



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 13, 2023



Current Air Quality Status:

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

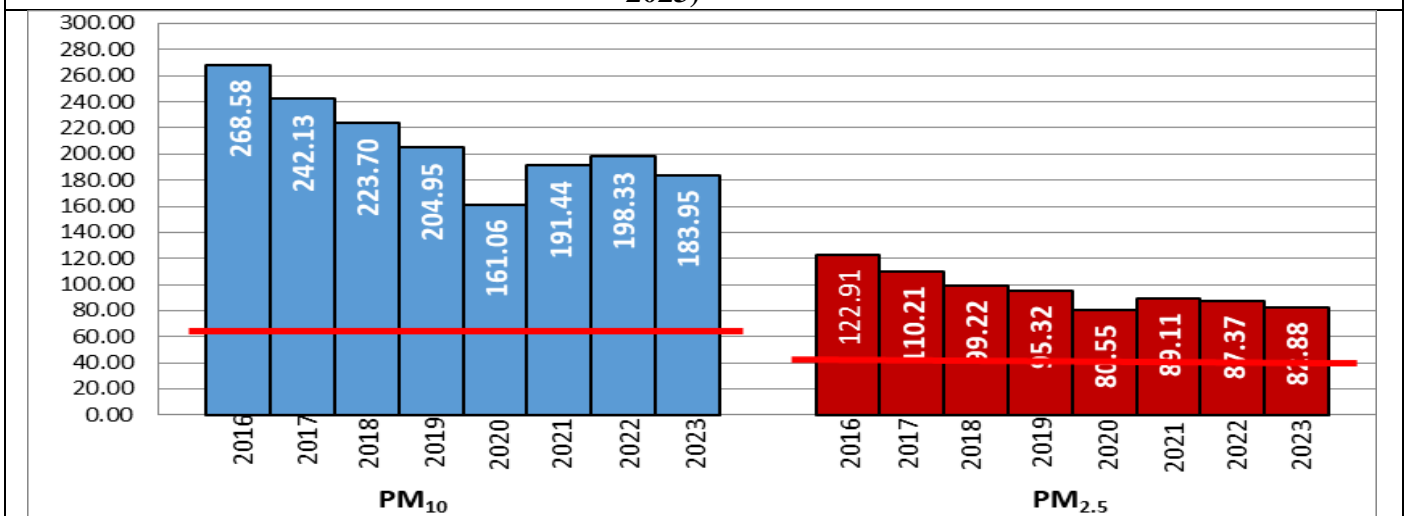
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	358 ↑	PM2.5	Very Poor	303	PM2.5	Severe	437 ↓	PM10, PM2.5
Faridabad	Very Poor	370 ↑	PM2.5	Poor	272 ↓	PM2.5	Severe	423 ↓	PM10, PM2.5
Ghaziabad	Very Poor	329 ↑	PM2.5	Poor	230 ↓	PM2.5	Severe	441 ↓	PM2.5
Greater Noida	Very Poor	342 ↑	PM2.5, PM10	Poor	234 ↓	PM2.5	Severe	408 ↓	PM2.5
Gurugram	Very Poor	349 ↑	PM2.5	Poor	282 ↓	PM2.5	Severe	441 ↓	PM2.5
Noida	Very Poor	363 ↑	PM2.5	Poor	231 ↓	PM2.5	Severe	464 ↓	PM10, PM2.5

*Data available for 35(2023), 36(2022), 32(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 13 November 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	306	317	317	317	318	317	317	317	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	30	38	36	30	196	166	160	142	94	120	157	111
Severe (>401)		17	4	10	14	8	13	4	9								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till November 12 (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)
12- November -2023	207 ↑	273 ↑

Hotspots for Today:

*Details given below

Delhi	Jahangirpuri, Bawana, Aya Nagar, Mundka, IGI Airport (T3)	Ghaziabad	Loni, Sanjay Nagar
Faridabad	Sector- 16A, New Industrial Town	Greater Noida	Knowledge Park - V
Gurugram	Sector-51	Noida	Sector-125, Sector – 62

Forecast by IITM (Delhi):

	Nov 14, 2023	Nov 15, 2023	Nov 16, 2023
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 14. 2023	04-08	09	10	NE/ENE	NW
Nov 15. 2023	04-08	09	06	N/NW	N
Nov 16. 2023	04-06	05	11	E	NE

