



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 27, 2024



Current Air Quality Status:

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

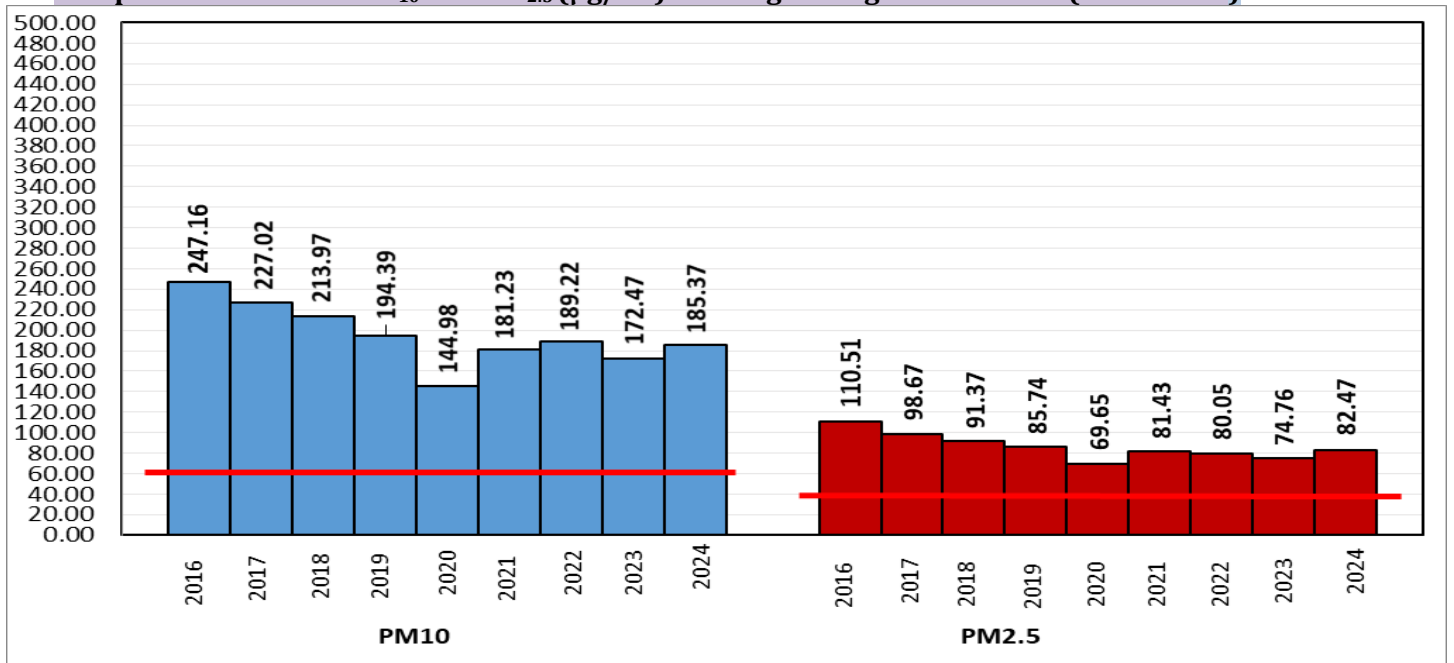
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	356↑	PM _{2.5} , PM ₁₀	Poor	261↑	PM _{2.5} , PM ₁₀	Very Poor	354↑	PM ₁₀ , PM _{2.5}
Faridabad	Poor	208↑	PM _{2.5} , PM ₁₀	Poor	235↓	PM _{2.5}	Very Poor	315↑	PM ₁₀ , PM _{2.5}
Ghaziabad	Very Poor	324↑	PM _{2.5}	Poor	227↓	PM _{2.5} , O ₃	Very Poor	373↑	PM ₁₀ , PM _{2.5}
Greater Noida	Very Poor	312↑	PM _{2.5} , PM ₁₀	Poor	280↑	PM _{2.5} , PM ₁₀	Very Poor	368↑	PM _{2.5}
Gurugram	Poor	239↑	PM _{2.5}	Poor	224↓	PM _{2.5}	Very Poor	362↑	PM _{2.5}
Noida	Very Poor	304↑	PM _{2.5}	Poor	220↑	PM ₁₀	Very Poor	354↑	PM ₁₀ , PM _{2.5}

*Data available for 37(2024), 36(2023), 27(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 27 Oct 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	289	300	300	300	301	300	300	300	301	2016	2017	2018	2019	2020	2021	2022	2023	2024	
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	157	175	224	197	160	206	201	
Moderate (101–200)		87	102	104	116	124	124	92	145	135										
Poor (201–300)		116	103	103	88	54	63	115	69	59										
Very Poor (301–400)		56	47	34	30	21	34	24	22	38	179	151	143	125	77	103	140	94	100	
Severe (>401)		7	1	6	7	2	6	1	3	3										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Oct 26 (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 26.10.24 to 06:00 am of 27.10.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
26-Oct -2024	196↑	371↑

