



# Central Pollution Control Board

## Air Quality Status for Delhi & NCR

Dated – November 09, 2023



### Current Air Quality Status:

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

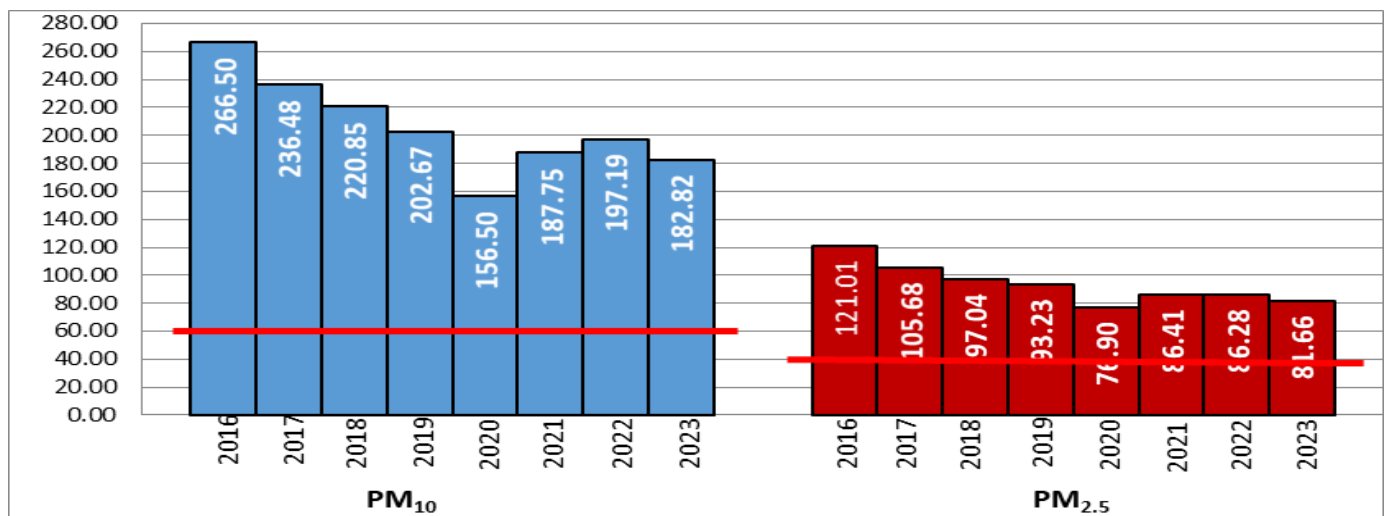
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Severe	437 ↑	PM2.5, PM10	Poor	260 ↓	PM2.5	Severe	404 ↑	PM10, PM2.5
Faridabad	Severe	410 ↓	PM10, PM2.5	Poor	248 ↓	PM2.5	Severe	430 ↑	PM10, PM2.5
Ghaziabad	Very Poor	391 ↑	PM2.5	Poor	246 ↓	PM2.5	Severe	451 ↑	PM2.5
Greater Noida	Severe	439 ↓	PM2.5	Poor	246 ↓	PM2.5, PM10	Severe	412 ↑	PM2.5
Gurugram	Severe	404 ↑	PM2.5	Moderate	174 ↓	PM2.5, PM10	Very Poor	368 ↓	PM2.5
Noida	Very Poor	394 ↓	PM10	Moderate	186 ↓	PM2.5, PM10	Severe	426 ↑	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 09 November 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	302	313	313	313	314	313	313	313	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	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	56	69	116	69								
Very Poor (301–400)		63	57	44	36	27	37	33	29	192	162	156	138	90	116	153	107
Severe (>401)		13	3	8	12	7	10	4	9								

#### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average - Till November 08 (2016-2023)



\*Red line shows the annual average concentration standards for PM<sub>10</sub> and PM<sub>2.5</sub>.

#### 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> )
08- November -2023	279 ↑	472 ↓

Hotspots for Today:

\*Details given below

Delhi	Nehru Nagar, Dwarka-Sector 8, R K Puram, Bawana, Punjabi Bagh	Ghaziabad	Loni, Vasundhara
Faridabad	New Industrial Town, Sector- 16A, Sector 30	Greater Noida	Knowledge Park -III
Gurugram	Sector-51	Noida	Sector – 62 , Sector-116

Forecast by IITM (Delhi):

	Nov 10, 2023	Nov 11, 2023	Nov 12, 2023
AQI Category	Severe	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 10 , 2023	04-12	05	15	NW/SE	W
Nov 11 , 2023	04-16	07	18	NW	NW
Nov 12 , 2023	04-16	08	17	NW	NW

