



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 21, 2024



Current Air Quality Status:

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

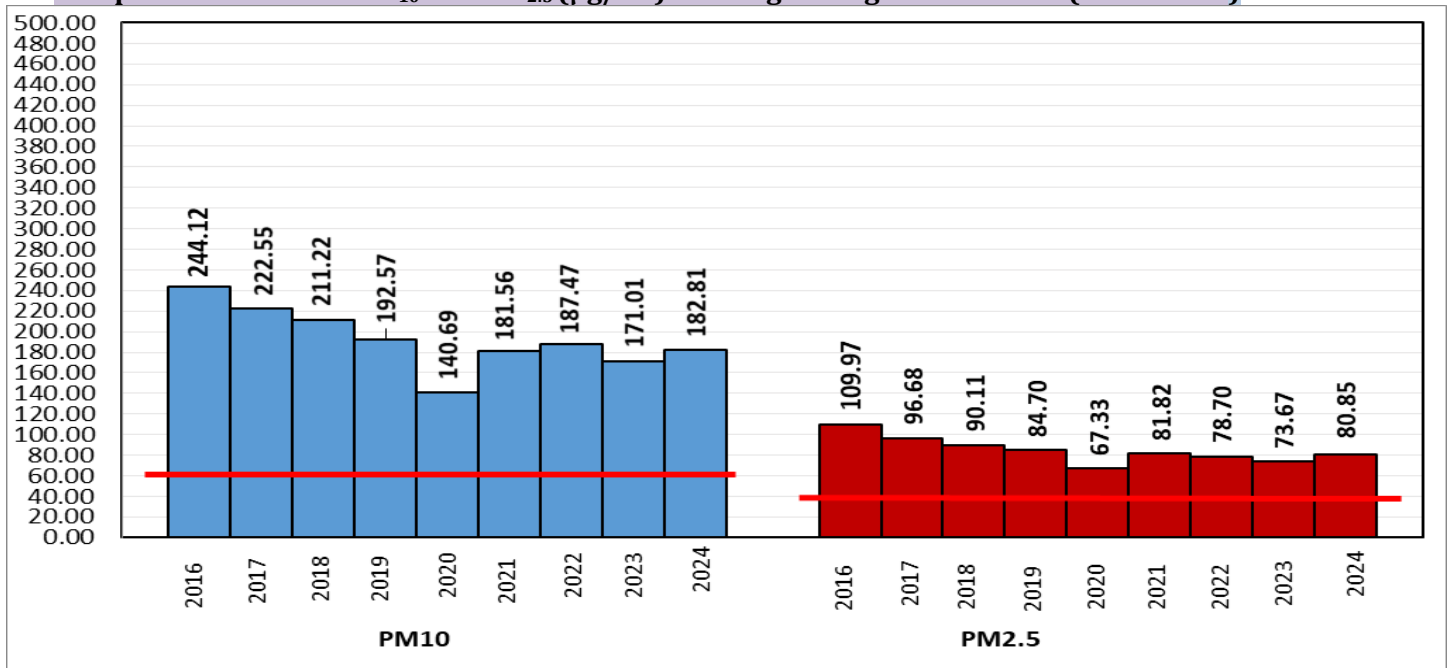
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	310↑	PM _{2.5} , PM ₁₀	Poor	248↑	PM _{2.5}	Poor	262↑	PM ₁₀ , PM _{2.5}
Faridabad	Moderate	165↑	PM _{2.5} , PM ₁₀	Poor	217↓	PM _{2.5}	Very Poor	312↑	PM ₁₀ , PM _{2.5}
Ghaziabad	Poor	257↑	PM _{2.5}	Poor	227↑	PM _{2.5} , PM ₁₀	Poor	300↑	PM _{2.5}
Greater Noida	Moderate	183↑	PM _{2.5} , PM ₁₀	Poor	289↑	PM _{2.5}	Poor	246↑	PM ₁₀
Gurugram	Poor	210↓	PM _{2.5}	Moderate	198↑	PM _{2.5}	Poor	242↑	PM _{2.5} , PM ₁₀
Noida	Poor	252↑	PM _{2.5}	Poor	249↑	PM _{2.5} , PM ₁₀	Poor	258↑	PM ₁₀ , PM _{2.5}

*Data available for 36(2024), 34(2023), 35(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 21 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	283	294	294	294	295	294	294	294	295	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	71	65	60	66	110	149	157	174	224	192	160	206	201	
Moderate (101–200)		87	102	104	115	124	120	92	145	135										
Poor (201–300)		110	103	100	83	53	62	112	64	57										
Very Poor (301–400)		56	42	31	30	16	34	21	21	34	173	145	137	120	71	102	134	88	94	
Severe (>401)		7	0	6	7	2	6	1	3	3										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Oct 20 (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 20.10.24 to 06:00 am of 21.10.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
20-Oct -2024	153↑	296↓

