



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 17, 2024



Current Air Quality Status:

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

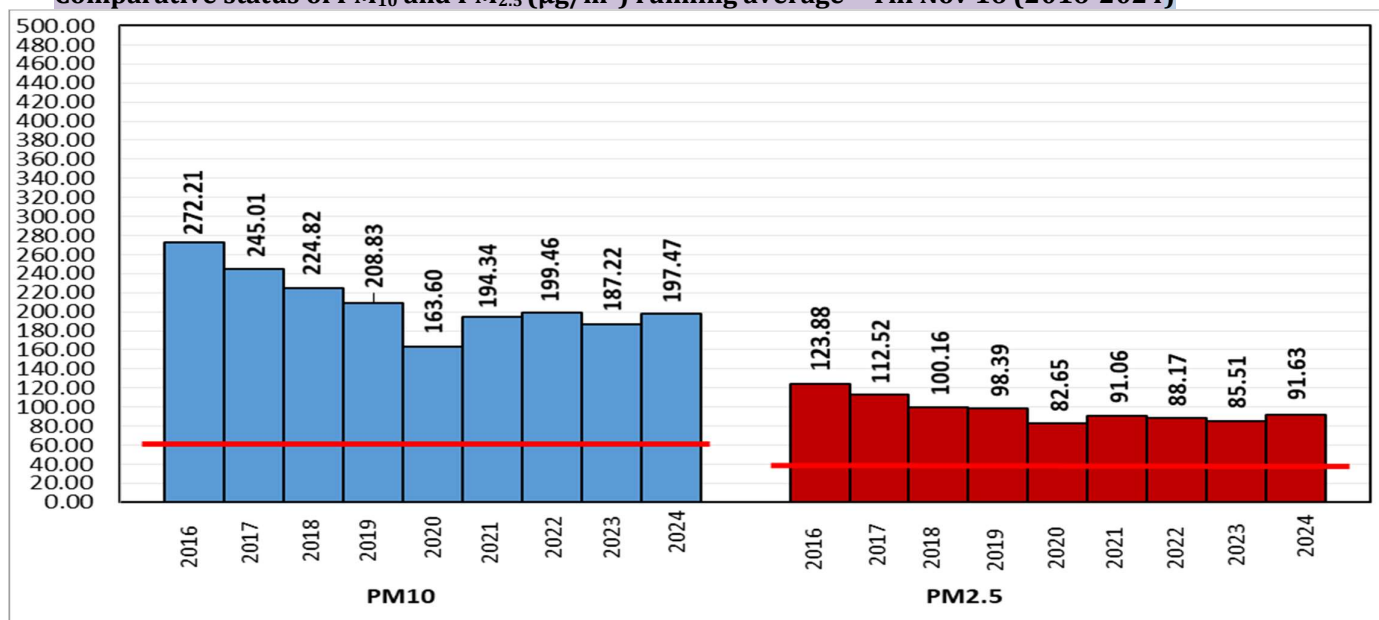
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Severe	441↑	PM _{2.5}	Severe	405↓	PM _{2.5}	Poor	260↓	PM _{2.5}
Faridabad	Poor	275↑	PM _{2.5}	Very Poor	390↓	PM _{2.5} , PM ₁₀	Poor	230↓	PM _{2.5}
Ghaziabad	Very Poor	362↓	PM _{2.5}	Very Poor	335↓	PM _{2.5} , PM ₁₀	Moderate	186↓	PM _{2.5}
Greater Noida	Very Poor	362↑	PM _{2.5} , PM ₁₀	Very Poor	348↑	PM _{2.5}	Moderate	194↓	PM ₁₀ , PM _{2.5}
Gurugram	Very Poor	310↓	PM _{2.5} , PM ₁₀	Very Poor	358↓	PM _{2.5}	Poor	223↓	PM _{2.5}
Noida	Very Poor	316↓	PM _{2.5}	Very Poor	334↓	PM _{2.5} , PM ₁₀	Moderate	199↓	PM _{2.5}

*Data available for 34(2024), 37(2023), 36(2022) 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 17 Nov 2016-2024

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2016	2017	2018	2019	2020	2021	2022	2023	2024	
	No. of days	310	321	321	321	322	321	321	321	322										
Good (0-50)		0	2	0	2	5	1	3	1	0										
Satisfactory (51-100)		23	45	53	57	95	72	65	60	66	110	149	158	175	225	197	160	206	201	
Moderate (101-200)		87	102	105	116	125	124	92	145	135										
Poor (201-300)		116	104	105	91	57	68	121	72	60										
Very Poor (301-400)		66	60	46	39	30	42	36	32	54	200	172	163	146	97	124	161	115	121	
Severe (>401)		18	8	12	16	10	14	4	11	7										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Nov 16 (2016-2024)



