



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – March 22, 2023



Current Air Quality Status:

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

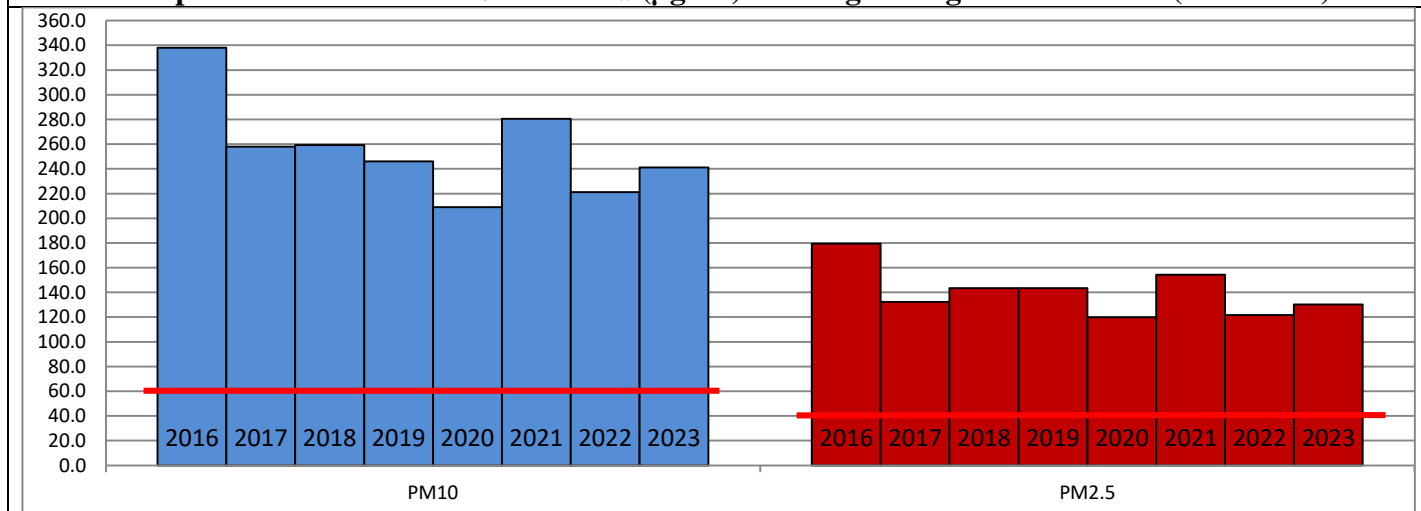
| | Air Quality | AQI Value | Prominent Pollutant |
|---------------|-------------|--|--------------------------------------|
| Delhi | Moderate | 164 ↑ | O ₃ , PM _{2.5} |
| Faridabad | Moderate | 117 ↓ | PM ₁₀ , PM _{2.5} |
| Ghaziabad | Moderate | 152 ↑ | O ₃ |
| Greater Noida | Moderate | 150 ↑ | PM ₁₀ |
| Gurugram | Moderate | 145 ↑ | PM _{2.5} |
| Noida | Moderate | 142 ↑ | PM _{2.5} |

*Data available for 35 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 22 March 2016-2023

| Category | Year | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | No. of days | 77 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | | | | | | | | |
| Good (0–50) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| Satisfactory (51–100) | | 0 | 0 | 0 | 1 | 5 | 0 | 3 | 1 | 6 | 13 | 20 | 26 | 29 | 9 | 26 | 27 |
| Moderate (101–200) | | 6 | 13 | 20 | 25 | 24 | 9 | 23 | 26 | | | | | | | | |
| Poor (201–300) | | 25 | 44 | 37 | 27 | 35 | 35 | 37 | 31 | | | | | | | | |
| Very Poor (301–400) | | 40 | 24 | 21 | 21 | 15 | 31 | 17 | 20 | 71 | 68 | 61 | 55 | 52 | 72 | 55 | 54 |
| Severe (>401) | | 6 | 0 | 3 | 7 | 2 | 6 | 1 | 3 | | | | | | | | |

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till Mar 21 (2016-2023)



Hotspots for Today:

*Details given overleaf

| | | | |
|-----------|---|---------------|------------------------|
| Delhi | R K Puram, Punjabi Bagh, Nehru Nagar, Anand Vihar, Dr. Karni Singh Shooting Range | Ghaziabad | Vasundhara |
| Faridabad | Sector-30, Sector-11 | Greater Noida | Knowledge Park-V |
| Gurugram | Sectro-51, Teri Gram | Noida | Sector-125, Sector-116 |

