



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 16, 2024



Current Air Quality Status:

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

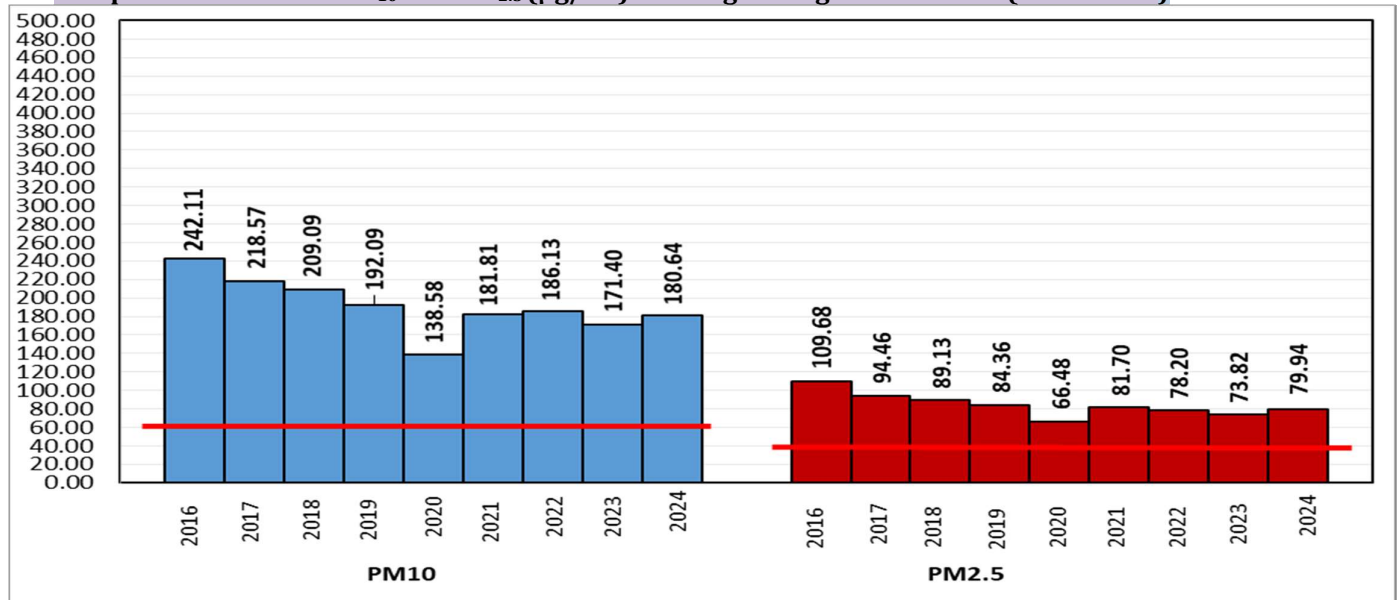
| | 2024 | | | 2023 | | | 2022 | | |
|---------------|-------------|-----------|---|-------------|-----------|--------------------------------------|-------------|-----------|--------------------------------------|
| | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant | Air Quality | AQI Value | Prominent Pollutant |
| Delhi | Poor | 230↑ | PM ₁₀ , O ₃ | Poor | 207↓ | NO ₂ , PM ₁₀ | Poor | 232↑ | PM ₁₀ , PM _{2.5} |
| Faridabad | Poor | 206↑ | PM ₁₀ , PM _{2.5} | Moderate | 200↓ | PM _{2.5} | Poor | 229↑ | PM ₁₀ , PM _{2.5} |
| Ghaziabad | Poor | 203↑ | PM ₁₀ , PM _{2.5} , O ₃ | Moderate | 190↑ | PM ₁₀ , O ₃ | Poor | 286↑ | PM ₁₀ , PM _{2.5} |
| Greater Noida | Moderate | 178↓ | PM ₁₀ , PM _{2.5} | Poor | 257↓ | PM ₁₀ | Poor | 258↑ | PM ₁₀ , PM _{2.5} |
| Gurugram | Moderate | 174↑ | PM _{2.5} | Moderate | 172↑ | PM ₁₀ , PM _{2.5} | Poor | 231↑ | PM _{2.5} |
| Noida | Moderate | 159↓ | PM ₁₀ , PM _{2.5} | Moderate | 171↓ | PM ₁₀ | Poor | 258↑ | PM ₁₀ , PM _{2.5} |

