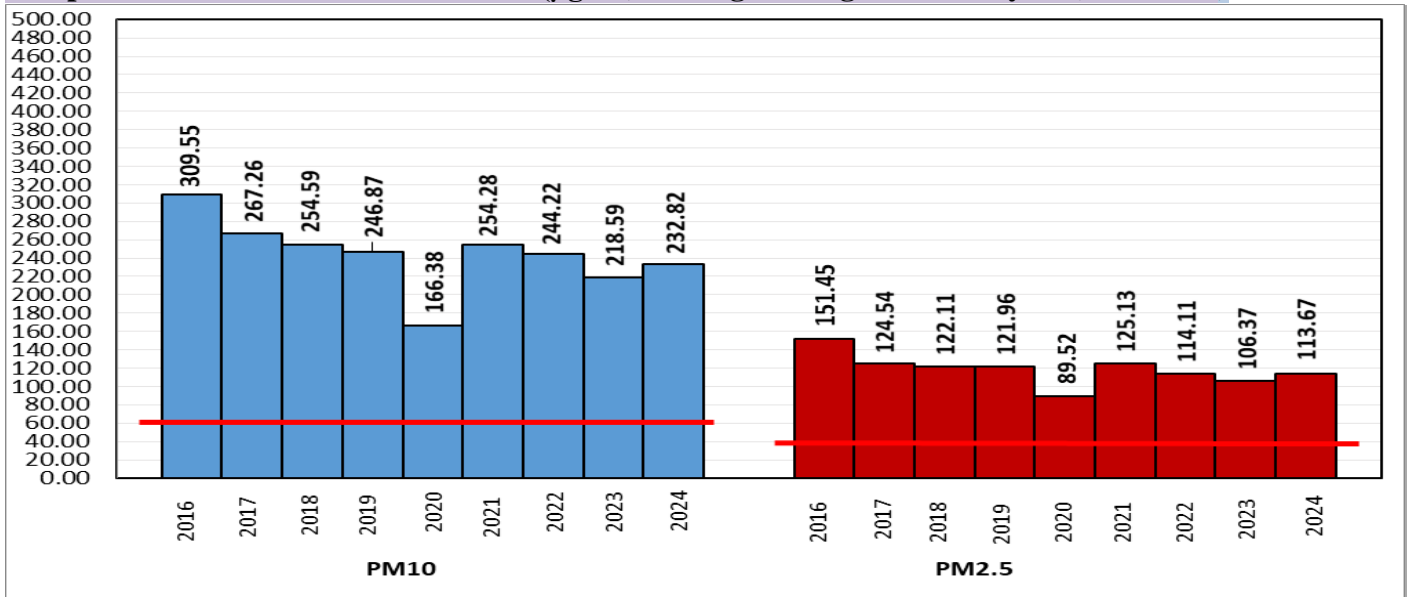
| | 2024 | | | 2023 | | | 2022 | | |
|---------------|-------------|-----------|---|-------------|-----------|--------------------------------------|-------------|-----------|---|
| | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant |
| Delhi | Poor | 234↑ | PM ₁₀ , PM _{2.5} | Poor | 259↑ | PM ₁₀ , PM _{2.5} | Poor | 270↑ | PM _{2.5} , PM ₁₀ |
| Faridabad | Poor | 254↓ | PM _{2.5} | Moderate | 166↑ | PM ₁₀ | Poor | 267↑ | PM _{2.5} , PM ₁₀ , O ₃ |
| Ghaziabad | Poor | 210↑ | PM ₁₀ , O ₃ , PM _{2.5} | Poor | 233↑ | PM ₁₀ | Poor | 258↑ | PM ₁₀ |
| Greater Noida | Poor | 252↑ | PM ₁₀ , PM _{2.5} | Poor | 278↑ | PM ₁₀ | Poor | 267↑ | PM ₁₀ |
| Gurugram | Poor | 215↑ | PM _{2.5} | Very Poor | 306↑ | PM ₁₀ , PM _{2.5} | Poor | 235↑ | PM _{2.5} , PM ₁₀ |
| Noida | Poor | 262↑ | PM ₁₀ , PM _{2.5} | Poor | 258↑ | PM ₁₀ | Very Poor | 306↑ | PM ₁₀ |

