



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 22, 2023



Current Air Quality Status:

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

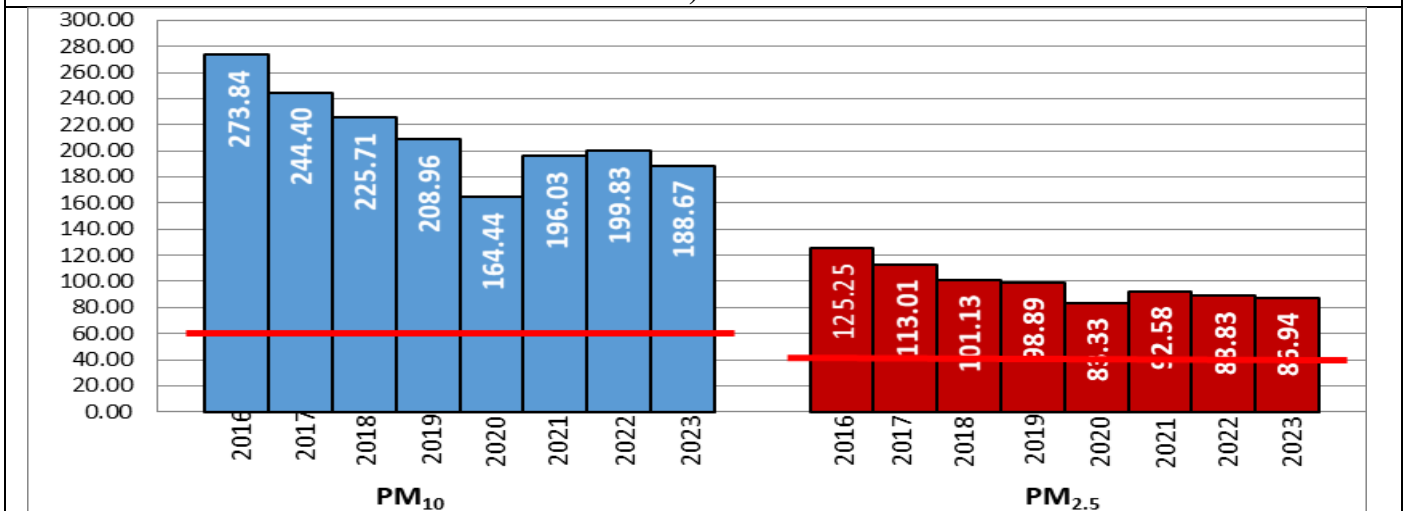
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	395↑	PM2.5	Poor	255↓	PM2.5, O ₃	Very Poor	311↓	PM10, PM2.5
Faridabad	Very Poor	356↑	PM2.5, PM10	Poor	227↓	PM2.5	Very Poor	330↓	PM10, PM2.5
Ghaziabad	Very Poor	344↓	PM2.5	Moderate	182↓	PM2.5	Poor	254↓	PM2.5
Greater Noida	Very Poor	321↑	PM2.5	Poor	209↓	PM10, PM2.5	Poor	202↓	PM2.5
Gurugram	Very Poor	341↑	PM2.5	Poor	242↓	PM2.5	Very Poor	310↓	PM2.5
Noida	Very Poor	341↑	PM2.5	Moderate	195↓	PM2.5	Poor	270↓	PM10, PM2.5

*Data available for 37(2023), 35(2022), 32(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 22 November 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	315	326	326	326	327	326	326	326	2016	2017	2018	2019	2020	2021	2022	2023
Good (0-50)		0	2	0	2	4	1	3	1								
Satisfactory (51-100)		24	45	53	58	96	72	65	60	110	151	157	175	225	197	160	206
Moderate (101-200)		86	104	104	115	125	124	92	145								
Poor (201-300)		116	104	107	93	62	69	124	72								
Very Poor (301-400)		71	64	50	42	30	46	38	37	205	175	169	151	102	129	166	120
Severe (>401)		18	7	12	16	10	14	4	11								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till November 21 (2016-2023)



*Red line shows the annual average concentration standards for PM10 and PM2.5.

Daily Average of Particulates in Delhi

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
21- November -2023	246 ↑	363 ↑

Hotspots for Today:

**Details given below*

Delhi	Bawana, Nehru Nagar, Mundka, Jahangirpuri, Rohini	Ghaziabad	Loni, Vasundhara
Faridabad	Sector- 16A, New Industrial Town, Sector 30	Greater Noida	Knowledge Park -III
Gurugram	NISE Gwal Pahari, Teri Gram	Noida	Sector-62

Forecast by IITM (Delhi):

	Nov 23, 2023	Nov 24, 2023	Nov 25, 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 23. 2023	08	05	04	E/SE	SE
Nov 24. 2023	08	08	09	NE/E	NW
Nov 25. 2023	04-06	09	01	NE/E	S

