



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 04, 2023



## Current Air Quality Status:

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

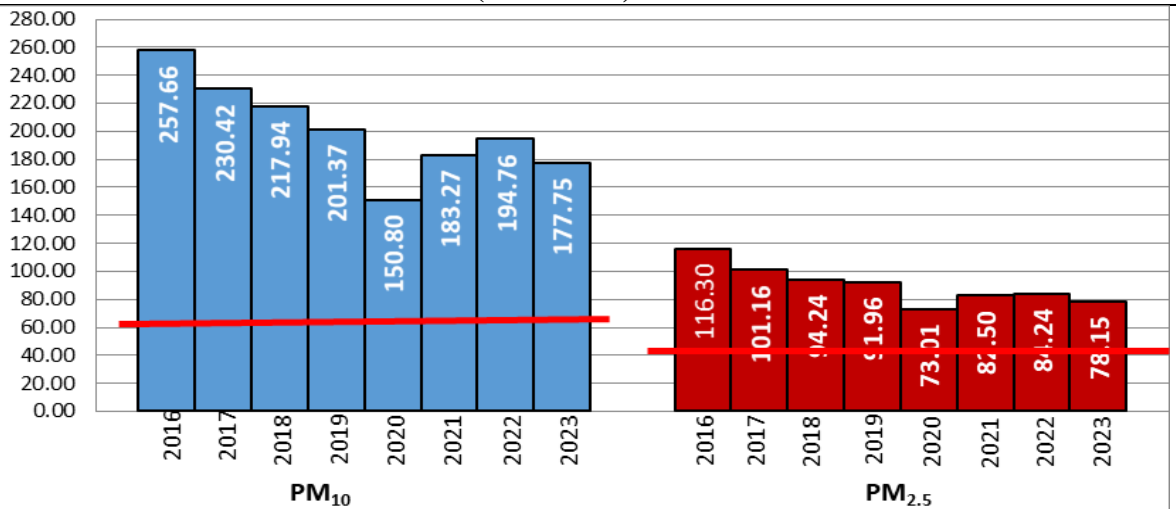
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Severe	415 ↓	PM10	Severe	447 ↓	PM2.5	Very Poor	382 ↑	PM10, PM2.5
Faridabad	Severe	438 ↓	PM2.5	Severe	425 ↑	PM2.5	Very Poor	399 ↑	PM10, PM2.5
Ghaziabad	Very Poor	394 ↓	PM2.5	Severe	411 ↓	PM2.5	Severe	419 ↑	PM2.5
Greater Noida	Severe	490 ↓	PM2.5	Severe	425 ↑	PM2.5	Very Poor	322 ↑	PM2.5
Gurugram	Severe	404 ↑	PM2.5	Severe	416 ↓	PM2.5	Very Poor	395 ↑	PM2.5
Noida	Severe	408 ↓	PM2.5	Severe	406 ↓	PM2.5	Severe	404 ↑	PM10, PM2.5

\*Data available for 35(2023), 37(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 04 November 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	297	308	308	308	309	308	308	308								
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	102	103	89	56	69	115	69								
Very Poor (301-400)		60	52	41	34	27	36	29	28	187	157	152	133	85	111	148	102
Severe (>401)		11	3	8	10	2	6	4	5								

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average - Till November 03 (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> )
03- November -2023	286	476

Hotspots for Today:

\*Details given below

Delhi	Shadipur, Anand Vihar, Wazirpur, Dr. Karni Singh Shooting Range, Punjabi Bagh	Ghaziabad	Loni
Faridabad	Sector- 16A ,New Industrial Town	Greater Noida	Knowledge Park III
Gurugram	Sector-51, Teri Gram	Noida	Sector – 62, Sector-116

Forecast by IITM (Delhi):

	Nov 05, 2023		Nov 06, 2023		Nov 07, 2023	
	Concentration	AQI Category	Concentration	AQI Category	Concentration	AQI Category
PM <sub>10</sub>	410-420	Severe	380-390	Severe	405-415	Severe
PM <sub>2.5</sub>	256-269	Severe	246-263	Severe	250-270	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 05 , 2023	06-08	09	16	NW/N	NW
Nov 06 , 2023	06-08	07	12	NW/NE	NW
Nov 07 , 2023	06-12	08	16	NW/N	NW

