



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 12, 2023



Current Air Quality Status:

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

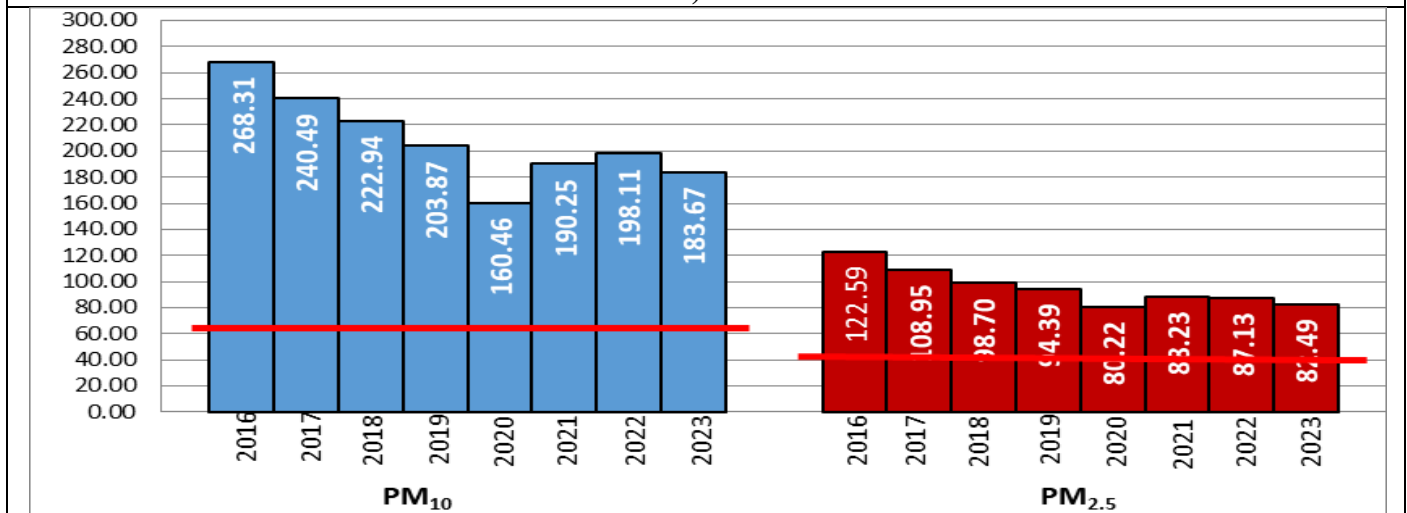
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	218 ↓	PM10, PM2.5	Very Poor	303 ↓	PM2.5	Severe	471 ↑	PM10, PM2.5
Faridabad	Moderate	172 ↑	PM2.5	Poor	274 ↓	PM2.5	Severe	460 ↑	PM10, PM2.5
Ghaziabad	Moderate	186 ↑	PM2.5	Poor	236 ↓	PM2.5	Severe	486 ↑	PM2.5
Greater Noida	Moderate	165 ↑	PM2.5, O ₃	Poor	240 ↓	PM10	Severe	478 ↑	PM2.5
Gurugram	Moderate	193 ↓	PM2.5	Poor	286 ↓	PM2.5, PM10	Severe	448 ↑	PM2.5
Noida	Moderate	189 ↑	PM2.5	Poor	233 ↓	PM2.5	Severe	488 ↑	PM10, PM2.5

*Data available for 36(2023), 37(2022), 36(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 12 November 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	305	316	316	316	317	316	316	316	110	151	157	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	104	115	124	124	92	145								
Poor (201–300)		116	102	104	90	56	69	117	72								
Very Poor (301–400)		63	60	46	38	29	38	35	29	195	165	159	141	93	119	156	110
Severe (>401)		16	3	9	13	8	12	4	9								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till November 11 (2016-2023)



*Red line shows the annual average concentration standards for PM10 and PM2.5.

Daily Average of Particulates in Delhi

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
11- November -2023	95 ↓	167 ↑

Hotspots for Today:

*Details given below

Delhi	Anand Vihar, Jahangirpuri, Shadipur, Nehru Nagar, Bawana	Ghaziabad	Loni, Vasundhara
Faridabad	Sector- 16A	Greater Noida	Knowledge Park -V
Gurugram	Sector-51, Teri Gram	Noida	Sector-125, Sector – 62

Forecast by IITM (Delhi):

	Nov 13, 2023	Nov 14, 2023	Nov 15, 2023
AQI Category	Very Poor	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 13. 2023	04-06	06	03	NW	NW
Nov 14. 2023	04-06	07	08	NW	NW
Nov 15. 2023	04-06	09	05	NW	NW

