



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – February 21, 2025



Current Air Quality Status:

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

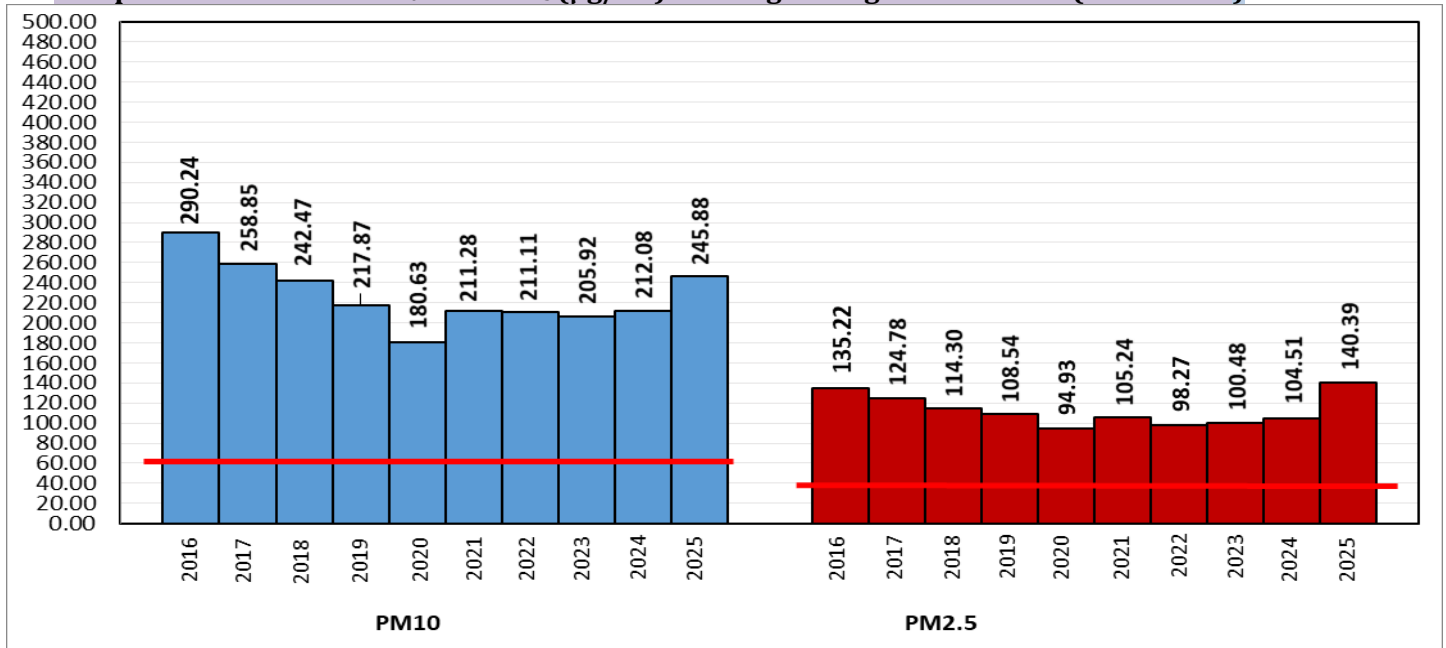
| | 2025 | | | 2024 | | | 2023 | | |
|---------------|--------------|-----------|--|-------------|-----------|--|-------------|-----------|------------------------------------|
| | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant |
| Delhi | Moderate | 158↓ | O ₃ , PM _{2.5} | Poor | 245↑ | PM _{2.5} | Poor | 245↓ | PM _{2.5} |
| Faridabad | Satisfactory | 84↓ | CO, PM ₁₀ | Poor | 209↓ | PM _{2.5} | Moderate | 194↓ | PM _{2.5} |
| Ghaziabad | Satisfactory | 81↓ | NO ₂ , PM ₁₀ | Poor | 202↑ | PM ₁₀ , PM _{2.5} | Poor | 208↓ | PM _{2.5} , O ₃ |
| Greater Noida | Satisfactory | 99↓ | PM ₁₀ | Poor | 286↑ | PM _{2.5} | Moderate | 178↓ | PM ₁₀ |
| Gurugram | Moderate | 160↑ | PM _{2.5} , PM ₁₀ | Poor | 213↑ | PM ₁₀ , CO, PM _{2.5} | Poor | 248↓ | PM _{2.5} |
| Noida | Moderate | 107↓ | CO, PM _{2.5} , PM ₁₀ | Poor | 244↑ | PM _{2.5} | Moderate | 199↓ | PM _{2.5} |

