



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – March 31, 2023



Current Air Quality Status:

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

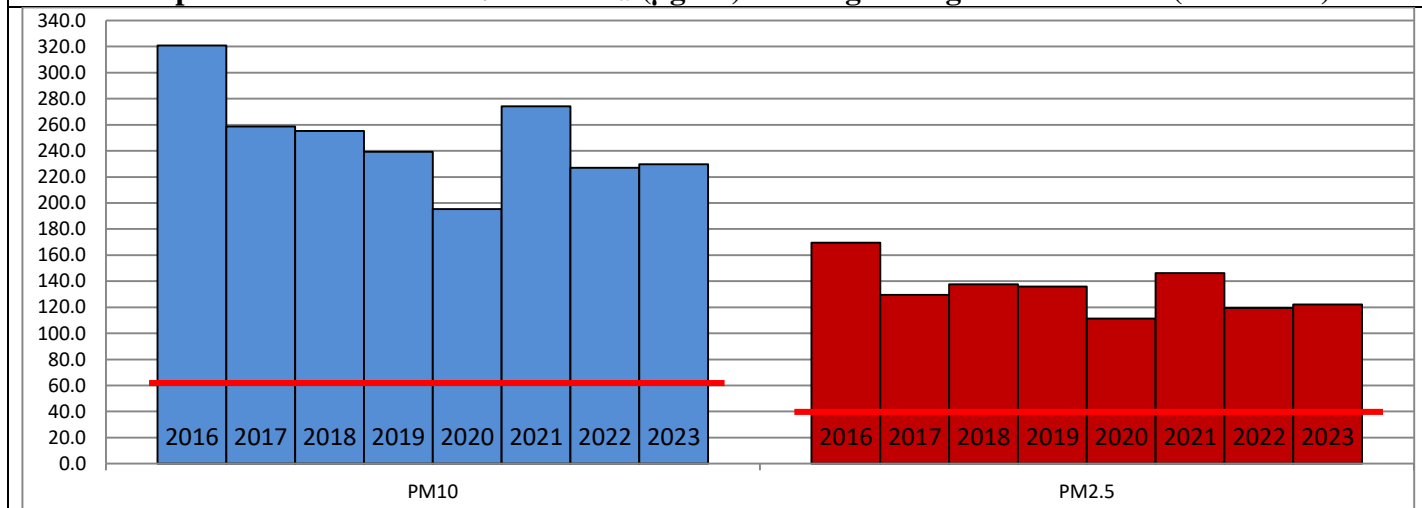
| | Air Quality | AQI Value | Prominent Pollutant |
|---------------|--------------|-----------|----------------------|
| Delhi | Satisfactory | 73 ↓ | CO, O ₃ |
| Faridabad | Moderate | 116 ↓ | PM ₁₀ |
| Ghaziabad | Satisfactory | 75 ↓ | CO, O ₃ |
| Greater Noida | Moderate | 130 ↓ | NO ₂ |
| Gurugram | Satisfactory | 66 ↓ | PM ₁₀ |
| Noida | Satisfactory | 82 ↓ | NO ₂ , CO |

*Data available for 37 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 31 March 2016-2023

| Category | Year | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | No. of days | 86 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | | | | | | | | |
| Good (0–50) | | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | | | | | | | | |
| Satisfactory (51–100) | | 0 | 0 | 0 | 1 | 11 | 0 | 3 | 3 | 8 | 16 | 24 | 32 | 38 | 13 | 27 | 35 |
| Moderate (101–200) | | 8 | 16 | 24 | 31 | 26 | 13 | 24 | 32 | | | | | | | | |
| Poor (201–300) | | 31 | 50 | 42 | 30 | 35 | 40 | 45 | 32 | | | | | | | | |
| Very Poor (301–400) | | 41 | 24 | 21 | 21 | 15 | 31 | 17 | 20 | 78 | 74 | 66 | 58 | 52 | 77 | 63 | 55 |
| Severe (>401) | | 6 | 0 | 3 | 7 | 2 | 6 | 1 | 3 | | | | | | | | |

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till Mar 30 (2016-2023)



Hotspots for Today:

*Details given overleaf

| | | | |
|-----------|--|---------------|------------|
| Delhi | Nehru Nagar, Anand Vihar, IGI Airport(T3), Sri Aurobindo Marg, North Campus-DU | Ghaziabad | - |
| Faridabad | - | Greater Noida | - |
| Gurugram | - | Noida | Sector-125 |

