



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 08, 2023



Current Air Quality Status:

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

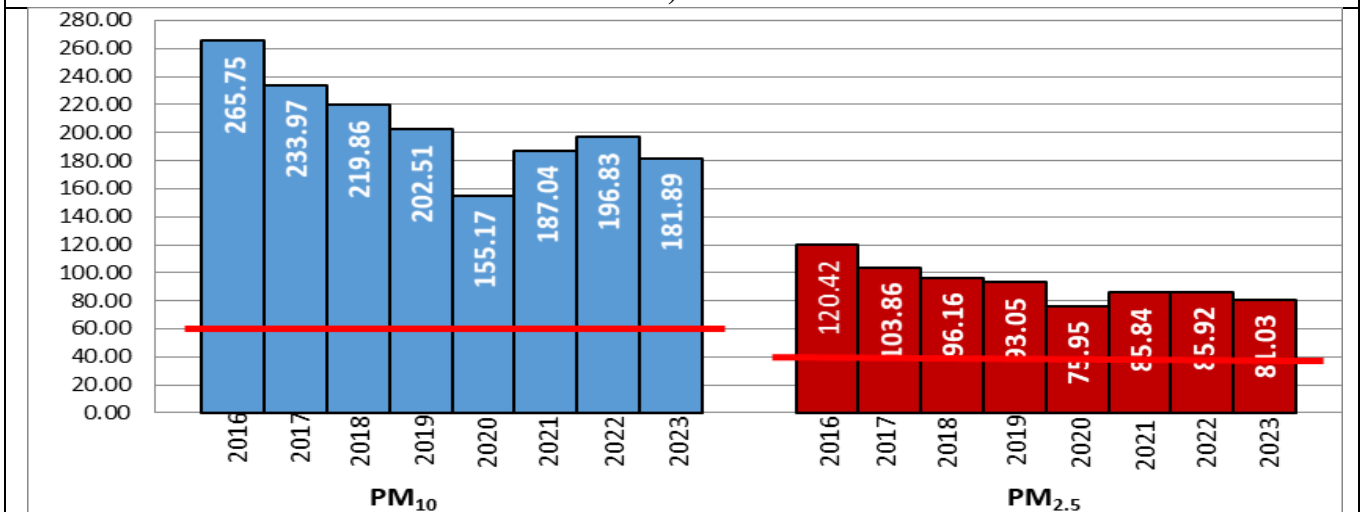
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Severe	426 ↑	PM2.5, PM10	Very Poor	372 ↑	PM2.5	Very Poor	390 ↓	PM10, PM2.5
Faridabad	Severe	425 ↑	PM2.5	Very Poor	345 ↑	PM2.5, PM10	Very Poor	360 ↓	PM10, PM2.5
Ghaziabad	Severe	384 ↑	PM2.5	Very Poor	333 ↑	PM10	Severe	437 ↓	PM2.5
Greater Noida	Severe	478 ↑	PM2.5	Very Poor	348 ↑	PM2.5, PM10	Very Poor	328 ↓	PM2.5
Gurugram	Severe	385 ↑	PM2.5	Poor	287 ↓	PM2.5	Very Poor	369 ↓	PM2.5
Noida	Severe	405 ↑	PM2.5, PM10	Very Poor	331 ↑	PM2.5	Severe	412 ↓	PM10, PM2.5

*Data available for 33(2023), 36(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 08 November 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	301	312	312	312	313	312	312	312	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	89	56	69	115	69								
Very Poor (301–400)		62	56	44	36	27	37	33	29	191	161	156	137	89	115	152	106
Severe (>401)		13	3	8	12	6	9	4	8								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till November 07 (2016-2023)



*Red line shows the annual average concentration standards for PM₁₀ and PM_{2.5}.

Daily Average of Particulates in Delhi

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
07- November -2023	276 ↑	476 ↑

Hotspots for Today:

*Details given below

Delhi	Punjabi Bagh, ITO, Nehru Nagar, Bawana, Rohini	Ghaziabad	Loni, Vasundhara
Faridabad	Sector- 16A, New Industrial Town	Greater Noida	Knowledge Park -III
Gurugram	Teri Gram	Noida	Sector-116, Sector – 62

Forecast by IITM (Delhi):

	Nov 09, 2023	Nov 10, 2023	Nov 11, 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 09 , 2023	04-12	07	18	NW/NE	W
Nov 10 , 2023	08-15	13	05	N/NE	SE
Nov 11 , 2023	06-16	08	21	NW	NW

