



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 21, 2023



Current Air Quality Status:

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

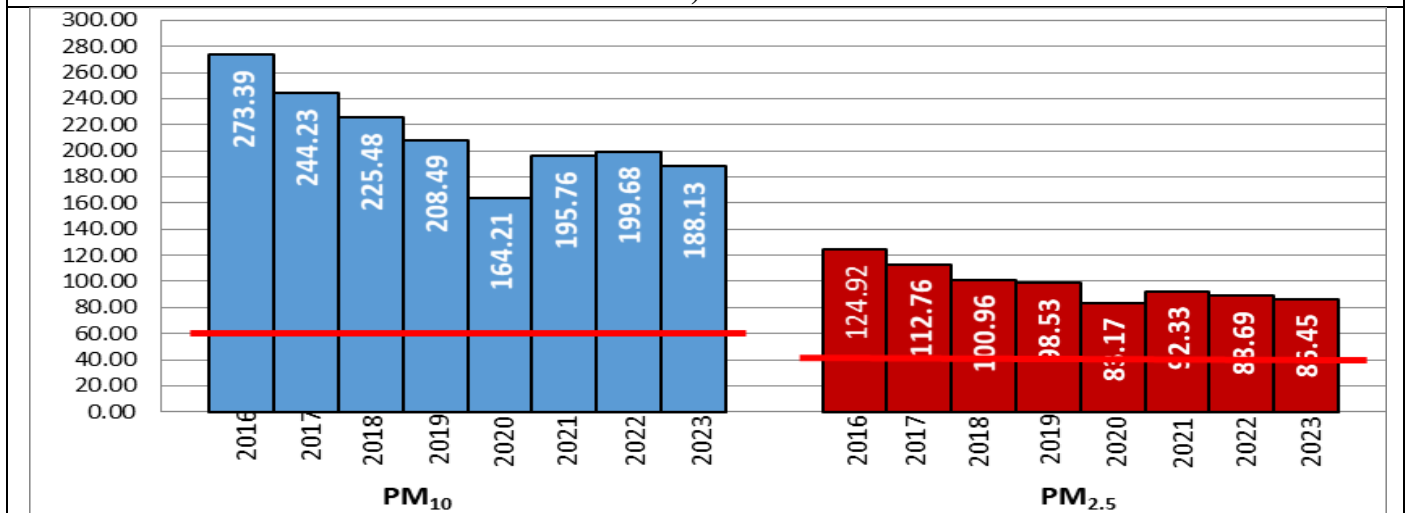
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	372↑	PM2.5	Very Poor	310↓	PM2.5	Very Poor	349↓	PM10, PM2.5
Faridabad	Very Poor	322↓	PM2.5	Poor	264↑	PM2.5	Very Poor	377↓	PM10, PM2.5
Ghaziabad	Very Poor	346↑	PM2.5	Poor	244↑	PM2.5	Very Poor	319↓	PM2.5
Greater Noida	Very Poor	304↓	PM2.5	Poor	275↓	PM2.5	Poor	298↓	PM2.5
Gurugram	Very Poor	331↑	PM2.5	Poor	276↓	PM2.5	Very Poor	364↑	PM2.5
Noida	Very Poor	330↓	PM2.5	Poor	256↑	PM2.5	Very Poor	322↓	PM10, PM2.5

*Data available for 36(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 21 November 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	314	325	325	325	326	325	325	325	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	103	107	93	61	69	123	72								
Very Poor (301–400)		70	64	49	41	30	45	38	36	204	174	168	150	101	128	165	119
Severe (>401)		18	7	12	16	10	14	4	11								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till November 20 (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)
20- November -2023	207 ↑	335 ↑

Hotspots for Today:

*Details given below

Delhi	Bawana, Mundka, Punjabi Bagh, Jahangirpuri, Nehru Nagar	Ghaziabad	Loni, Sanjay Nagar
Faridabad	Sector- 16A, New Industrial Town, Sector 11	Greater Noida	Knowledge Park -V
Gurugram	Teri Gram, Sector-51	Noida	Sector-62

Forecast by IITM (Delhi):

	Nov 22, 2023	Nov 23, 2023	Nov 24, 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 22. 2023	04	08	23	NW	NW
Nov 23. 2023	04	06	07	NW/E	SE
Nov 24. 2023	04	08	07	NE/E	NW

