



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 26, 2024



Current Air Quality Status:

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

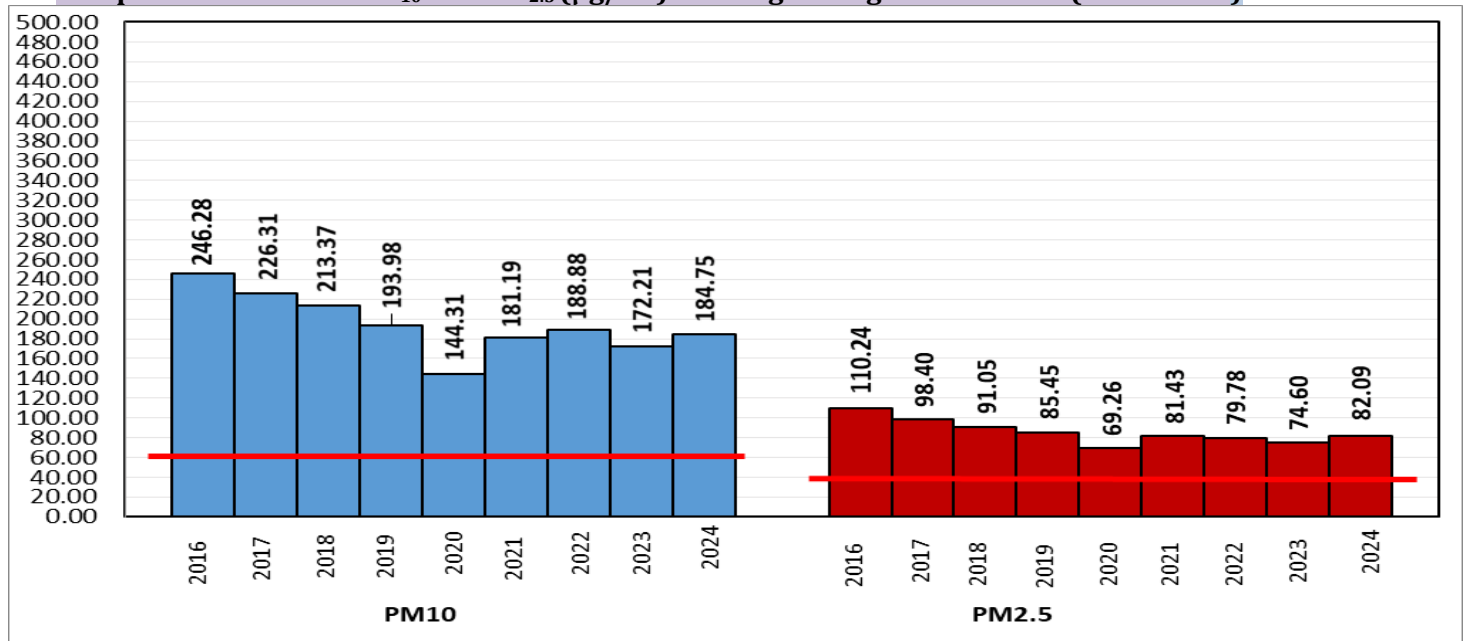
| | 2024 | | | 2023 | | | 2022 | | |
|---------------|-------------|-----------|--------------------------------------|-------------|-----------|--------------------------------------|-------------|-----------|--------------------------------------|
| | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant |
| Delhi | Poor | 255↓ | PM ₁₀ , O ₃ | Poor | 256↑ | PM ₁₀ , PM _{2.5} | Poor | 270↓ | PM ₁₀ , PM _{2.5} |
| Faridabad | Moderate | 170↑ | PM _{2.5} , O ₃ | Poor | 254↓ | PM _{2.5} | Poor | 250↓ | PM ₁₀ , PM _{2.5} |
| Ghaziabad | Poor | 256↑ | PM _{2.5} | Poor | 235↑ | PM _{2.5} , O ₃ | Poor | 276↑ | PM ₁₀ , PM _{2.5} |
| Greater Noida | Poor | 232↑ | PM ₁₀ | Poor | 260↓ | PM _{2.5} | Poor | 215↓ | PM _{2.5} |
| Gurugram | Moderate | 146↓ | PM _{2.5} , PM ₁₀ | Poor | 230↑ | PM _{2.5} | Poor | 242↓ | PM _{2.5} |
| Noida | Poor | 209↓ | PM _{2.5} | Moderate | 191↓ | PM ₁₀ | Poor | 262↓ | PM ₁₀ , PM _{2.5} |

