



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – March 14, 2023



Current Air Quality Status:

Air Quality Index (AQI) (Average of past 24 hours)

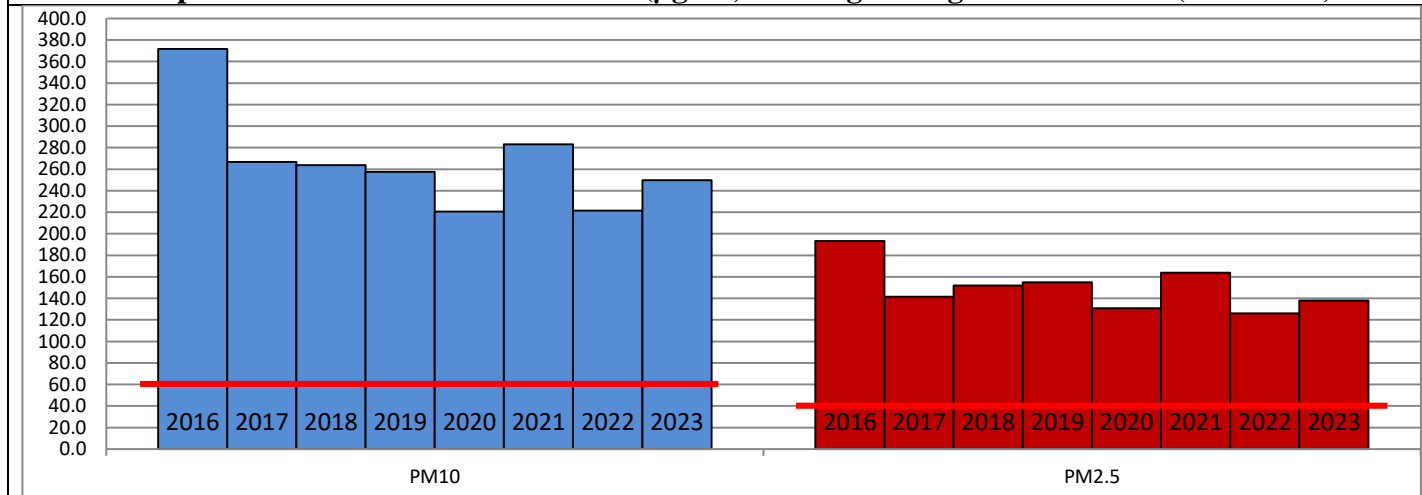
| | Air Quality | AQI Value | Prominent Pollutant |
|---------------|-------------|-----------|--------------------------------------|
| Delhi | Poor | 219 ↓ | PM _{2.5} |
| Faridabad | Moderate | 178 ↓ | PM ₁₀ |
| Ghaziabad | Moderate | 190 ↓ | PM ₁₀ , PM _{2.5} |
| Greater Noida | Moderate | 184 ↓ | PM ₁₀ |
| Gurugram | Poor | 221 ↓ | PM _{2.5} |
| Noida | Moderate | 173 ↓ | PM _{2.5} |

*Data available for 38 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 March 2016-2023

| Category | Year | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | No. of days | 69 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | | | | | | | | |
| Good (0–50) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| Satisfactory (51–100) | | 0 | 0 | 0 | 1 | 5 | 0 | 3 | 0 | 4 | 13 | 15 | 21 | 21 | 8 | 25 | 21 |
| Moderate (101–200) | | 4 | 13 | 15 | 20 | 16 | 8 | 22 | 21 | | | | | | | | |
| Poor (201–300) | | 19 | 36 | 34 | 24 | 35 | 30 | 30 | 29 | | | | | | | | |
| Very Poor (301–400) | | 40 | 24 | 21 | 21 | 15 | 29 | 17 | 20 | 65 | 60 | 58 | 52 | 52 | 65 | 48 | 52 |
| Severe (>401) | | 6 | 0 | 3 | 7 | 2 | 6 | 1 | 3 | | | | | | | | |

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till Mar 06 (2016-2023)



Hotspots for Today:

*Details given overleaf

| | | | |
|-----------|---|---------------|-----------------------|
| Delhi | Shadipur, NSIT Dwarka, Mundka, Bawana, Alipur | Ghaziabad | Vasundhara, Loni |
| Faridabad | Sector-11 | Greater Noida | Knowledge Park-III |
| Gurugram | Sector-51, Teri Gram | Noida | Sector-125, Sector-62 |