*Data available for 33(2024), 39(2023), 29(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 14 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 | 131 | 134 | 134 | 134 | 135 | 134 | 134 | 134 | 135 | 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 | 12 | 31 | 39 | 48 | 83 | 43 | 33 | 60 | 69 | |
| Moderate (101-200) | | 12 | 31 | 38 | 46 | 55 | 43 | 30 | 55 | 69 | | | | | | | | | | |
| Poor (201-300) | | 65 | 70 | 66 | 55 | 35 | 52 | 82 | 51 | 31 | | | | | | | | | | |
| Very Poor (301-400) | | 48 | 33 | 26 | 24 | 15 | 33 | 18 | 20 | 32 | 119 | 103 | 95 | 86 | 52 | 91 | 101 | 74 | 66 | |
| 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 13 (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 13.05.24 to 06:00 am of 14.05.24)

| Date ↓ / parameter → | PM _{2.5} (µg/m ³) | PM ₁₀ (µg/m ³) |
|----------------------|--|---------------------------------------|
| 13- May -2024 | 93 | 233↑ |

Hotspots for Today: *Details given below

| | | | |
|-----------|---|---------------|--------------------------|
| Delhi | Shadipur, Mundka, Anand Vihar, Jahangirpuri, Bawana | Ghaziabad | Sanjay Nagar, Indrapuram |
| Faridabad | Sector 11, Sector 30 | Greater Noida | Knowledge Park - V |
| Gurugram | Teri Gram, Sector-51 | Noida | Sector-125 |

Forecast by IITM(Delhi):

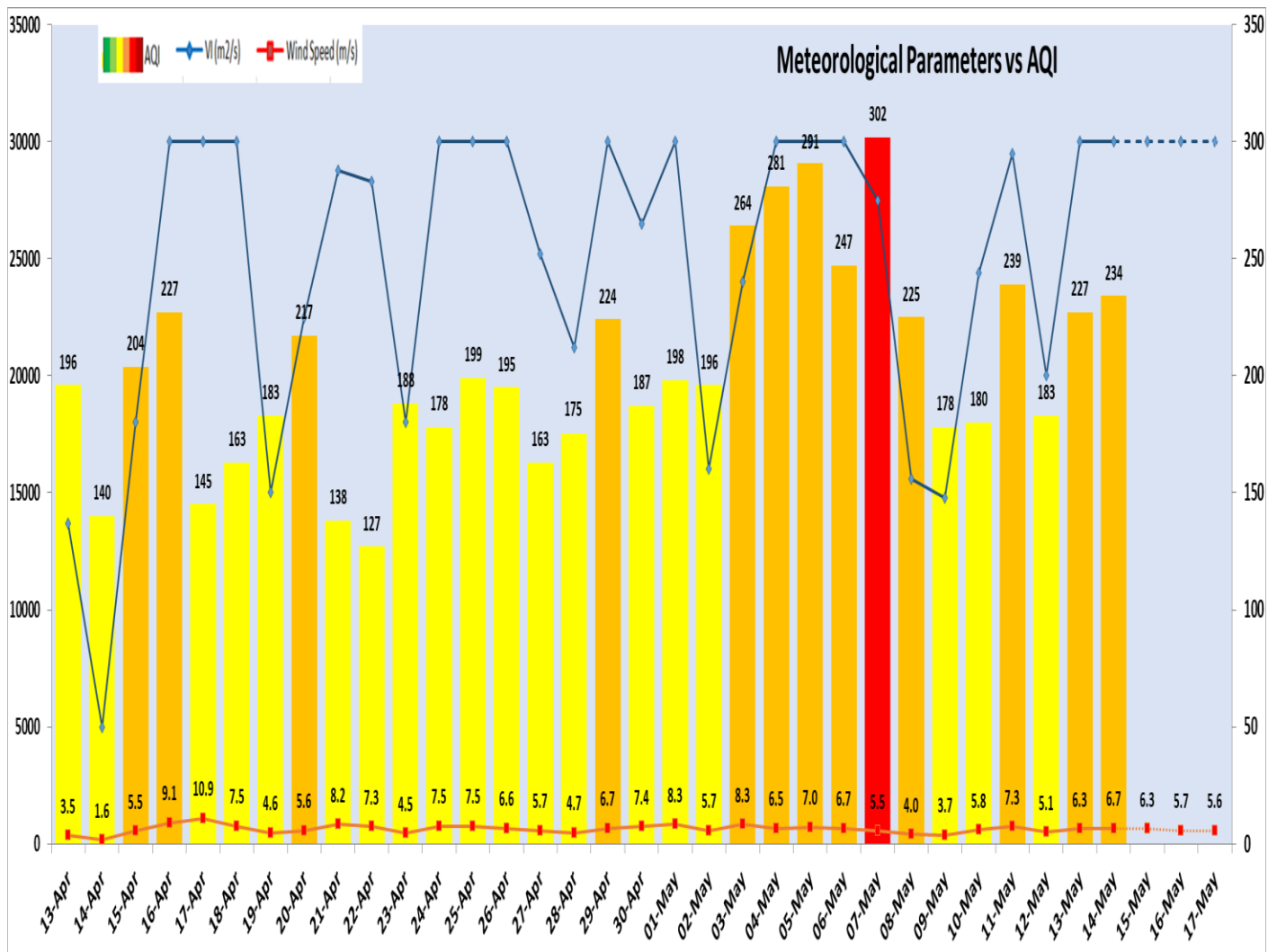
| | | | |
|---------------------|--------------|--------------|--------------|
| | May 15, 2024 | May 16, 2024 | May 17, 2024 |
| AQI Category | Poor | Poor | Poor |

