



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 19, 2023



Current Air Quality Status:

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

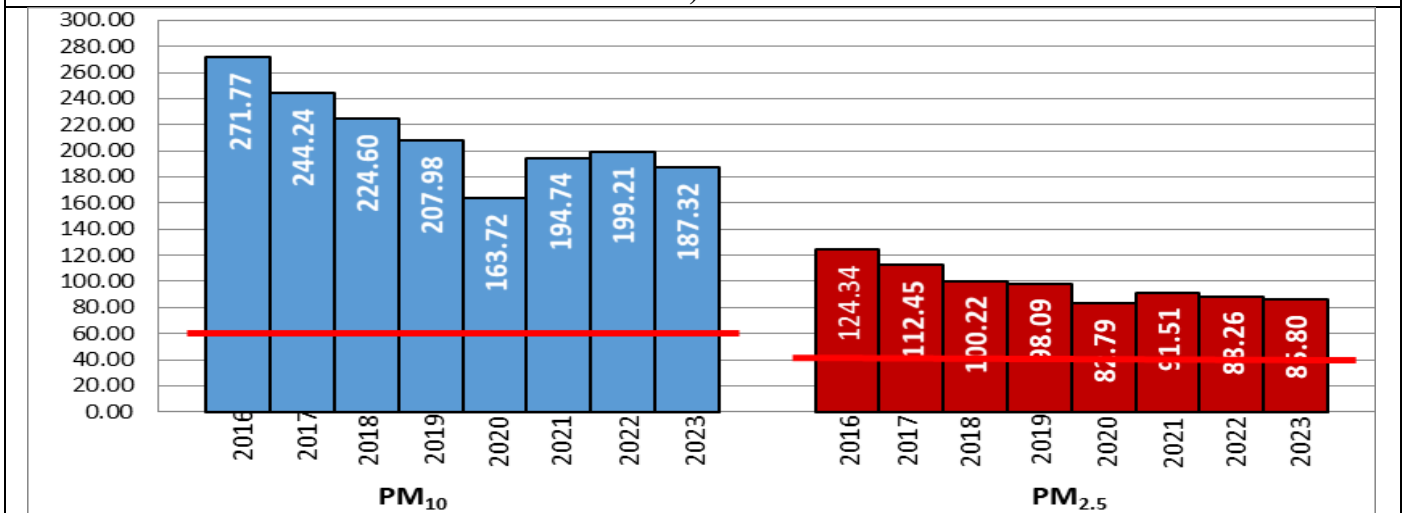
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	301↓	PM _{2.5}	Poor	280↓	PM ₁₀ , PM _{2.5}	Very Poor	380↑	PM ₁₀ , PM _{2.5}
Faridabad	Very Poor	327↑	PM ₁₀ , PM _{2.5}	Poor	252↓	PM ₁₀	Very Poor	352↑	PM ₁₀
Ghaziabad	Poor	280↑	PM _{2.5} , PM ₁₀	Poor	263↑	PM ₁₀	Very Poor	377↑	PM ₁₀ , PM _{2.5}
Greater Noida	Poor	236↑	PM _{2.5}	Poor	280↑	PM _{2.5}	Very Poor	382↑	PM ₁₀ , PM _{2.5}
Gurugram	Poor	234↓	PM _{2.5}	Poor	247↓	PM _{2.5}	Very Poor	324↑	PM _{2.5}
Noida	Poor	268↑	PM _{2.5}	Poor	235↑	PM _{2.5}	Very Poor	376↑	PM ₁₀ , PM _{2.5}

*Data available for 37(2023), 35(2022), 35(2021) 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 19 November 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	312	323	323	323	324	323	323	323	110	151	157	175	225	197	160	206
Good (0–50)		0	2	0	2	4	1	3	1								
Satisfactory (51–100)		24	45	53	58	96	72	65	60								
Moderate (101–200)		86	104	104	115	125	124	92	145								
Poor (201–300)		116	102	106	93	59	69	123	72								
Very Poor (301–400)		68	63	48	39	30	43	36	34	202	172	166	148	99	126	163	117
Severe (>401)		18	7	12	16	10	14	4	11								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till November 18 (2016-2023)



*Red line shows the annual average concentration standards for PM₁₀ and PM_{2.5}.

Daily Average of Particulates in Delhi

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
18- November -2023	145 ↓	256 ↓

Hotspots for Today:

**Details given below*

Delhi	Bawana, Alipur, Wazirpur, Jahangirpuri, Mundka	Ghaziabad	Loni, Indirapuram,
Faridabad	New Industrial Town , Sector- 16A	Greater Noida	Knowledge Park -V
Gurugram	Sector-51	Noida	Sector-116

Forecast by IITM (Delhi):

	Nov 20, 2023	Nov 21, 2023	Nov 22, 2023
AQI Category	Very Poor	Very Poor	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 20. 2023	04-08	08	16	NW	NW
Nov 21. 2023	08-12	10	28	NW	NW
Nov 22. 2023	Upto 08	08	18	NW	NW

