



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 05, 2023



## Current Air Quality Status:

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

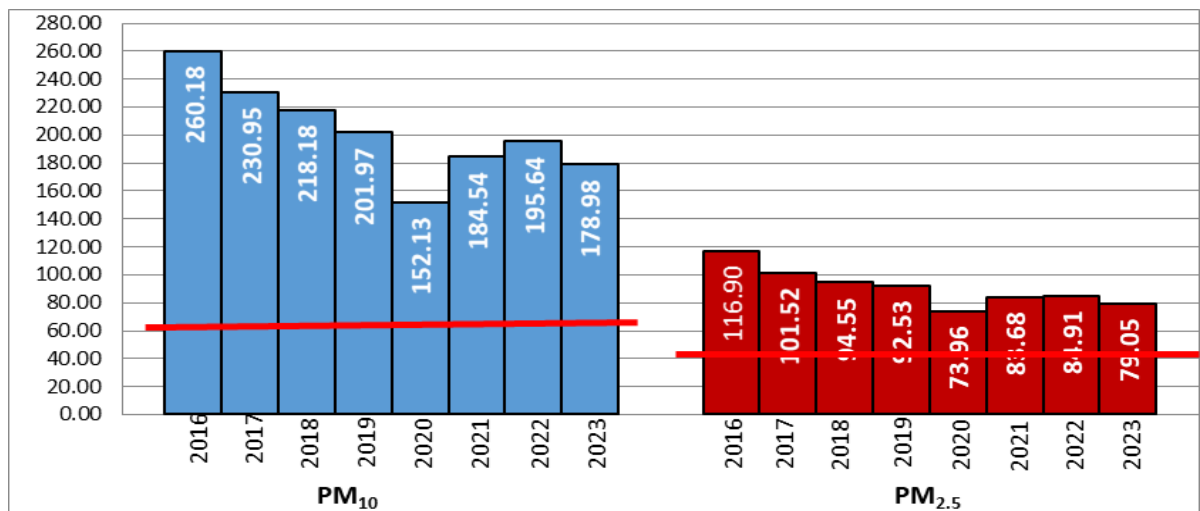
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Severe	454 ↑	PM2.5, PM10	Very Poor	381 ↓	PM2.5	Severe	462 ↑	PM2.5
Faridabad	Severe	450 ↑	PM2.5	Very Poor	334 ↓	PM2.5	Severe	469 ↑	PM2.5
Ghaziabad	Very Poor	394	PM2.5	Very Poor	322 ↓	PM2.5	Severe	470 ↑	PM10, PM2.5
Greater Noida	Severe	410 ↓	PM2.5	Very Poor	312 ↓	PM2.5	Severe	464 ↑	PM2.5
Gurugram	Severe	402 ↓	PM2.5	Very Poor	357 ↓	PM2.5	Severe	472 ↑	PM2.5
Noida	Severe	414 ↑	PM2.5	Very Poor	357 ↓	PM2.5	Severe	475 ↑	PM2.5

\*Data available for 32(2023), 37(2022), 35(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 05 November 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	298	309	309	309	310	309	309	309	110	151	156	175	224	197	160	206
Good (0-50)		0	2	0	2	4	1	3	1								
Satisfactory (51-100)		24	45	53	58	96	72	65	60								
Moderate (101-200)		86	104	103	115	124	124	92	145								
Poor (201-300)		116	102	104	90	56	69	115	69								
Very Poor (301-400)		61	53	41	34	27	36	30	28	188	158	153	134	86	112	149	103
Severe (>401)		11	3	8	10	3	7	4	6								

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average - Till November 04 (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> )
04- November -2023	357	559

Hotspots for Today:

\*Details given below

Delhi	Dwarka-Sector 8, R K Puram, Bawana, Najafgarh, Mundka	Ghaziabad	Vasundhara
Faridabad	New Industrial Town , Sector- 16A	Greater Noida	Knowledge Park III
Gurugram	Teri Gram, NISE Gwal Pahari	Noida	Sector – 62

Forecast by IITM (Delhi):

	<b>Nov 06, 2023</b>	<b>Nov 07, 2023</b>	<b>Nov 08, 2023</b>
AQI Category	Severe	Severe	Severe

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 06 , 2023	04-06	07	05	NW	W
Nov 07 , 2023	04-12	07	13	NW	W
Nov 08 , 2023	06-10	08	21	NW	NW

