



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 01, 2023



## Current Air Quality Status:

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

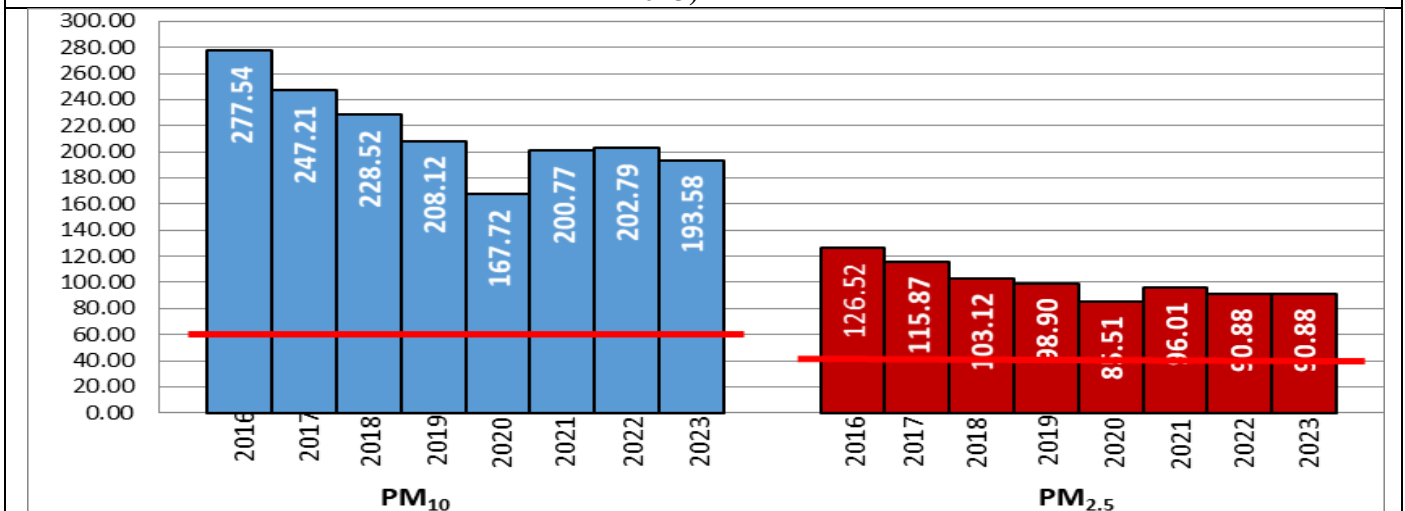
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	372↓	PM2.5	Very Poor	368↑	PM2.5	Very Poor	370 ↑	PM10, PM2.5
Faridabad	Poor	294↓	PM10, PM2.5	Very Poor	312↓	PM2.5	Very Poor	384 ↑	PM10, PM2.5
Ghaziabad	Very Poor	312↓	PM2.5	Very Poor	314↓	PM10	Very Poor	387 ↑	PM10, PM2.5
Greater Noida	Very Poor	350↓	PM2.5	Very Poor	384↓	PM10, PM2.5	Very Poor	358 ↑	PM2.5
Gurugram	Very Poor	310↓	PM2.5	Poor	292↓	PM2.5	Very Poor	360 ↑	PM2.5
Noida	Very Poor	349↓	PM2.5	Very Poor	301↓	PM10, PM2.5	Very Poor	360 ↑	PM10, PM2.5

\*Data available for 36(2023), 37(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 01 December 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	324	335	335	335	336	335	335	335	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	59	96	72	65	60	110	151	157	179	226	197	160	206
Moderate (101-200)		86	104	104	118	126	124	92	145								
Poor (201-300)		119	104	109	97	65	70	127	73								
Very Poor (301-400)		75	73	57	43	34	51	44	44	214	184	178	156	110	138	175	129
Severe (>401)		20	7	12	16	11	17	4	12								

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average - Till November 30 (2016-2023)



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

### Daily Average of Particulates in Delhi (24 hourly average value; from 06:00am of 30.11.23 to 06:00 am of 01.12.23)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
30- November -2023	240↑	363↑

Hotspots for Today:

\*Details given below

Delhi	Vivek Vihar, Nehru Nagar, Patparganj, Okhla Phase-2, Punjabi Bagh	Ghaziabad	Loni, Vasundhara, Sanjay Nagar
Faridabad	Sector- 16A, New Industrial Town, Sector 11	Greater Noida	Knowledge Park -V
Gurugram	NISE Gwal Pahari , Vikas Sadan	Noida	Sector – 1, Sector - 116

Forecast by IITM (Delhi):

	Dec 02, 2023	Dec 03, 2023	Dec 04, 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
Dec 02. 2023	06-08	08	10	N	NW
Dec 03. 2023	04-06	08	08	NW	NW
Dec 04. 2023	04-06	09	15	N/NW	NW

