



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 18, 2023



Current Air Quality Status:

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

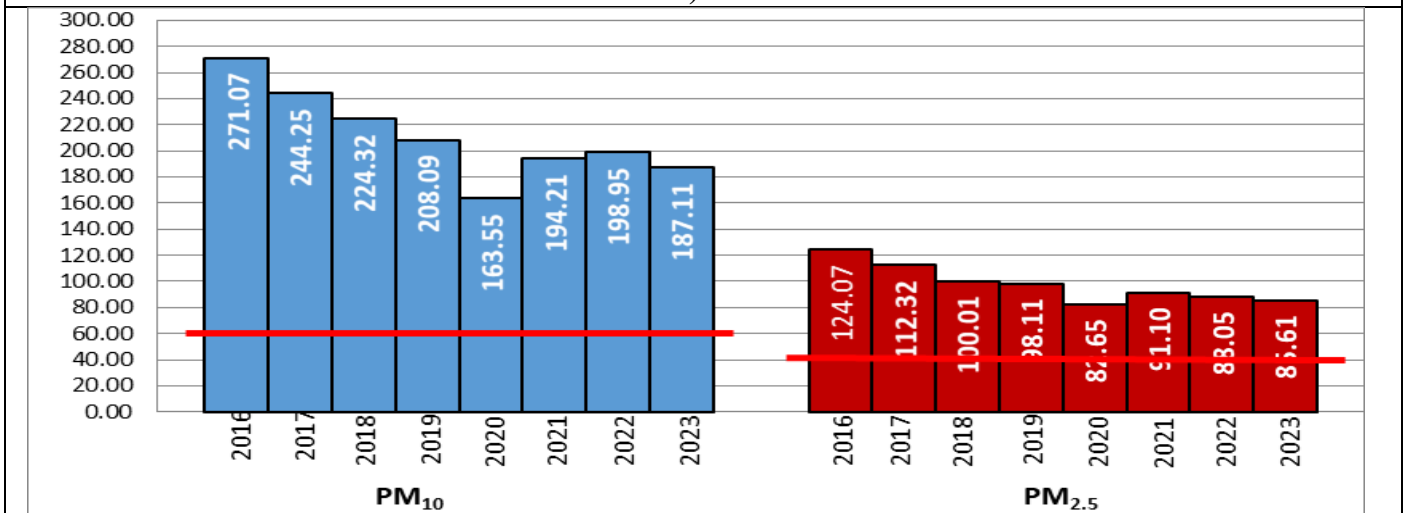
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	319↓	PM2.5	Poor	289↑	PM2.5	Very Poor	347↓	PM10, PM2.5
Faridabad	Very Poor	309↓	PM10, PM2.5	Poor	258↑	PM2.5	Very Poor	349↓	PM10, PM2.5
Ghaziabad	Poor	276↓	PM2.5, PM10	Poor	232↑	PM2.5	Very Poor	360↓	PM10, PM2.5
Greater Noida	Poor	228↓	PM2.5	Poor	228↑	PM10, PM2.5	Very Poor	360↓	PM10, PM2.5
Gurugram	Very Poor	322↓	PM2.5	Poor	264↑	PM2.5	Very Poor	323↓	PM2.5
Noida	Poor	265↓	PM2.5	Poor	223↑	PM2.5	Very Poor	336↓	PM10, PM2.5

*Data available for 35(2023), 35(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 18 November 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	311	322	322	322	323	322	322	322	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	225	197	160	206
Moderate (101-200)		86	104	104	115	125	124	92	145								
Poor (201-300)		116	102	105	92	58	69	122	72								
Very Poor (301-400)		67	62	48	39	30	42	36	33	201	171	165	147	98	125	162	116
Severe (>401)		18	7	12	16	10	14	4	11								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till November 17 (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)
17- November -2023	204 ↓	339 ↓

Hotspots for Today:

*Details given below

Delhi	Nehru Nagar, Mundka, Bawana, Jahangirpuri, New Moti Bagh	Ghaziabad	Loni, Indirapuram,
Faridabad	Sector- 16A, New Industrial Town	Greater Noida	Knowledge Park -V
Gurugram	Sector-51	Noida	Sector - 125, Sector-1, Sector-116

Forecast by IITM (Delhi):

	Nov 19, 2023	Nov 20, 2023	Nov 21, 2023
AQI Category	Very Poor	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 19. 2023	04	0	04	SE	SE
Nov 20. 2023	04-08	07	18	NW	W
Nov 21. 2023	06-12	09	25	NW	NW

