



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 20, 2023



Current Air Quality Status:

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

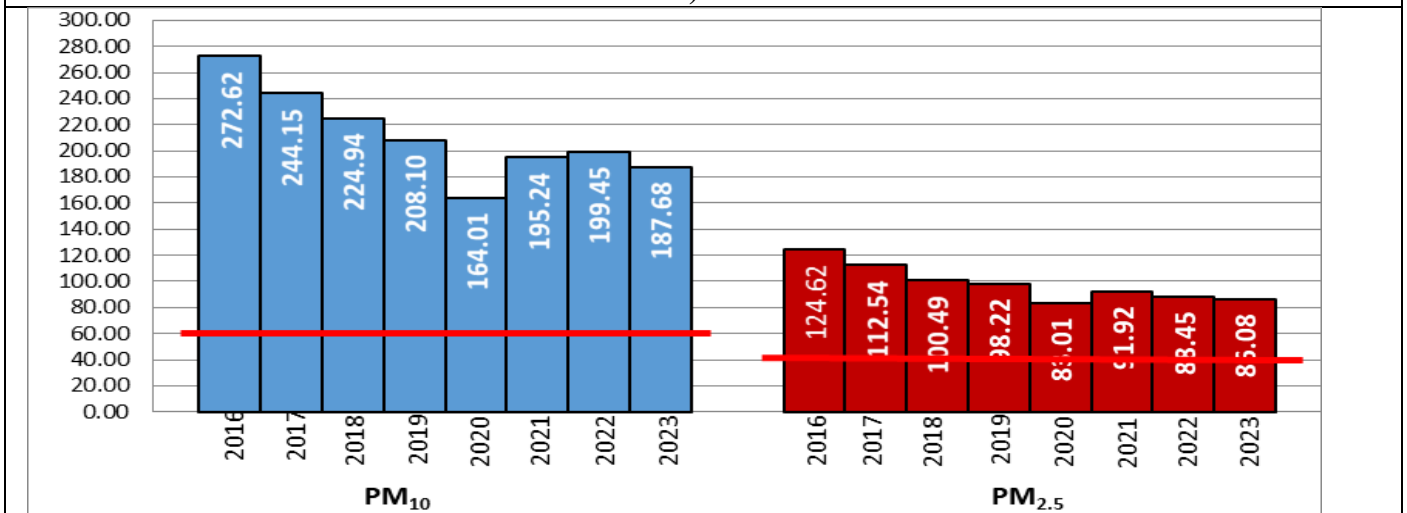
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	348↑	PM2.5	Very Poor	314↑	PM10, PM2.5	Very Poor	374↓	PM2.5
Faridabad	Very Poor	329↑	PM2.5	Poor	260↑	PM2.5	Very Poor	347↓	PM2.5
Ghaziabad	Very Poor	321↑	PM10, PM2.5	Poor	259↓	PM10	Very Poor	344↓	PM10, PM2.5
Greater Noida	Very Poor	318↑	PM2.5	Poor	288↑	PM10, PM2.5	Very Poor	322↓	PM2.5
Gurugram	Poor	261↑	PM2.5	Poor	284↑	PM2.5	Very Poor	345↓	PM2.5
Noida	Very Poor	331↑	PM2.5	Poor	254↑	PM2.5	Very Poor	356↓	PM10, PM2.5

*Data available for 38(2023), 36(2022), 36(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 20 November 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	313	324	324	324	325	324	324	324	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	102	107	93	60	69	123	72								
Very Poor (301-400)		69	64	48	40	30	44	37	35	203	173	167	149	100	127	164	118
Severe (>401)		18	7	12	16	10	14	4	11								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till November 19 (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)
19- November -2023	177 ↑	302 ↑

Hotspots for Today:

*Details given below

Delhi	Punjabi Bagh, Bawana, Jahangirpuri, Wazirpur, Nehru Nagar	Ghaziabad	Indirapuram,
Faridabad	New Industrial Town , Sector- 16A	Greater Noida	Knowledge Park - V
Gurugram	Sector-51, Vikas Sadan	Noida	Sector-116

Forecast by IITM (Delhi):

	Nov 21, 2023	Nov 22, 2023	Nov 23, 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 21. 2023	10-16	10	27	NW	NW
Nov 22. 2023	06-10	08	23	NW	NW
Nov 23. 2023	08	08	07	E	SE