*Data available for 36(2024), 32(2023), 34(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 16 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 | 278 | 289 | 289 | 289 | 290 | 289 | 289 | 289 | 290 | | | | | | | | | | |
| Good (0-50) | | 0 | 2 | 0 | 2 | 5 | 0 | 3 | 1 | 0 | | | | | | | | | | |
| Satisfactory (51-100) | | 23 | 45 | 53 | 57 | 95 | 70 | 65 | 59 | 66 | 110 | 149 | 157 | 174 | 224 | 189 | 160 | 202 | 201 | |
| Moderate (101-200) | | 87 | 102 | 104 | 115 | 124 | 119 | 92 | 142 | 135 | | | | | | | | | | |
| Poor (201-300) | | 105 | 101 | 96 | 79 | 48 | 60 | 107 | 63 | 53 | | | | | | | | | | |
| Very Poor (301-400) | | 56 | 39 | 30 | 29 | 16 | 34 | 21 | 21 | 33 | 168 | 140 | 132 | 115 | 66 | 100 | 129 | 87 | 89 | |
| Severe (>401) | | 7 | 0 | 6 | 7 | 2 | 6 | 1 | 3 | 3 | | | | | | | | | | |

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Oct 15 (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 15.10.24 to 06:00 am of 16.10.24)

| Date ↓ / parameter → | PM _{2.5} (µg/m ³) | PM ₁₀ (µg/m ³) |
|----------------------|--|---------------------------------------|
| 15- Oct -2024 | 92↓ | 232↓ |

| Hotspots for Today: | | *Details given below | |
|---------------------|---|----------------------|----------------------|
| Delhi | Anand Vihar, Mundka, Nehru Nagar, Dwarka-Sector 8, Wazirpur | Ghaziabad | Loni, Sanjay Nagar |
| Faridabad | Sector 30, New Industrial Town | Greater Noida | Knowledge Park - III |
| Gurugram | Vikas Sadan | Noida | Sector - 62 |

| Forecast by IITM(Delhi): | | | |
|--------------------------|--------------|--------------|--------------|
| | Oct 17, 2024 | Oct 18, 2024 | Oct 19, 2024 |
| AQI Category | Poor | Poor | Poor |

