



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – June 08, 2024



Current Air Quality Status:

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

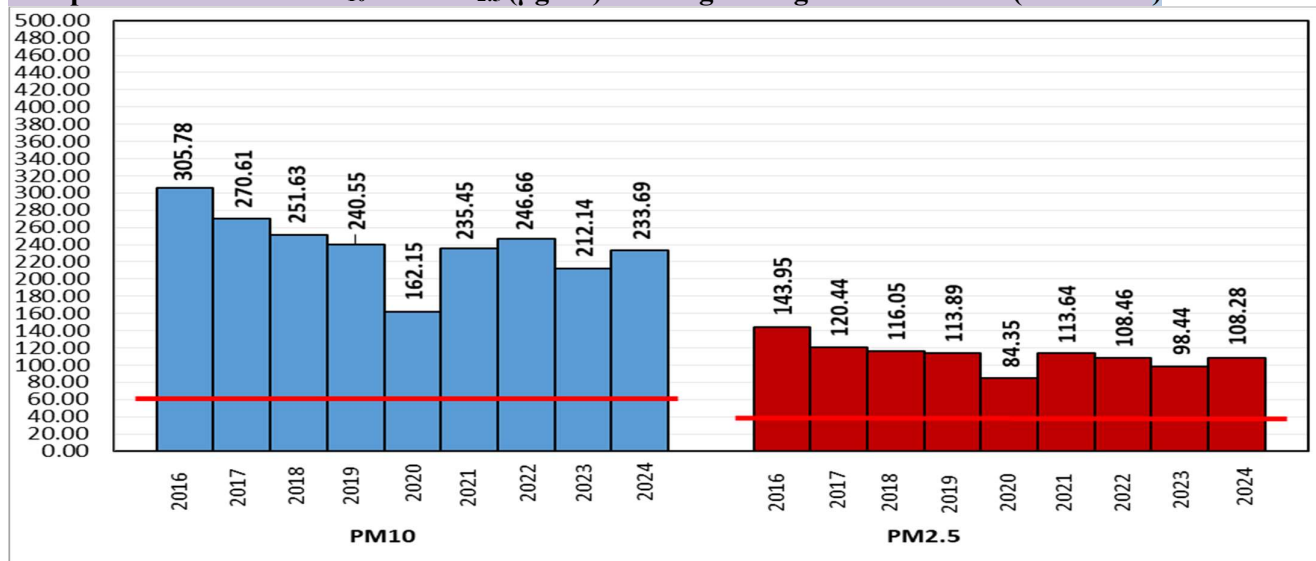
| | 2024 | | | 2023 | | | 2022 | | |
|---------------|-------------|-----------|--------------------------------------|-------------|-----------|--------------------------------------|-------------|-----------|--------------------------------------|
| | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant |
| Delhi | Poor | 234↑ | PM _{2.5} , PM ₁₀ | Moderate | 161↓ | PM _{2.5} , PM ₁₀ | Very Poor | 346↑ | PM ₁₀ |
| Faridabad | Moderate | 163↓ | PM _{2.5} , CO | Moderate | 126↓ | PM ₁₀ , PM _{2.5} | Very Poor | 389↑ | PM _{2.5} , PM ₁₀ |
| Ghaziabad | Moderate | 192↑ | PM ₁₀ | Moderate | 144↓ | PM ₁₀ | Very Poor | 375↑ | PM ₁₀ |
| Greater Noida | Poor | 300↑ | PM ₁₀ | Poor | 202↓ | O ₃ | Very Poor | 382↑ | PM ₁₀ |
| Gurugram | Poor | 252↓ | PM _{2.5} | Moderate | 186↓ | PM _{2.5} | Very Poor | 396↑ | PM _{2.5} , PM ₁₀ |
| Noida | Poor | 270↑ | PM ₁₀ | Moderate | 155↓ | PM ₁₀ | Very Poor | 399↑ | PM ₁₀ |

