



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 29, 2024



Current Air Quality Status:

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

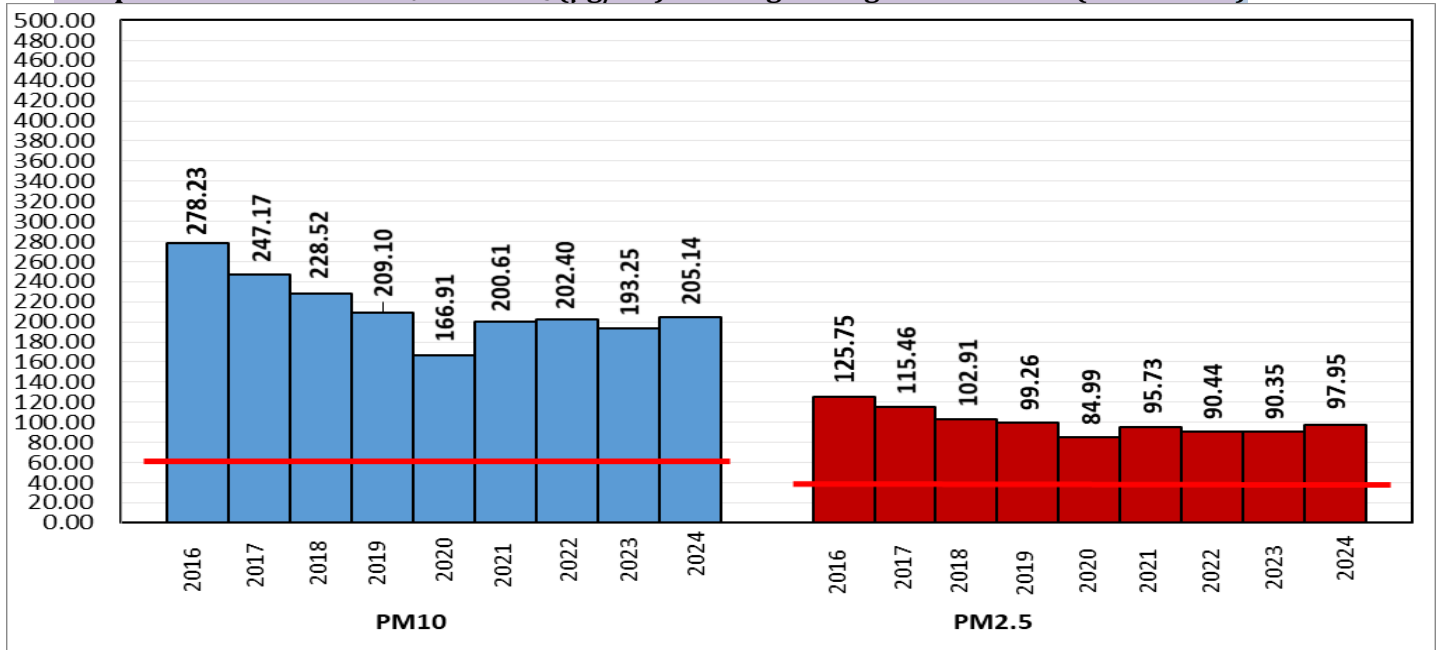
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	331↑	PM _{2.5}	Poor	290↓	PM _{2.5}	Very Poor	369↑	PM ₁₀ , PM _{2.5}
Faridabad	Moderate	190↑	PM ₁₀ , PM _{2.5}	Poor	281↑	PM ₁₀ , PM _{2.5}	Very Poor	320↑	PM _{2.5}
Ghaziabad	Poor	253↑	PM _{2.5}	Poor	236↓	PM _{2.5}	Very Poor	332↑	PM ₁₀
Greater Noida	Poor	270↓	PM ₁₀ , PM _{2.5}	Poor	286↑	PM _{2.5}	Severe	406↑	PM ₁₀ , PM _{2.5}
Gurugram	Poor	254↑	PM _{2.5}	Poor	222↑	PM _{2.5}	Very Poor	312↑	PM _{2.5}
Noida	Poor	259↑	PM _{2.5}	Poor	272↑	PM _{2.5}	Very Poor	344↑	PM _{2.5}

*Data available for 37(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 29 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	322	333	333	333	334	333	333	333	334										
Good (0–50)		0	2	0	2	5	1	3	1	0										
Satisfactory (51–100)		23	45	53	58	95	72	65	60	66	110	149	158	178	226	197	160	206	201	
Moderate (101–200)		87	102	105	118	126	124	92	145	135										
Poor (201–300)		119	106	110	96	65	69	127	73	60										
Very Poor (301–400)		75	70	53	43	32	50	42	42	62	212	184	175	155	108	136	173	127	133	
Severe (>401)		18	8	12	16	11	17	4	12	11										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Nov 28 (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 28.11.24 to 06:00 am of 29.11.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
28-Nov-2024	191↑	331↑

