



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 26, 2024



Current Air Quality Status:

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

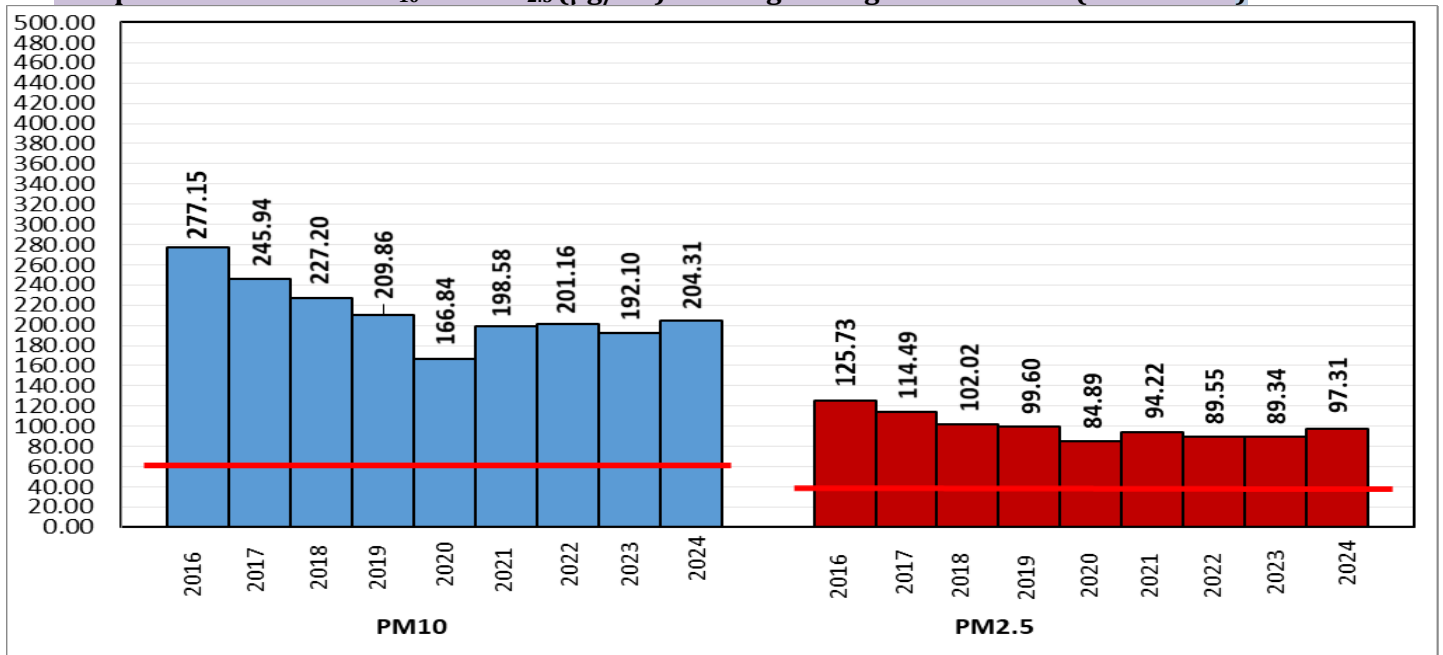
| | 2024 | | | 2023 | | | 2022 | | |
|---------------|-------------|-----------|--------------------------------------|-------------|-----------|--------------------------------------|-------------|-----------|--------------------------------------|
| | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant |
| Delhi | Very Poor | 343↓ | PM _{2.5} | Very Poor | 396↑ | PM _{2.5} | Very Poor | 336↑ | PM _{2.5} |
| Faridabad | Poor | 215↓ | PM _{2.5} | Very Poor | 370↓ | PM _{2.5} , PM ₁₀ | Poor | 294↓ | PM _{2.5} |
| Ghaziabad | Poor | 238↓ | PM _{2.5} | Very Poor | 346↓ | PM _{2.5} | Poor | 284↓ | PM ₁₀ |
| Greater Noida | Poor | 234↓ | PM _{2.5} , PM ₁₀ | Very Poor | 382↑ | PM _{2.5} | Very Poor | 329↓ | PM ₁₀ , PM _{2.5} |
| Gurugram | Poor | 289↓ | PM _{2.5} | Poor | 289↓ | PM _{2.5} | Poor | 283↑ | PM _{2.5} |
| Noida | Poor | 223↓ | PM _{2.5} | Very Poor | 356↓ | PM _{2.5} | Poor | 286↑ | PM _{2.5} |