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

Daily Average of Particulates in Delhi (24 hourly average value; from 06:00am of 16.11.24 to 06:00 am of 17.11.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
16-Nov-2024	322↓	486↑

Hotspots for Today:		*Details given below	
Delhi	Ashok Vihar, Bawana, Mundka, Shadipur, Wazirpur	Ghaziabad	Loni, Vasundhara
Faridabad	New Industrial Town, Sector- 16A	Greater Noida	Knowledge Park - III
Gurugram	Teri Gram, Vikas Sadan	Noida	Sector – 62

Forecast by IITM(Delhi):			
	Nov 18, 2024	Nov 19, 2024	Nov 20, 2024
AQI Category	Very Poor	Very Poor	Very Poor

	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, 2024	06 TO 12	05	14	NW
Nov 19, 2024	02 TO 14	06	19	NW	NW
Nov 20, 2024	02 TO 08	05	17	NW	NW

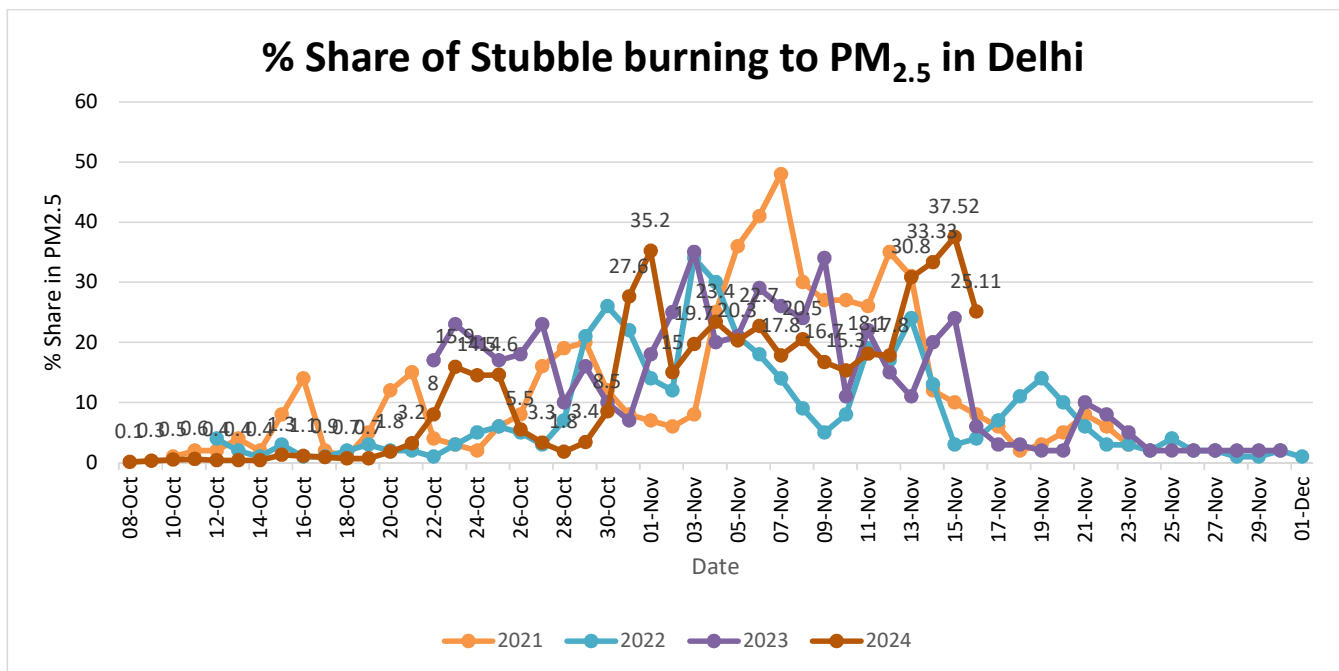
IMD Alert for Tomorrow (18.11.2024):