Hotspots for Today: *Details given below

Delhi	Bawana, Mundka, Shadipur, Anand Vihar, Vivek Vihar	Ghaziabad	Indirapuram, Loni
Faridabad	Sector 11	Greater Noida	Knowledge Park - V
Gurugram	NISE Gwal Pahari, Vikas Sadan	Noida	Sector - 62, Sector-116

Forecast by IITM(Delhi):

	Nov 30, 2024	Dec 01, 2024	Dec 02, 2024
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 30, 2024	04-08	06	23	NW	N
Dec 01, 2024	04-08	05	20	NW/W	NW
Dec 02, 2024	02-08	06	18	N/NE	N

IMD Alert for Tomorrow (30.11.2024):

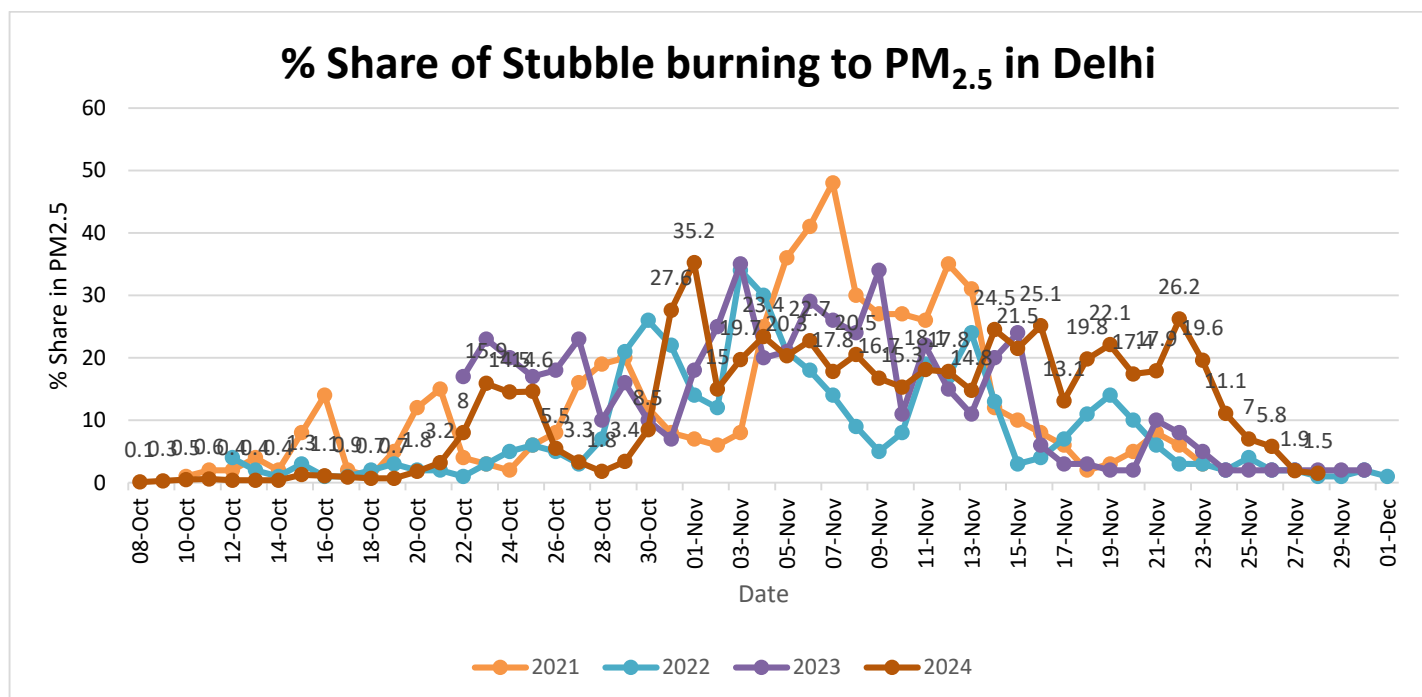
The air quality is likely to be in Very Poor category from 30.11.2024 to 02.12.2024. The predominant surface wind is likely to be from variable direction with speed less than 04 kmph during morning hours. Smog/ shallow fog is likely in the morning. The wind speed will increase thereafter becoming less than 06 kmph from variable direction during afternoon. It will decrease thereafter becoming less than 04 kmph from variable direction during evening and night. Smog/Mist is likely in the evening/night and mainly clear sky on 30.11.2024. Ventilation index is likely to be 3600 m²/s.

