



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 12, 2024



Current Air Quality Status:

Air Quality Index (AQI) (Average of past 24 hours at 4 PM) in comparison with last two years

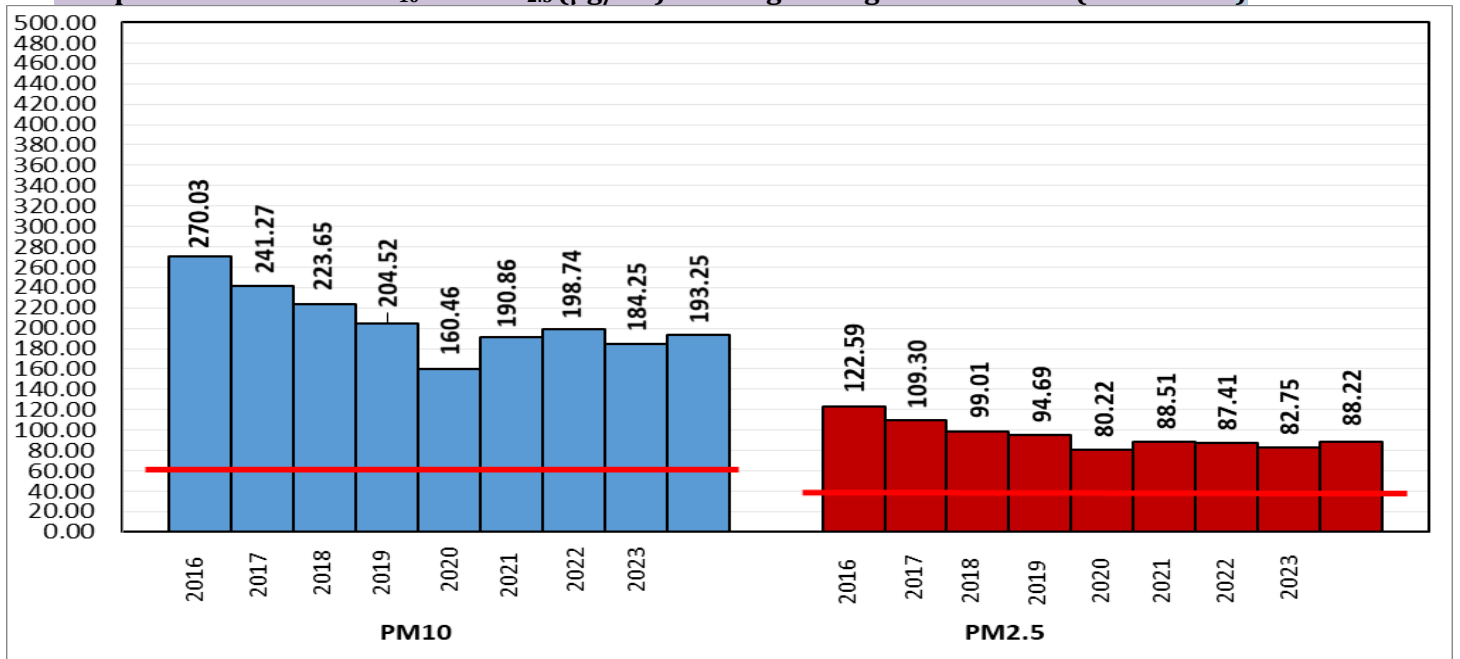
| | 2024 | | | 2023 | | | 2022 | | |
|---------------|-------------|-----------|--------------------------------------|-------------|-----------|--------------------------------------|-------------|-----------|--------------------------------------|
| | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant |
| Delhi | Very Poor | 334↓ | PM ₁₀ | Poor | 218↓ | PM ₁₀ , PM _{2.5} | Very Poor | 303↓ | PM _{2.5} |
| Faridabad | Moderate | 198↑ | PM _{2.5} | Moderate | 172↑ | PM _{2.5} | Poor | 274↓ | PM _{2.5} |
| Ghaziabad | Poor | 245↓ | PM _{2.5} | Moderate | 186↑ | PM _{2.5} | Poor | 236↓ | PM _{2.5} |
| Greater Noida | Poor | 277↓ | PM ₁₀ , PM _{2.5} | Moderate | 165↑ | PM _{2.5} , O ₃ | Poor | 240↓ | PM ₁₀ |
| Gurugram | Poor | 219↓ | PM _{2.5} | Moderate | 193↓ | PM _{2.5} | Poor | 286↓ | PM _{2.5} , PM ₁₀ |
| Noida | Poor | 222↓ | PM ₁₀ , PM _{2.5} | Moderate | 189↑ | PM _{2.5} | Poor | 233↓ | PM _{2.5} |