Air Quality Forecast by IITM (Delhi): AQI

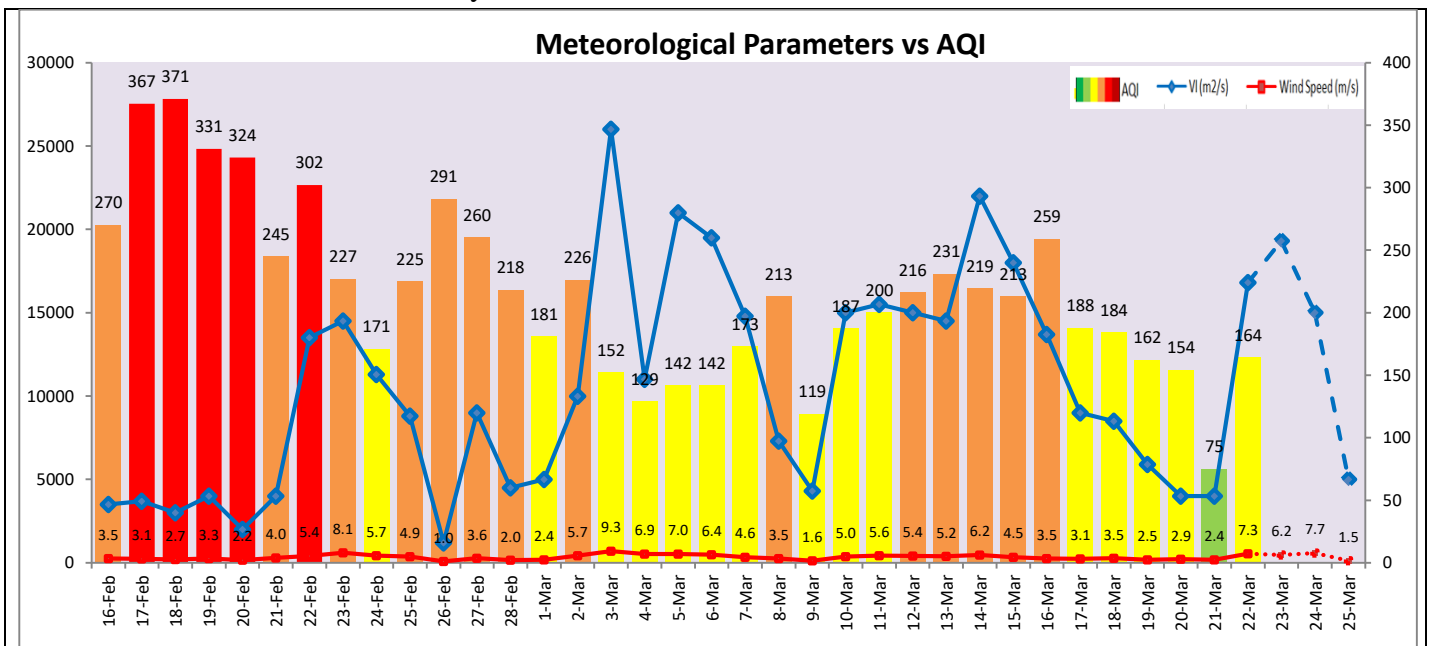
| | Mar 23, 2023 | | Mar 24, 2023- Mar 25, 2023 | |
|-------------------|--------------|----------|----------------------------|----------|
| | AQI | Category | AQI | Category |
| PM ₁₀ | 127 | Moderate | 142 | Moderate |
| PM _{2.5} | 145 | Moderate | 186 | Moderate |

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 23, 2023 | 04-16 | 08 | 19 | NW/NE | NW |
| Mar 24, 2023 | 10-25 | 14 | 31 | NE | E |
| Mar 25, 2023 | 10-12 | 02 | 06 | E/NE | SE |

IMD Alert for Tomorrow (23.03.2023):

The air quality is likely to deteriorate to Poor category on 23.03.2023. The predominant surface wind is likely to be coming from Northeast/Northwest direction in Delhi with wind speed 04 -16 kmph, and partly cloudy sky tomorrow. Ventilation index is likely to be 19,300 m²/s.



Hotspots for Today

| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
|---------------|--|-----------|-------------|---------------------|
| Delhi | R K Puram, Delhi - DPCC | 239 | Poor | O ₃ |
| | Dr. Karni Singh Shooting Range, Delhi - DPCC | 238 | Poor | O ₃ |
| | Punjabi Bagh, Delhi - DPCC | 228 | Poor | PM _{2.5} |
| | Nehru Nagar, Delhi - DPCC | 220 | Poor | PM _{2.5} |
| | Anand Vihar, Delhi - DPCC | 216 | Poor | PM _{2.5} |
| Faridabad | Sector 30, Faridabad - HSPCB | 126 | Moderate | PM _{2.5} |
| | Sector 11, Faridabad - HSPCB | 125 | Moderate | PM ₁₀ |
| Gurugram | Sector-51, Gurugram - HSPCB | 193 | Moderate | PM _{2.5} |
| | Teri Gram, Gurugram - HSPCB | 175 | Moderate | PM _{2.5} |
| Ghaziabad | Vasundhara, Ghaziabad - UPPCB | 157 | Moderate | O ₃ |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 163 | Moderate | PM ₁₀ |
| Noida | Sector - 125, Noida - UPPCB | 174 | Moderate | PM _{2.5} |
| | Sector-116, Noida - UPPCB | 145 | Moderate | PM _{2.5} |