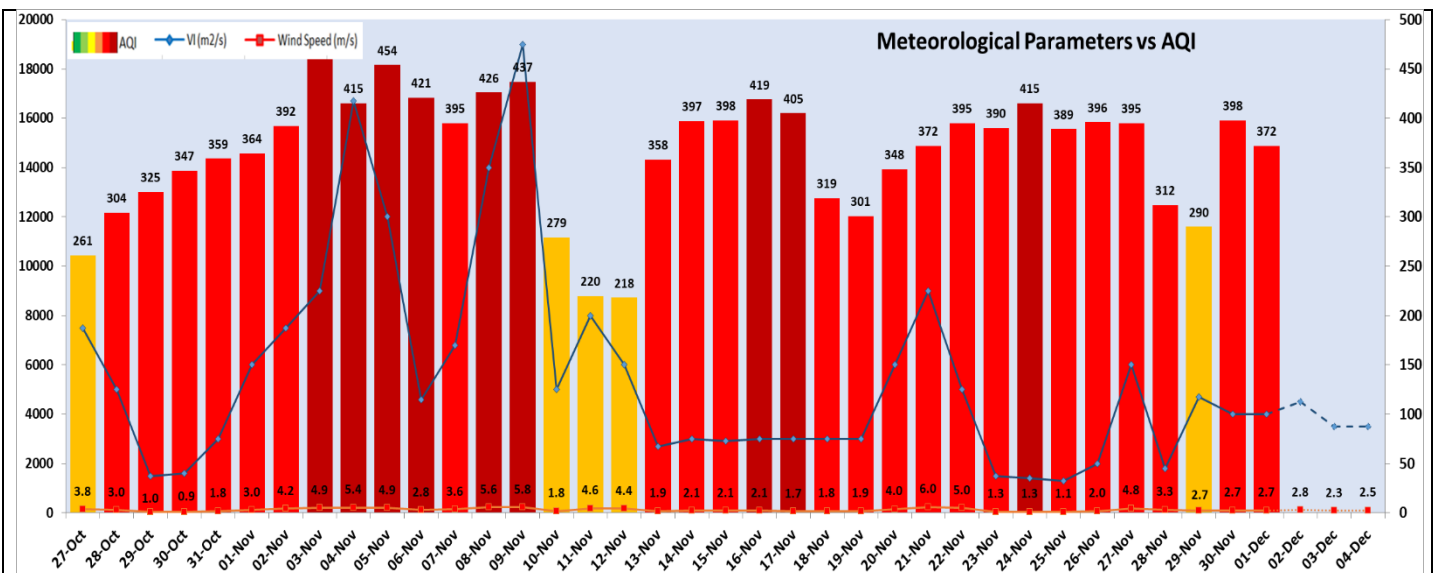
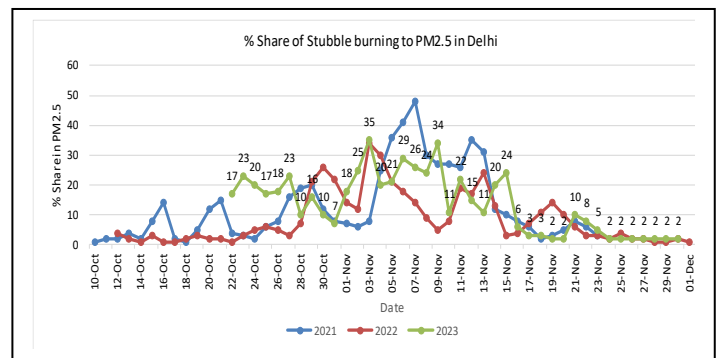
IMD Alert for Tomorrow (02.12.2023):

The air quality is likely to remain in Very Poor category from 02.12.2023 to 04.12.2023. The predominant surface wind is likely to be calm during morning hours and coming from North directions in Delhi with wind speed 06-08 kmph, mainly clear sky and shallow to moderate fog in the morning on 02.12.2023. Ventilation index is likely to be 4500 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
30.11.2023	13	36663	7	2303
30.11.2022	15	49922	14	3661
30.11.2021	5	71304	18	6987

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



Delhi Temperature in (°C)		
Date	Minimum	Maximum
28-11-2023	14.2	24.2
29-11-2023	11.5	22.0
30-11-2023	12.6	25.5
01-12-2023	13.3	25.1

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Vivek Vihar, Delhi - DPCC	428	Severe	PM <sub>2.5</sub>
	Nehru Nagar, Delhi - DPCC	426	Severe	PM <sub>2.5</sub>
	Patparganj, Delhi - DPCC	415	Severe	PM <sub>2.5</sub>
	Okhla Phase-2, Delhi - DPCC	412	Severe	PM <sub>2.5</sub>
	Punjabi Bagh, Delhi - DPCC	402	Severe	PM <sub>2.5</sub>
Faridabad	Sector- 16A, Faridabad - HSPCB	384	Very Poor	PM <sub>2.5</sub>
	New Industrial Town, Faridabad - HSPCB	357	Very Poor	PM <sub>10</sub>
	Sector 11, Faridabad - HSPCB	339	Very Poor	PM <sub>2.5</sub>
Gurugram	NISE Gwal Pahari, Gurugram - IMD	344	Very Poor	PM <sub>2.5</sub>
	Vikas Sadan, Gurugram - HSPCB	325	Very Poor	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	333	Very Poor	PM <sub>2.5</sub>
	Vasundhara, Ghaziabad - UPPCB	333	Very Poor	PM <sub>2.5</sub>
	Sanjay Nagar, Ghaziabad - UPPCB	315	Very Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	371	Very Poor	PM <sub>2.5</sub>
Noida	Sector-1, Noida - UPPCB	361	Very Poor	PM <sub>2.5</sub>
	Sector-116, Noida - UPPCB	351	Very Poor	PM <sub>2.5</sub>