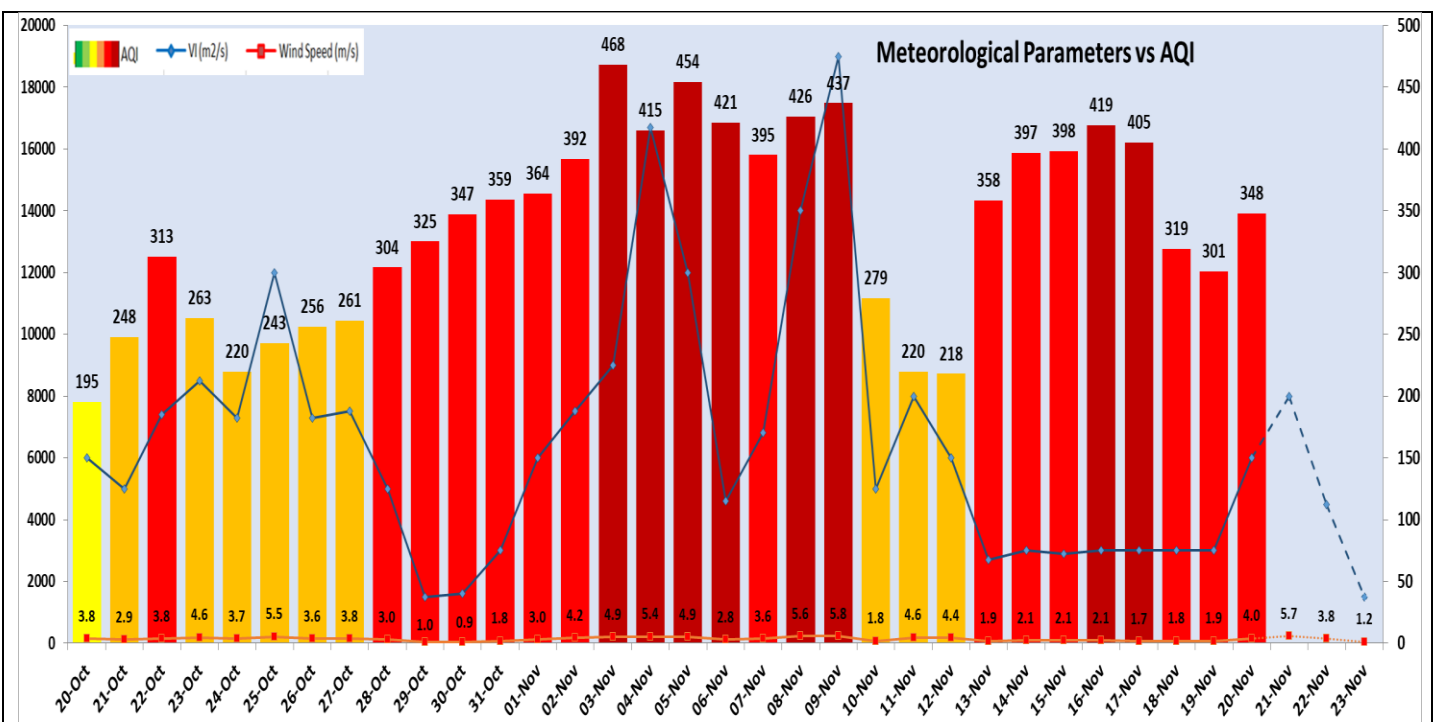
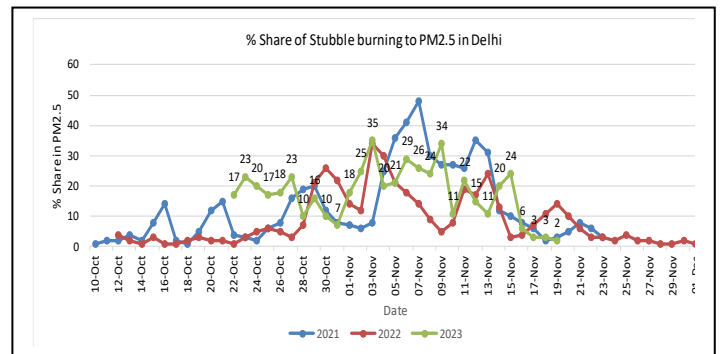
IMD Alert for Tomorrow (21.11.2023):

The air quality is likely to remain in the Very Poor category from 21.11.2023 to 23.11.2023. The predominant surface wind is likely to be coming from Northwest directions with wind speed 10-16 kmph, mainly clear sky and shallow fog in the morning on 21.11.2023. Ventilation index is likely to be 8000 m²/s.

Active Fire Events (AFEs):

Date	Punjab		Haryana	
	Nos. on the day	Total since September 15	Nos. on the day	Total since September 15
19.11.2023	740	34459	33	2085
19.11.2022	426	48915	79	3459
19.11.2021	448	70573	132	6337

*As per IITM, the impact of stubble burning is ~2%↓



Delhi Temperature in (°C)		
Date	Minimum	Maximum
17-11-2023	12.0	27.5
18-11-2023	12.8	28.2
19-11-2023	12.2	28.7
20-11-2023	12.0	27.2

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Punjabi Bagh, Delhi - DPCC	418	Severe	PM _{2.5}
	Bawana, Delhi - DPCC	414	Severe	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	402	Severe	PM _{2.5}
	Wazirpur, Delhi - DPCC	399	Very Poor	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	392	Very Poor	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	367	Very Poor	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	330	Very Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	343	Very Poor	PM _{2.5}
	Vikas Sadan, Gurugram - HSPCB	261	Poor	PM _{2.5}
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	343	Very Poor	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	355	Very Poor	PM _{2.5}
Noida	Sector-116, Noida - UPPCB	380	Very Poor	PM _{2.5}