*Data available for 37(2024), 38(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 08 June 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 | 156 | 159 | 159 | 159 | 160 | 159 | 159 | 159 | 160 | 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 | 1 | 2 | 2 | 29 | 6 | 4 | 8 | 0 | 17 | 40 | 51 | 62 | 106 | 66 | 38 | 81 | 78 | |
| Moderate (101-200) | | 17 | 39 | 49 | 60 | 76 | 60 | 34 | 73 | 78 | | | | | | | | | | |
| Poor (201-300) | | 80 | 83 | 78 | 64 | 37 | 54 | 100 | 54 | 47 | | | | | | | | | | |
| Very Poor (301-400) | | 53 | 36 | 27 | 26 | 15 | 33 | 20 | 21 | 32 | 139 | 119 | 108 | 97 | 54 | 93 | 121 | 78 | 82 | |
| Severe (>401) | | 6 | 0 | 3 | 7 | 2 | 6 | 1 | 3 | 3 | | | | | | | | | | |

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till June 07 (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 07.06.24 to 06:00 am of 08.06.24)

| Date ↓ / parameter → | PM _{2.5} (µg/m ³) | PM ₁₀ (µg/m ³) |
|----------------------|--|---------------------------------------|
| 07- June -2024 | 70↑ | 296↑ |

Hotspots for Today:

*Details given below

| | | | |
|-----------|--|---------------|--------------------|
| Delhi | Chandni Chowk, Shadipur, Anand Vihar, Mundka, Dr. Karni Singh Shooting Range | Ghaziabad | Indirapuram |
| Faridabad | Sector 11, Sector 30 | Greater Noida | Knowledge Park - V |
| Gurugram | Sector-51 | Noida | Sector-125 |

Forecast by IITM(Delhi):

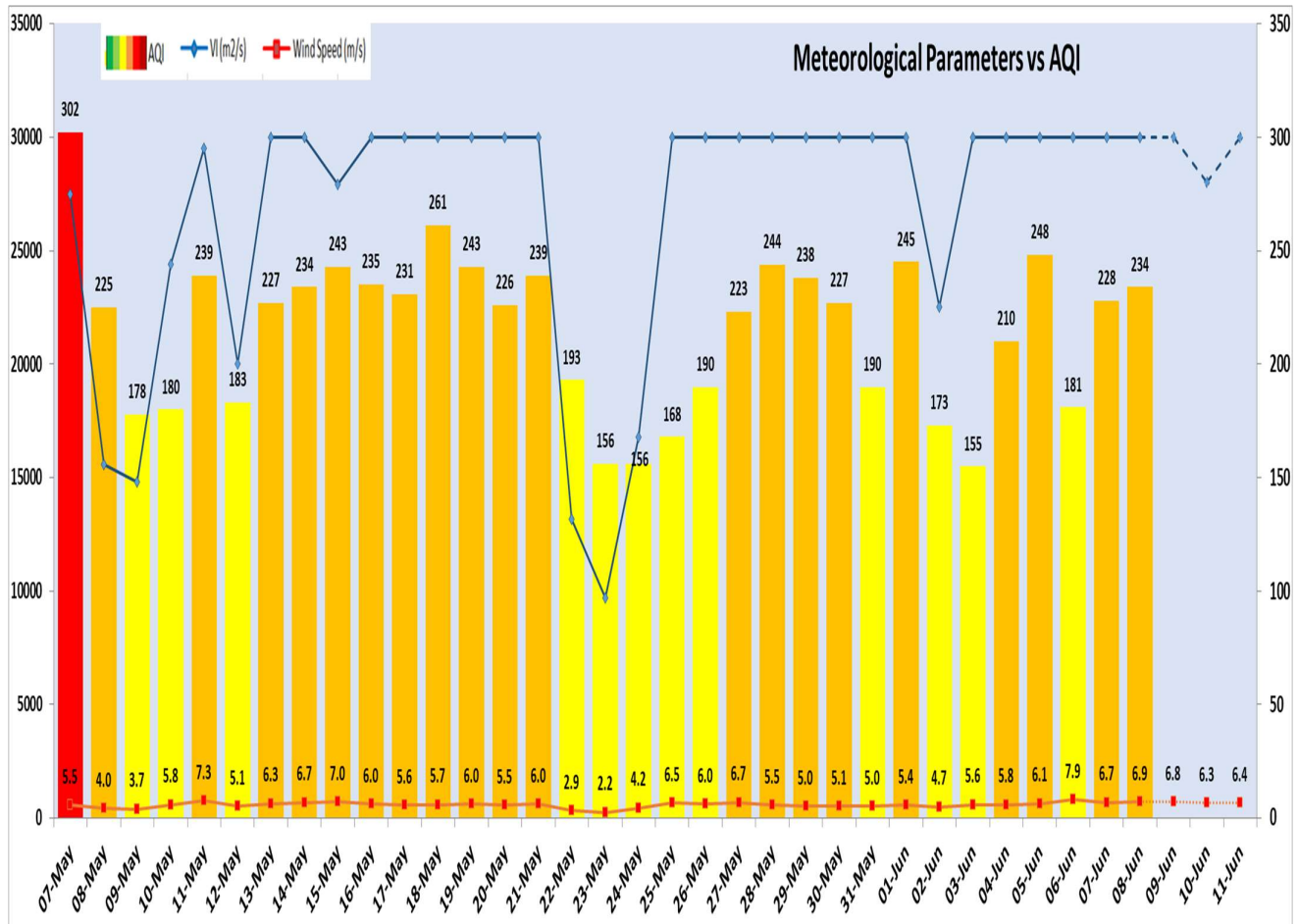
| | | | |
|---------------------|---------------|---------------|---------------|
| | June 09, 2024 | June 10, 2024 | June 11, 2024 |
| AQI Category | Poor | Poor | Poor |