*Data available for 39(2024), 38(2023), 36(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 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 | 319 | 330 | 330 | 330 | 331 | 330 | 330 | 330 | 331 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | |
| 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 | 225 | 197 | 160 | 206 | 201 | |
| Moderate (101–200) | | 87 | 102 | 105 | 116 | 125 | 124 | 92 | 145 | 135 | | | | | | | | | | |
| Poor (201–300) | | 116 | 106 | 110 | 96 | 63 | 69 | 127 | 72 | 60 | | | | | | | | | | |
| Very Poor (301–400) | | 75 | 67 | 50 | 43 | 32 | 49 | 39 | 40 | 59 | 209 | 181 | 172 | 155 | 106 | 133 | 170 | 124 | 130 | |
| Severe (>401) | | 18 | 8 | 12 | 16 | 11 | 15 | 4 | 12 | 11 | | | | | | | | | | |

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Nov 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 25.11.24 to 06:00 am of 26.11.24)

| Date ↓ / parameter → | PM _{2.5} (µg/m ³) | PM ₁₀ (µg/m ³) |
|----------------------|--|---------------------------------------|
| 25-Nov-2024 | 251↑ | 385↑ |

| Hotspots for Today: | | *Details given below | |
|---------------------|---|----------------------|--------------------------------|
| Delhi | Shadipur, Vivek Vihar, Rohini, Bawana, Mundka | Ghaziabad | Loni, Vasundhara, Sanjay Nagar |
| Faridabad | Sector 30, Sector 11 | Greater Noida | Knowledge Park - III |
| Gurugram | NISE Gwal Pahari | Noida | Sector - 116 |

| Forecast by IITM(Delhi): | | | |
|--------------------------|--------------|--------------|--------------|
| | Nov 27, 2024 | Nov 28, 2024 | Nov 29, 2024 |
| AQI Category | Very Poor | Severe | Severe |

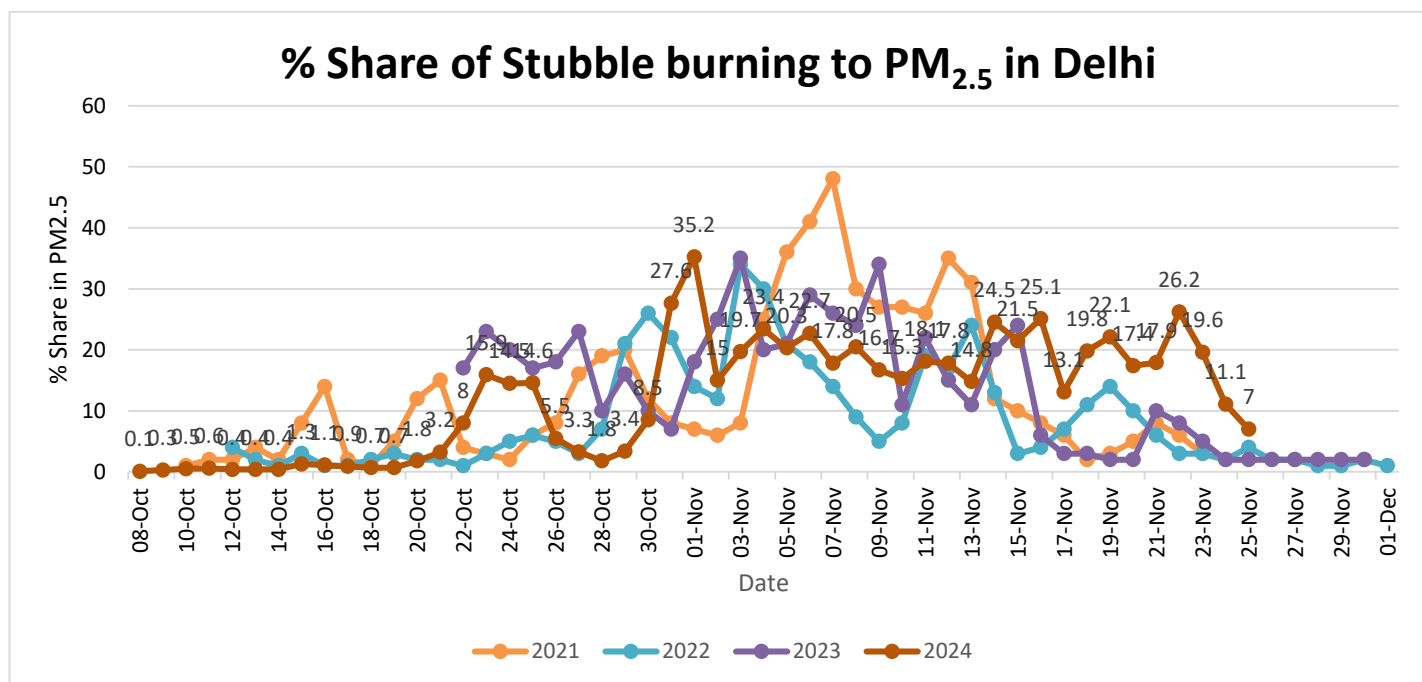
| Wind Forecast for Delhi: | | | | | |
|--------------------------|---------------------------------|----------------------------------|--------------------------------|----------------|--------------------------|
| | Wind speed (at surface) in km/h | | Wind speed (at 900 m) in km/h | Wind Direction | |
| | 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 27, 2024 | 02-08 | 04 | 17 | N | NW |
| Nov 28, 2024 | 04-06 | 03 | 06 | NE | NW |
| Nov 29, 2024 | 02-06 | 03 | 24 | NE | N |

