



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 29, 2024



Current Air Quality Status:

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

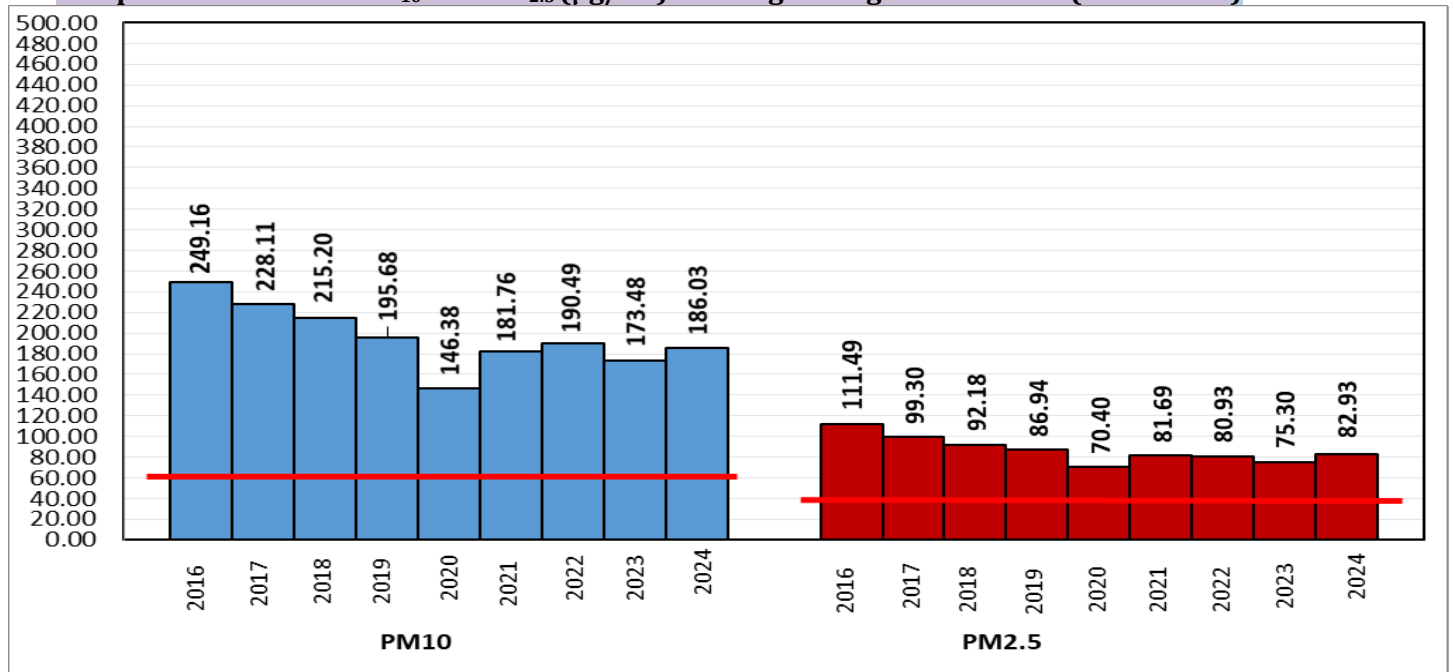
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	268↓	PM _{2.5} , PM ₁₀	Very Poor	325↑	PM ₁₀ , PM _{2.5}	Very Poor	397↑	PM ₁₀ , PM _{2.5}
Faridabad	Moderate	164↓	PM _{2.5} , PM ₁₀	Very Poor	309↑	PM ₁₀ , PM _{2.5}	Very Poor	400↑	PM ₁₀ , PM _{2.5}
Ghaziabad	Poor	231↑	PM _{2.5} , O ₃	Poor	286↓	PM _{2.5} , PM ₁₀	Very Poor	367↓	PM ₁₀ , PM _{2.5}
Greater Noida	Poor	210↓	PM _{2.5} , PM ₁₀	Very Poor	344↓	PM _{2.5}	Very Poor	385↑	PM ₁₀ , PM _{2.5}
Gurugram	Poor	243↑	PM _{2.5}	Moderate	198↓	PM _{2.5}	Very Poor	375↑	PM _{2.5}
Noida	Poor	213↓	PM _{2.5} , PM ₁₀	Poor	281↓	PM ₁₀	Very Poor	381↑	PM ₁₀ , PM _{2.5}

*Data available for 36(2024), 34(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 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	291	302	302	302	303	302	302	302	303										
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	55	65	115	69	60										
Very Poor (301–400)		58	49	36	32	22	34	26	24	39	181	153	145	127	79	105	142	96	102	
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 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 28.10.24 to 06:00 am of 29.10.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
28-Oct -2024	132↓	260↓

