



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 27, 2022



Current Air Quality Status:

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

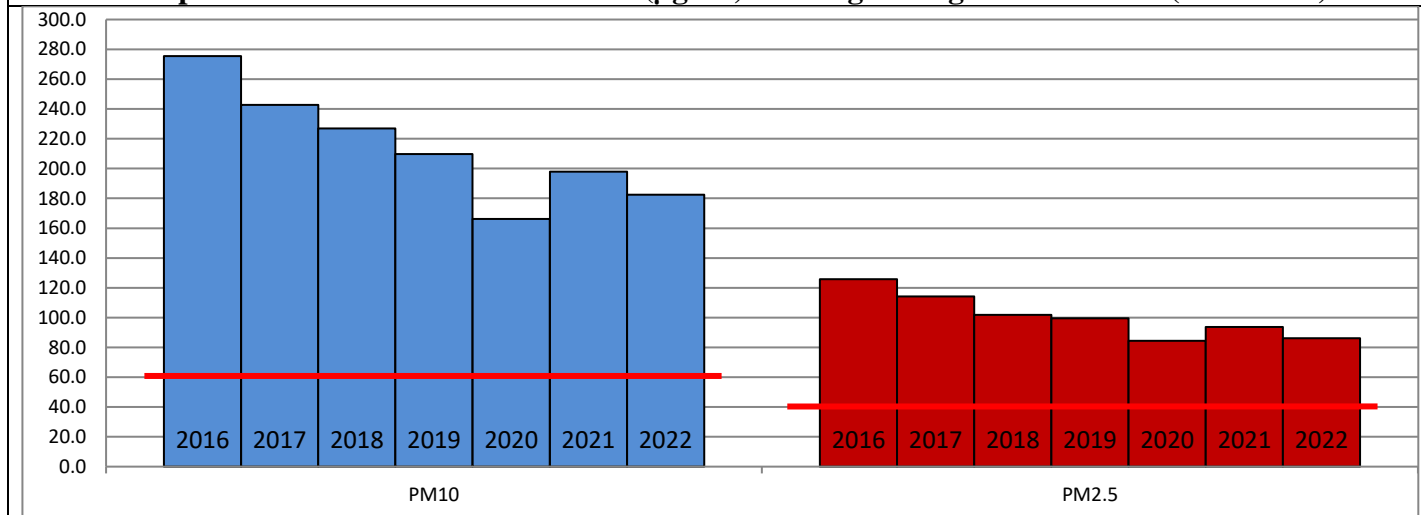
| | Air Quality | AQI Value | Prominent Pollutant |
|---------------|-------------|-----------|---------------------|
| Delhi | Very Poor | 328 ↓ | PM _{2.5} |
| Faridabad | Poor | 300 ↑ | PM _{2.5} |
| Ghaziabad | Poor | 274 ↓ | PM ₁₀ |
| Greater Noida | Very Poor | 343 ↑ | PM _{2.5} |
| Gurugram | Very Poor | 310 ↑ | PM _{2.5} |
| Noida | Poor | 293 ↑ | PM _{2.5} |

*Data available for 36 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 November 2016-2022

| Category | Year | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | No. of days | 320 | 331 | 331 | 331 | 332 | 331 | 331 | | | | | | | |
| Good (0–50) | | 0 | 2 | 0 | 2 | 5 | 1 | 3 | | | | | | | |
| Satisfactory (51–100) | | 24 | 45 | 53 | 58 | 95 | 81 | 65 | 110 | 150 | 158 | 176 | 226 | 197 | 160 |
| Moderate (101–200) | | 86 | 103 | 105 | 116 | 126 | 115 | 92 | | | | | | | |
| Poor (201–300) | | 118 | 105 | 110 | 96 | 63 | 70 | 127 | | | | | | | |
| Very Poor (301–400) | | 74 | 68 | 51 | 43 | 32 | 48 | 40 | 210 | 181 | 173 | 155 | 106 | 134 | 171 |
| Severe (>401) | | 18 | 8 | 12 | 16 | 11 | 16 | 4 | | | | | | | |

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till Nov 24 (2016-2022)



Hotspots for Today:

*Details given overleaf

| | | | |
|-----------|---|---------------|-------------------------|
| Delhi | Nehru Nagar, Jahangirpuri, Patparganj, Anand Vihar, Dwarka Sector-8 | Ghaziabad | Vasundhara |
| Faridabad | Sector- 11, Sector-16A | Greater Noida | Knowledge Park-III |
| Gurugram | Sector-51 NISE Gwal Pahari | Noida | Sector – 62, Sector-116 |

Forecast by IITM (Delhi):

| | Nov 28, 2022 | | Nov 29, 2022- Nov 30, 2022 | |
|-------------------|---------------|--------------|----------------------------|--------------|
| | Concentration | AQI Category | Concentration | AQI Category |
| PM ₁₀ | 252 | Poor | 278 | Poor |
| PM _{2.5} | 137 | Very Poor | 151 | 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 |
| Nov 28, 2022 | 04-06 | 06 | 12 | NW | N |
| Nov 29, 2022 | 06-08 | 09 | 15 | NW | NW |
| Nov 30, 2022 | 08-16 | 08 | 16 | NW | NW |