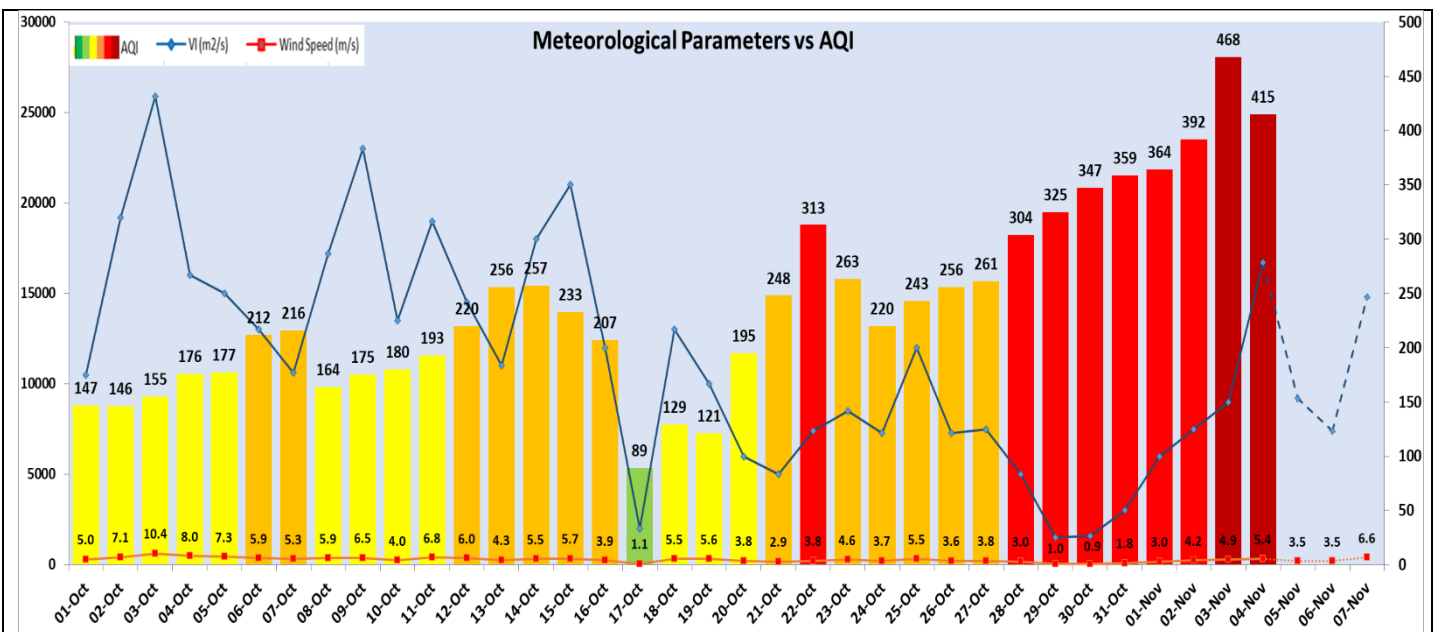
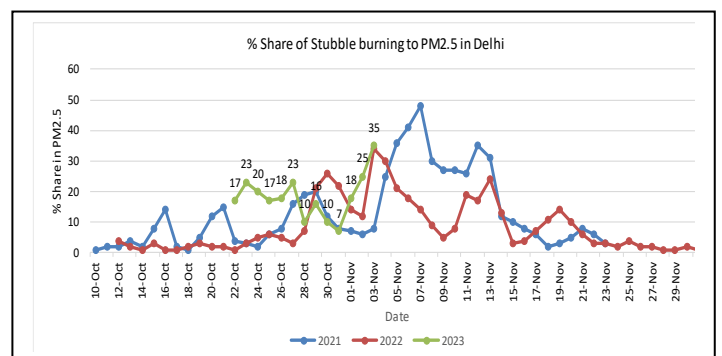
IMD Alert for Tomorrow (05.11.2023):

The air quality is likely to remain in Severe category from 05.11.2023 to 07.11.2023. The predominant surface wind is likely to be calm during morning hours, coming from Northwest/North directions in Delhi with wind speed 06-08 kmph, mainly clear sky and shallow fog in the morning on 05.11.2023. Ventilation index is likely to be 9200 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
03.11.2023	1551	12813	28	1372
03.11.2022	2666	24146	128	2377
03.11.2021	2512	20578	197	3438

\* As per IITM, the impact of stubble burning is ~35 %.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
03-11-2023	16.8 °C	30.2°C

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Shadipur, Delhi - CPCB	475	Severe	PM <sub>10</sub>
	Anand Vihar, Delhi - DPCC	473	Severe	PM <sub>10</sub>
	Wazirpur, Delhi - DPCC	460	Severe	PM <sub>10</sub>
	Dr. Karni Singh Shooting Range, Delhi - DPCC	452	Severe	PM <sub>2.5</sub>
	Punjabi Bagh, Delhi - DPCC	448	Severe	PM <sub>2.5</sub>
Faridabad	Sector- 16A, Faridabad - HSPCB	475	Severe	PM <sub>2.5</sub>
	New Industrial Town, Faridabad - HSPCB	450	Severe	PM <sub>10</sub>
Gurugram	Sector-51, Gurugram - HSPCB	457	Severe	PM <sub>2.5</sub>
	Teri Gram, Gurugram - HSPCB	450	Severe	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	480	Severe	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	496	Severe	PM <sub>2.5</sub>
Noida	Sector - 62, Noida - IMD	442	Severe	PM <sub>2.5</sub>
	Sector-116, Noida - UPPCB	440	Severe	PM <sub>10</sub>