Hotspots for Today: *Details given below

Delhi	Mundka, Narela, Bawana, Alipur, Anand Vihar	Ghaziabad	Sanjay Nagar, Vasundhara
Faridabad	Sector 11, New Industrial Town	Greater Noida	Knowledge Park - V
Gurugram	NISE Gwal Pahari	Noida	Sector - 125, Sector-116

Forecast by IITM(Delhi):

	Oct 30, 2024	Oct 31, 2024	Nov 01, 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 30, 2024	06-10	08	16	VAR	NW
Oct 31, 2024	08-16	09	34	NW	NW
Nov 01, 2024	06-16	09	28	NW/ESE	W

IMD Alert for Tomorrow (30.10.2024):

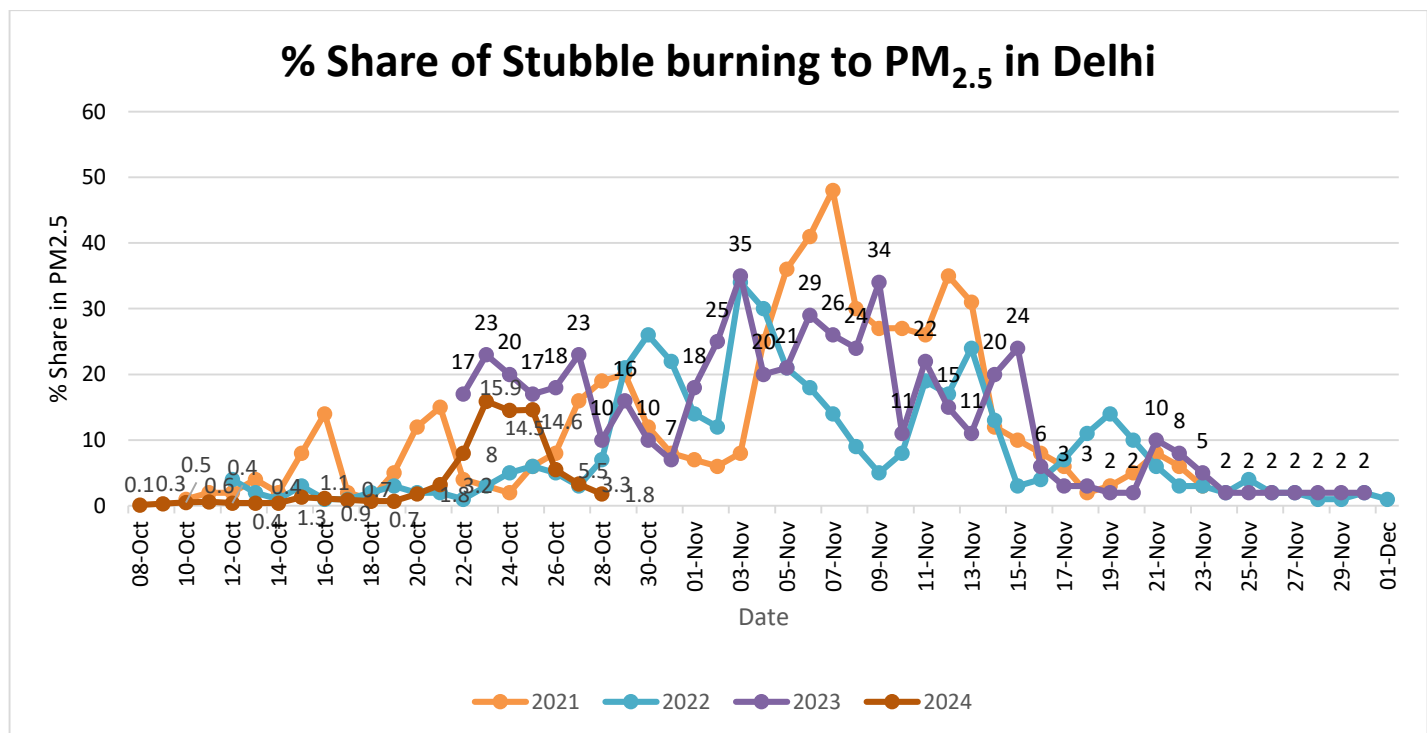
The air quality is likely to be in Very Poor category from 30.10.2024 to 01.11.2024. The predominant surface wind is likely to be Variable in direction in Delhi with wind speed 06-10 kmph, mist in the morning and mainly clear sky on 30.10.2024. Ventilation index is likely to be 3000 m²/s.