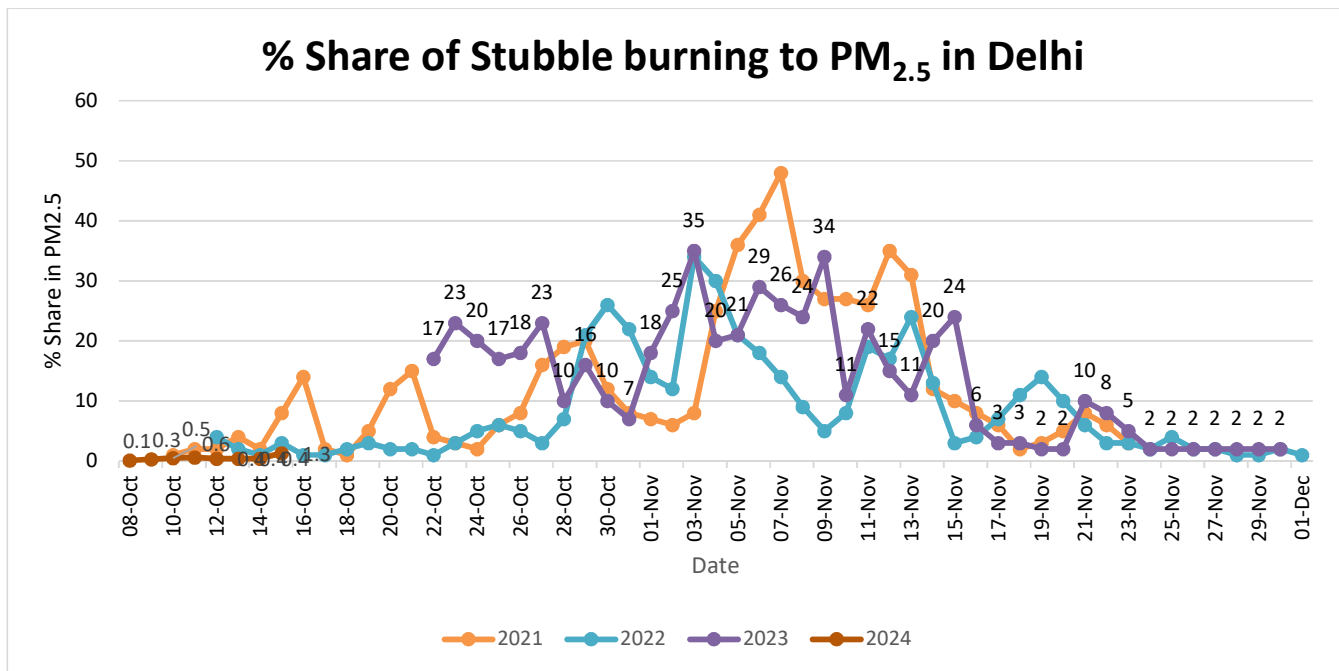
| Wind Forecast for Delhi: | | | | | |
|--------------------------|---------------------------------|----------------------------------|--------------------------------|----------------|--------------------------|
| | Wind speed (at surface) in km/h | | Wind speed (at 900 m) in km/h | Wind Direction | |
| | 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 17, 2024 | 06 TO 12 | 03 | 14 | SE/E | W |
| Oct 18, 2024 | 10 TO 12 | 06 | 17 | E | W |
| Oct 19, 2024 | 10 TO 12 | 06 | 21 | E | W |

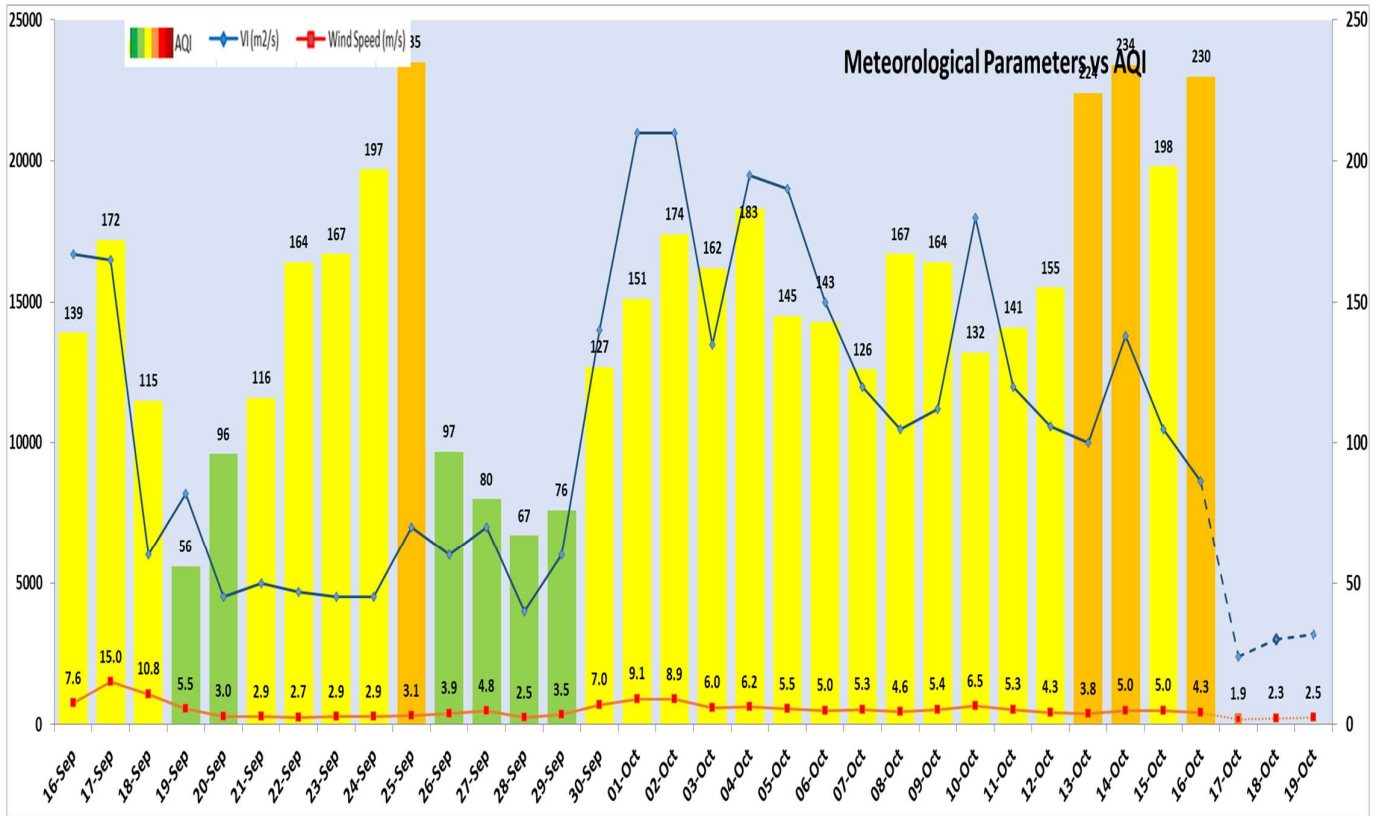
IMD Alert for Tomorrow (17.10.2024):

