



# Central Pollution Control Board

## Air Quality Status for Delhi & NCR

Dated – November 23, 2023



### Current Air Quality Status:

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

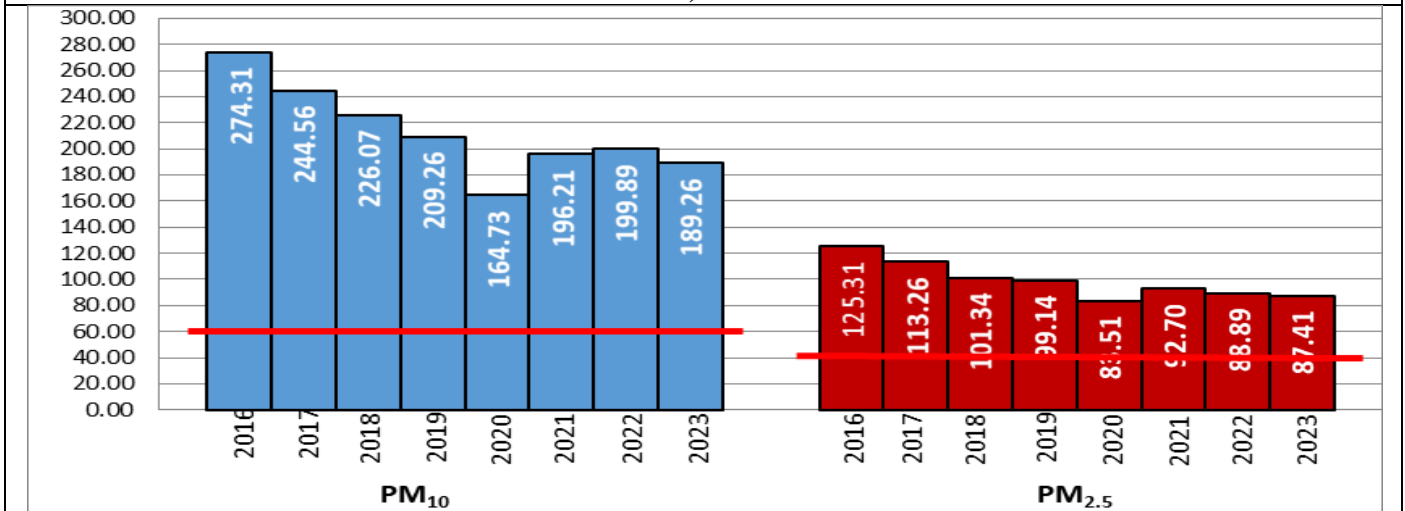
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	390↓	PM2.5	Poor	237 ↓	PM10, PM2.5	Poor	290↓	PM2.5
Faridabad	Very Poor	398↑	PM10, PM2.5	Moderate	198 ↓	PM2.5	Poor	279↓	PM10, PM2.5
Ghaziabad	Very Poor	361↑	PM10, PM2.5	Moderate	190 ↑	PM10	Poor	268↑	PM2.5
Greater Noida	Very Poor	336↑	PM2.5	Moderate	198 ↓	PM10	Poor	255↑	PM2.5
Gurugram	Very Poor	331↓	PM2.5	Poor	212 ↓	PM2.5	Poor	276↓	PM2.5
Noida	Very Poor	353↑	PM2.5	Moderate	182 ↓	PM2.5	Poor	252↓	PM10, PM2.5

\*Data available for 38(2023), 36(2022), 37(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 23 November 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	316	327	327	327	328	327	327	327	206	176	170	152	103	130	167	121
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	63	70	125	72								
Very Poor (301-400)		72	65	51	43	30	46	38	38								
Severe (>401)		18	7	12	16	10	14	4	11								

#### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average - Till November 22 (2016-2023)



\*Red line shows the annual average concentration standards for PM<sub>10</sub> and PM<sub>2.5</sub>.

#### Daily Average of Particulates in Delhi

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
22- November -2023	241 ↓	382 ↑

Hotspots for Today:

\*Details given below

Delhi	Bawana, Jahangirpuri, Nehru Nagar, Wazirpur, Punjabi Bagh	Ghaziabad	Loni, Vasundhara, Indirapuram
Faridabad	New Industrial Town	Greater Noida	Knowledge Park - V
Gurugram	Sector-51	Noida	Sector - 62, Sector - 125, Sector-116

Forecast by IITM (Delhi):

	Nov 24, 2023	Nov 25, 2023	Nov 26, 2023
<b>AQI Category</b>	Very Poor	Severe	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 24. 2023	04	08	11	NNE	NW
Nov 25. 2023	04-06	09	03	NE/SE	W
Nov 26. 2023	04-06	05	20	E/SE	SE