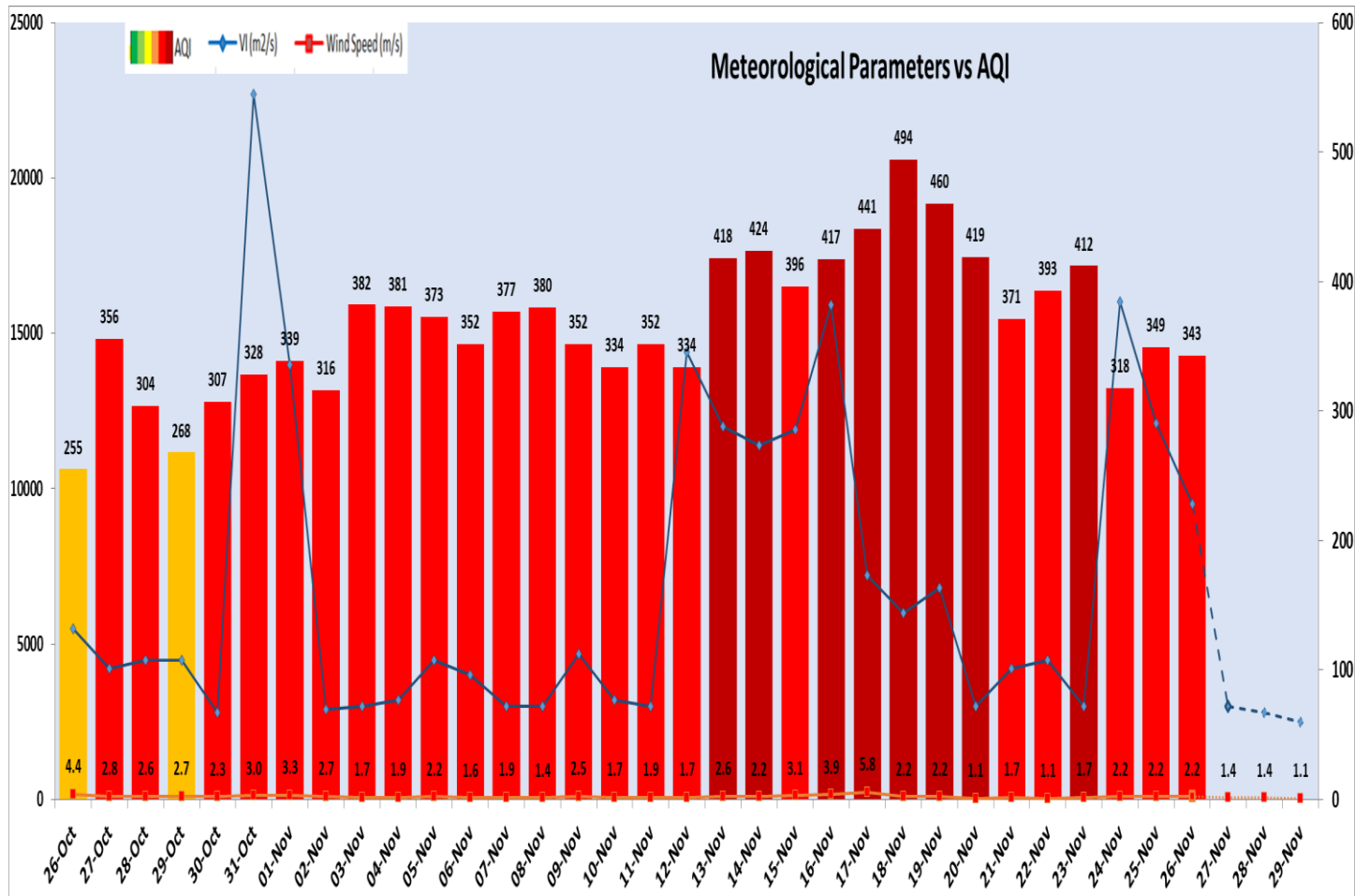
IMD Alert for Tomorrow (27.11.2024):