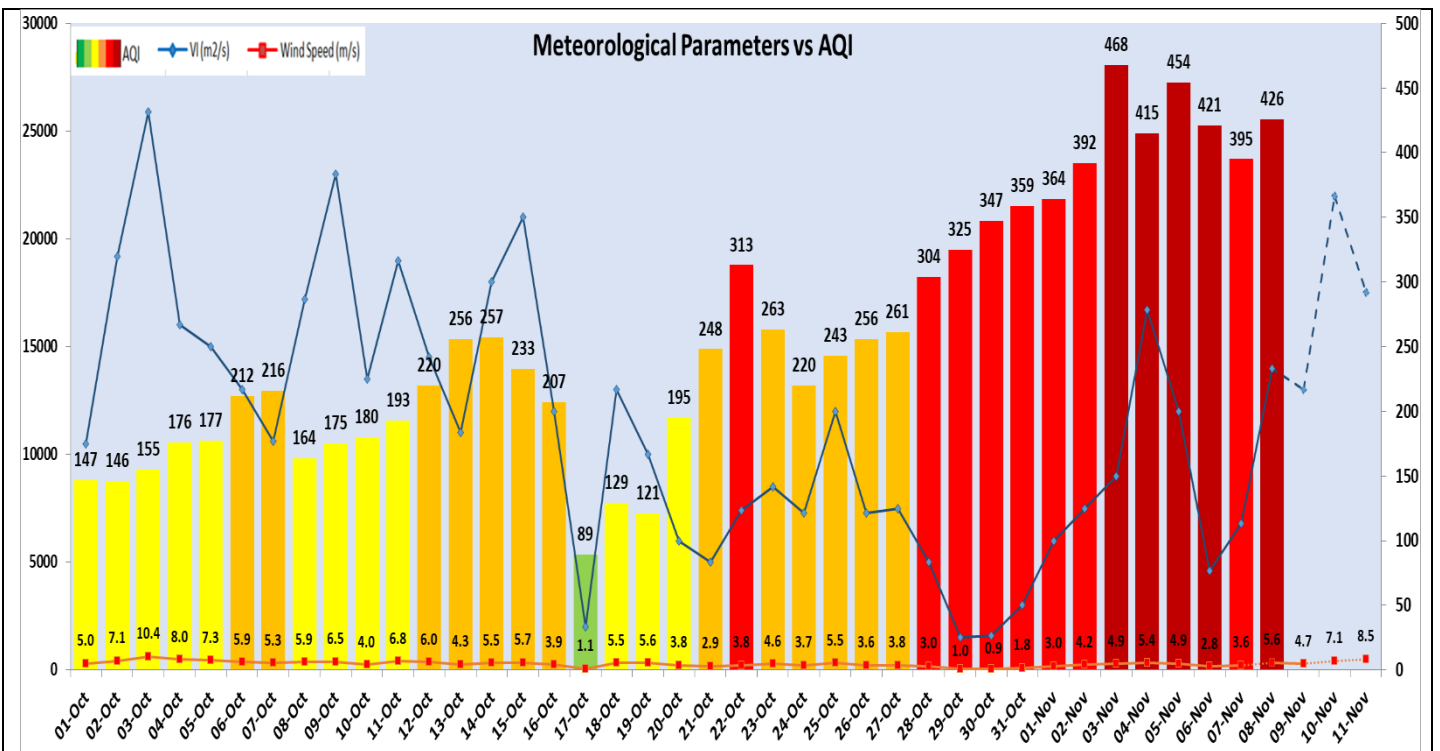
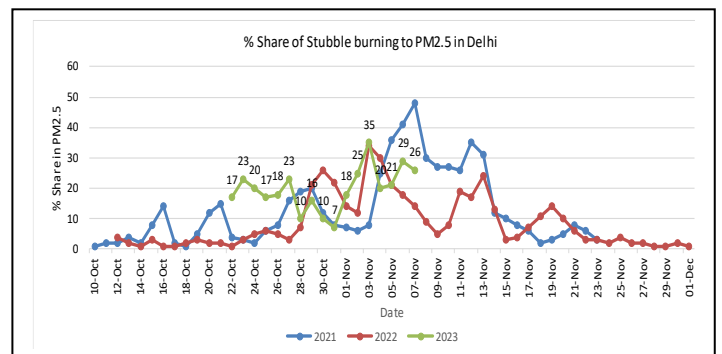
IMD Alert for Tomorrow (09.11.2023):

The air quality is likely to remain in Severe category on 09.11.2023. The predominant surface wind is likely to be coming from Northwest/Northeast directions in Delhi with wind speed 04-12 kmph, partly cloudy sky and mist/shallow fog in the morning on 09.11.2023. Ventilation index is likely to be 13000 m²/s.

Active Fire Events (AFEs):

Date	Punjab		Haryana	
	Nos. on the day	Total since September 15	Nos. on the day	Total since September 15
07.11.2023	1515	20978	26	1605
07.11.2022	2487	32486	37	2613
07.11.2021	5199	38078	182	4398

* As per IITM, the impact of stubble burning is ~26 %.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
05-11-2023	15.8	29.5
06-11-2023	13.5	31.5
07-11-2023	14.9	31.5
08-11-2023	15.1	31.7

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Punjabi Bagh, Delhi - DPCC	465	Severe	PM _{2.5}
	ITO, Delhi - CPCB	461	Severe	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	459	Severe	PM _{2.5}
	Bawana, Delhi - DPCC	456	Severe	PM _{2.5}
	Rohini, Delhi - DPCC	456	Severe	PM _{2.5}
Faridabad	Sector- 16A, Faridabad - HSPCB	455	Severe	PM _{2.5}
	New Industrial Town, Faridabad - HSPCB	449	Severe	PM ₁₀
Gurugram	Teri Gram, Gurugram - HSPCB	408	Severe	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	453	Severe	PM _{2.5}
	Vasundhara, Ghaziabad - UPPCB	406	Severe	PM _{2.5}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	478	Severe	PM _{2.5}
Noida	Sector-116, Noida - UPPCB	463	Severe	PM _{2.5}
	Sector - 62, Noida - IMD	429	Severe	PM ₁₀