*Data available for 36(2025), 36(2024), 38(2023) 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 21 Feb 2016-2025

| Category | Year | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | No. of days | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
| Good (0-50) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| Satisfactory (51-100) | | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 3 | 4 | 6 | 6 | 4 | 12 | 11 | 7 | 10 |
| Moderate (101-200) | | 1 | 3 | 4 | 6 | 6 | 4 | 10 | 11 | 7 | 10 | | | | | | | | | | |
| Poor (201-300) | | 11 | 25 | 24 | 18 | 29 | 13 | 23 | 19 | 11 | 24 | | | | | | | | | | |
| Very Poor (301-400) | | 34 | 24 | 21 | 21 | 15 | 29 | 16 | 19 | 31 | 18 | 51 | 49 | 48 | 46 | 46 | 48 | 40 | 41 | 45 | 42 |
| Severe (>401) | | 6 | 0 | 3 | 7 | 2 | 6 | 1 | 3 | 3 | 0 | | | | | | | | | | |

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Feb 20 (2016-2025)



*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 20.02.25 to 06:00 am of 21.02.25)

| Date ↓ / parameter → | PM _{2.5} (µg/m ³) | PM ₁₀ (µg/m ³) |
|----------------------|--|---------------------------------------|
| 20-Feb-2025 | 61↓ | 127↓ |

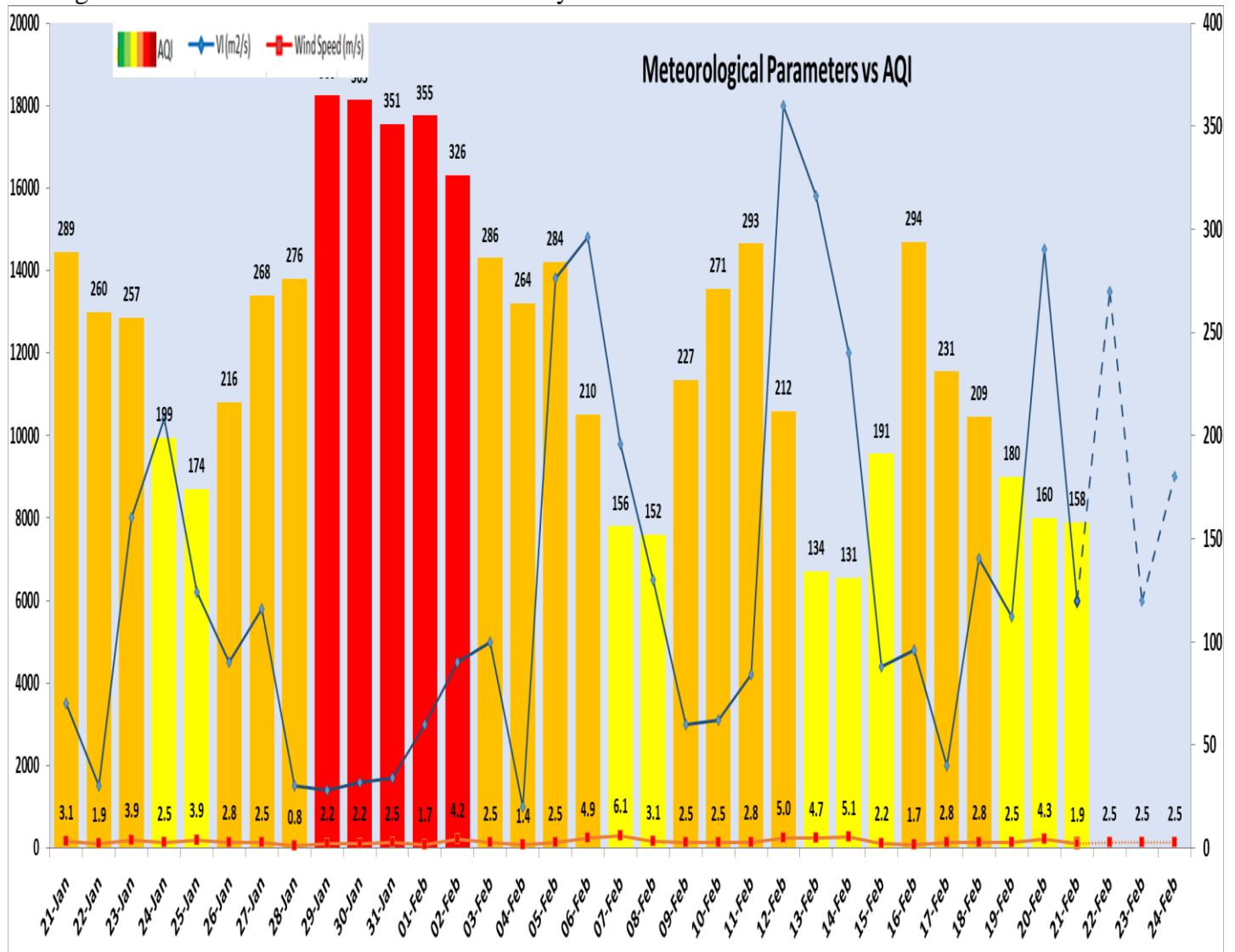
| Hotspots for Today: | | *Details given below | |
|---------------------|---|----------------------|---------------------------|
| Delhi | Lodhi Road, Okhla Phase-2, Bawana, Mundka, Sirifort | Ghaziabad | Loni, Indirapuram |
| Faridabad | Sector 30, New Industrial Town | Greater Noida | Knowledge Park – V |
| Gurugram | Teri Gram | Noida | Sector - 125, Sector - 62 |