*Data available for 35(2024), 34(2023), 33(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 26 Oct 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 | 288 | 299 | 299 | 299 | 300 | 299 | 299 | 299 | 300 | | | | | | | | | | |
| 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 | 157 | 175 | 224 | 197 | 160 | 206 | 201 | |
| Moderate (101–200) | | 87 | 102 | 104 | 116 | 124 | 124 | 92 | 145 | 135 | | | | | | | | | | |
| Poor (201–300) | | 115 | 103 | 103 | 87 | 54 | 62 | 115 | 68 | 59 | | | | | | | | | | |
| Very Poor (301–400) | | 56 | 46 | 33 | 30 | 20 | 34 | 23 | 22 | 37 | 178 | 150 | 142 | 124 | 76 | 102 | 139 | 93 | 99 | |
| Severe (>401) | | 7 | 1 | 6 | 7 | 2 | 6 | 1 | 3 | 3 | | | | | | | | | | |

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Oct 25 (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 25.10.24 to 06:00 am of 26.10.24)

| Date ↓ / parameter → | PM _{2.5} (µg/m ³) | PM ₁₀ (µg/m ³) |
|----------------------|----------------------------------------|---------------------------------------|
| 25-Oct -2024 | 110↓ | 252↓ |

Hotspots for Today: *Details given below

| | | | |
|-----------|---------------------------------------------------------|---------------|----------------------|
| Delhi | Anand Vihar, Jahangirpuri, Punjabi Bagh, Alipur, Mundka | Ghaziabad | Loni, Indirapuram |
| Faridabad | New Industrial Town | Greater Noida | Knowledge Park – III |
| Gurugram | Teri Gram | Noida | Sector – 62 |

Forecast by IITM(Delhi):

| | | | |
|---------------------|--------------|--------------|--------------|
| | Oct 27, 2024 | Oct 28, 2024 | Oct 29, 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 |
| Oct 27, 2024 | 10-06 | 03 | 02 | NW/E | NE |
| Oct 28, 2024 | 12-08 | 06 | 07 | SE | S |
| Oct 29, 2024 | 08-04 | 02 | 09 | S/SE | W |

IMD Alert for Tomorrow (27.10.2024):