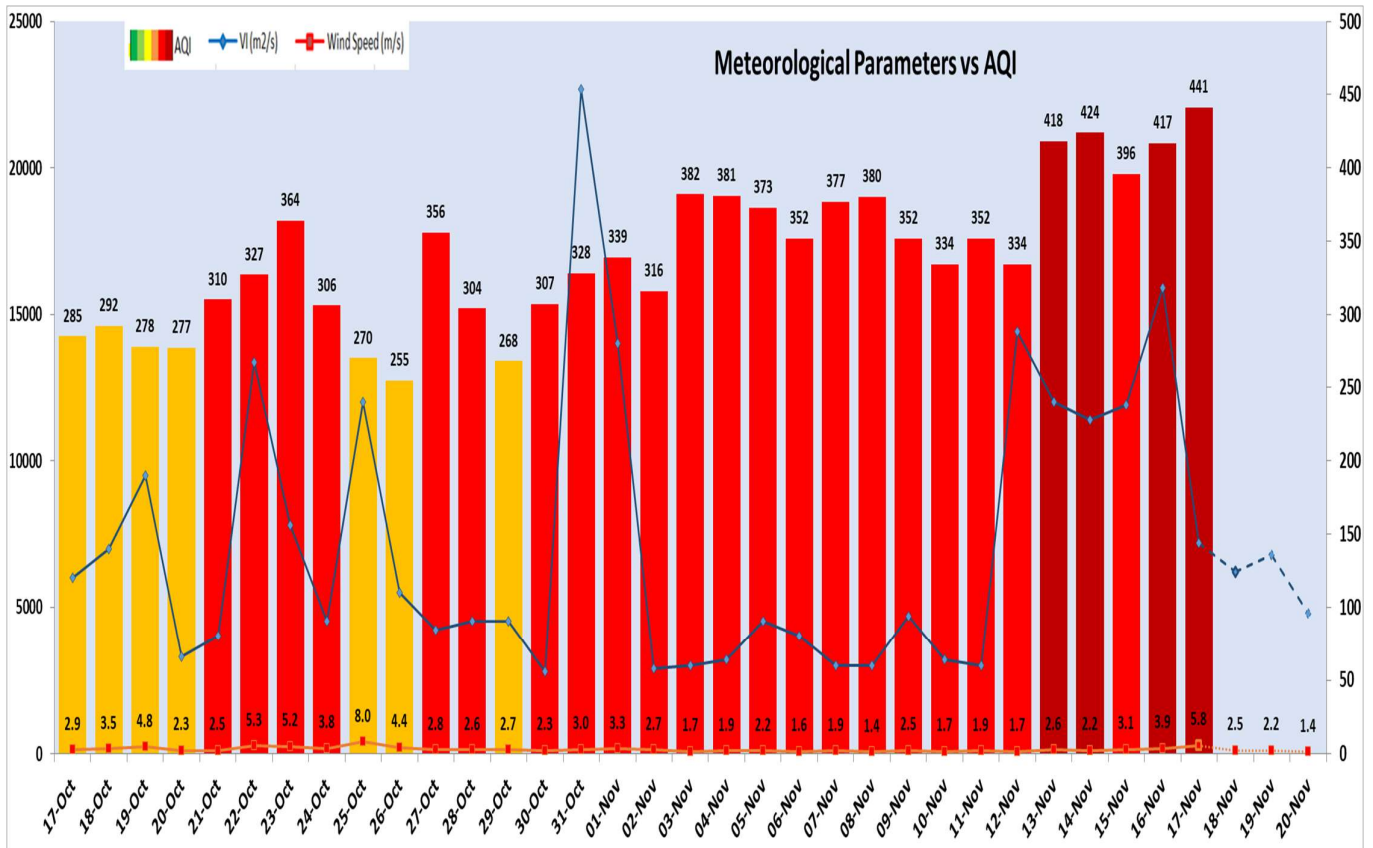
The air quality is likely to be in Very Poor category from 18.11.2024 to 20.11.2024. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 06-12 kmph, smog/ shallow to moderate fog is likely in the morning, mainly clear sky and smog/ shallow fog is likely in the evening/night on 18.11.2024. Ventilation index is likely to be 6200 m²/s.

Active Fire Events (AFEs):

Date	Punjab		Haryana	
	No. of AFE on the day	Total AFE since September 15	No. of AFE on the day	Total AFE since September 15
16.11.2024	136	8000	25	1080
16.11.2023	1271	31932	46	1986
16.11.2022	1358	46822	84	3233

% Share of Stubble burning to PM _{2.5} in Delhi	
16.11.2024	*As per IITM, the impact of stubble burning is ~ 25.11 %





Date	Minimum	Maximum
14-11-2024	16.1	27.8
15-11-2024	15.6	29.4
16-11-2024	15.3	30.5
17-11-2024	15.9	29.6

* Source – IMD (08:30 hrs.)

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Ashok Vihar, Delhi - DPCC	476	Severe	PM _{2.5}
	Bawana, Delhi - DPCC	476	Severe	PM _{2.5}
	Mundka, Delhi - DPCC	469	Severe	PM _{2.5}
	Shadipur, Delhi - CPCB	468	Severe	PM ₁₀
	Wazirpur, Delhi - DPCC	468	Severe	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	288	Poor	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	287	Poor	PM _{2.5}
Gurugram	Teri Gram, Gurugram - HSPCB	340	Very Poor	PM _{2.5}
	Vikas Sadan, Gurugram - HSPCB	319	Very Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	412	Severe	PM _{2.5}
	Vasundhara, Ghaziabad - UPPCB	396	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	386	Very Poor	PM ₁₀
Noida	Sector - 62, Noida - IMD	384	Very Poor	PM _{2.5}