



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated - September 29, 2023



Current Air Quality Status:

Air Quality Index (AQI) (Average of past 24 hours at 4 PM)

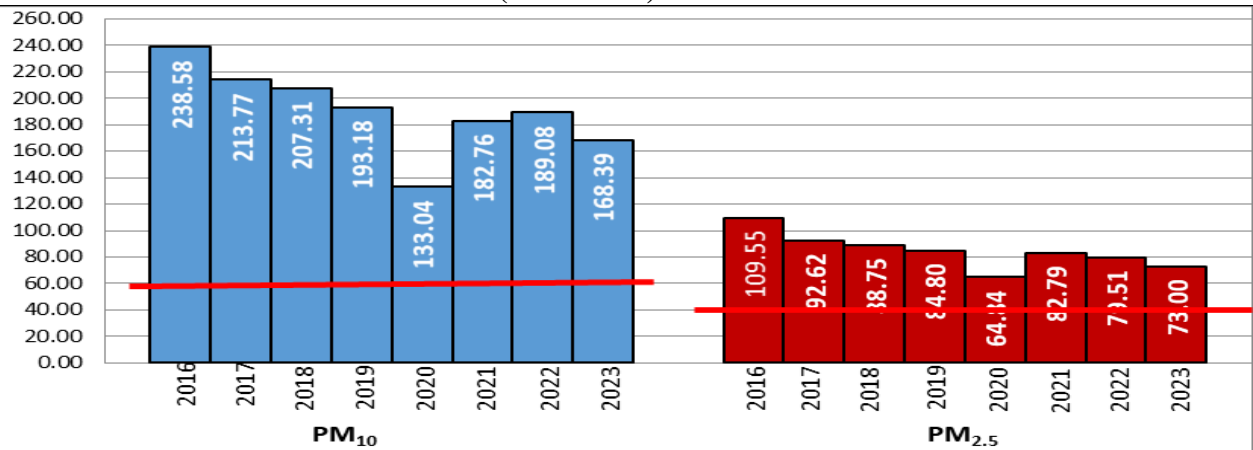
| | Air Quality | AQI Value | Prominent Pollutant |
|---------------|-------------|-----------|--------------------------------------|
| Delhi | Moderate | 156 ↑ | PM _{2.5} , O ₃ |
| Faridabad | Moderate | 167 ↑ | PM ₁₀ , PM _{2.5} |
| Ghaziabad | Moderate | 172 ↑ | PM ₁₀ |
| Greater Noida | Poor | 284 ↑ | PM ₁₀ |
| Gurugram | Poor | 222 ↑ | PM _{2.5} |
| Noida | Moderate | 170 ↑ | O ₃ |

*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 29 September 2016-2023

| Category | Year | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | No. of days | 261 | 272 | 272 | 272 | 273 | 272 | 272 | 272 | | | | | | | | |
| Good (0-50) | | 0 | 2 | 0 | 2 | 4 | 0 | 1 | 1 | | | | | | | | |
| Satisfactory (51-100) | | 24 | 45 | 53 | 53 | 96 | 68 | 61 | 59 | 105 | 145 | 150 | 164 | 217 | 173 | 145 | 192 |
| Moderate (101-200) | | 81 | 98 | 97 | 109 | 117 | 105 | 83 | 132 | | | | | | | | |
| Poor (201-300) | | 96 | 91 | 87 | 74 | 39 | 60 | 105 | 56 | | | | | | | | |
| Very Poor (301-400) | | 54 | 36 | 29 | 27 | 15 | 33 | 21 | 21 | 156 | 127 | 122 | 108 | 56 | 99 | 127 | 80 |
| Severe (>401) | | 6 | 0 | 6 | 7 | 2 | 6 | 1 | 3 | | | | | | | | |

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till September 28 (2016-2023)



Daily Average of Particulates in Delhi

| Date ↓ / parameter → | PM _{2.5} (µg/m ³) | PM ₁₀ (µg/m ³) |
|----------------------|--|---------------------------------------|
| 28-September-2023 | 60 | 167 |

Hotspots for Today:

*Details given below

| | | | |
|-----------|---|---------------|--------------------|
| Delhi | IHBAS, Nehru Nagar, Sirifort, Pusa, Shadipur, | Ghaziabad | Vasundhara, Loni |
| Faridabad | Sector 11, New Industrial Town, Sector 30 | Greater Noida | Knowledge Park - V |
| Gurugram | Sector-51 | Noida | Sector - 125 |