Air Quality Forecast by IITM (Delhi): AQI

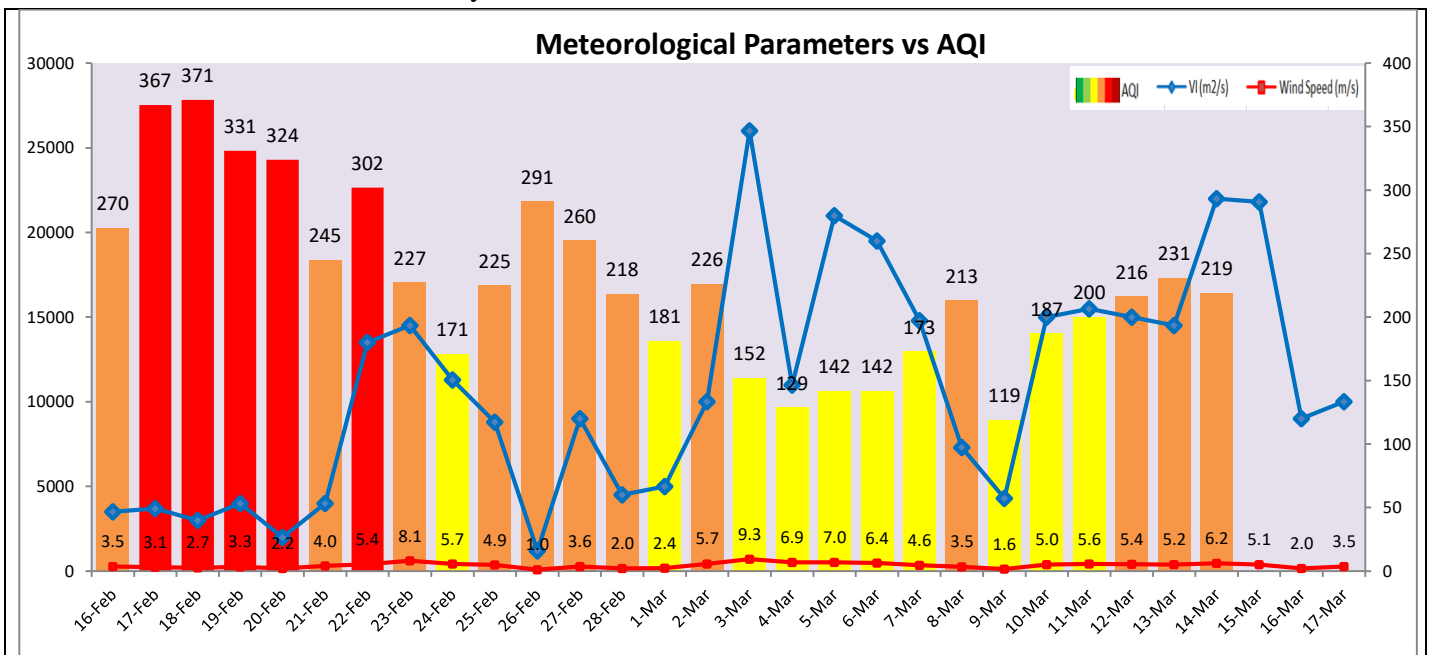
| | Mar 15, 2023 | | Mar 16, 2023- Mar 17, 2023 | |
|-------------------|--------------|----------|----------------------------|----------|
| | AQI | Category | AQI | Category |
| PM ₁₀ | 185 | Moderate | 212 | Poor |
| PM _{2.5} | 232 | Poor | 290 | Poor |

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 |
| Mar 15, 2023 | 05-12 | 07 | 14 | NW/SW | NW |
| Mar 16, 2023 | 08-14 | 02 | 05 | ESE/S | W |
| Mar 17, 2023 | 08-20 | 12 | 08 | SE/E | SE |

IMD Alert for Tomorrow (15.03.2023):

The air quality is likely to be in Moderate category on 15.03.2023. The predominant surface wind is likely to be coming from Southwest/Northwest direction in Delhi with wind speed 05-12 kmph and partly cloudy sky tomorrow. Ventilation index is likely to be 21,800 m²/s.



Hotspots for Today

| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi | Shadipur, Delhi - CPCB | 356 | Very Poor | PM _{2.5} |
| | NSIT Dwarka, Delhi - CPCB | 300 | Poor | PM _{2.5} |
| | Mundka, Delhi - DPCC | 273 | Poor | PM ₁₀ |
| | Bawana, Delhi - DPCC | 270 | Poor | PM _{2.5} |
| | Alipur, Delhi - DPCC | 266 | Poor | PM _{2.5} |
| Faridabad | Sector 11, Faridabad - HSPCB | 200 | Moderate | PM ₁₀ |
| Gurugram | Sector-51, Gurugram - HSPCB | 270 | Poor | PM _{2.5} |
| | Teri Gram, Gurugram - HSPCB | 231 | Poor | PM _{2.5} |
| Ghaziabad | Loni, Ghaziabad - UPPCB | 213 | Poor | PM _{2.5} |
| | Vasundhara, Ghaziabad - UPPCB | 201 | Poor | PM ₁₀ |
| Greater Noida | Knowledge Park - III, Greater Noida - UPPCB | 197 | Moderate | PM ₁₀ |
| Noida | Sector - 62, Noida - IMD | 197 | Moderate | PM _{2.5} |
| | Sector - 125, Noida - UPPCB | 196 | Moderate | PM ₁₀ |