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 |
| June 09, 2024 | 20-10 | 16 | 23 | W/WNW | W |
| June 10, 2024 | 08-16 | 16 | 24 | WNW/NW | W |
| June 11, 2024 | 12-24 | 18 | 27 | NW | W |

IMD Alert for Tomorrow (09.06.2024):

The air quality is likely to improve marginally but remain in Poor category on 09.06.2024. The predominant surface wind is likely to be coming from West/Westnorthwest directions in Delhi with wind speed 20-10 kmph, partly cloudy sky and strong surface winds (speed 25-35 kmph) occasionally in gusty during the day on 09.06.2024. Ventilation index is likely to be more than 30000 m²/s.



| Delhi Temperature in (°C) | | |
|---------------------------|---------|---------|
| Date | Minimum | Maximum |
| 05-06-2024 | 31.0 | 43.8 |
| 06-06-2024 | 24.6 | 44.0 |
| 07-06-2024 | 28.0 | 41.2 |
| 08-06-2024 | 30.0 | 43.0 |

| *Hotspots for Today | | | | |
|---------------------|--|-----------|-------------|---------------------|
| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
| Delhi | Chandni Chowk, Delhi - IITM | 353 | Very Poor | PM _{2.5} |
| | Shadipur, Delhi - CPCB | 340 | Very Poor | PM ₁₀ |
| | Anand Vihar, Delhi - DPCC | 291 | Poor | PM ₁₀ |
| | Mundka, Delhi - DPCC | 288 | Poor | PM ₁₀ |
| | Dr. Karni Singh Shooting Range, Delhi - DPCC | 276 | Poor | Ozone |
| Faridabad | Sector 11, Faridabad - HSPCB | 240 | Poor | PM _{2.5} |
| | Sector 30, Faridabad - HSPCB | 189 | Moderate | PM _{2.5} |
| Gurugram | Sector-51, Gurugram - HSPCB | 346 | Very Poor | PM _{2.5} |
| Ghaziabad | Indrapuram, Ghaziabad - UPPCB | 260 | Poor | PM ₁₀ |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 302 | Very Poor | PM ₁₀ |
| Noida | Sector - 125, Noida - UPPCB | 290 | Poor | PM ₁₀ |