▪ **Wind Forecast for Delhi:**

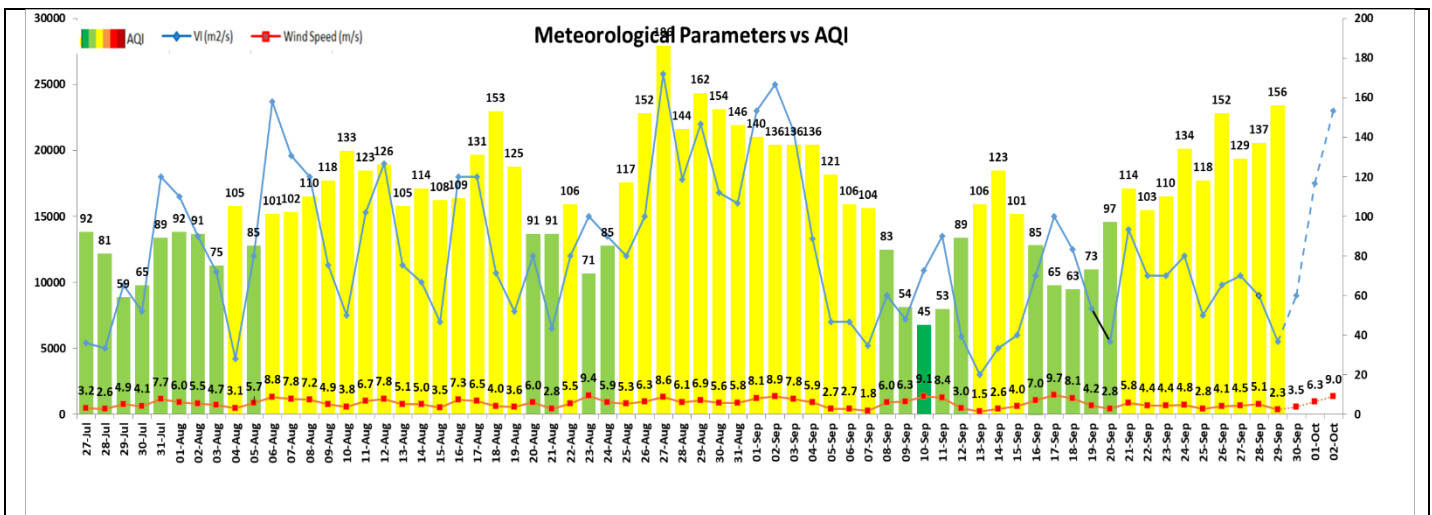
| | Wind speed (at surface) in km/h | | Wind speed (at 900 m) in km/h | Wind Direction | |
|---------------------|---------------------------------|----------------------------------|--------------------------------|----------------|--------------------------|
| | As per IMD (range) | As per windy.com (at 16:00 hrs.) | As per windy.com (at 16:00hrs) | As per IMD | As per windy.com at 900m |
| Sep 30, 2023 | 04-08 | 09 | 27 | N/NW | NW |
| Sep 31, 2023 | 06-12 | 09 | 29 | N/NW | NW |
| Oct 01, 2023 | 10-12 | 08 | 20 | NW | NW |

▪ **IMD Alert for Tomorrow (30.09.2023):**

The air quality is likely to remain in Moderate category from 30.09.2023 to 02.10.2023. The predominant surface wind is likely to be calm in the morning hours and coming from Northwest/North directions in Delhi with wind speed 08-04 kmph, mainly clear sky and mist in the morning on 30.09.2023. Ventilation index is likely to be 9000 m²/s.

Active Fire Events (AFEs):

| Date | Panjab | | Haryana | |
|------------|-----------------|--------------------------|-----------------|--------------------------|
| | Nos. on the day | Total since September 15 | Nos. on the day | Total since September 15 |
| 28.09.2023 | 33 | 65 | 8 | 32 |
| 28.09.2022 | 0 | 139 | 0 | 01 |



▪ **Hotspots for Today**

| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi | IHBAS, Dilshad Garden, Delhi - CPCB | 233 | Poor | PM _{2.5} |
| | Nehru Nagar, Delhi - DPCC | 232 | Poor | O ₃ |
| | Sirifort, Delhi - CPCB | 220 | Moderate | O ₃ |
| | Pusa, Delhi - DPCC | 186 | Moderate | PM ₁₀ |
| | Shadipur, Delhi - CPCB | 182 | Moderate | PM ₁₀ |
| Faridabad | Sector 11, Faridabad - HSPCB | 222 | Poor | PM ₁₀ |
| | New Industrial Town, Faridabad - HSPCB | 174 | Moderate | PM ₁₀ |
| | Sector 30, Faridabad - HSPCB | 172 | Moderate | O ₃ |
| Gurugram | Sector-51, Gurugram - HSPCB | 337 | Poor | PM _{2.5} |
| Ghaziabad | Vasundhara, Ghaziabad - UPPCB | 207 | Poor | PM ₁₀ |
| | Loni, Ghaziabad - UPPCB | 198 | Moderate | PM _{2.5} |
| Greater Noida | Knowledge Park - V, Greater Noida - UPPCB | 359 | Very poor | PM ₁₀ |
| Noida | Sector - 125, Noida - UPPCB | 205 | Poor | O ₃ |

