



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 17, 2023



Current Air Quality Status:

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

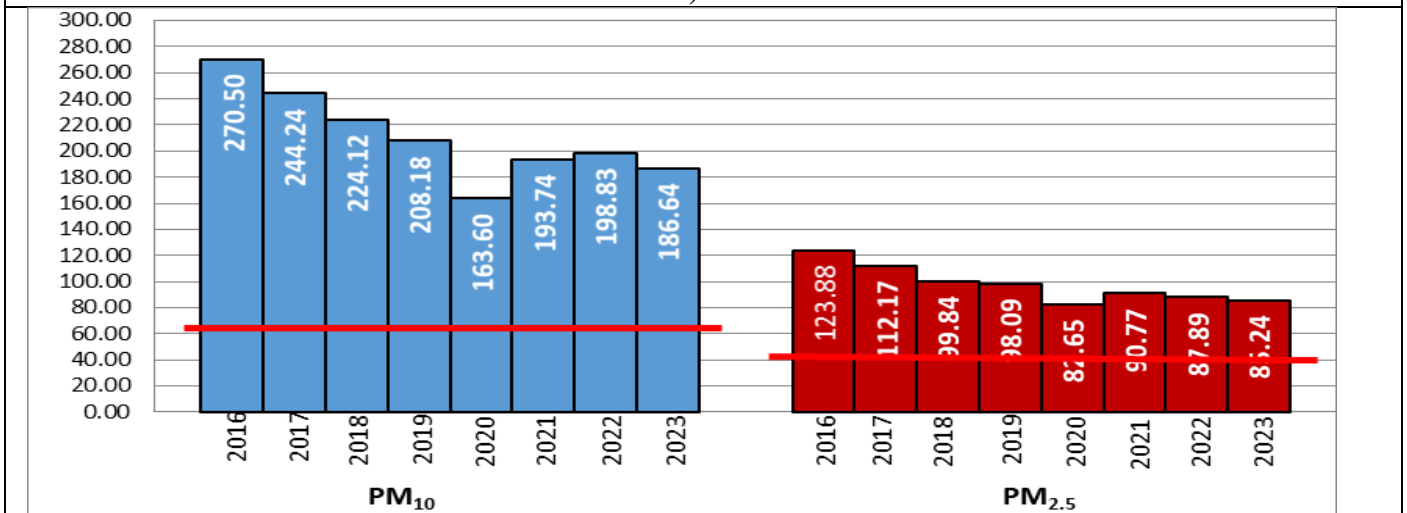
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Severe	405↓	PM2.5	Poor	260↓	PM2.5	Very Poor	375 ↓	PM10, PM2.5
Faridabad	Very Poor	390↓	PM2.5, PM10	Poor	230↓	PM2.5	Very Poor	378 ↑	PM10
Ghaziabad	Very Poor	335↓	PM2.5, PM10	Moderate	186↓	PM2.5	Very Poor	361 ↑	PM2.5
Greater Noida	Very Poor	348↑	PM2.5	Moderate	194↓	PM10, PM2.5	Very Poor	362 ↑	PM10, PM2.5
Gurugram	Very Poor	358↓	PM2.5	Poor	223↓	PM2.5	Very Poor	344 ↓	PM2.5
Noida	Very Poor	334↓	PM2.5, PM10	Moderate	199↓	PM2.5	Very Poor	356 ↓	PM10, PM2.5

*Data available for 37(2023), 36(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 16 November 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	310	321	321	321	322	321	321	321	200	170	164	146	97	124	161	115
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	104	91	57	69	121	72								
Very Poor (301–400)		66	61	48	39	30	41	36	32								
Severe (>401)		18	7	12	16	10	14	4	11								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till November 16 (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)
16- November -2023	319 ↑	475 ↑

Hotspots for Today:

*Details given below

Delhi	Dwarka-Sector 8, Nehru Nagar, Mundka, Punjabi Bagh, R K Puram	Ghaziabad	Vasundhara, Indirapuram, Loni,
Faridabad	Sector- 16A, Sector 11	Greater Noida	Knowledge Park -V
Gurugram	Sector-51, Vikas Sadan, Teri Gram	Noida	Sector – 1

Forecast by IITM (Delhi):

	Nov 18, 2023	Nov 19, 2023	Nov 20, 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 18. 2023	04	03	04	SE	E
Nov 19. 2023	04-08	05	04	SE/E	SE
Nov 20. 2023	04-08	07	15	VAR	NW