Hotspots for Today: *Details given below

Delhi	Bawana, Burari Crossing, Jahangirpuri, Anand Vihar, Wazirpur	Ghaziabad	Loni, Sanjay Nagar
Faridabad	New Industrial Town, Sector- 16A	Greater Noida	Knowledge Park – V
Gurugram	Teri Gram, Vikas Sadan	Noida	Sector - 125, Sector-1

Forecast by IITM(Delhi):

	Oct 28, 2024	Oct 29, 2024	Oct 30, 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
Oct 28, 2024	12-08	06	07	SE	S
Oct 29, 2024	08-06	01	07	SE	W
Oct 30, 2024	06-04	04	14	VAR	NW

IMD Alert for Tomorrow (28.10.2024):

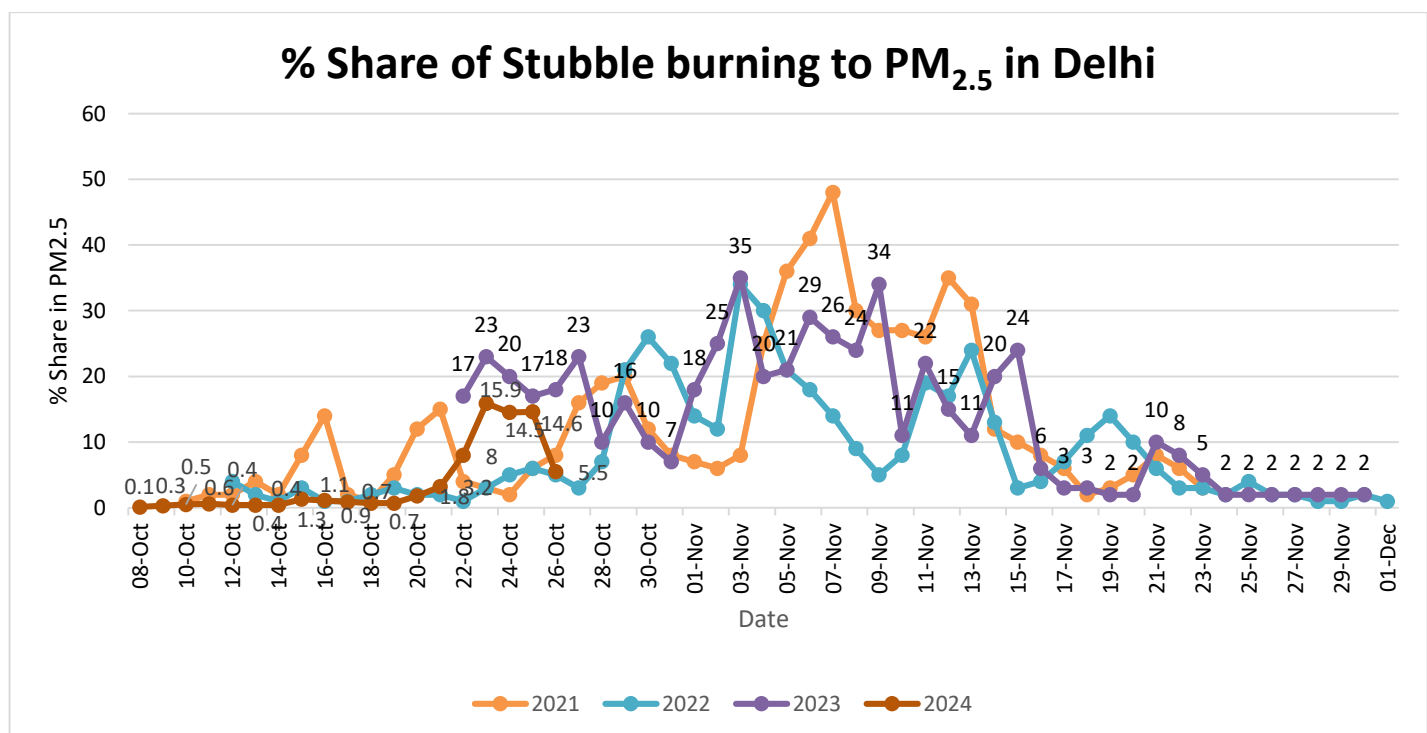
The air quality is likely to be in Very Poor category from 28.10.2024 to 30.10.2024. The predominant surface wind is likely to be coming from Southeast direction in Delhi with wind speed 12-08 kmph, mist in the morning and mainly clear sky on 28.10.2024. Ventilation index is likely to be 4500 m²/s.