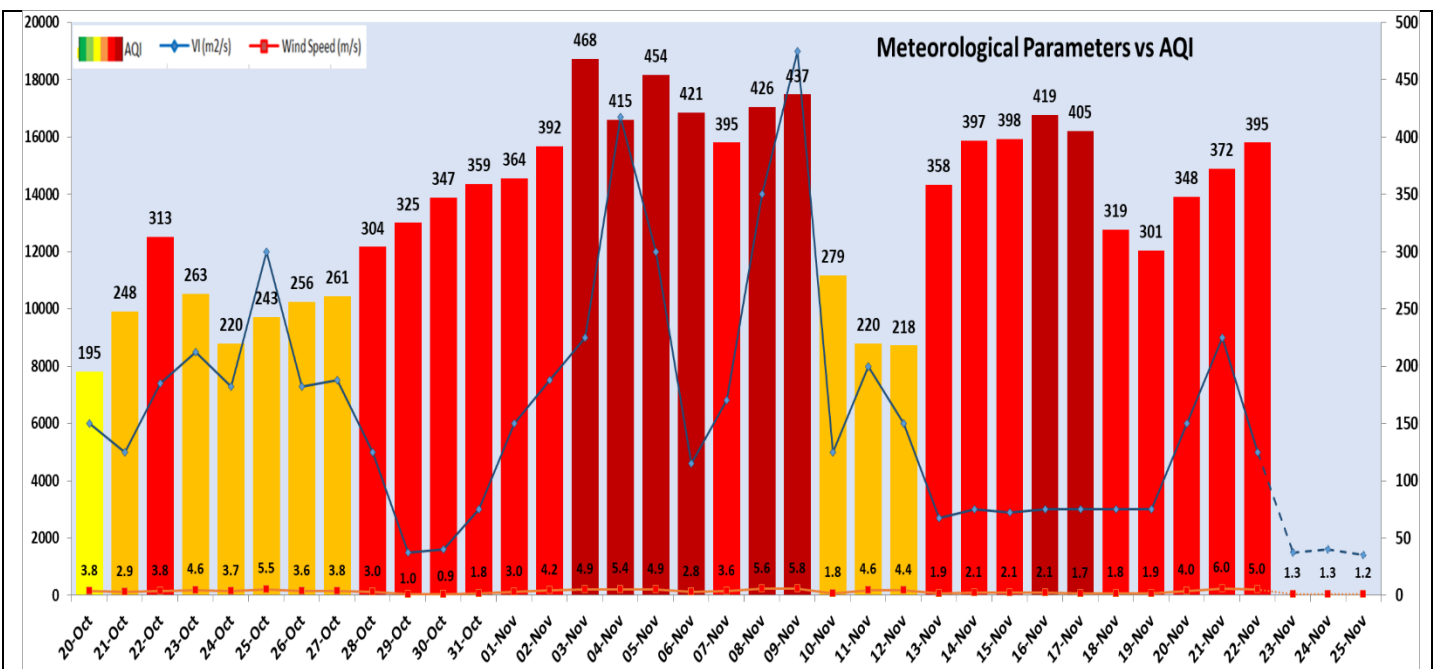
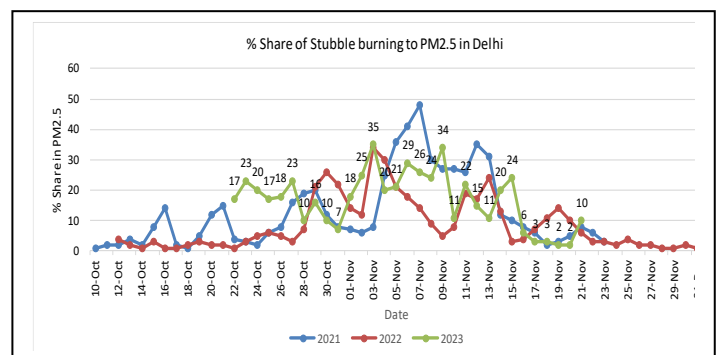
IMD Alert for Tomorrow (23.11.2023):

The air quality is likely to remain in the Very Poor category from 23.11.2023 to 25.11.2023. The predominant surface wind is likely to be coming from Southeast/East directions with wind speed up to 08 kmph during daytime and calm during evening/night, clear sky and shallow to moderate fog in the morning on 23.11.2023. Ventilation index is likely to be 1500 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
21.11.2023	513	35606	54	2177
21.11.2022	243	49526	11	3502
21.11.2021	168	71024	178	6642

*As per IITM, the impact of stubble burning is ~10% ↑



Delhi Temperature in (°C)		
Date	Minimum	Maximum
19-11-2023	12.2	28.7
20-11-2023	12.0	27.2
21-11-2023	11.5	27.1
22-11-2023	10.6	26.2

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Bawana, Delhi - DPCC	444	Severe	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	431	Severe	PM _{2.5}
	Mundka, Delhi - DPCC	430	Severe	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	429	Severe	PM _{2.5}
	Rohini, Delhi - DPCC	428	Severe	PM _{2.5}
Faridabad	Sector- 16A, Faridabad - HSPCB	376	Very Poor	PM _{2.5}
	Sector 30, Faridabad - HSPCB	368	Very Poor	PM _{2.5}
	New Industrial Town, Faridabad - HSPCB	362	Very Poor	PM ₁₀
Gurugram	NISE Gwal Pahari, Gurugram - IMD	370	Very Poor	PM _{2.5}
	Teri Gram, Gurugram - HSPCB	363	Very Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	362	Very Poor	PM _{2.5}
	Vasundhara, Ghaziabad - UPPCB	350	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	329	Very Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	363	Very Poor	PM _{2.5}