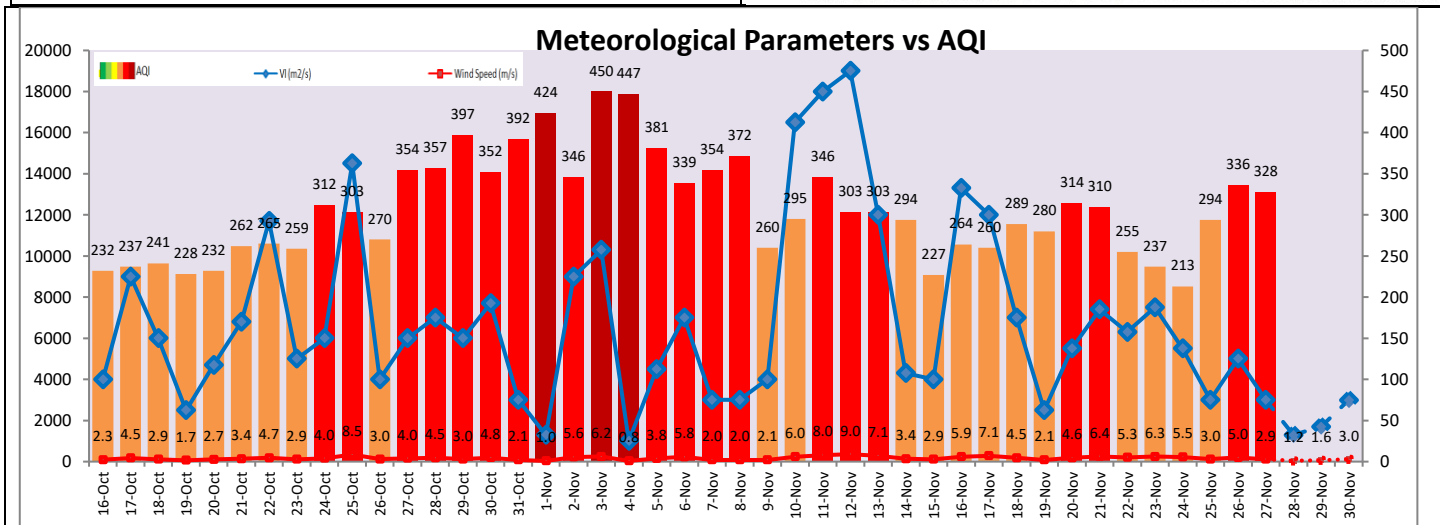
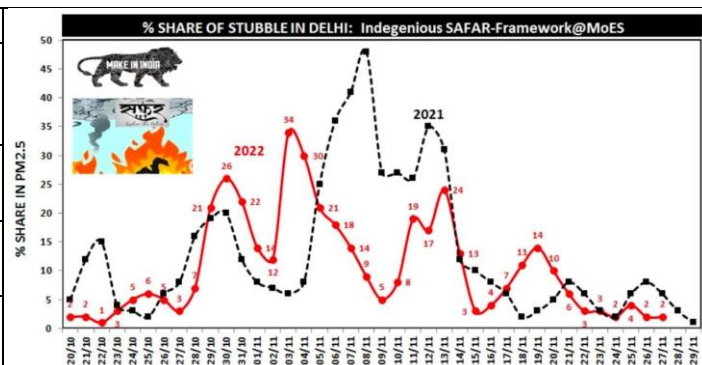
IMD Alert for Tomorrow (28.11.2022):

. The air quality is likely to remain in Very Poor category on 28.11.2022. The predominant surface wind is likely to be calm till morning hours and coming from Northwest direction in Delhi with wind speed 04-06 kmph during daytime, mainly clear sky and mist in the morning tomorrow. Ventilation index is likely to be 1,300 m²/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 |
| 27.11.2022 | 12 | 49888 | 8 | 3629 |
| 27.11.2021 | 19 | 71286 | 28 | 6946 |

* As per IITM, the contribution of stubble burning to PM_{2.5} in Delhi is ~02%.



Hotspots for Today

| City | Station Name | AQI value | Air Quality | Prominent Pollutant |
|---------------|---|-----------|-------------|---------------------|
| Delhi | Nehru Nagar, Delhi - DPCC | 375 | Very Poor | PM _{2.5} |
| | Jahangirpuri, Delhi - DPCC | 367 | Very Poor | PM _{2.5} |
| | Anand Vihar, Delhi - DPCC | 365 | Very Poor | PM ₁₀ |
| | Dwarka-Sector 8, Delhi - DPCC | 355 | Very Poor | PM _{2.5} |
| | Patparganj, Delhi - DPCC | 354 | Very Poor | PM _{2.5} |
| Faridabad | Sector- 16A, Faridabad - HSPCB | 338 | Very Poor | PM _{2.5} |
| | Sector 11, Faridabad - HSPCB | 334 | Very Poor | PM _{2.5} |
| Gurugram | Sector-51, Gurugram - HSPCB | 349 | Very Poor | PM _{2.5} |
| | NISE Gwal Pahari, Gurugram - IMD | 311 | Very Poor | PM _{2.5} |
| Ghaziabad | Vasundhara, Ghaziabad - UPPCB | 329 | Very Poor | PM ₁₀ |
| Greater Noida | Knowledge Park - III, Greater Noida - UPPCB | 348 | Very Poor | PM _{2.5} |
| Noida | Sector - 62, Noida - IMD | 344 | Very Poor | PM _{2.5} |
| | Sector-116, Noida - UPPCB | 312 | Very Poor | PM _{2.5} |