



Central Pollution Control Board

Air Quality Status for Delhi &NCR

Dated – April 15, 2022



Current Air Quality Status:

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

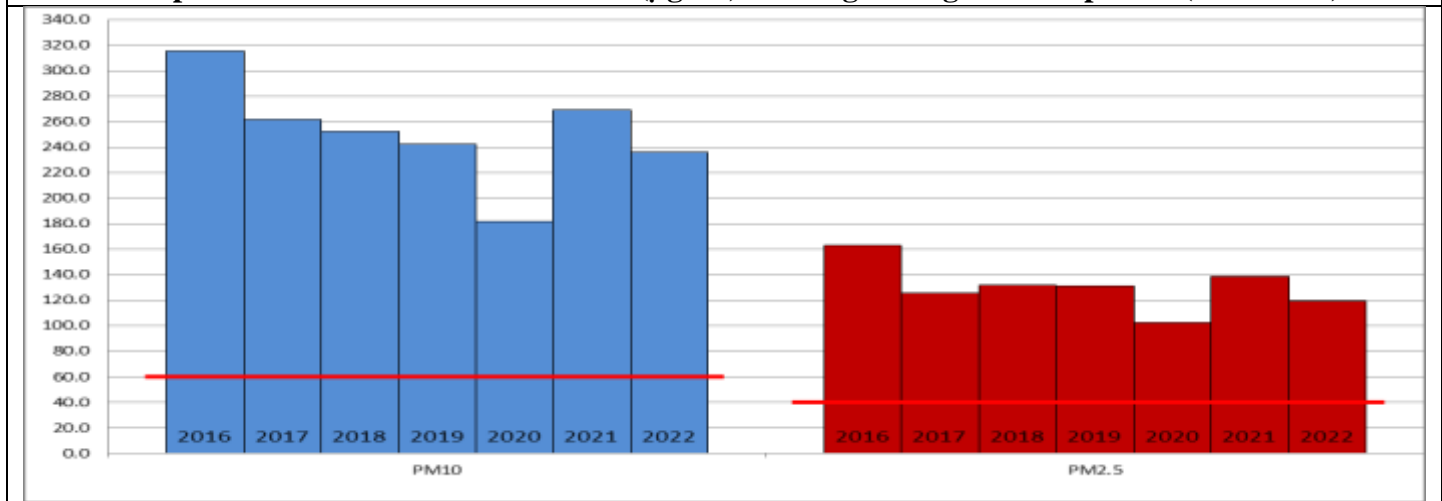
| | Air Quality | AQI Value | Prominent Pollutant |
|---------------|-------------|-----------|--------------------------------------|
| Delhi | Poor | 201 ↓ | PM ₁₀ , O ₃ |
| Faridabad | Poor | 279 ↑ | PM _{2.5} , PM ₁₀ |
| Ghaziabad | Moderate | 195 ↓ | PM ₁₀ |
| Greater Noida | Poor | 234 ↓ | PM ₁₀ |
| Gurugram | Poor | 249 ↑ | PM _{2.5} , PM ₁₀ |
| Noida | Poor | 231 ↓ | PM ₁₀ |

*Data available for 36 stations in Delhi today. # ↓ ↑ arrows indicate increase/decrease as compared to value on the previous day

■ Comparative status of AQI - Delhi from 01 January to 15 April 2016-2022

| Category | Year | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | No. of days | 102 | 105 | 105 | 105 | 106 | 105 | 105 | | | | | | | |
| Good (0–50) | | 0 | 0 | 0 | 0 | 1 | 0 | 0 | | | | | | | |
| Satisfactory (51–100) | | 0 | 0 | 1 | 1 | 19 | 0 | 3 | 8 | 25 | 31 | 39 | 54 | 22 | 27 |
| Moderate (101–200) | | 8 | 25 | 30 | 38 | 34 | 22 | 24 | | | | | | | |
| Poor (201–300) | | 45 | 53 | 50 | 37 | 35 | 46 | 60 | | | | | | | |
| Very Poor (301–400) | | 43 | 27 | 21 | 22 | 15 | 31 | 17 | 94 | 80 | 74 | 66 | 52 | 83 | 78 |
| Severe (>401) | | 6 | 0 | 3 | 7 | 2 | 6 | 1 | | | | | | | |

Comparative status of PM_{2.5} and PM₁₀ (µg/m³) running average – Till April 12 (2016-2022)



■ Hotspots for Today:

*Details given overleaf

| | | | |
|-----------|--|---------------|------------------------|
| Delhi | Mundka, Anand Vihar, Okhla Phase-2, Chandni Chowk, NSIT Dwarka | Gurugram | Teri Gram, Vikas Sadan |
| Faridabad | Sector-11, New Industrial Town | Greater Noida | - |
| Ghaziabad | Vasundhara, Sanjay Nagar | Noida | Sector-1, Sector-125 |

■ Forecast by IITM:

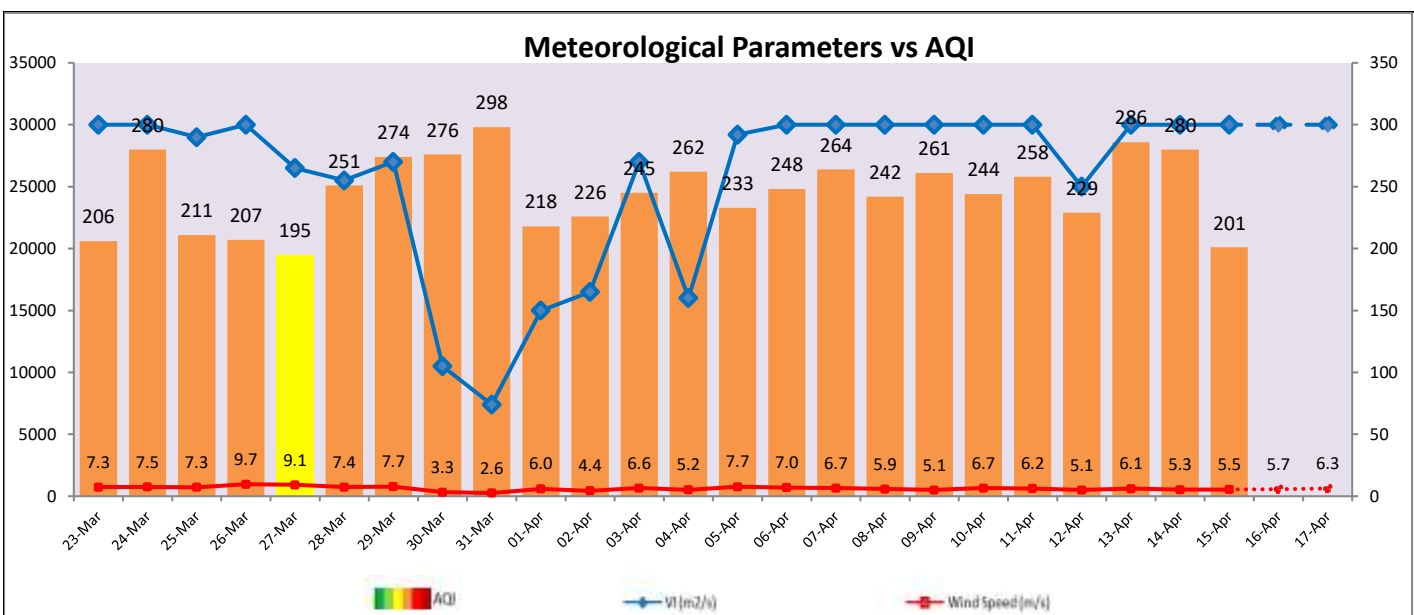
| Parameters | April 16, 2022 | | April 17, 2022- April 18, 2022 | |
|-------------------|----------------|--------------|--------------------------------|--------------|
| | Concentration | AQI Category | Concentration | AQI Category |
| PM ₁₀ | 217 | Moderate | 257 | Poor |
| PM _{2.5} | 74 | Moderate | 88 | 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 (at 17:30 hrs.) | As per windy.com (at 16:00 hrs.) | As per windy.com (at 16:00hrs) | As per IMD (at 17:30hrs.) | As per windy.com at 900m |
| April 16, 2022 | 08 | 12 | 22 | NW | NW |
| April 17, 2022 | 08 | 12 | 24 | N | W |
| April 18, 2022 | 10 | 11 | 23 | NW | NW |

IMD Alert for Tomorrow (16.04.2022):

The air quality is likely to remain in Poor category on 16.04.2022 and 17.04.2022. The predominant surface wind is likely to be coming from Northwest direction of Delhi with wind speed 08- 16 kmph and mainly clear sky tomorrow. Ventilation index is likely to be more than 30,000 m² /s tomorrow.



Hotspots for Today

| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
|-----------|--|-----------|-------------|---------------------|
| Delhi | Anand Vihar, Delhi - DPCC | 259 | Poor | PM ₁₀ |
| | Okhla Phase-2, Delhi - DPCC | 258 | Poor | PM ₁₀ |
| | NSIT Dwarka, Delhi - CPCB | 247 | Poor | PM _{2.5} |
| | Chandni Chowk, Delhi - IITM | 244 | Poor | PM ₁₀ |
| | Mundka, Delhi - DPCC | 244 | Poor | PM ₁₀ |
| Faridabad | Sector 11, Faridabad - HSPCB | 308 | Very Poor | PM _{2.5} |
| | New Industrial Town, Faridabad - HSPCB | 307 | Very Poor | PM ₁₀ |
| Gurugram | Teri Gram, Gurugram - HSPCB | 258 | Poor | PM ₁₀ |
| | Vikas Sadan, Gurugram - HSPCB | 247 | Poor | PM _{2.5} |
| Ghaziabad | Vasundhara, Ghaziabad - UPPCB | 225 | Poor | PM ₁₀ |
| | Sanjay Nagar, Ghaziabad - UPPCB | 202 | Poor | PM ₁₀ |
| Noida | Sector - 125, Noida - UPPCB | 249 | Poor | PM ₁₀ |
| | Sector-1, Noida - UPPCB | 245 | Poor | PM ₁₀ |