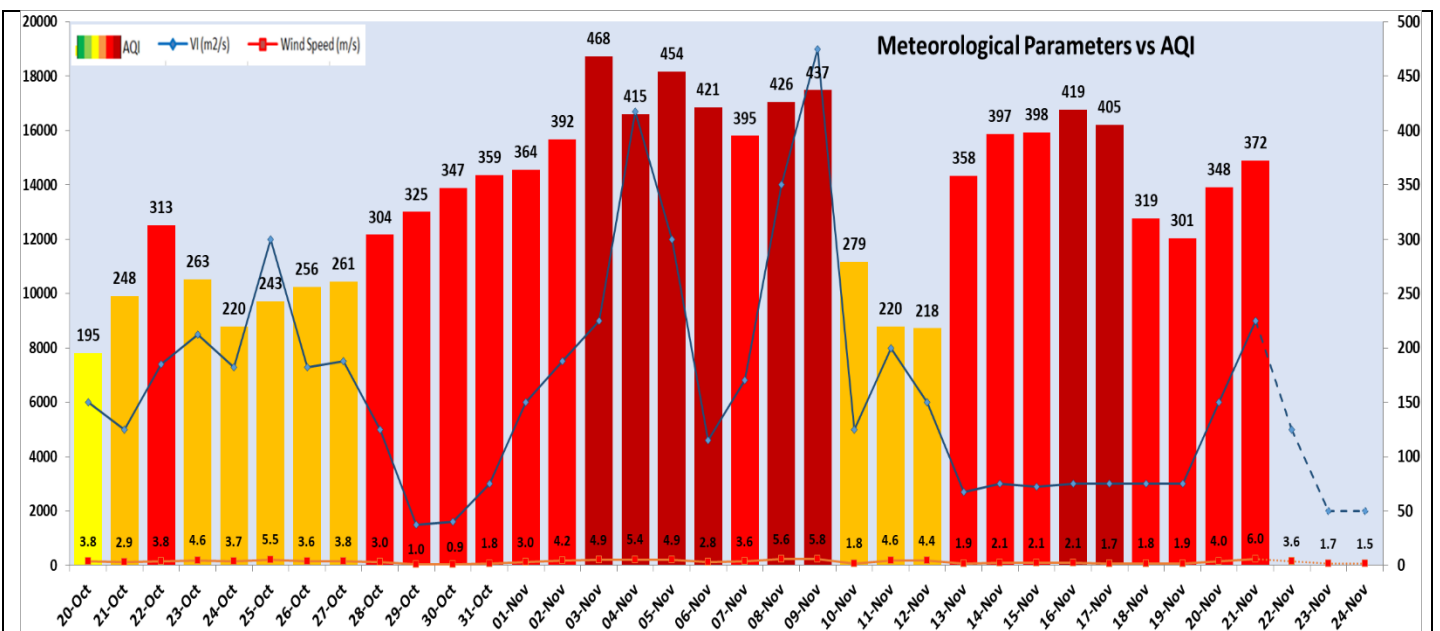
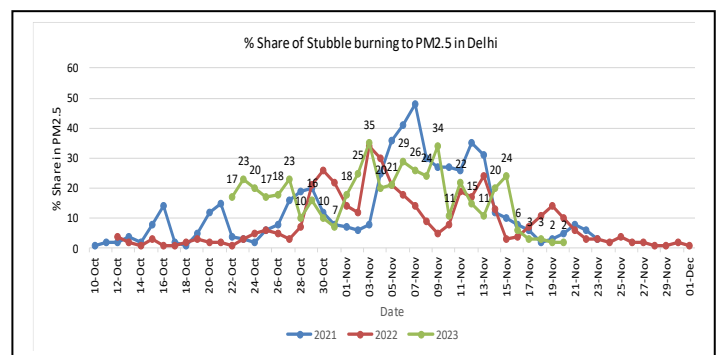
IMD Alert for Tomorrow (22.11.2023):

The air quality is likely to remain in the Very Poor category from 22.11.2023 to 24.11.2023. The predominant surface wind is likely to be coming from Northwest directions with wind speed up to 04 kmph during daytime and calm during evening/night, mainly clear sky and shallow fog in the morning on 22.11.2023. Ventilation index is likely to be 5000 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
20.11.2023	634	35093	38	2123
20.11.2022	368	49283	32	3491
20.11.2021	283	70856	127	6464

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



Delhi Temperature in (°C)		
Date	Minimum	Maximum
18-11-2023	12.8	28.2
19-11-2023	12.2	28.7
20-11-2023	12.0	27.2
21-11-2023	11.5	27.1

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Bawana, Delhi - DPCC	428	Severe	PM _{2.5}
	Mundka, Delhi - DPCC	417	Severe	PM _{2.5}
	Punjabi Bagh, Delhi - DPCC	407	Severe	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	405	Severe	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	401	Severe	PM _{2.5}
Faridabad	Sector- 16A, Faridabad - HSPCB	347	Very Poor	PM _{2.5}
	New Industrial Town, Faridabad - HSPCB	342	Very Poor	PM _{2.5}
	Sector 11, Faridabad - HSPCB	322	Very Poor	PM _{2.5}
Gurugram	Teri Gram, Gurugram - HSPCB	358	Very Poor	PM _{2.5}
	Sector-51, Gurugram - HSPCB	332	Very Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	353	Very Poor	PM _{2.5}
	Sanjay Nagar, Ghaziabad - UPPCB	347	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	311	Very Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	342	Very Poor	PM _{2.5}