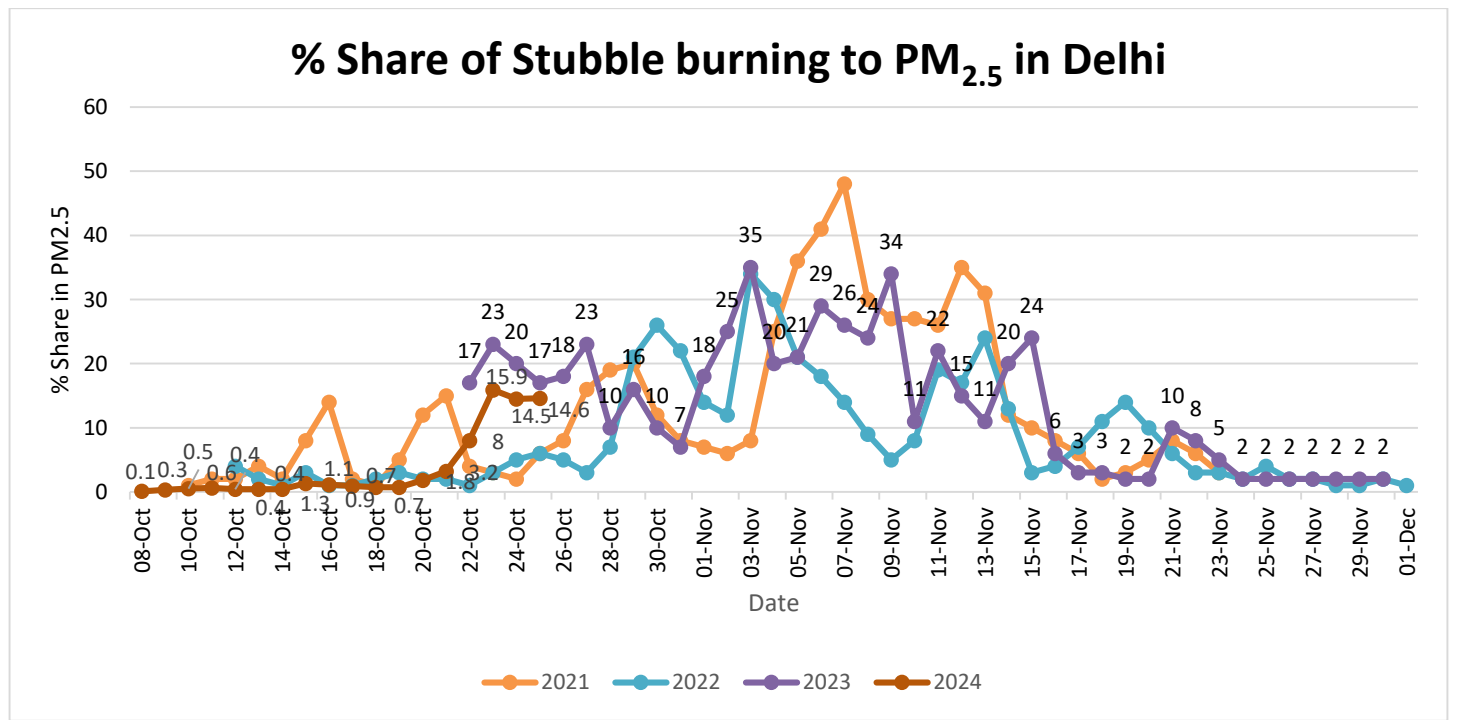
The air quality is likely to be in Very Poor category from 27.10.2024 to 29.10.2024. The predominant surface wind is likely to be coming from Northwest/East direction in Delhi with wind speed 10-06 kmph and mainly clear sky on 27.10.2024. Ventilation index is likely to be 3000 m²/s.