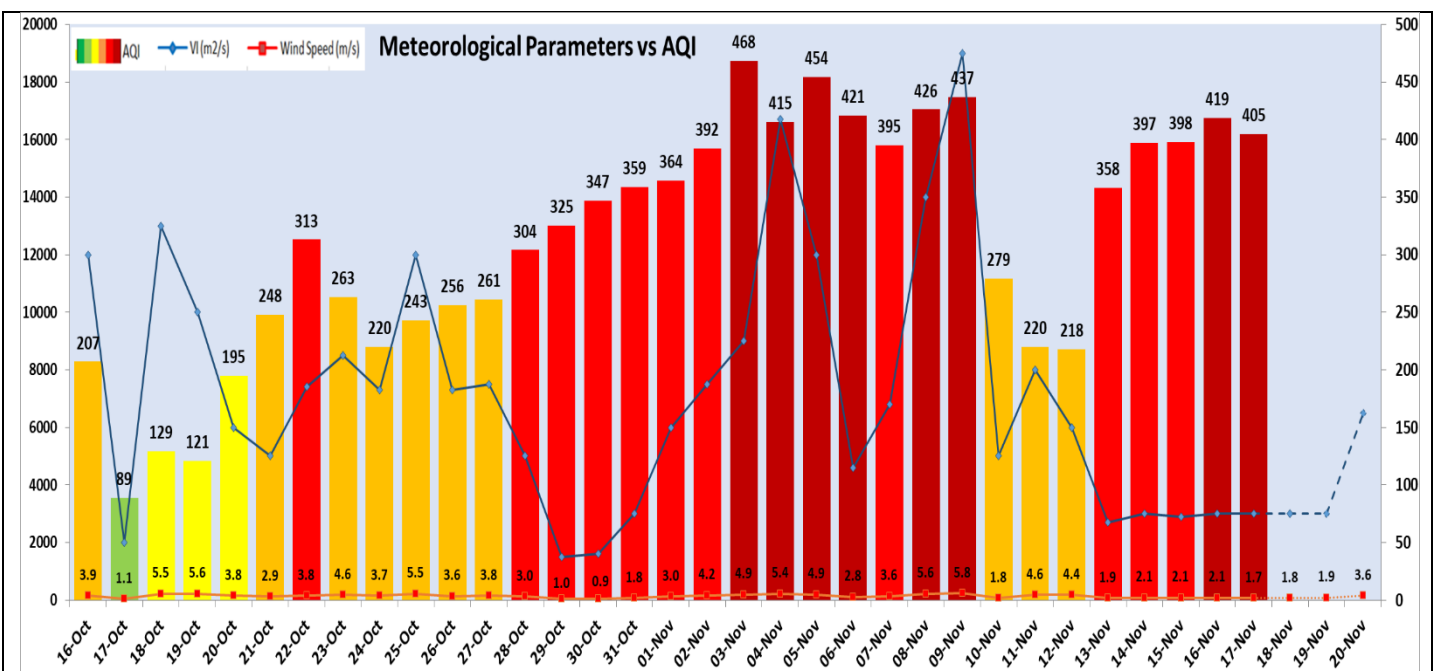
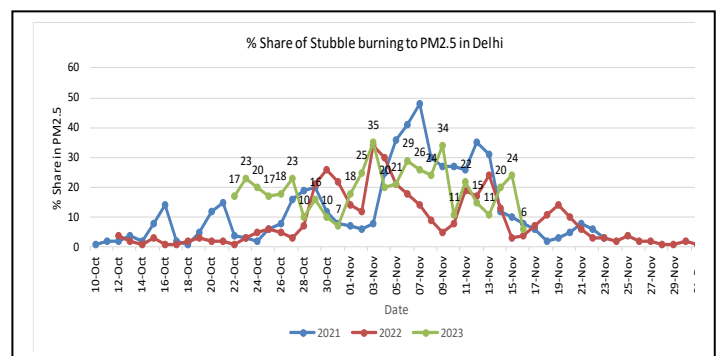
IMD Alert for Tomorrow (18.11.2023):

The air quality is likely to remain in Very Poor category from 18.11.2023 to 20.11.2023. The predominant surface wind is likely to be calm during morning hours and coming from Southeast direction with wind speed up to 4 kmph, mainly clear sky and shallow to moderate fog in the morning on 18.11.2023. 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
16.11.2023	1271	31932	46	1986
16.11.2022	1358	46822	84	3233
16.11.2021	1757	68922	269	5993

*As per IITM, the impact of stubble burning is ~6%↓



Delhi Temperature in (°C)		
Date	Minimum	Maximum
14-11-2023	12.0	27.3
15-11-2023	10.9	25.9
16-11-2023	11.3	27.4
17-11-2023	12.0	27.5

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Dwarka-Sector 8, Delhi - DPCC	467	Severe	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	463	Severe	PM _{2.5}
	Mundka, Delhi - DPCC	459	Severe	PM _{2.5}
	Punjabi Bagh, Delhi - DPCC	450	Severe	PM _{2.5}
	R K Puram, Delhi - DPCC	444	Severe	PM _{2.5}
Faridabad	Sector- 16A, Faridabad - HSPCB	409	Severe	PM _{2.5}
	Sector 11, Faridabad - HSPCB	396	Very Poor	PM ₁₀
Gurugram	Sector-51, Gurugram - HSPCB	423	Severe	PM _{2.5}
	Vikas Sadan, Gurugram - HSPCB	378	Very Poor	PM _{2.5}
	Teri Gram, Gurugram - HSPCB	362	Very Poor	PM _{2.5}
Ghaziabad	Vasundhara, Ghaziabad - UPPCB	360	Very Poor	PM _{2.5}
	Indrapuram, Ghaziabad - UPPCB	358	Very Poor	PM ₁₀
	Loni, Ghaziabad - UPPCB	348	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	416	Severe	PM _{2.5}
Noida	Sector-1, Noida - UPPCB	341	Very Poor	PM _{2.5}