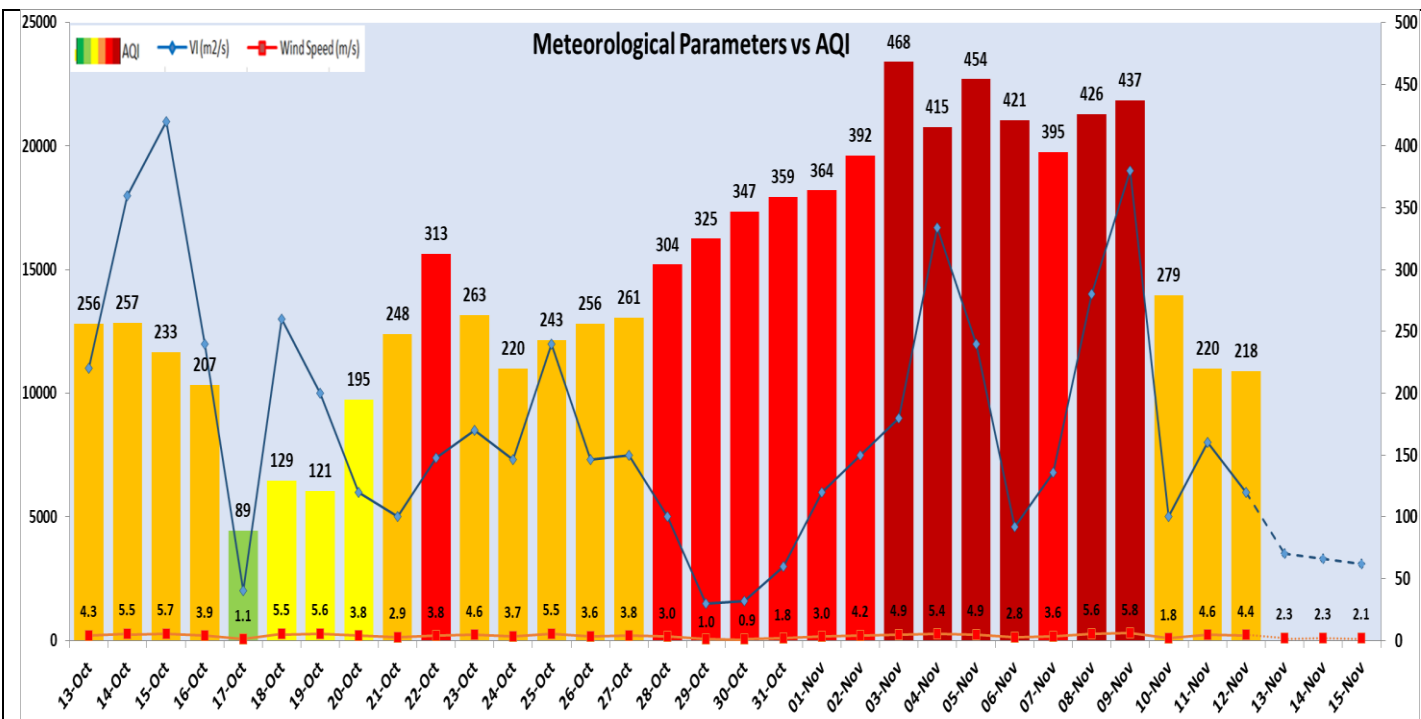
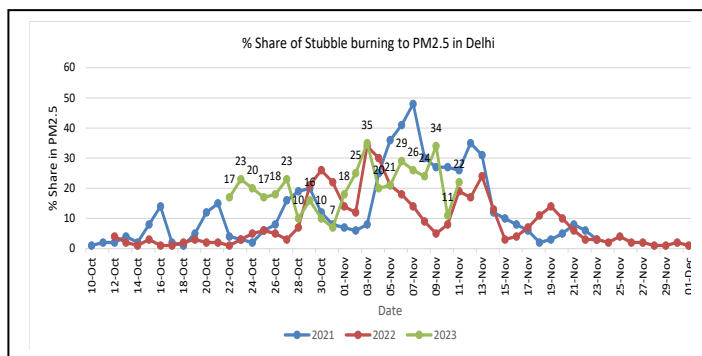
IMD Alert for Tomorrow (13.11.2023):

The air quality is likely to be deteriorate and will reach in Very Poor category on 13.11.2023. The predominant surface wind is likely to be calm in the morning hours and coming from Northwest directions in Delhi with wind speed 04-06 kmph, partly cloudy sky and shallow fog in the morning on 13.11.2023. Ventilation index is likely to be 3500 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
11.11.2023	104	23730	27	1703
11.11.2022	3916	40677	152	2880
11.11.2021	4156	55718	126	5063

*As per IITM, the impact of stubble burning is ~22% ↑



Delhi Temperature in (°C)		
Date	Minimum	Maximum
09-11-2023	15.5	30.3
10-11-2023	16.2	30.7
11-11-2023	13.8	22.7
12-11-2023	12.4	26.3

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi – DPCC	286	Poor	PM ₁₀
	Jahangirpuri, Delhi – DPCC	281	Poor	PM _{2.5}
	Shadipur, Delhi – CPCB	278	Poor	PM _{2.5}
	Nehru Nagar, Delhi – DPCC	267	Poor	PM _{2.5}
	Bawana, Delhi – DPCC	257	Poor	PM _{2.5}
Faridabad	Sector- 16A, Faridabad – HSPCB	203	Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram – HSPCB	276	Poor	PM _{2.5}
	Teri Gram, Gurugram – HSPCB	229	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad – UPPCB	204	Poor	PM _{2.5}
	Vasundhara, Ghaziabad – UPPCB	189	Moderate	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida – UPPCB	168	Moderate	PM _{2.5}
Noida	Sector - 125, Noida – UPPCB	238	Poor	PM _{2.5}
	Sector - 62, Noida – IMD	192	Moderate	PM _{2.5}