



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – September 27, 2022



Current Air Quality Status:

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

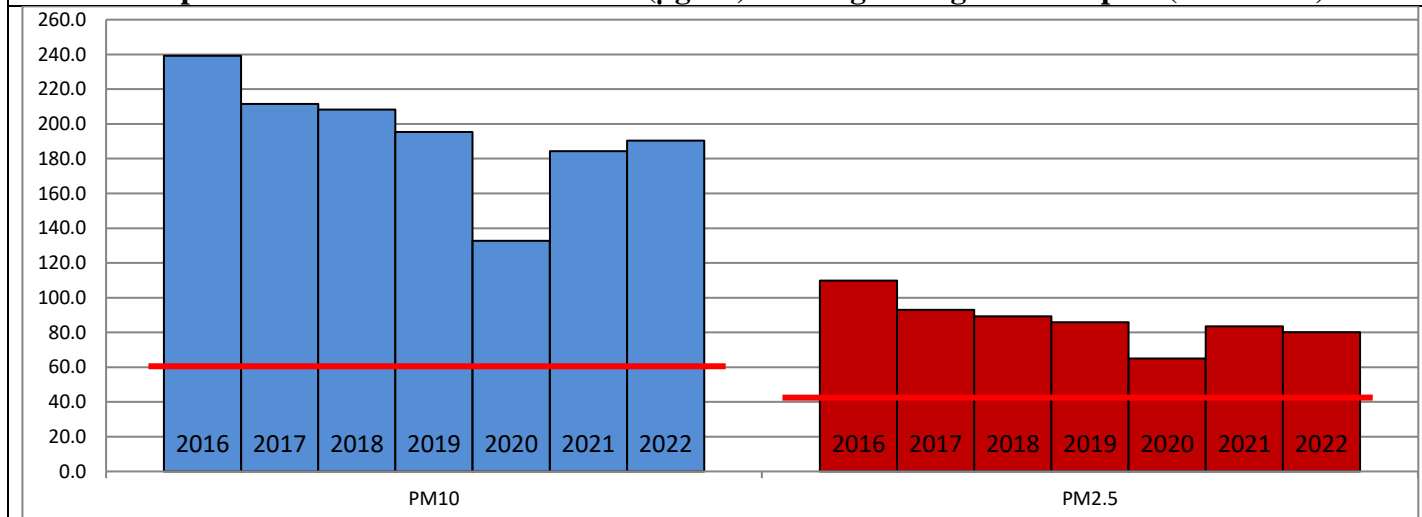
| | Air Quality | AQI Value | Prominent Pollutant |
|---------------|-------------|-----------|---|
| Delhi | Moderate | 108 ↓ | PM ₁₀ |
| Faridabad | Moderate | 104 ↓ | PM ₁₀ |
| Ghaziabad | Moderate | 108 ↓ | PM ₁₀ , O ₃ |
| Greater Noida | Moderate | 121 ↓ | PM ₁₀ |
| Gurugram | Moderate | 122 ↓ | PM ₁₀ , PM _{2.5} , CO |
| Noida | Moderate | 110 ↓ | PM _{2.5} , PM ₁₀ |

*Data available for 33 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 27 September 2016-2022

| Category | Year | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | No. of days | 259 | 270 | 270 | 270 | 271 | 270 | 270 | | | | | | | |
| Good (0–50) | | 0 | 2 | 0 | 2 | 5 | 0 | 1 | | | | | | | |
| Satisfactory (51–100) | | 24 | 45 | 53 | 51 | 95 | 76 | 61 | 104 | 144 | 150 | 162 | 215 | 171 | 143 |
| Moderate (101–200) | | 80 | 97 | 97 | 109 | 115 | 95 | 81 | | | | | | | |
| Poor (201–300) | | 95 | 90 | 86 | 74 | 39 | 60 | 105 | | | | | | | |
| Very Poor (301–400) | | 54 | 36 | 28 | 27 | 15 | 33 | 21 | 155 | 126 | 120 | 108 | 56 | 99 | 127 |
| Severe (>401) | | 6 | 0 | 6 | 7 | 2 | 6 | 1 | | | | | | | |

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till Sep 26 (2016-2022)



Hotspots for Today:

*Details given overleaf

| | | | |
|-----------|---|---------------|-------------------------|
| Delhi | Anand Vihar, Pusa, Jahangirpuri, IHBAS-Dilshad Garden, Wazirpur | Ghaziabad | Vasundhara, Indirapuram |
| Faridabad | New Industrial Town, Sector-11 | Greater Noida | Knowledge Park-III |
| Gurugram | Teri Gram, Sector-51 | Noida | Sector-116, Sector-62 |

Forecast by IITM (Delhi):

| Parameters | Sep 28, 2022 | | Sep 29, 2022- Sep 30, 2022 | |
|-------------------|---------------|--------------|----------------------------|--------------|
| | Concentration | AQI Category | Concentration | AQI Category |
| PM ₁₀ | 95 | Satisfactory | 113 | Moderate |
| PM _{2.5} | 40 | Satisfactory | 48 | Satisfactory |

Wind Forecast for Delhi:

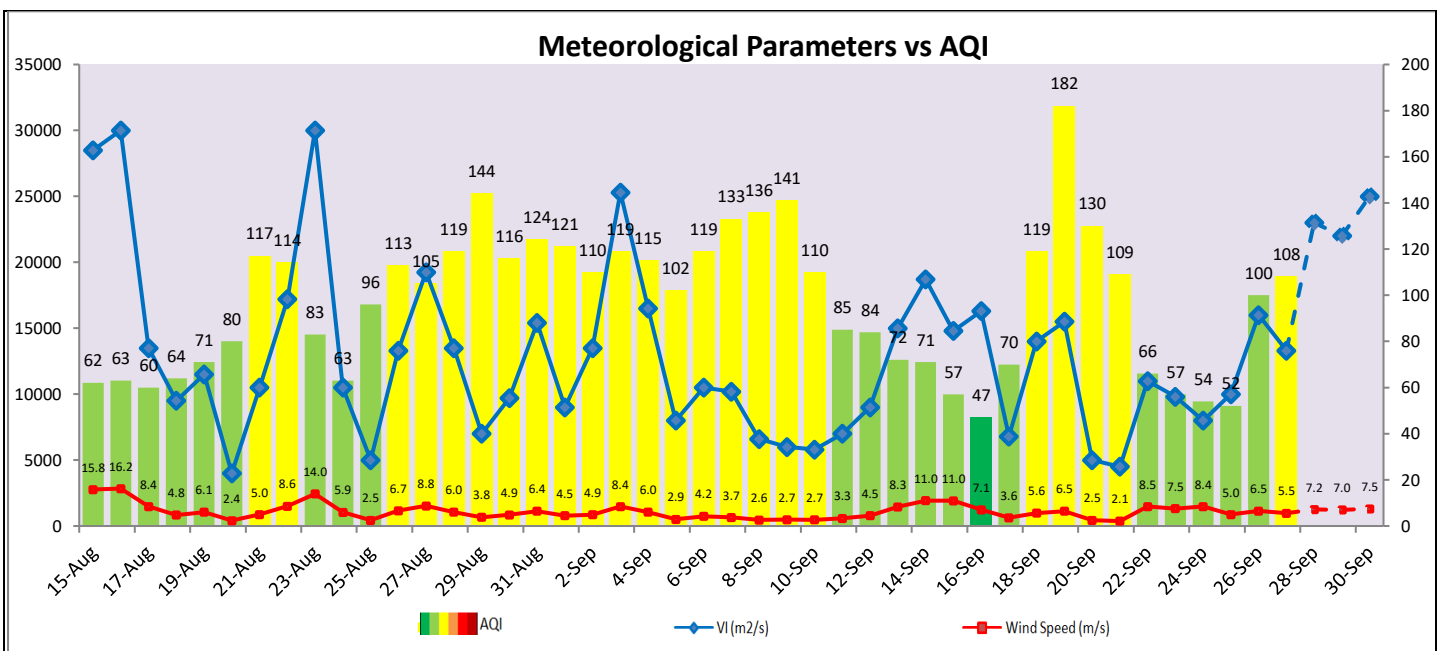
| | Wind speed (at surface) in km/h | | Wind speed (at 900 m) in km/h | Wind Direction | |
|--------------|---------------------------------|----------------------------------|--------------------------------|----------------|--------------------------|
| | As per IMD (range) | As per windy.com (at 16:00 hrs.) | As per windy.com (at 16:00hrs) | As per IMD | As per windy.com at 900m |
| Sep 28, 2022 | 04-12 | 09 | 20 | NW | NW |
| Sep 29, 2022 | 12-15 | 07 | 21 | NW/N | NW |
| Sep 30, 2022 | 06-15 | 07 | 23 | NW | NW |

IMD Alert for Tomorrow (28.09.2022):

The air quality is likely to deteriorate but remain in Moderate category from 28.09.2022 to 30.09.2022. The predominant surface wind is likely to be calm in morning hours and coming from Northwest direction in Delhi with wind speed 04-12 kmph and partly cloudy sky tomorrow. Ventilation index is likely to be 23,000m²/s.

Active Fire Events (AFE)s:

| Date | Punjab | | Haryana | |
|------------|-----------------|--------------------------|-----------------|--------------------------|
| | Nos. on the day | Total since September 15 | Nos. on the day | Total since September 15 |
| 27.09.2022 | 0 | 139 | 0 | 1 |
| 27.09.2021 | 37 | 96 | 0 | 0 |



▪ **Hotspots for Today**

| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi | Anand Vihar, Delhi - DPCC | 298 | Poor | PM ₁₀ |
| | Pusa, Delhi - DPCC | 165 | Moderate | PM ₁₀ |
| | Jahangirpuri, Delhi - DPCC | 147 | Moderate | PM ₁₀ |
| | IHBAS, Dilshad Garden, Delhi - CPCB | 133 | Moderate | PM ₁₀ |
| | Wazirpur, Delhi - DPCC | 129 | Moderate | PM ₁₀ |
| Faridabad | New Industrial Town, Faridabad - HSPCB | 111 | Moderate | PM ₁₀ |
| | Sector 11, Faridabad - HSPCB | 105 | Moderate | PM ₁₀ |
| Gurugram | Sector-51, Gurugram - HSPCB | 173 | Moderate | PM _{2.5} |
| | Teri Gram, Gurugram - HSPCB | 129 | Moderate | PM ₁₀ |
| Ghaziabad | Vasundhara, Ghaziabad - UPPCB | 155 | Moderate | O ₃ |
| | Indirapuram, Ghaziabad - UPPCB | 118 | Moderate | PM ₁₀ |
| Greater Noida | Knowledge Park - III, Greater Noida - UPPCB | 126 | Moderate | PM ₁₀ |
| Noida | Sector - 62, Noida - IMD | 117 | Moderate | PM _{2.5} |
| | Sector-116, Noida - UPPCB | 111 | Moderate | PM ₁₀ |