| Forecast by IITM(Delhi): | | | |
|--------------------------|--------------|--------------|--------------|
| | Feb 22, 2025 | Feb 23, 2025 | Feb 24, 2025 |
| 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 |
| Feb 22, 2025 | 06-12 | 09 | 27 | WNW/NW | W |
| Feb 23, 2025 | 06-12 | 08 | 20 | N/NW | NW |
| Feb 24, 2025 | 06-12 | 08 | 21 | N/NW | NW |

IMD Alert for Tomorrow (22.02.2025):

The air quality is likely to be in the Poor category from 22.02.2025 to 24.02.2025. The predominant surface wind is likely to be from the northwest direction with a wind speed less than 06 kmph during morning hours. The wind speed will gradually increase thereafter becoming 10-12 kmph from the northwest direction during the afternoon. It will increase further becoming less than 06 kmph from the northwest direction during evening and night on 22.02.2025. Ventilation index is likely to be 13500 m²/s.



| Delhi Temperature (°C)* | | |
|-------------------------|---------|---------|
| Date | Minimum | Maximum |
| 18-02-2025 | 13.2 | 29.0 |
| 19-02-2025 | 10.4 | 28.8 |
| 20-02-2025 | 15.0 | 28.4 |
| 21-02-2025 | 12.3 | 27.4 |

* Source – IMD (08:30 hrs.)

| *Hotspots for Today | | | | |
|---------------------|---|-----------|--------------|---------------------|
| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
| Delhi | Lodhi Road, Delhi - IITM | 244 | Poor | PM _{2.5} |
| | Okhla Phase-2, Delhi - DPCC | 206 | Poor | Ozone |
| | Bawana, Delhi - DPCC | 199 | Moderate | PM _{2.5} |
| | Mundka, Delhi - DPCC | 196 | Moderate | PM _{2.5} |
| | Sirifort, Delhi - CPCB | 192 | Moderate | PM _{2.5} |
| Faridabad | Sector 30, Faridabad - HSPCB | 114 | Moderate | PM ₁₀ |
| | New Industrial Town, Faridabad - HSPCB | 88 | Satisfactory | PM ₁₀ |
| Gurugram | Teri Gram, Gurugram - HSPCB | 182 | Moderate | PM _{2.5} |
| Ghaziabad | Loni, Ghaziabad - UPPCB | 109 | Moderate | NO ₂ |
| | Indirapuram, Ghaziabad - UPPCB | 83 | Satisfactory | PM ₁₀ |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 118 | Moderate | PM ₁₀ |
| Noida | Sector - 125, Noida - UPPCB | 130 | Moderate | CO |
| | Sector - 62, Noida - IMD | 110 | Moderate | PM ₁₀ |