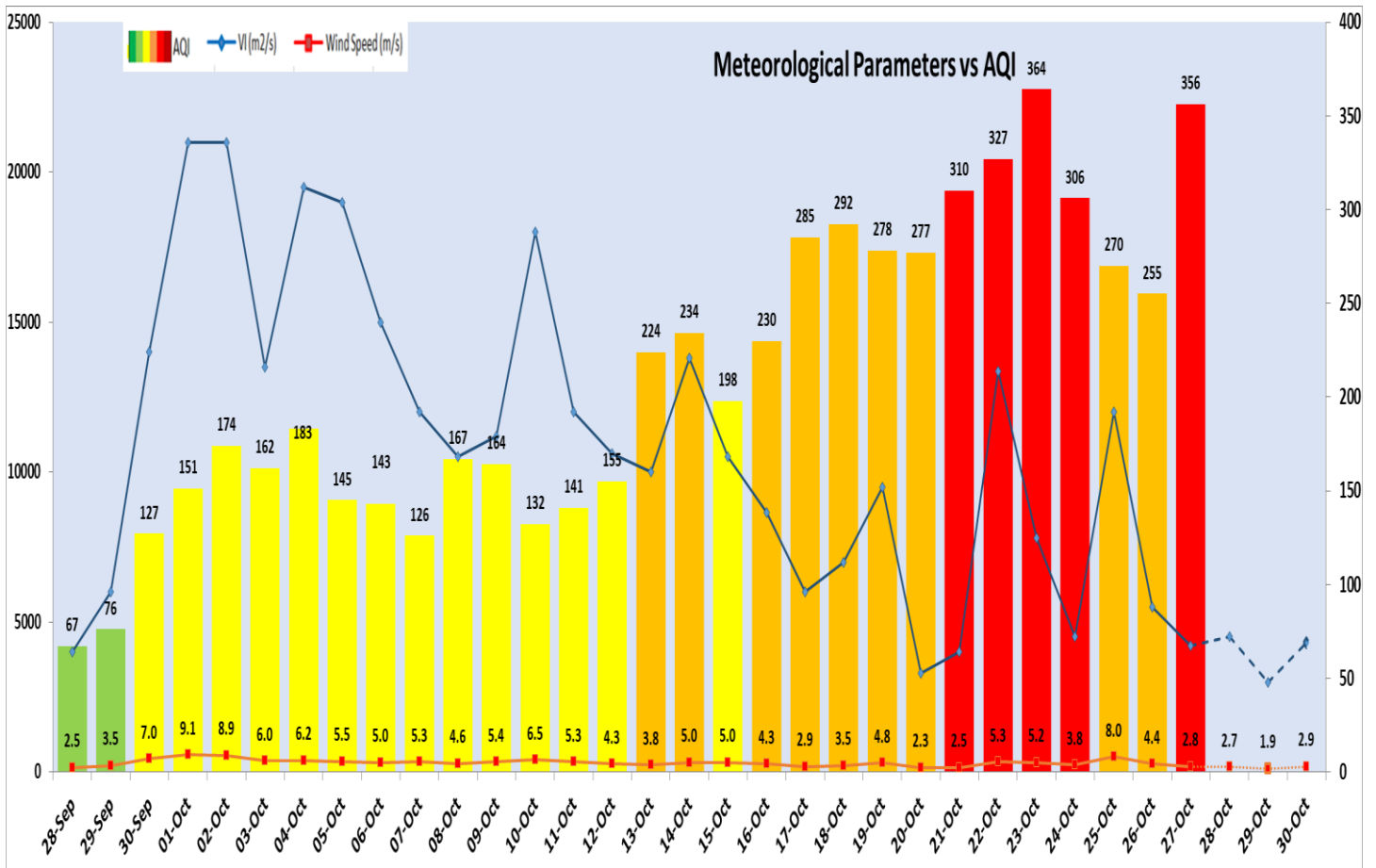
Active Fire Events (AFE):

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
26.10.2024	108	1857	11	700
26.10.2023	589	3293	67	938
26.10.2022	1238	7036	123	1495

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

26.10.2024	*As per IITM, the impact of stubble burning is ~ 5.5 %
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Delhi Temperature in (°C)

Date	Minimum	Maximum
24-10-2024	20.7	33.1
25-10-2024	19.2	34.0
26-10-2024	18.6	34.0
27-10-2024	20.1	33.0

*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Bawana, Delhi - DPCC	411	Severe	PM _{2.5}
	Burari Crossing, Delhi - IMD	405	Severe	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	404	Severe	PM ₁₀
	Anand Vihar, Delhi - DPCC	394	Very Poor	PM _{2.5}
	Wazirpur, Delhi - DPCC	394	Very Poor	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	259	Poor	PM ₁₀
	Sector- 16A, Faridabad - HSPCB	217	Poor	PM _{2.5}
Gurugram	Teri Gram, Gurugram - HSPCB	270	Poor	PM _{2.5}
	Vikas Sadan, Gurugram - HSPCB	249	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	350	Very Poor	PM _{2.5}
	Sanjay Nagar, Ghaziabad - UPPCB	329	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	331	Very Poor	PM ₁₀
Noida	Sector - 125, Noida - UPPCB	315	Very Poor	PM _{2.5}
	Sector-1, Noida - UPPCB	306	Very Poor	PM _{2.5}