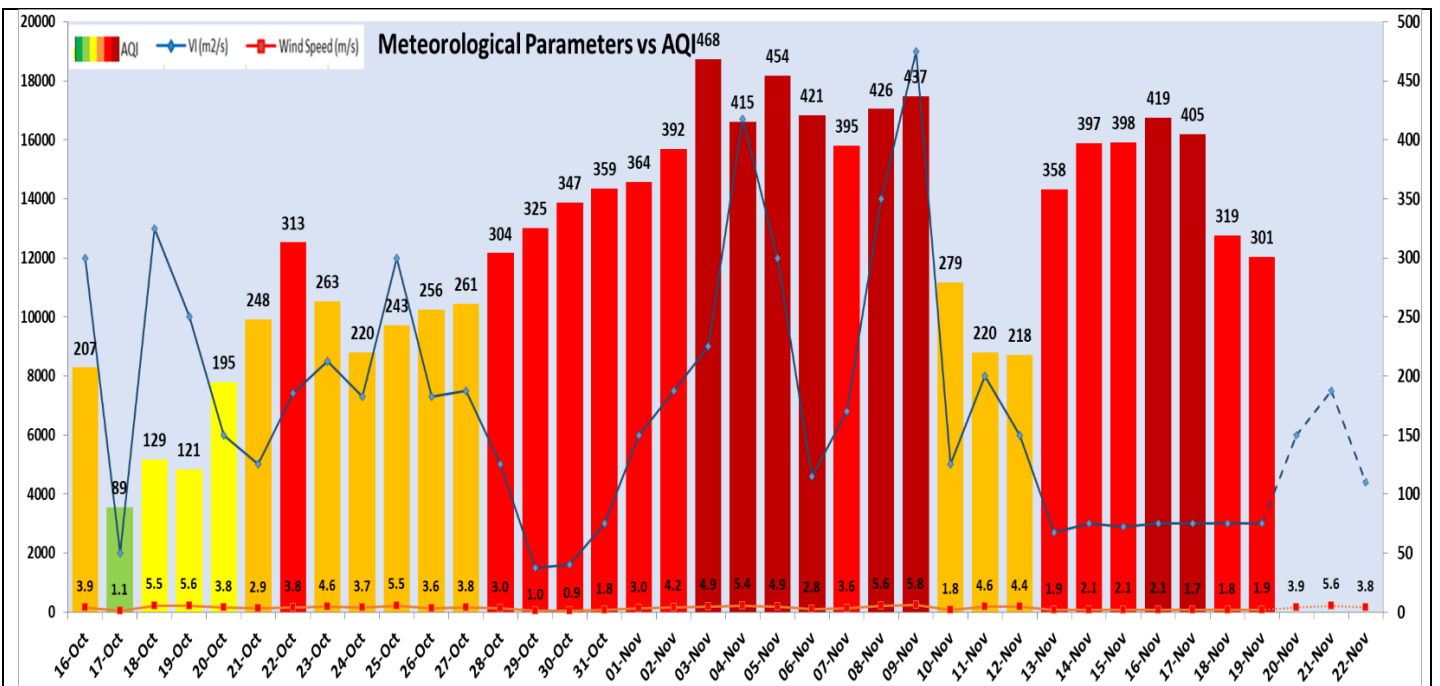
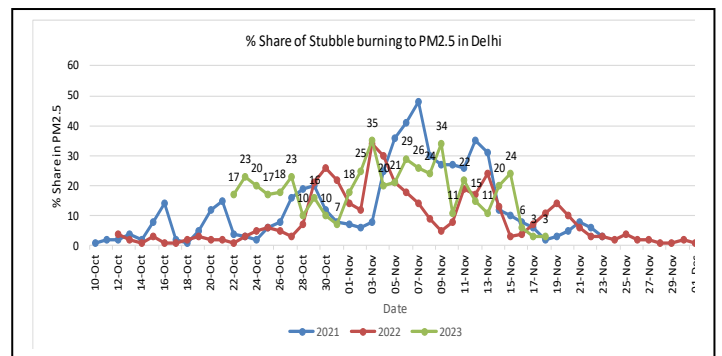
IMD Alert for Tomorrow (20.11.2023):

The air quality is likely to remain in the Very Poor category from 20.11.2023 to 22.11.2023. The predominant surface wind is likely to be coming from Northwest direction with wind speed 04-08 kmph but likely to remain calm during evening/night hours, mainly clear sky and shallow fog in the morning on 20.11.2023. Ventilation index is likely to be 6000 m²/s.

Active Fire Events (AFE):

Date	Punjab		Haryana	
	Nos. on the day	Total since September 15	Nos. on the day	Total since September 15
18.11.2023	637	33719	21	2052
18.11.2022	701	48489	108	3380
18.11.2021	680	70125	111	6205

*As per IITM, the impact of stubble burning is ~3%



Delhi Temperature in (°C)		
Date	Minimum	Maximum
16-11-2023	11.3	27.4
17-11-2023	12.0	27.5
18-11-2023	12.8	28.2
19-11-2023	12.2	28.7

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Bawana, Delhi - DPCC	389	Very Poor	PM _{2.5}
	Alipur, Delhi - DPCC	368	Very Poor	PM _{2.5}
	Wazirpur, Delhi - DPCC	368	Very Poor	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	363	Very Poor	PM _{2.5}
	Mundka, Delhi - DPCC	360	Very Poor	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	398	Very Poor	PM ₁₀
	Sector- 16A, Faridabad - HSPCB	330	Very Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	308	Very Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	299	Poor	PM _{2.5}
	Indrapuram, Ghaziabad - UPPCB	280	Poor	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	251	Poor	PM _{2.5}
Noida	Sector-116, Noida - UPPCB	320	Very Poor	PM _{2.5}