*Data available for 39(2024), 36(2023), 37(2022) 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 12 Nov 2016-2024

| Category | Year | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| | No. of days | 305 | 316 | 316 | 316 | 317 | 316 | 316 | 316 | 317 | | | | | | | | | | |
| Good (0–50) | | 0 | 2 | 0 | 2 | 5 | 1 | 3 | 1 | 0 | | | | | | | | | | |
| Satisfactory (51–100) | | 23 | 45 | 53 | 57 | 95 | 72 | 65 | 60 | 66 | 110 | 149 | 158 | 175 | 224 | 197 | 160 | 206 | 201 | |
| Moderate (101–200) | | 87 | 102 | 105 | 116 | 124 | 124 | 92 | 145 | 135 | | | | | | | | | | |
| Poor (201–300) | | 116 | 104 | 105 | 90 | 56 | 68 | 117 | 72 | 60 | | | | | | | | | | |
| Very Poor (301–400) | | 63 | 59 | 44 | 38 | 29 | 39 | 35 | 29 | 53 | 195 | 167 | 158 | 141 | 93 | 119 | 156 | 110 | 116 | |
| Severe (>401) | | 16 | 4 | 9 | 13 | 8 | 12 | 4 | 9 | 3 | | | | | | | | | | |

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Nov 11 (2016-2024)



*Red line shows the annual average concentration standards for PM₁₀ and PM_{2.5}.

Daily Average of Particulates in Delhi (24 hourly average value; from 06:00am of 11.11.24 to 06:00 am of 12.11.24)

| Date ↓ / parameter → | PM _{2.5} (µg/m ³) | PM ₁₀ (µg/m ³) |
|----------------------|--|---------------------------------------|
| 11-Nov-2024 | 197↑ | 357↑ |

Hotspots for Today: *Details given below

| | | | |
|-----------|---|---------------|-------------------------|
| Delhi | Anand Vihar, Jahangirpuri, Wazirpur, Rohini, Mundka | Ghaziabad | Vasundhara, Loni |
| Faridabad | New Industrial Town, Sector- 16A | Greater Noida | Knowledge Park - V |
| Gurugram | Vikas Sadan | Noida | Sector - 62, Sector-116 |

Forecast by IITM(Delhi):

| | | | |
|---------------------|--------------|--------------|--------------|
| | Nov 13, 2024 | Nov 14, 2024 | Nov 15, 2024 |
| AQI Category | Very Poor | Very Poor | Very 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 |
| Nov 13, 2024 | 02-08 | 09 | 20 | VAR | NW |
| Nov 14, 2024 | 02-08 | 07 | 14 | S/NW | NW |
| Nov 15, 2024 | 08-16 | 09 | 25 | NW | NW |

