



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 02, 2023



## Current Air Quality Status:

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

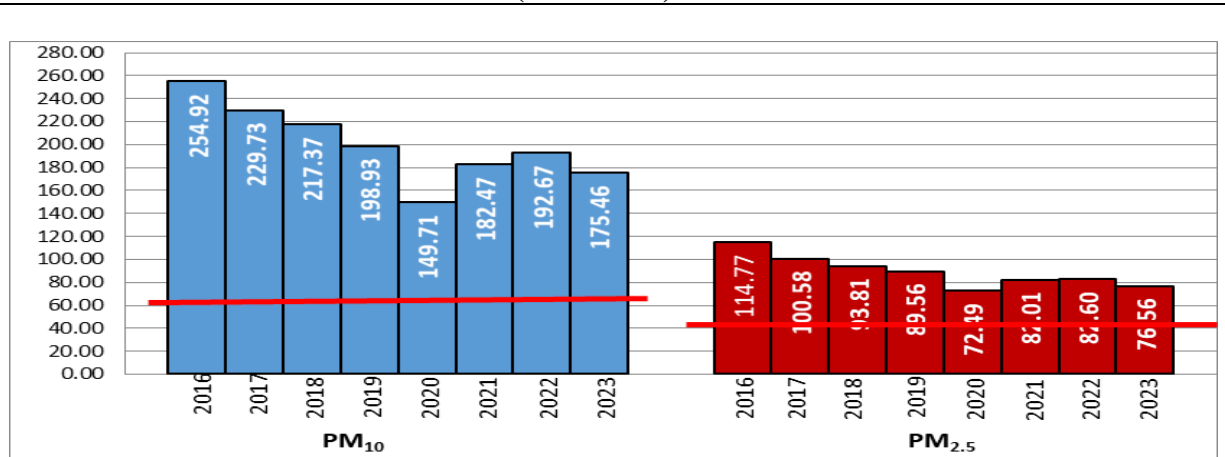
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	392 ↑	PM <sub>2.5</sub>	Very Poor	376 ↓	PM <sub>10</sub> , PM <sub>2.5</sub>	Very Poor	303 ↑	PM <sub>10</sub> , PM <sub>2.5</sub>
Faridabad	Very Poor	368 ↑	PM <sub>2.5</sub>	Very Poor	346 ↓	PM <sub>10</sub> , PM <sub>2.5</sub>	Very Poor	306 ↑	PM <sub>10</sub> , PM <sub>2.5</sub>
Ghaziabad	Poor	286 ↑	PM <sub>2.5</sub>	Very Poor	332 ↓	PM <sub>2.5</sub>	Very Poor	334 ↓	PM <sub>2.5</sub>
Greater Noida	Severe	402 ↑	PM <sub>10</sub>	Very Poor	336 ↓	PM <sub>10</sub>	Poor	276 ↓	PM <sub>10</sub> , PM <sub>2.5</sub>
Gurugram	Poor	297 ↑	PM <sub>2.5</sub>	Very Poor	310 ↓	PM <sub>2.5</sub>	Poor	287 ↑	PM <sub>10</sub> , PM <sub>2.5</sub>
Noida	Very Poor	351 ↑	PM <sub>2.5</sub>	Very Poor	339 ↓	PM <sub>10</sub> , PM <sub>2.5</sub>	Very Poor	303 ↑	PM <sub>2.5</sub>

\*Data available for 34(2023), 34(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 02 November 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	295	306	306	306	307	306	306	306								
Good (0-50)		0	2	0	2	4	1	3	1								
Satisfactory (51-100)		24	45	53	58	96	72	65	60	110	151	156	175	224	197	160	206
Moderate (101-200)		86	104	103	115	124	124	92	145								
Poor (201-300)		116	101	103	88	56	69	115	69								
Very Poor (301-400)		59	52	40	33	25	34	29	28	185	155	150	131	83	109	146	100
Severe (>401)		10	2	7	10	2	6	2	3								

## Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average - Till November 01 (2016-2023)



## 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> )
01- November -2023	187	352

Hotspots for Today:

\*Details given below

Delhi	Mundka, Anand Vihar, Bawana, Punjabi Bagh, Rohini	Ghaziabad	Vasundhara, Sanjay Nagar, Indirapuram
Faridabad	Sector- 11 , Sector- 16A	Greater Noida	Knowledge Park III
Gurugram	NISE Gwal Pahari, Vikas Sadan,	Noida	Sector – 62

Forecast by IITM (Delhi):

	Nov 03, 2023		Nov 04, 2023		Nov 05, 2023	
	Concentration	AQI Category	Concentration	AQI Category	Concentration	AQI Category
PM <sub>10</sub>	370-380	Very Poor	357-367	Very Poor	375-385	Very Poor
PM <sub>2.5</sub>	194-207	Very Poor	181-194	Very Poor	207-220	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 03 , 2023	04-10	08	20	E/N
Nov 04 , 2023	06-08	06	12	SE/NE	W
Nov 05 , 2023	06-08	08	16	SE/NW	NW

