



Central Pollution Control Board

Air Quality Status for Delhi &NCR

Dated – February 20, 2022



Current Air Quality Status:

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

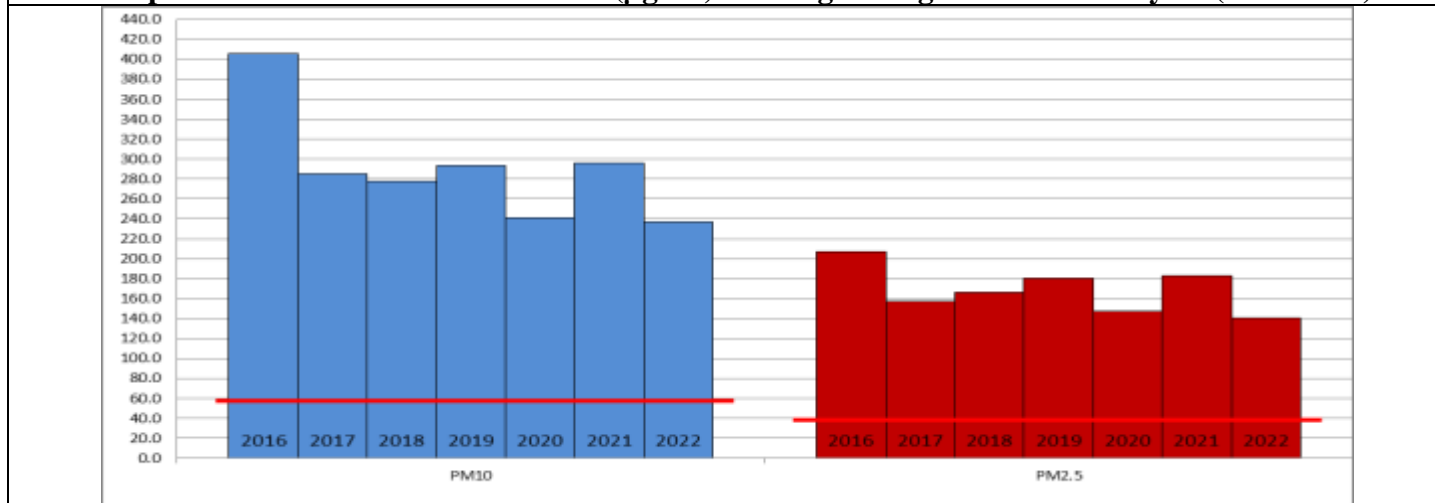
| | Air Quality | AQI Value | Prominent Pollutant |
|---------------|-------------|-----------|--------------------------------------|
| Delhi | Moderate | 173↓ | PM ₁₀ , PM _{2.5} |
| Faridabad | Moderate | 179↓ | PM _{2.5} , O ₃ |
| Ghaziabad | Moderate | 192↓ | PM ₁₀ , PM _{2.5} |
| Greater Noida | Moderate | 130↓ | PM ₁₀ |
| Gurugram | Poor | 201↑ | PM ₁₀ , PM _{2.5} |
| Noida | Moderate | 142↓ | PM ₁₀ , PM _{2.5} |

*Data available for 34 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 20 February 2016-2022

| Category | Year | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|-----------------------|------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | No. of days | | | | | | | | | | | | | |
| Good (0–50) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Satisfactory (51–100) | | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 3 | 4 | 5 | 5 | 4 | 11 |
| Moderate (101–200) | | 0 | 3 | 4 | 5 | 5 | 4 | 9 | | | | | | | |
| Poor (201–300) | | 11 | 24 | 23 | 18 | 29 | 12 | 23 | | | | | | | |
| Very Poor (301–400) | | 34 | 24 | 21 | 21 | 15 | 29 | 16 | 51 | 48 | 47 | 46 | 46 | 47 | 40 |
| Severe (>401) | | 6 | 0 | 3 | 7 | 2 | 6 | 1 | | | | | | | |

Comparative status of PM_{2.5} and PM₁₀ (µg/m³) running average – Till February 19 (2016-2022)



Hotspots for Today:

*Details given overleaf

| | | | |
|-----------|---|---------------|--------------------------|
| Delhi | Anand Vihar, NSIT Dwarka, Lodhi Road, Mundka, Nehru Nagar | Gurugram | Teri Gram, Sector-51 |
| Faridabad | New Industrial Town, Sector-11 | Greater Noida | Knowledge Park – V |
| Ghaziabad | Sanjay Nagar, Loni | Noida | Sector -62, Sector - 125 |

Forecast by IITM:

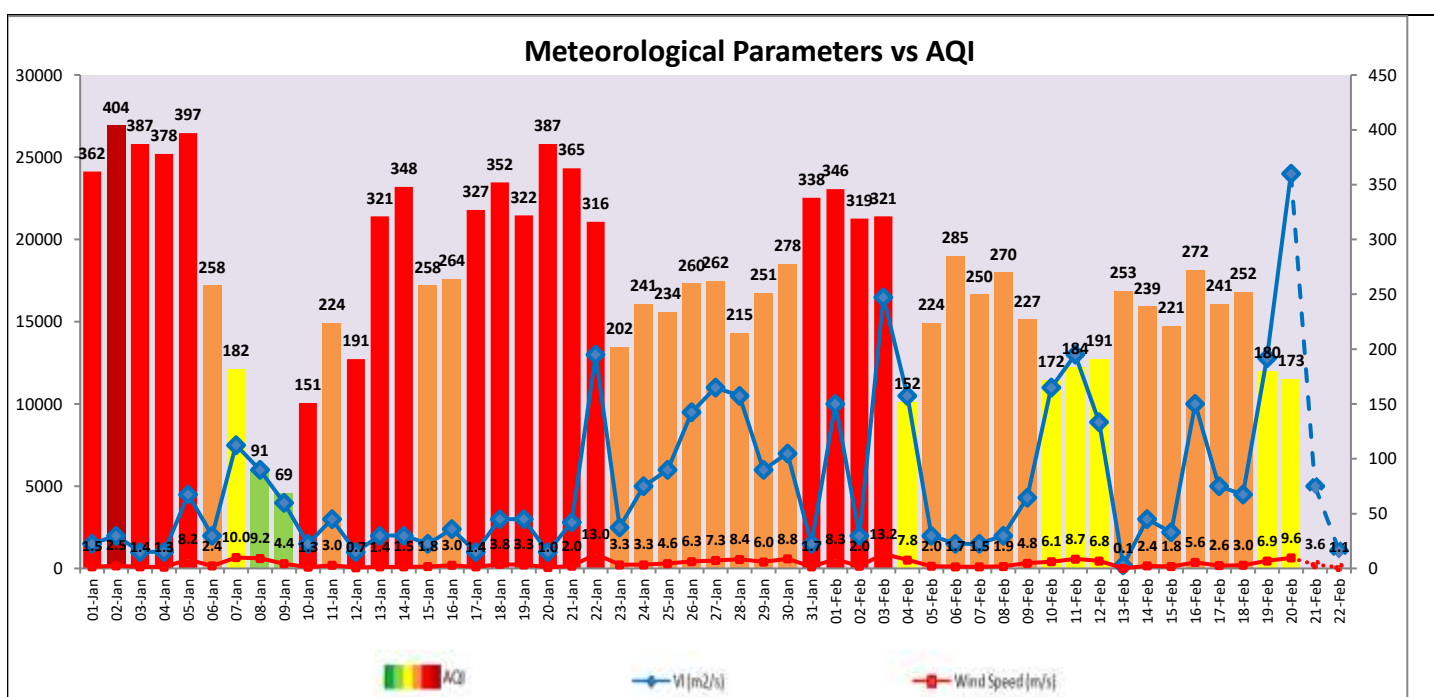
| Parameters | February 21, 2022 | | February 22, 2022- February 23, 2022 | |
|-------------------|-------------------|--------------|--------------------------------------|--------------|
| | Concentration | AQI Category | Concentration | AQI Category |
| PM ₁₀ | 138 | Moderate | 199 | Moderate |
| PM _{2.5} | 68 | Moderate | 98 | 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 (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 |
| February 21, 2022 | 08 | 07 | 23 | NE | W |
| February 22, 2022 | 22 | 25 | 55 | ESE | SE |
| February 23, 2022 | 12 | 05 | 03 | E | S |

IMD Alert for Tomorrow (21.02.2022):

The air quality over Delhi-NCT is likely to remain in Moderate category on 21.02.2022. The predominant surface wind is likely to be coming from Northwest direction of Delhi with wind speed up to 08 kmph, mainly clear sky and mist in the morning tomorrow. The ventilation index is likely to be 5,000 m²/s.



Hotspots for Today

| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi | NSIT Dwarka, Delhi - CPCB | 312 | Very Poor | PM _{2.5} |
| | Nehru Nagar, Delhi - DPCC | 228 | Poor | PM _{2.5} |
| | Lodhi Road, Delhi - IITM | 227 | Poor | PM _{2.5} |
| | Anand Vihar, Delhi - DPCC | 219 | Poor | PM ₁₀ |
| | Mundka, Delhi - DPCC | 215 | Poor | PM _{2.5} |
| Faridabad | Sector 11, Faridabad - HSPCB | 221 | Poor | PM _{2.5} |
| | New Industrial Town, Faridabad - HSPCB | 201 | Poor | PM _{2.5} |
| Gurugram | Teri Gram, Gurugram - HSPCB | 298 | Poor | PM _{2.5} |
| | Sector-51, Gurugram - HSPCB | 233 | Poor | PM _{2.5} |
| Ghaziabad | Loni, Ghaziabad - UPPCB | 234 | Poor | PM _{2.5} |
| | Sanjay Nagar, Ghaziabad - UPPCB | 193 | Moderate | PM ₁₀ |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 139 | Moderate | PM ₁₀ |
| Noida | Sector - 125, Noida - UPPCB | 164 | Moderate | PM _{2.5} |
| | Sector - 62, Noida - IMD | 144 | Moderate | PM ₁₀ |