The air quality is likely to be in Very Poor category from 26.11.2024 to 27.11.2024. The predominant surface wind is likely to be from northwest direction with speed less than 04 kmph during morning hours. Smog/moderate fog is likely in the morning. The wind speed will increase thereafter becoming less than 08 kmph from northwest direction during afternoon. It will decrease thereafter becoming less than 04 kmph from north direction during evening and night. Smog/ shallow fog is likely in the evening/night and mainly clear sky on 27.11.2024. Ventilation index is likely to be 3000 m²/s.

| 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 |
| 25.11.2024 | 67 | 10749 | 26 | 1341 |
| 25.11.2023 | 37 | 36551 | 04 | 2282 |
| 25.11.2022 | 44 | 49854 | 28 | 3609 |

| % Share of Stubble burning to PM _{2.5} in Delhi | |
|--|--|
| 25.11.2024 | *As per IITM, the impact of stubble burning is ~ 7.0 % |





Delhi Temperature in (°C)*

| Date | Minimum | Maximum |
|------------|---------|---------|
| 23-11-2024 | 11.4 | 27.2 |
| 24-11-2024 | 12.0 | 29.4 |
| 25-11-2024 | 14.0 | 29.1 |
| 26-11-2024 | 11.9 | 25.8 |

* Source – IMD (08:30 hrs.)

*Hotspots for Today

| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi | Shadipur, Delhi - CPCB | 390 | Very Poor | PM _{2.5} |
| | Vivek Vihar, Delhi - DPCC | 379 | Very Poor | PM _{2.5} |
| | Rohini, Delhi - DPCC | 375 | Very Poor | PM _{2.5} |
| | Bawana, Delhi - DPCC | 374 | Very Poor | PM _{2.5} |
| | Mundka, Delhi - DPCC | 373 | Very Poor | PM ₁₀ |
| Faridabad | Sector 30, Faridabad - HSPCB | 240 | Poor | PM _{2.5} |
| | Sector 11, Faridabad - HSPCB | 234 | Poor | PM _{2.5} |
| Gurugram | NISE Gwal Pahari, Gurugram - IMD | 350 | Very Poor | PM _{2.5} |
| Ghaziabad | Loni, Ghaziabad - UPPCB | 280 | Poor | PM _{2.5} |
| | Vasundhara, Ghaziabad - UPPCB | 242 | Poor | PM _{2.5} |
| | Sanjay Nagar, Ghaziabad - UPPCB | 239 | Poor | PM _{2.5} |
| Greater Noida | Knowledge Park - III, Greater Noida - UPPCB | 265 | Poor | PM _{2.5} |
| Noida | Sector-116, Noida - UPPCB | 271 | Poor | PM _{2.5} |