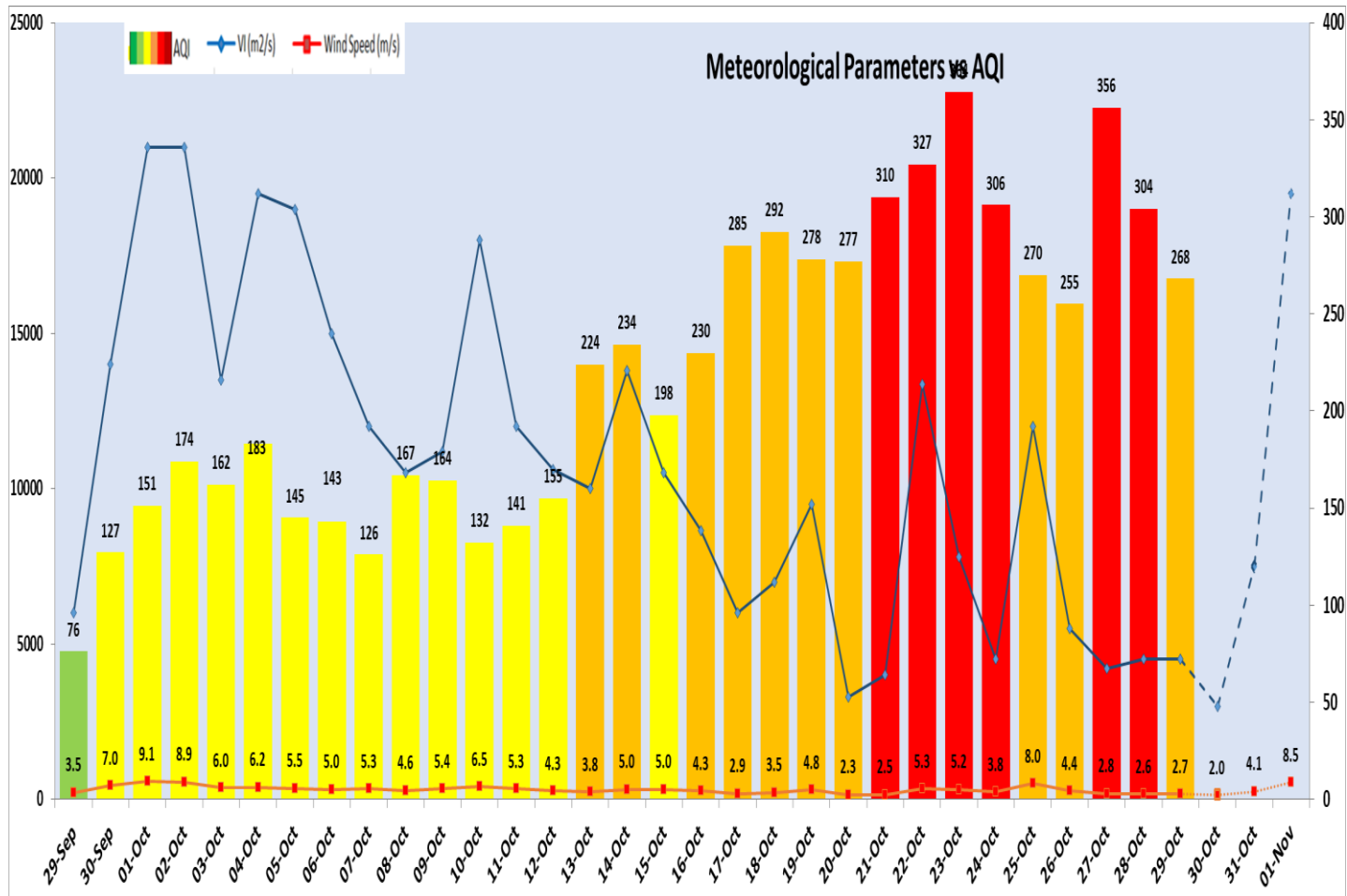
Active Fire Events (AFE):

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
28.10.2024	142	2137	13	726
28.10.2023	127	4186	14	1019
28.10.2022	2067	10214	123	1701

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

28.10.2024 *As per IITM, the impact of stubble burning is ~ 1.8 %





Delhi Temperature in (°C)

Date	Minimum	Maximum
26-10-2024	18.6	34.0
27-10-2024	20.1	33.0
28-10-2024	20.4	34.2
29-10-2024	20.3	34.4

*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Mundka, Delhi - DPCC	324	Very Poor	PM ₁₀
	Narela, Delhi - DPCC	322	Very Poor	PM ₁₀
	Bawana, Delhi - DPCC	321	Very Poor	PM _{2.5}
	Alipur, Delhi - DPCC	316	Very Poor	PM _{2.5}
	Anand Vihar, Delhi - DPCC	311	Very Poor	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	222	Poor	PM _{2.5}
	New Industrial Town, Faridabad - HSPCB	178	Moderate	PM ₁₀
Gurugram	NISE Gwal Pahari, Gurugram - IMD	311	Very Poor	PM _{2.5}
Ghaziabad	Sanjay Nagar, Ghaziabad - UPPCB	277	Poor	PM _{2.5}
	Vasundhara, Ghaziabad - UPPCB	232	Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	235	Poor	PM ₁₀
Noida	Sector - 125, Noida - UPPCB	251	Poor	PM ₁₀
	Sector-116, Noida - UPPCB	217	Poor	PM _{2.5}