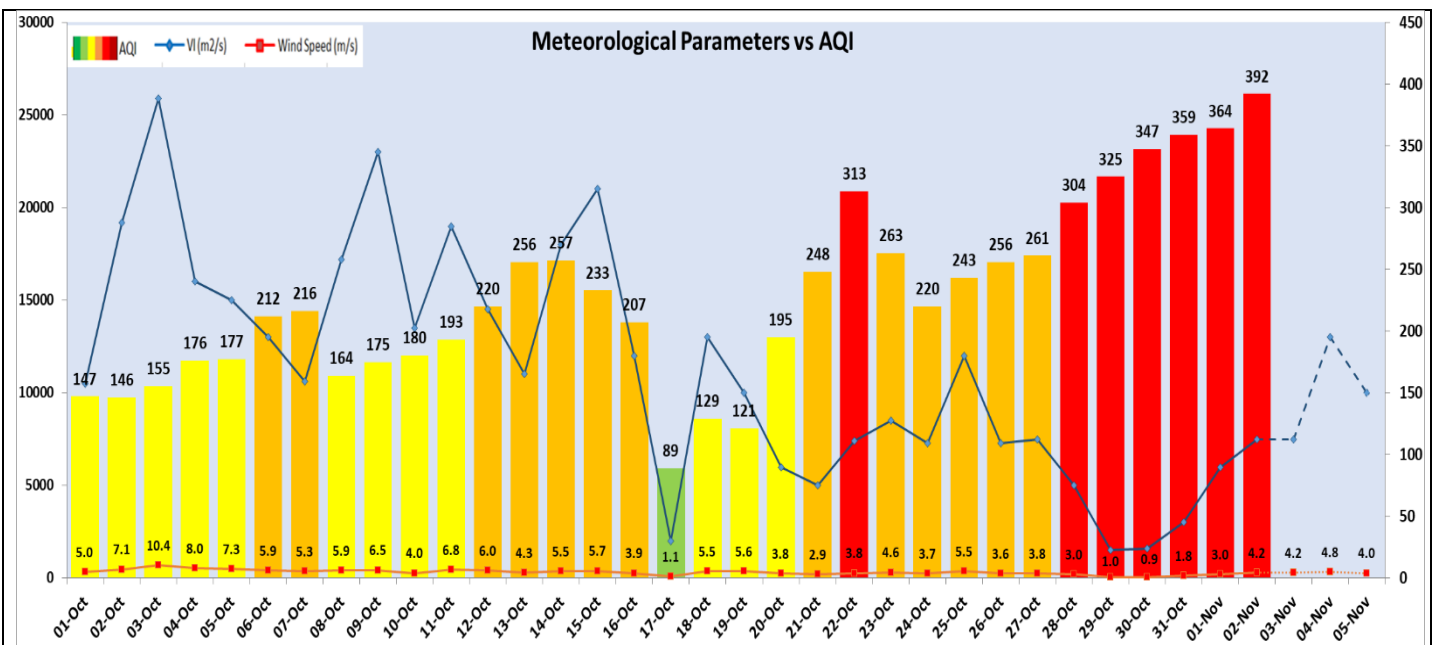
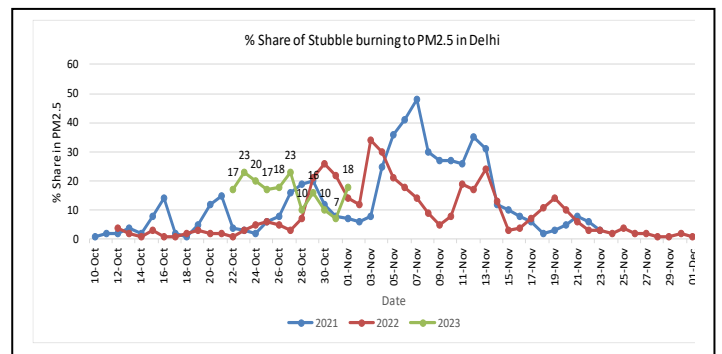
IMD Alert for Tomorrow (03.11.2023):

The air quality is likely to be in Very Poor category from 03.11.2023 to 05.11.2023. The predominant surface wind is likely to be coming from East/North directions in Delhi with wind speed 04-10 kmph, mainly clear sky and mist/shallow fog in the morning on 03.11.2023. Ventilation index is likely to be 16000 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
01.11.2023	1921	9594	99	1296
01.11.2022	1842	17846	88	2083
01.11.2021	1796	15065	124	3038

\* As per IITM, the impact of stubble burning is ~18 %.



▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Mundka, Delhi - DPCC	453	Severe	PM <sub>2.5</sub>
	Anand Vihar, Delhi - DPCC	449	Severe	PM <sub>10</sub>
	Bawana, Delhi - DPCC	445	Severe	PM <sub>2.5</sub>
	Punjabi Bagh, Delhi - DPCC	445	Severe	PM <sub>2.5</sub>
	Rohini, Delhi - DPCC	441	Severe	PM <sub>10</sub>
Faridabad	Sector 11, Faridabad - HSPCB	408	Severe	PM <sub>2.5</sub>
	Sector- 16A, Faridabad - HSPCB	381	Very Poor	PM <sub>2.5</sub>
Gurugram	NISE Gwal Pahari, Gurugram - IMD	360	Very Poor	PM <sub>2.5</sub>
	Vikas Sadan, Gurugram - HSPCB	301	Very Poor	PM <sub>2.5</sub>
Ghaziabad	Vasundhara, Ghaziabad - UPPCB	301	Very Poor	PM <sub>2.5</sub>
	Sanjay Nagar, Ghaziabad - UPPCB	300	Poor	PM <sub>2.5</sub>
	Indirapuram, Ghaziabad - UPPCB	291	Poor	PM <sub>10</sub>
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	418	Severe	PM <sub>10</sub>
Noida	Sector - 62, Noida - IMD	398	Very Poor	PM <sub>2.5</sub>