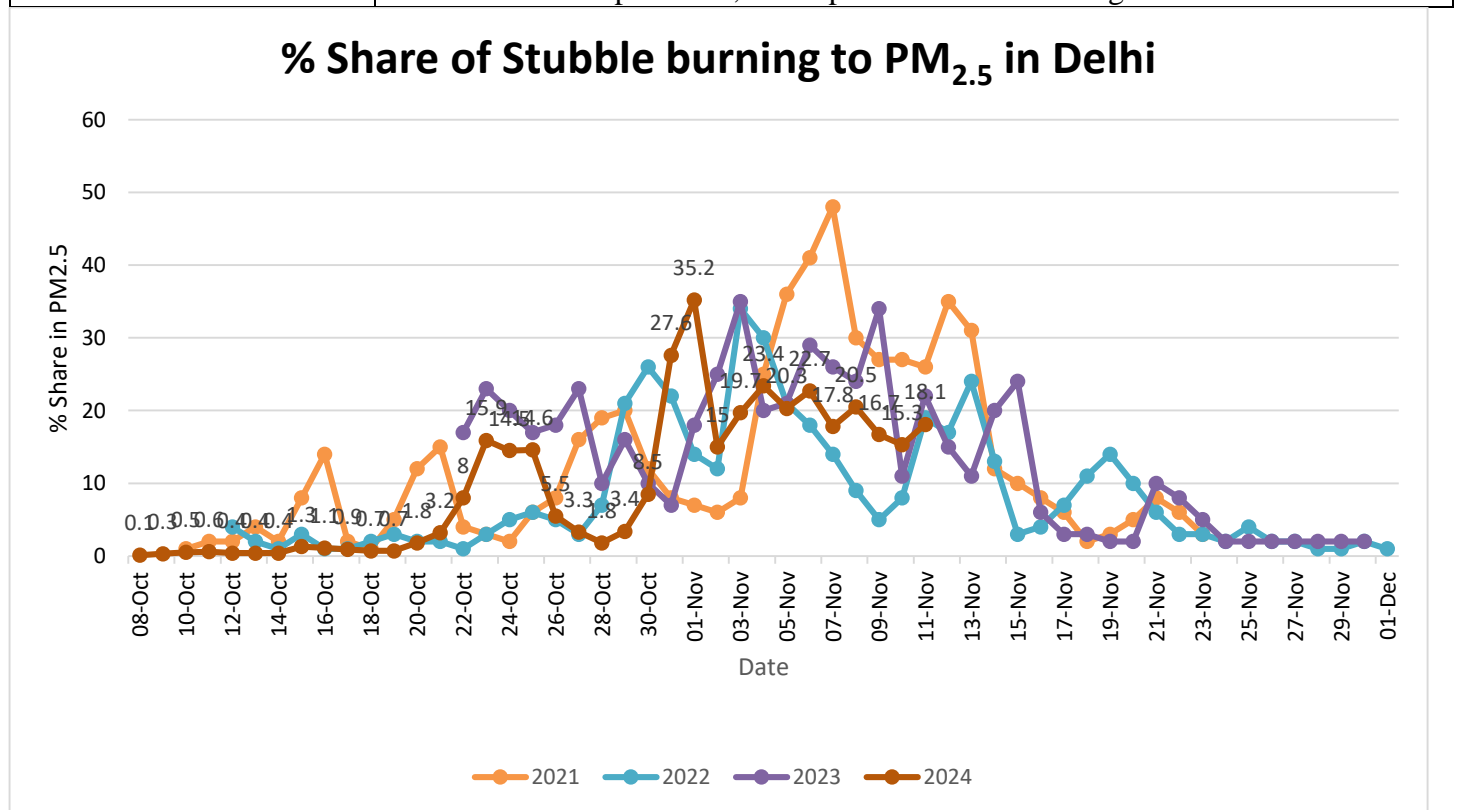
IMD Alert for Tomorrow (13.11.2024):

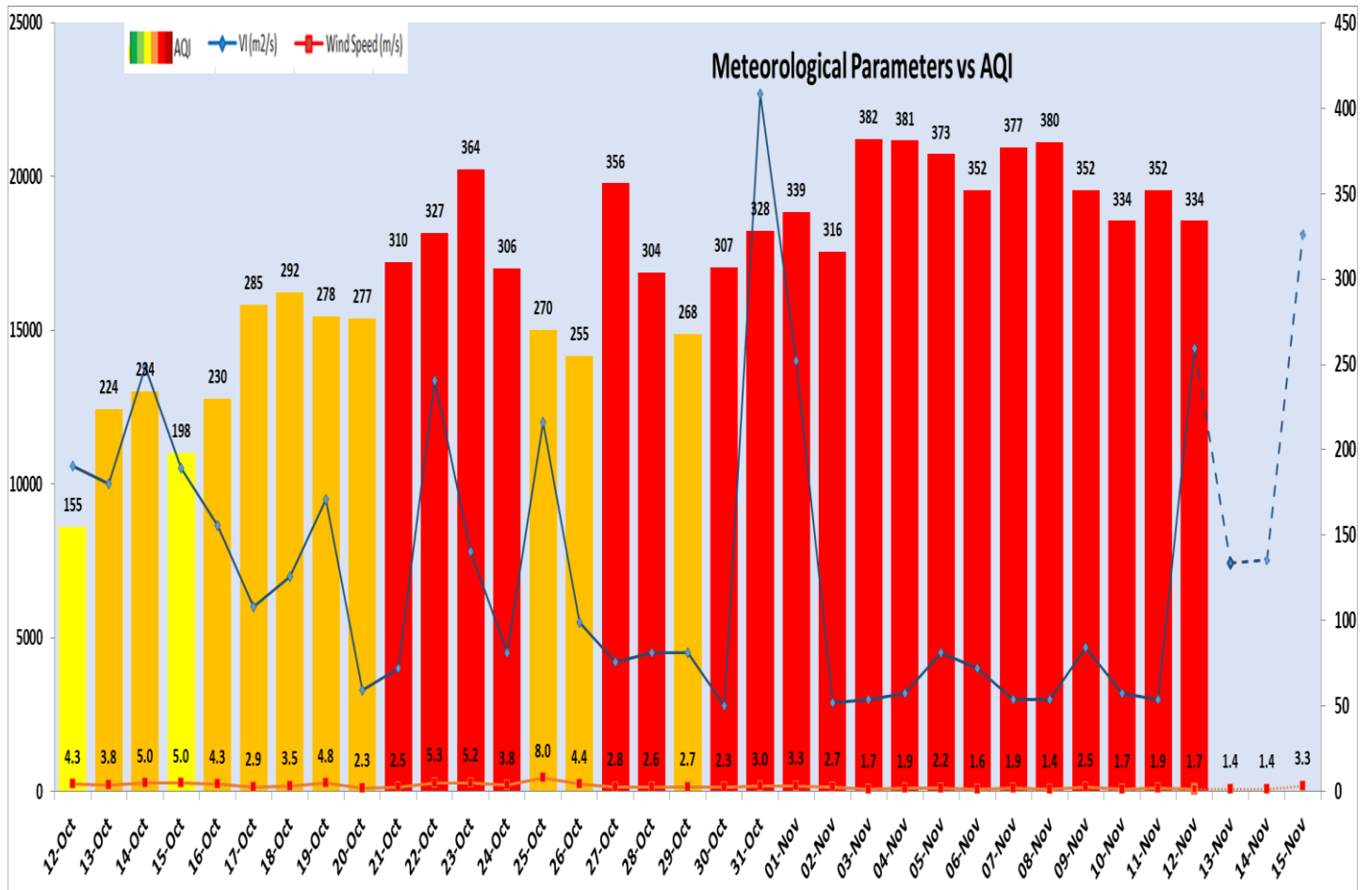
The air quality is likely to be in Very Poor category from 13.11.2024 to 15.11.2024. The predominant surface wind is likely to be coming from variable direction in Delhi with wind speed 02-08 kmph, smog/mist/ shallow to moderate fog at few places likely in the morning, smog/mist is likely in the evening/night and mainly clear sky on 13.11.2024. Ventilation index is likely to be 7420 m²/s.