Air Quality Forecast by IITM (Delhi): AQI

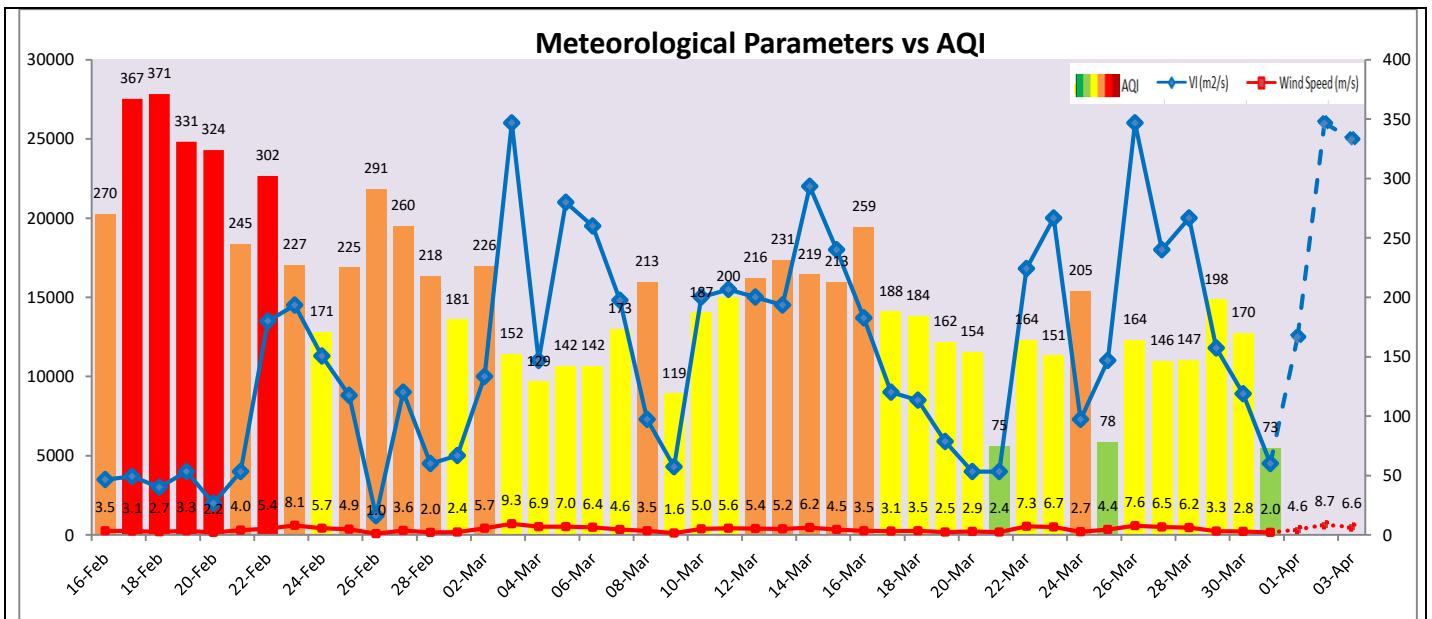
| | Apr 01, 2023 | | Apr 02, 2023- Apr 03, 2023 | |
|-------------------|--------------|--------------|----------------------------|--------------|
| | AQI | Category | AQI | Category |
| PM ₁₀ | 84 | Satisfactory | 97 | Satisfactory |
| PM _{2.5} | 80 | Satisfactory | 88 | Satisfactory |

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 |
| Apr 01, 2023 | 06-08 | 04 | 13 | VAR | W |
| Apr 02, 2023 | 10-22 | 11 | 25 | NW/N | W |
| Apr 03, 2023 | 10-18 | 08 | 16 | VAR | NW |

IMD Alert for Tomorrow (01.04.2023):

The air quality is likely to improve and reach in Satisfactory category on 01.04.2023. The predominant surface wind is likely to be coming from variable directions in Delhi with wind speed 06-08 kmph, generally cloudy sky and very light rain/ thundershowers at one or two places tomorrow. Ventilation index is likely to be 12,500 m²/s.



Hotspots for Today

| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
|-------|----------------------------------|-----------|-------------|---------------------|
| Delhi | Nehru Nagar, Delhi - DPCC | 171 | Moderate | O ₃ |
| | Sri Aurobindo Marg, Delhi - DPCC | 170 | Moderate | O ₃ |
| | IGI Airport (T3), Delhi - IMD | 134 | Moderate | CO |
| | Anand Vihar, Delhi - DPCC | 122 | Moderate | CO |
| | North Campus, DU, Delhi - IMD | 119 | Moderate | CO |
| Noida | Sector - 125, Noida - UPPCB | 160 | Moderate | NO ₂ |