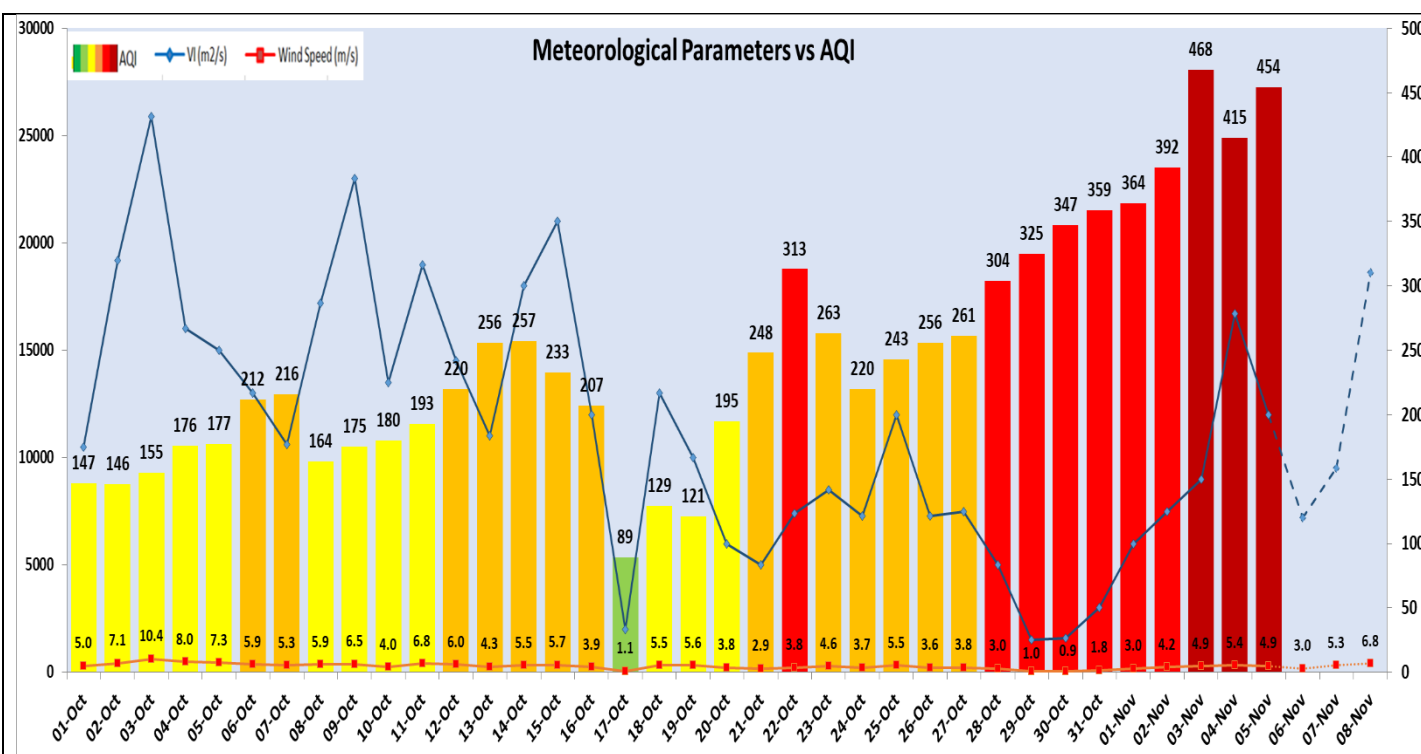
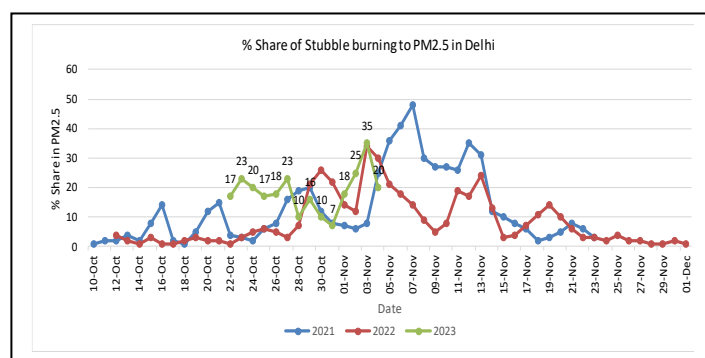
IMD Alert for Tomorrow (06.11.2023):

The air quality is likely to remain in Severe category from 06.11.2023 to 08.11.2023. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 04-06 kmph, mainly clear sky and shallow to moderate fog in the morning on 06.11.2023. Ventilation index is likely to be 7200 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
04.11.2023	1360	14173	33	1405
04.11.2022	2437	26583	63	2440
04.11.2021	3032	23610	228	3666

\* As per IITM, the impact of stubble burning is ~20 %.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
04-11-2023	16.6	30.0
05-11-2023	15.8	29.5

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Dwarka-Sector 8, Delhi - DPCC	487	Severe	PM <sub>2.5</sub>
	R K Puram, Delhi - DPCC	485	Severe	PM <sub>2.5</sub>
	Bawana, Delhi - DPCC	482	Severe	PM <sub>2.5</sub>
	Najafgarh, Delhi - DPCC	481	Severe	PM <sub>2.5</sub>
	Mundka, Delhi - DPCC	480	Severe	PM <sub>2.5</sub>
Faridabad	New Industrial Town, Faridabad - HSPCB	500	Severe	PM <sub>2.5</sub>
	Sector- 16A, Faridabad - HSPCB	473	Severe	PM <sub>2.5</sub>
Gurugram	Teri Gram, Gurugram - HSPCB	478	Severe	PM <sub>2.5</sub>
	NISE Gwal Pahari, Gurugram - IMD	426	Severe	PM <sub>2.5</sub>
Ghaziabad	Vasundhara, Ghaziabad - UPPCB	423	Severe	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	483	Severe	PM <sub>2.5</sub>
Noida	Sector - 62, Noida - IMD	467	Severe	PM <sub>2.5</sub>