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 15. 2024 | 04-16 | 14 | 25 | W/NW | NW |
| May 16. 2024 | 04-20 | 15 | 25 | WNW/NW | NW |
| May 17. 2024 | 06-24 | 18 | 29 | NW | NW |

IMD Alert for Tomorrow (15.05.2024):

The air quality is likely to be in Poor category from 15.05.2024 to 17.05.2024. The predominant surface wind is likely to be coming from West/Northwest directions in Delhi with wind speed 04-16kmph and mainly clear sky on 15.05.2024. Ventilation index is likely to be more than 30000 m²/s.



| Delhi Temperature in (°C) | | |
|---------------------------|---------|---------|
| Date | Minimum | Maximum |
| 11-05-2024 | 24.9 | 39.0 |
| 12-05-2024 | 25.8 | 38.7 |
| 13-05-2024 | 27.5 | 39.8 |
| 14-05-2024 | 23.9 | 40.2 |

▪ **Hotspots for Today**

| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi | Shadipur, Delhi - CPCB | 327 | Very Poor | PM _{2.5} |
| | Mundka, Delhi - DPCC | 313 | Very Poor | PM ₁₀ |
| | Anand Vihar, Delhi - DPCC | 302 | Very Poor | PM ₁₀ |
| | Jahangirpuri, Delhi - DPCC | 299 | Poor | PM ₁₀ |
| | Bawana, Delhi - DPCC | 285 | Poor | PM _{2.5} |
| Faridabad | Sector 11, Faridabad - HSPCB | 298 | Poor | PM _{2.5} |
| | Sector 30, Faridabad - HSPCB | 282 | Poor | PM _{2.5} |
| Gurugram | Teri Gram, Gurugram - HSPCB | 233 | Poor | PM _{2.5} |
| | Sector-51, Gurugram - HSPCB | 220 | Poor | PM _{2.5} |
| Ghaziabad | Sanjay Nagar, Ghaziabad - UPPCB | 249 | Poor | Ozone |
| | Indirapuram, Ghaziabad - UPPCB | 240 | Poor | PM ₁₀ |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 275 | Poor | PM ₁₀ |
| Noida | Sector - 125, Noida - UPPCB | 355 | Very Poor | PM ₁₀ |