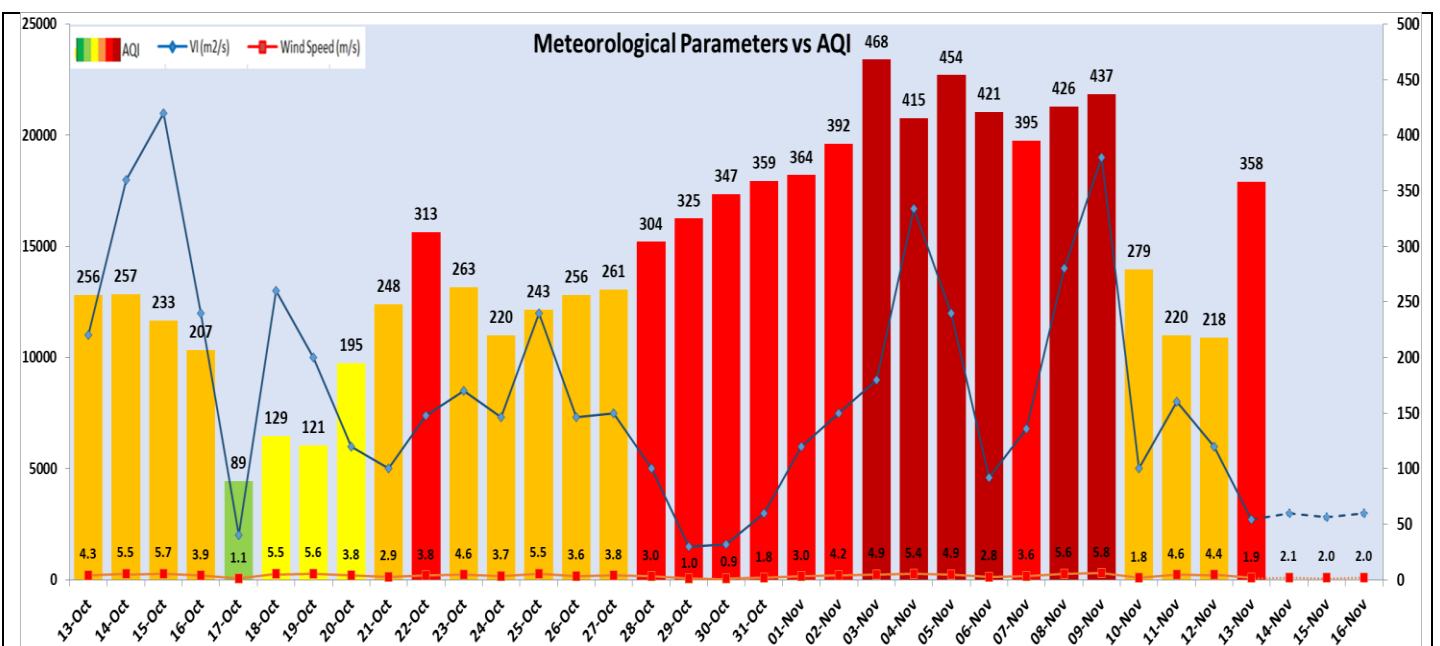
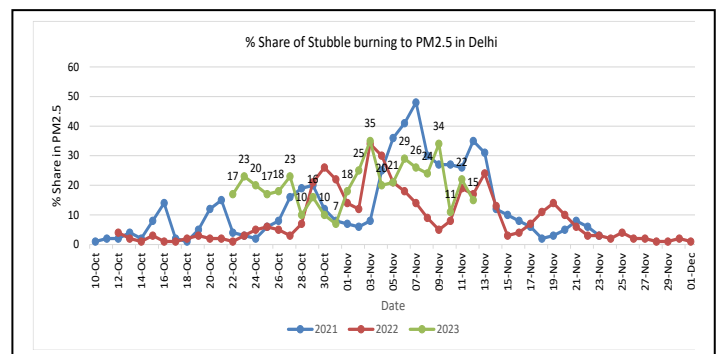
IMD Alert for Tomorrow (14.11.2023):

The air quality is likely to be deteriorate and will reach in Severe category from 14.11.2023 to 16.11.2023. The predominant surface wind is likely to be calm in the morning hours and coming from Northeast directions in Delhi with wind speed 04-08 kmph, partly cloudy sky and shallow to moderate fog in the morning on 14.11.2023. Ventilation index is likely to be 3000 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
12.11.2023	987	24717	110	1813
12.11.2022	2467	43144	99	2979
12.11.2021	3403	59121	127	5190

*As per IITM, the impact of stubble burning is ~15%↓



Delhi Temperature in (°C)		
Date	Minimum	Maximum
10-11-2023	16.2	30.7
11-11-2023	13.8	22.7
12-11-2023	12.4	26.3
13-11-2023	11.8	27.5

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Jahangirpuri, Delhi - DPCC	405	Severe	PM _{2.5}
	Bawana, Delhi - DPCC	394	Very Poor	PM _{2.5}
	Aya Nagar, Delhi - IMD	393	Very Poor	PM _{2.5}
	Mundka, Delhi - DPCC	391	Very Poor	PM _{2.5}
	IGI Airport (T3), Delhi - IMD	387	Very Poor	PM _{2.5}
Faridabad	Sector- 16A, Faridabad - HSPCB	416	Severe	PM _{2.5}
	New Industrial Town, Faridabad - HSPCB	384	Very Poor	PM ₁₀
Gurugram	Sector-51, Gurugram - HSPCB	393	Very Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	353	Very Poor	PM _{2.5}
	Sanjay Nagar, Ghaziabad - UPPCB	342	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	405	Severe	PM _{2.5}
Noida	Sector - 125, Noida - UPPCB	385	Very Poor	PM _{2.5}
	Sector - 62, Noida - IMD	369	Very Poor	PM _{2.5}