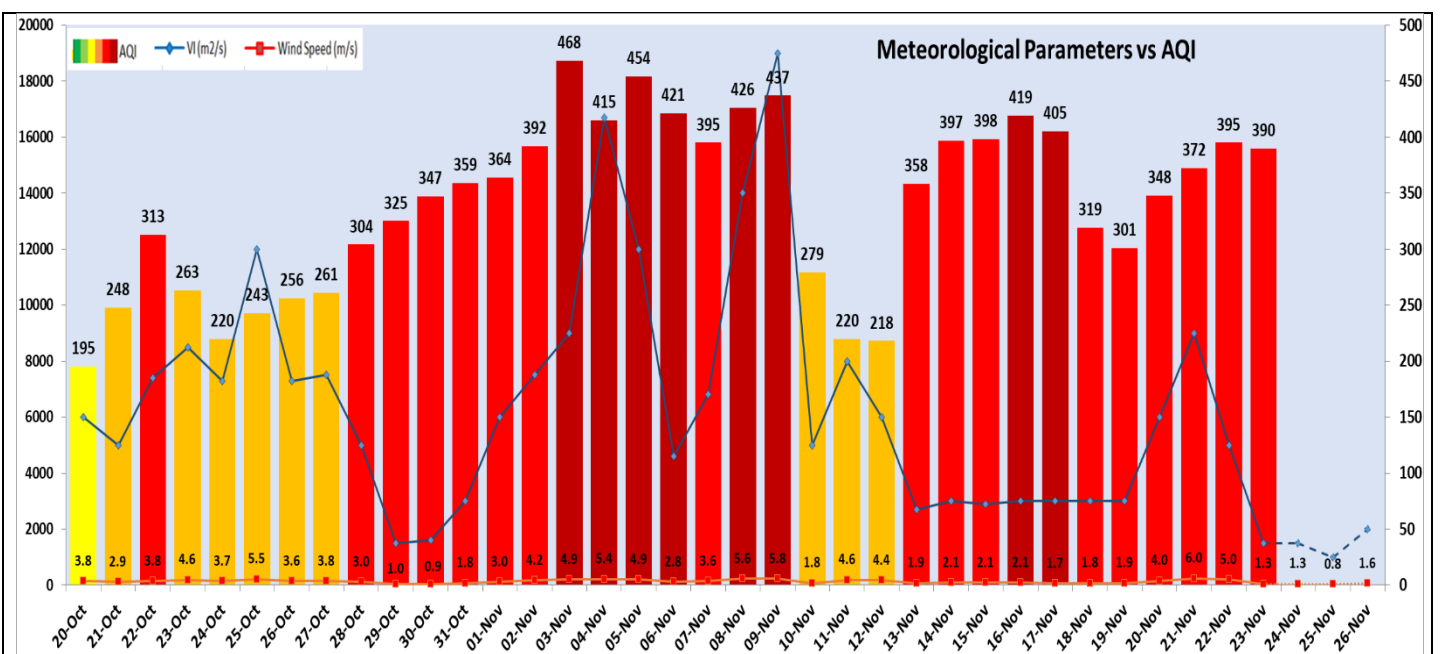
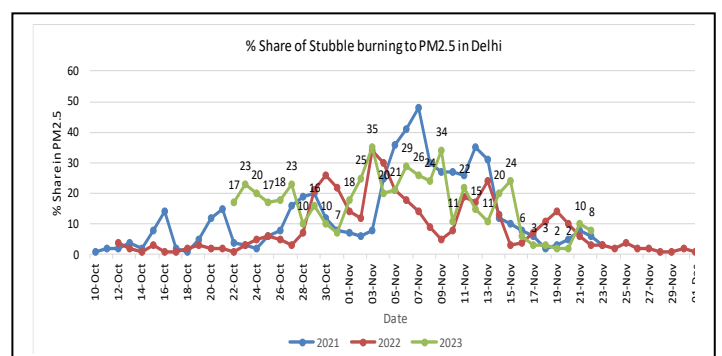
IMD Alert for Tomorrow (24.11.2023):

The air quality is likely to remain in the Very Poor category from 24.11.2023. The predominant surface wind is likely to be calm in the morning hours and coming from Northeast directions with wind speed up to 04 kmph during daytime, mainly clear sky and shallow to moderate fog in the morning on 24.11.2023. Ventilation index is likely to be 2500 m<sup>2</sup>/s.

Active Fire Events (AFEs):

Date	Punjab		Haryana	
	Nos. on the day	Total since September 15	Nos. on the day	Total since September 15
22.11.2023	512	36118	62	2239
22.11.2022	78	49604	20	3522
22.11.2021	66	71090	91	6733

\*As per IITM, the impact of stubble burning is ~8%↓



Delhi Temperature in (°C)		
Date	Minimum	Maximum
20-11-2023	12.0	27.2
21-11-2023	11.5	27.1
22-11-2023	10.6	26.2
23-11-2023	9.2	25.7

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Bawana, Delhi - DPCC	443	Severe	PM <sub>2.5</sub>
	Jahangirpuri, Delhi - DPCC	433	Severe	PM <sub>2.5</sub>
	Nehru Nagar, Delhi - DPCC	429	Severe	PM <sub>2.5</sub>
	Wazirpur, Delhi - DPCC	428	Severe	PM <sub>2.5</sub>
	Punjabi Bagh, Delhi - DPCC	424	Severe	PM <sub>2.5</sub>
Faridabad	New Industrial Town, Faridabad - HSPCB	451	Severe	PM <sub>10</sub>
Gurugram	Sector-51, Gurugram - HSPCB	356	Very Poor	PM <sub>2.5</sub>
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	393	Very Poor	PM <sub>10</sub>
	Loni, Ghaziabad - UPPCB	385	Very Poor	PM <sub>2.5</sub>
	Vasundhara, Ghaziabad - UPPCB	367	Very Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	337	Very Poor	PM <sub>2.5</sub>
Noida	Sector - 62, Noida - IMD	363	Very Poor	PM <sub>2.5</sub>
	Sector - 125, Noida - UPPCB	356	Very Poor	PM <sub>2.5</sub>
	Sector-116, Noida - UPPCB	354	Very Poor	PM <sub>2.5</sub>