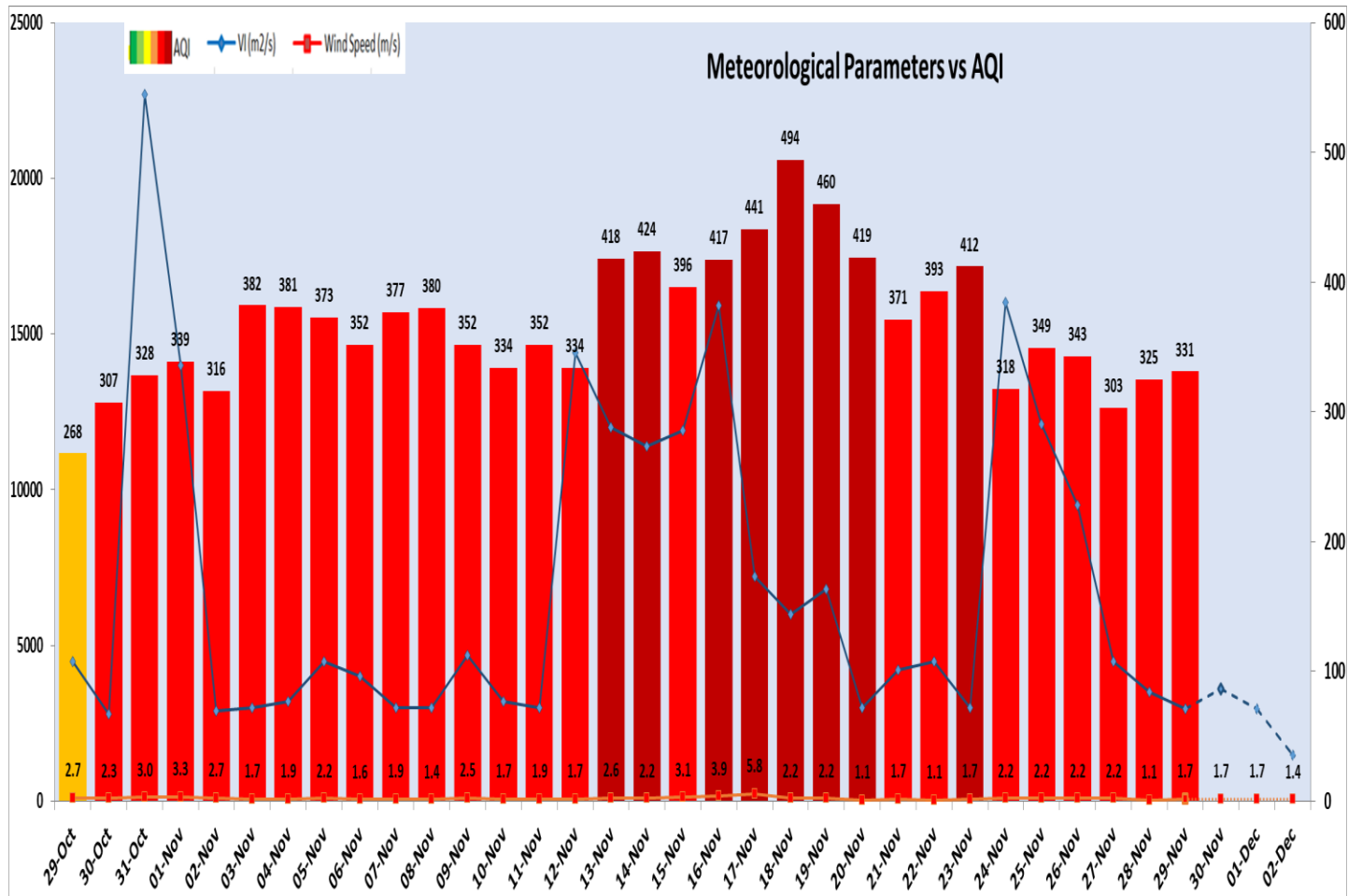
Active Fire Events (AFE):

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
28.11.2024	34	10855	07	1380
28.11.2023	18	36632	00	2285
28.11.2022	11	49899	13	3642

% Share of Stubble burning to PM_{2.5} in Delhi

28.11.2024	*As per IITM, the impact of stubble burning is ~ 1.5 %
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Delhi Temperature in (°C)*

Date	Minimum	Maximum
26-11-2024	11.9	25.8
27-11-2024	10.4	26.7
28-11-2024	10.1	27.3
29-11-2024	9.5	27.0

* Source – IMD (08:30 hrs.)

*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Bawana, Delhi - DPCC	426	Severe	PM _{2.5}
	Mundka, Delhi - DPCC	406	Severe	PM _{2.5}
	Shadipur, Delhi - CPCB	394	Very Poor	PM _{2.5}
	Anand Vihar, Delhi - DPCC	389	Very Poor	PM ₁₀
	Vivek Vihar, Delhi - DPCC	385	Very Poor	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	217	Poor	PM _{2.5}
Gurugram	NISE Gwal Pahari, Gurugram - IMD	286	Poor	PM _{2.5}
	Vikas Sadan, Gurugram - HSPCB	280	Poor	PM _{2.5}
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	284	Poor	PM _{2.5}
	Loni, Ghaziabad - UPPCB	263	Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	279	Poor	PM ₁₀
Noida	Sector - 62, Noida - IMD	294	Poor	PM _{2.5}
	Sector-116, Noida - UPPCB	293	Poor	PM _{2.5}