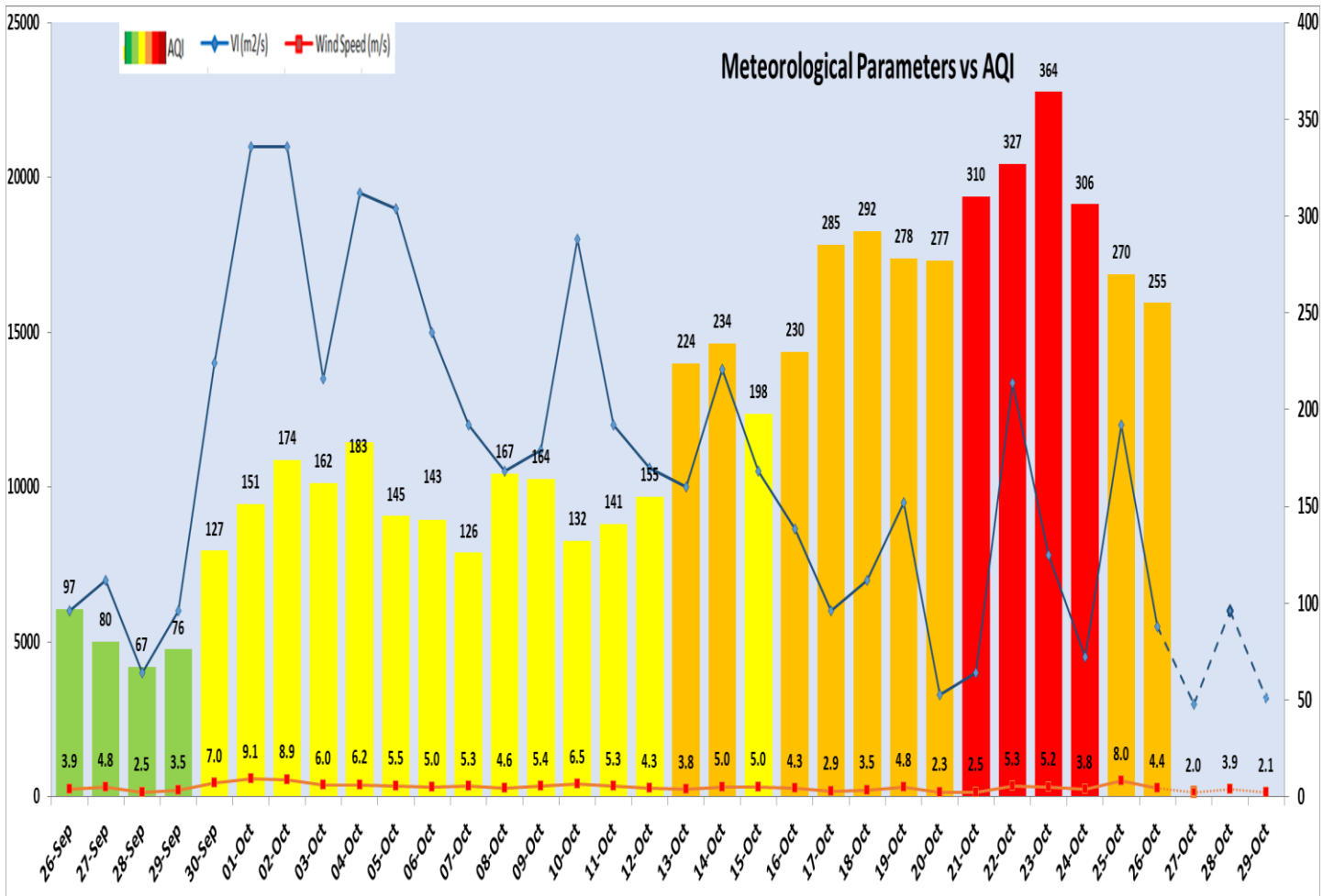
Active Fire Events (AFE):

| 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 |
| 25.10.2024 | 71 | 1749 | 03 | 689 |
| 25.10.2023 | 398 | 2704 | 58 | 871 |
| 25.10.2022 | 181 | 5798 | 12 | 1372 |

% Share of Stubble burning to PM_{2.5} in Delhi

| | |
|------------|---------------------------------------------------------|
| 25.10.2024 | *As per IITM, the impact of stubble burning is ~ 14.6 % |
|------------|---------------------------------------------------------|





| Delhi Temperature in (°C) | | |
|---------------------------|---------|---------|
| Date | Minimum | Maximum |
| 23-10-2024 | 20.5 | 34.0 |
| 24-10-2024 | 20.7 | 33.1 |
| 25-10-2024 | 19.2 | 34.0 |
| 26-10-2024 | 18.6 | 34.0 |

| *Hotspots for Today | | | | |
|---------------------|---------------------------------------------|-----------|-------------|---------------------|
| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
| Delhi | Anand Vihar, Delhi - DPCC | 370 | Very Poor | PM ₁₀ |
| | Jahangirpuri, Delhi - DPCC | 314 | Very Poor | PM ₁₀ |
| | Punjabi Bagh, Delhi - DPCC | 308 | Very Poor | Ozone |
| | Alipur, Delhi - DPCC | 301 | Very Poor | PM _{2.5} |
| | Mundka, Delhi - DPCC | 300 | Poor | PM ₁₀ |
| Faridabad | New Industrial Town, Faridabad - HSPCB | 307 | Very Poor | Ozone |
| Gurugram | Teri Gram, Gurugram - HSPCB | 189 | Moderate | PM _{2.5} |
| Ghaziabad | Loni, Ghaziabad - UPPCB | 292 | Poor | PM _{2.5} |
| | Indirapuram, Ghaziabad - UPPCB | 290 | Poor | PM _{2.5} |
| Greater Noida | Knowledge Park - III, Greater Noida - UPPCB | 237 | Poor | PM ₁₀ |
| Noida | Sector - 62, Noida - IMD | 240 | Poor | PM _{2.5} |