The air quality is likely to remain in Poor category from 17.10.2024 to 19.10.2024. The predominant surface wind is likely to be coming from Southeast/East directions in Delhi with wind speed 06-12 kmph and mainly clear sky on 17.10.2024. 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 |
| 15.10.2024 | 144 | 1113 | 42 | 559 |
| 15.10.2023 | 69 | 1388 | 127 | 542 |
| 15.10.2022 | 169 | 1238 | 36 | 168 |

| % Share of Stubble burning to PM _{2.5} in Delhi | |
|--|--|
| 15.10.2024 | *As per IITM, the impact of stubble burning is ~ 1.3 % |





| Delhi Temperature in (°C) | | |
|---------------------------|---------|---------|
| Date | Minimum | Maximum |
| 13-10-2024 | 18.6 | 34.4 |
| 14-10-2024 | 18.6 | 35.1 |
| 15-10-2024 | 17.4 | 34.4 |
| 16-10-2024 | 19.0 | 34.2 |

***Hotspots for Today**

| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi | Anand Vihar, Delhi - DPCC | 429 | Severe | PM ₁₀ |
| | Mundka, Delhi - DPCC | 327 | Very Poor | PM ₁₀ |
| | Nehru Nagar, Delhi - DPCC | 301 | Very Poor | Ozone |
| | Dwarka-Sector 8, Delhi - DPCC | 289 | Poor | PM ₁₀ |
| | Wazirpur, Delhi - DPCC | 287 | Poor | PM ₁₀ |
| Faridabad | Sector 30, Faridabad - HSPCB | 312 | Very Poor | PM _{2.5} |
| | New Industrial Town, Faridabad - HSPCB | 215 | Poor | PM ₁₀ |
| Gurugram | Vikas Sadan, Gurugram - HSPCB | 174 | Moderate | PM _{2.5} |
| Ghaziabad | Loni, Ghaziabad - UPPCB | 279 | Poor | PM _{2.5} |
| | Sanjay Nagar, Ghaziabad - UPPCB | 207 | Poor | PM ₁₀ |
| Greater Noida | Knowledge Park - III, Greater Noida - UPPCB | 190 | Moderate | PM _{2.5} |
| Noida | Sector - 62, Noida - IMD | 187 | Moderate | PM ₁₀ |