



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 16, 2023



## Current Air Quality Status:

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

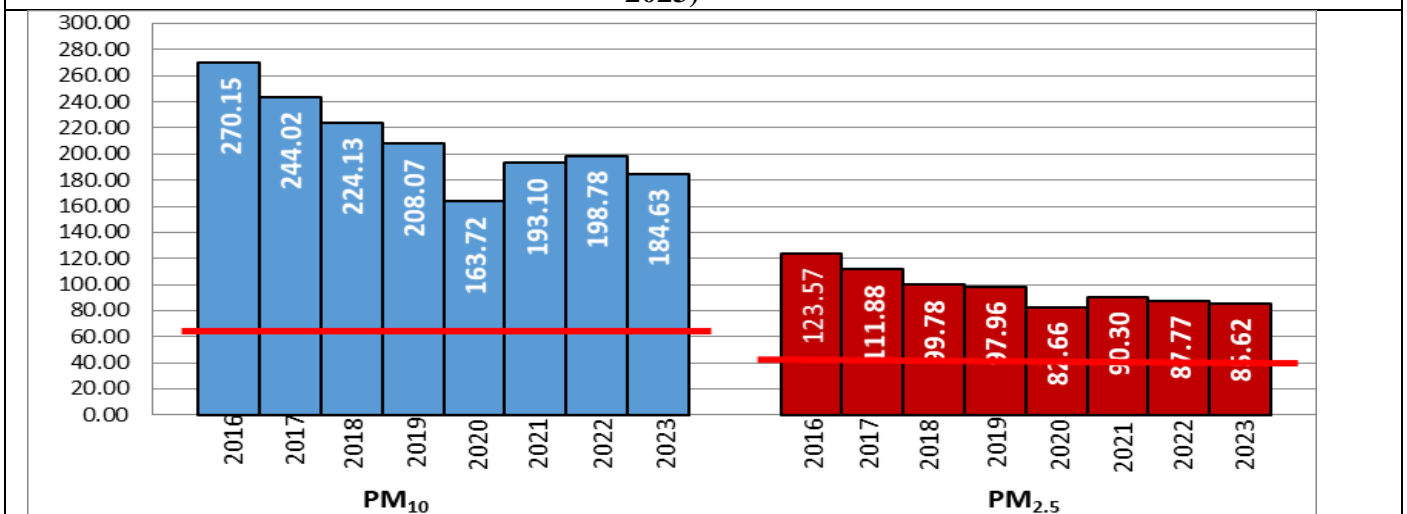
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Severe	419 ↑	PM2.5	Poor	264 ↑	PM2.5	Severe	403 ↑	PM10, PM2.5
Faridabad	Severe	424 ↑	PM2.5	Poor	266 ↑	PM2.5	Very Poor	370 ↑	PM10, PM2.5
Ghaziabad	Very Poor	376 ↓	PM10, PM2.5	Poor	218 ↑	PM2.5	Very Poor	356 ↑	PM2.5
Greater Noida	Very Poor	340 ↑	PM2.5	Poor	234 ↑	PM10	Very Poor	361 ↑	PM2.5
Gurugram	Very Poor	363 ↑	PM2.5	Poor	248 ↑	PM2.5	Very Poor	369 ↑	PM2.5
Noida	Very Poor	355 ↓	PM2.5	Poor	220 ↑	PM2.5	Very Poor	397 ↑	PM10, PM2.5

\*Data available for 35(2023), 36(2022), 38(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 16 November 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023	
	No. of days	309	320	320	320	321	320	320	320									
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	224	197	160	206	
Moderate (101-200)		86	104	104	115	124	124	92	145									
Poor (201-300)		116	102	104	90	57	69	120	72									
Very Poor (301-400)		65	60	47	39	30	40	36	32	199	169	163	145	97	123	160	114	
Severe (>401)		18	7	12	16	10	14	4	10									

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average - Till November 15 (2016-2023)



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

### 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> )
15- November -2023	261 ↑	379 ↑

Hotspots for Today:

\*Details given below

Delhi	Mundka, Bawana, Jahangirpuri, Nehru Nagar, Punjabi Bagh	Ghaziabad	Indirapuram , Vasundhara
Faridabad	New Industrial Town	Greater Noida	Knowledge Park -III
Gurugram	Sector-51	Noida	Sector – 62, Sector – 1

Forecast by IITM (Delhi):

	Nov 17, 2023	Nov 18, 2023	Nov 19, 2023
<b>AQI Category</b>	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 17. 2023	04	02	07	NE	NE
Nov 18. 2023	04	02	04	NE	E
Nov 19. 2023	04	01	03	E/SE	SE