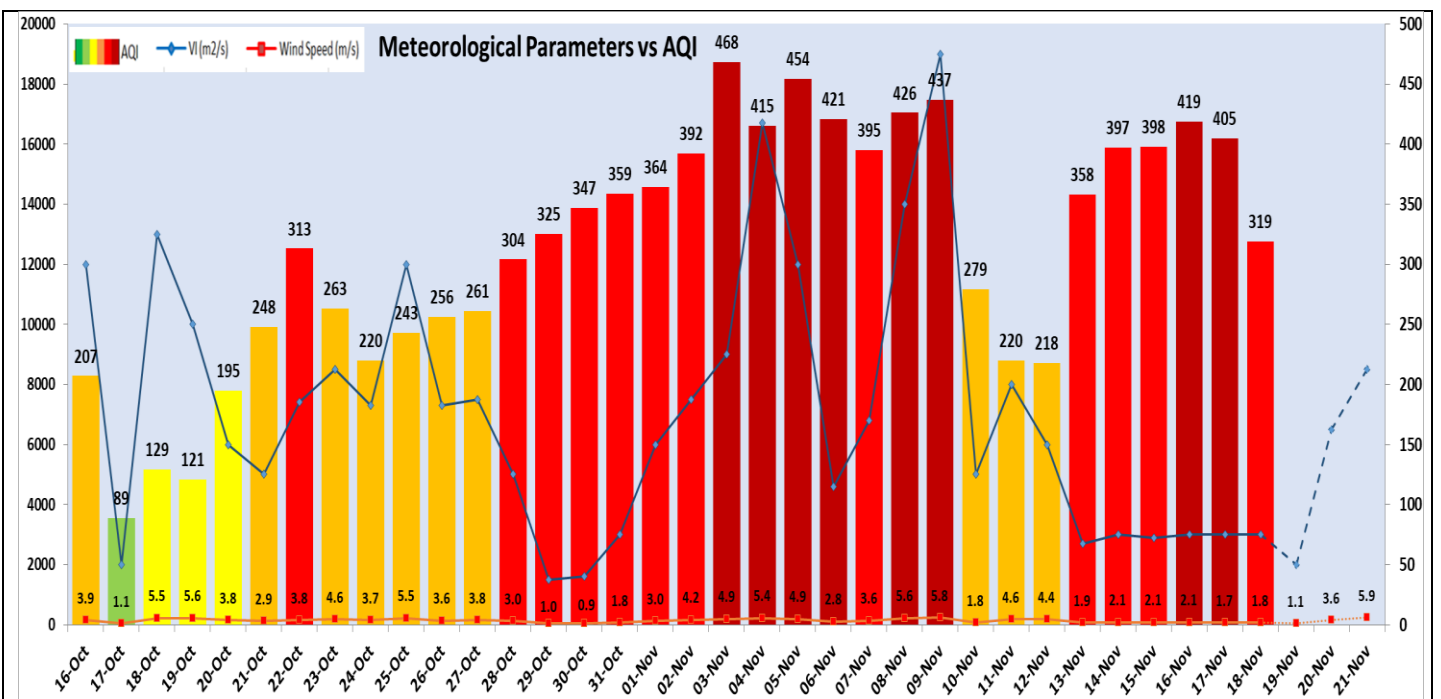
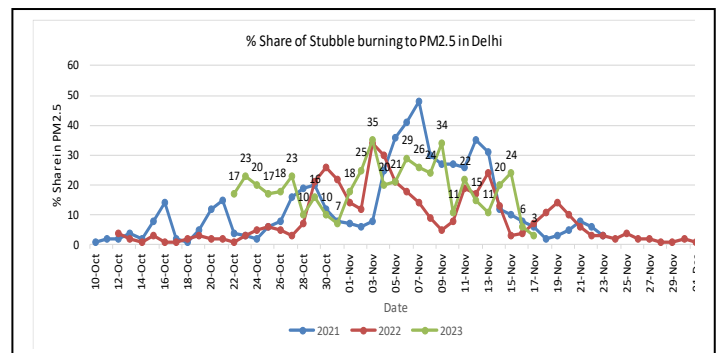
IMD Alert for Tomorrow (19.11.2023):

The air quality is likely to remain in the Very Poor category from 19.11.2023 to 21.11.2023. The predominant surface wind is likely to be coming from Southeast direction with wind speed up to 04 kmph but remain calm during morning and evening/night hours, clear sky and shallow fog in the morning on 19.11.2023. Ventilation index is likely to be 2000 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
17.11.2023	1150	33082	45	2031
17.11.2022	966	47788	39	3272
17.11.2021	523	69445	101	6094

*As per IITM, the impact of stubble burning is ~3%↓



Delhi Temperature in (°C)		
Date	Minimum	Maximum
15-11-2023	10.9	25.9
16-11-2023	11.3	27.4
17-11-2023	12.0	27.5
18-11-2023	12.8	28.2

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Nehru Nagar, Delhi - DPCC	374	Very Poor	PM _{2.5}
	Mundka, Delhi - DPCC	371	Very Poor	PM _{2.5}
	Bawana, Delhi - DPCC	368	Very Poor	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	363	Very Poor	PM _{2.5}
	New Moti Bagh, Delhi - MHUA	357	Very Poor	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	382	Very Poor	PM ₁₀
	Sector- 16A, Faridabad - HSPCB	313	Very Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	360	Very Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	301	Very Poor	PM _{2.5}
	Indrapuram, Ghaziabad - UPPCB	290	Poor	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	259	Poor	PM _{2.5}
Noida	Sector - 125, Noida - UPPCB	268	Poor	PM _{2.5}
	Sector-1, Noida - UPPCB	267	Poor	PM _{2.5}
	Sector-116, Noida - UPPCB	266	Poor	PM _{2.5}