Active Fire Events (AFE):

| Date | Punjab | | Haryana | |
|------------|-----------------------|------------------------------|-----------------------|------------------------------|
| | No. of AFE on the day | Total AFE since September 15 | No. of AFE on the day | Total AFE since September 15 |
| 11.11.2024 | 418 | 7029 | 27 | 1008 |
| 11.11.2023 | 104 | 23730 | 27 | 1703 |
| 11.11.2022 | 3916 | 40677 | 152 | 2880 |

% Share of Stubble burning to PM_{2.5} in Delhi
 11.11.2024 *As per IITM, the impact of stubble burning is ~ 18.1 %





| Delhi Temperature in (°C) | | |
|---------------------------|---------|---------|
| Date | Minimum | Maximum |
| 09-11-2024 | 18.3 | 31.7 |
| 10-11-2024 | 18.4 | 32.5 |
| 11-11-2024 | 17.2 | 31.6 |
| 12-11-2024 | 17.9 | 32.4 |

* Source – IMD (08:30 hrs.)

| *Hotspots for Today | | | | |
|---------------------|---|-----------|-------------|---------------------|
| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
| Delhi | Anand Vihar, Delhi - DPCC | 405 | Severe | PM ₁₀ |
| | Jahangirpuri, Delhi - DPCC | 387 | Very Poor | PM ₁₀ |
| | Wazirpur, Delhi - DPCC | 384 | Very Poor | PM ₁₀ |
| | Rohini, Delhi - DPCC | 376 | Very Poor | PM _{2.5} |
| | Mundka, Delhi - DPCC | 372 | Very Poor | PM _{2.5} |
| Faridabad | New Industrial Town, Faridabad - HSPCB | 282 | Poor | PM _{2.5} |
| | Sector- 16A, Faridabad - HSPCB | 245 | Poor | PM _{2.5} |
| Gurugram | Vikas Sadan, Gurugram - HSPCB | 267 | Poor | PM _{2.5} |
| Ghaziabad | Vasundhara, Ghaziabad - UPPCB | 300 | Poor | PM _{2.5} |
| | Loni, Ghaziabad - UPPCB | 269 | Poor | PM _{2.5} |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 278 | Poor | PM ₁₀ |
| Noida | Sector - 62, Noida - IMD | 284 | Poor | PM _{2.5} |
| | Sector-116, Noida - UPPCB | 243 | Poor | PM _{2.5} |