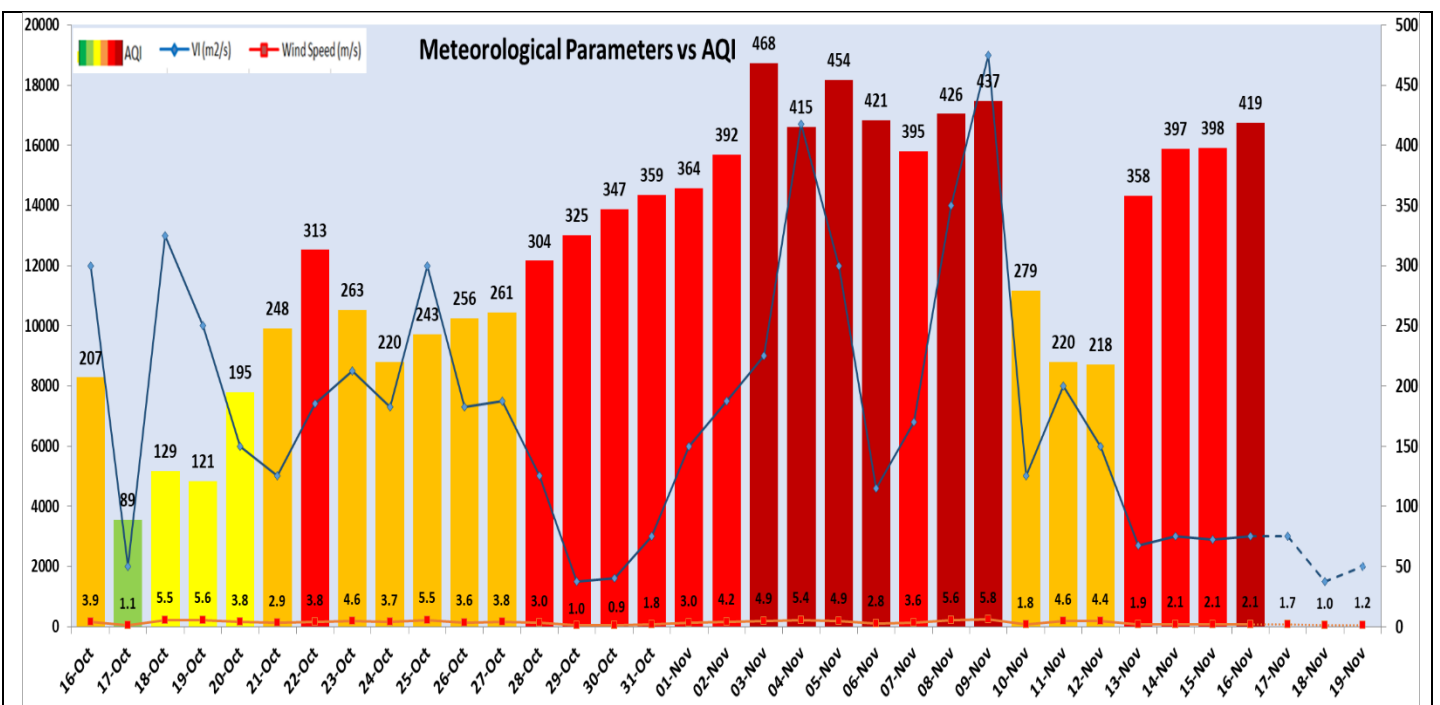
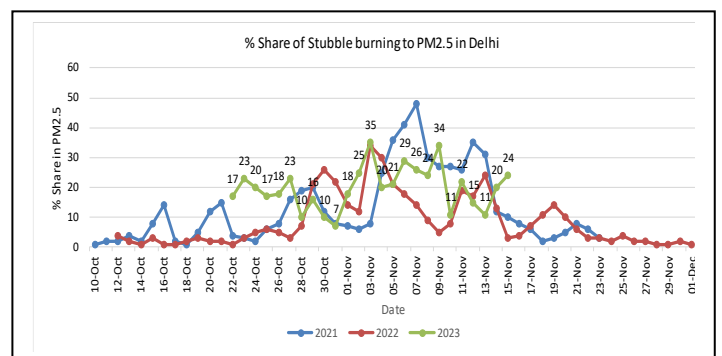
IMD Alert for Tomorrow (17.11.2023):

The air quality is likely to remain in Very Poor category from 17.11.2023 to 19.11.2023. The predominant surface wind is likely to be coming from Northeast directions in Delhi with wind speed 04 kmph during noon hours and remain calm during morning/evening and night, mainly clear sky and shallow to moderate fog in the morning on 17.11.2023. Ventilation index is likely to be 3000 m<sup>2</sup>/s.

Active Fire Events (AFE):

Date	Punjab		Haryana	
	Nos. on the day	Total since September 15	Nos. on the day	Total since September 15
15.11.2023	2544	30661	62	1940
15.11.2022	141	45464	21	3149
15.11.2021	1761	67165	129	5724

\*As per IITM, the impact of stubble burning is ~24% ↑



Delhi Temperature in (°C)		
Date	Minimum	Maximum
13-11-2023	11.8	27.5
14-11-2023	12.0	27.3
15-11-2023	10.9	25.9
16-11-2023	11.3	27.4

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Mundka, Delhi - DPCC	462	Severe	PM <sub>2.5</sub>
	Bawana, Delhi - DPCC	460	Severe	PM <sub>2.5</sub>
	Jahangirpuri, Delhi - DPCC	455	Severe	PM <sub>2.5</sub>
	Nehru Nagar, Delhi - DPCC	455	Severe	PM <sub>2.5</sub>
	Punjabi Bagh, Delhi - DPCC	454	Severe	PM <sub>2.5</sub>
Faridabad	New Industrial Town, Faridabad - HSPCB	442	Severe	PM <sub>2.5</sub>
Gurugram	Sector-51, Gurugram - HSPCB	406	Severe	PM <sub>2.5</sub>
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	397	Very Poor	PM <sub>10</sub>
	Vasundhara, Ghaziabad - UPPCB	380	Very Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	340	Very Poor	PM <sub>2.5</sub>
Noida	Sector - 62, Noida - IMD	374	Very Poor	PM <sub>2.5</sub>
	Sector-1, Noida - UPPCB	369	Very Poor	PM <sub>2.5</sub>