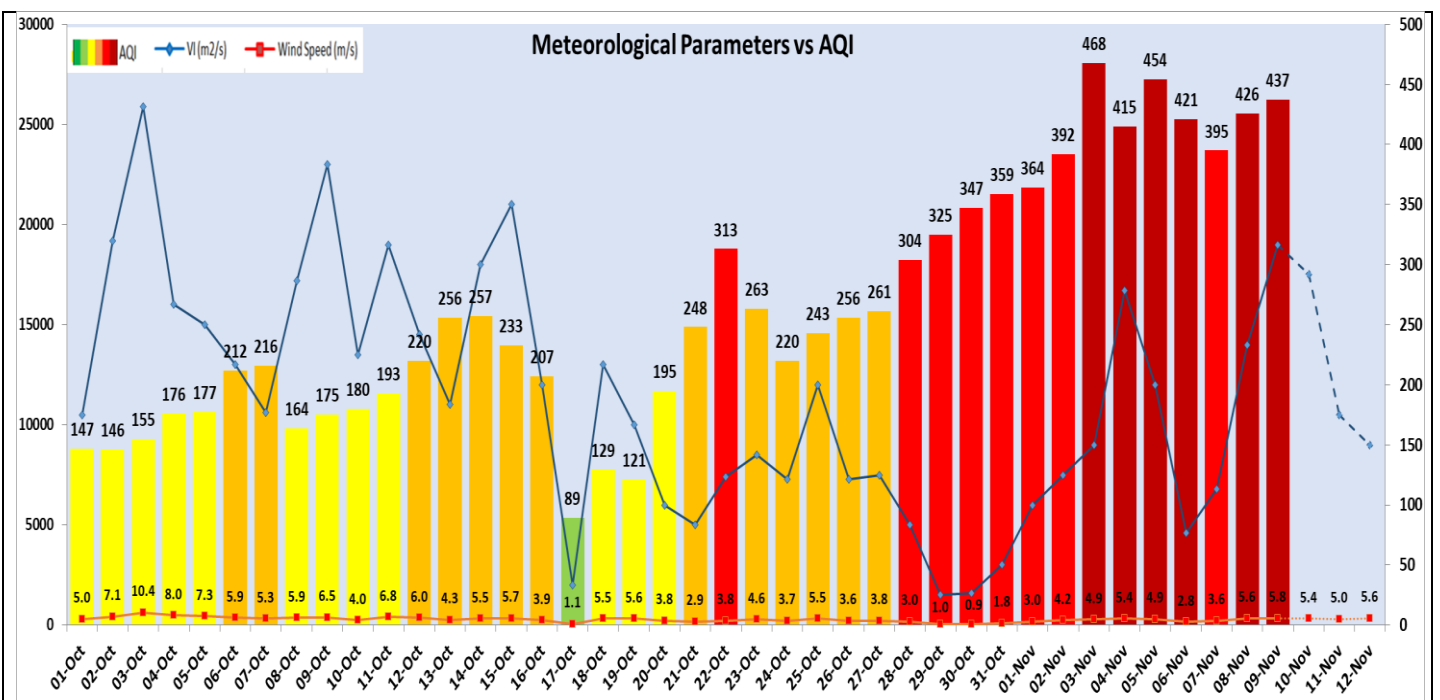
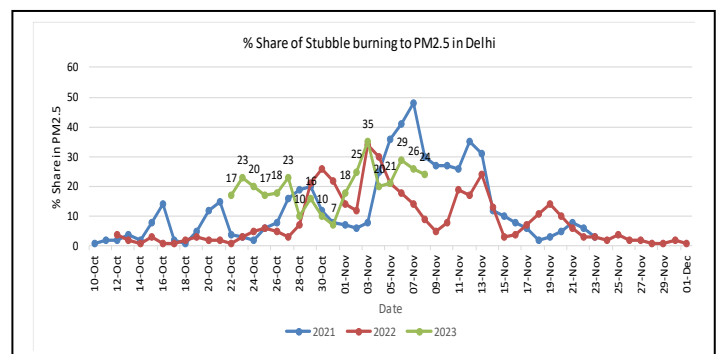
IMD Alert for Tomorrow (10.11.2023):

The air quality is likely to remain in Severe category on 10.11.2023. The predominant surface wind is likely to be coming from Southeast/Northwest directions in Delhi with wind speed 04-12 kmph, partly cloudy sky and possibility of very light rain/drizzle at one or two places on 10.11.2023. Ventilation index is likely to be 17500 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
08.11.2023	2003	22981	44	1649
08.11.2022	604	33090	11	2624
08.11.2021	4397	42475	138	4536

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



Delhi Temperature in (°C)		
Date	Minimum	Maximum
06-11-2023	13.5	31.5
07-11-2023	14.9	31.5
08-11-2023	15.1	31.7
09-11-2023	15.5	30.3

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Nehru Nagar, Delhi - DPCC	467	Severe	PM <sub>2.5</sub>
	Dwarka-Sector 8, Delhi - DPCC	466	Severe	PM <sub>2.5</sub>
	R K Puram, Delhi - DPCC	466	Severe	PM <sub>2.5</sub>
	Bawana, Delhi - DPCC	463	Severe	PM <sub>2.5</sub>
	Punjabi Bagh, Delhi - DPCC	463	Severe	PM <sub>2.5</sub>
Faridabad	New Industrial Town, Faridabad - HSPCB	458	Severe	PM <sub>10</sub>
	Sector- 16A, Faridabad - HSPCB	438	Severe	PM <sub>2.5</sub>
	Sector 30, Faridabad - HSPCB	418	Severe	PM <sub>2.5</sub>
Gurugram	Sector-51, Gurugram - HSPCB	452	Severe	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	443	Severe	PM <sub>2.5</sub>
	Vasundhara, Ghaziabad - UPPCB	392	Very Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	480	Severe	PM <sub>2.5</sub>
Noida	Sector - 62, Noida - IMD	441	Severe	PM <sub>10</sub>
	Sector-116, Noida - UPPCB	406	Severe	PM <sub>2.5</sub>