Hotspots for Today: *Details given below

Delhi	Anand Vihar, R K Puram, Wazirpur, Shadipur, Bawana	Ghaziabad	Loni, Sanjay Nagar
Faridabad	New Industrial Town, Sector-16A	Greater Noida	Knowledge Park – V
Gurugram	Teri Gram	Noida	Sector – 116, Sector - 1

Forecast by IITM(Delhi):

	Oct 22, 2024	Oct 23, 2024	Oct 24, 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 22, 2024	08-10	07	12	SE/NE	NW
Oct 23, 2024	08-14	08	29	N/NE	NW
Oct 24, 2024	04-12	09	24	NW/NE	NW

IMD Alert for Tomorrow (22.10.2024):

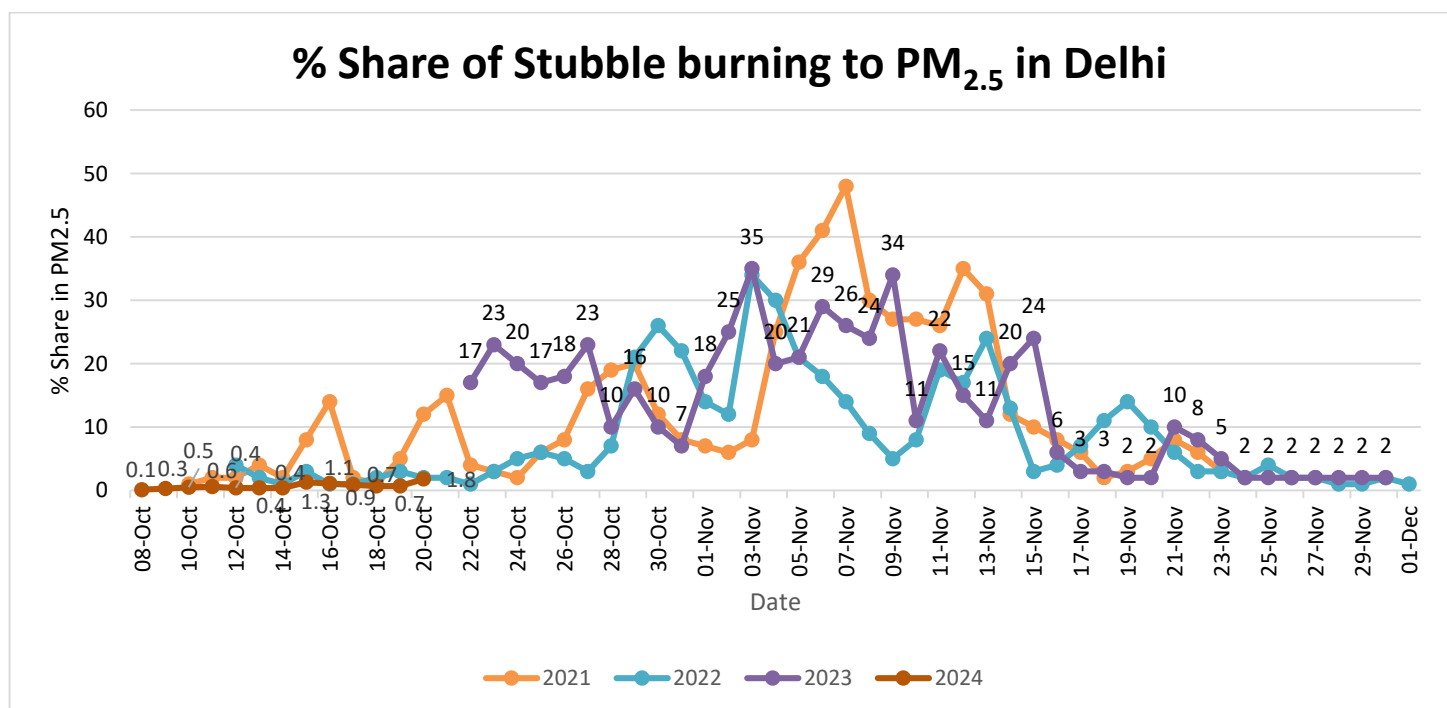
The air quality is likely to be in lower end of Very Poor category from 22.10.2024 to 24.10.2024. The predominant surface wind is likely to be coming from Southeast/Northeast directions in Delhi with wind speed 08-10 kmph and mainly clear sky on 22.10.2024. Ventilation index is likely to be 9500 m²/s.

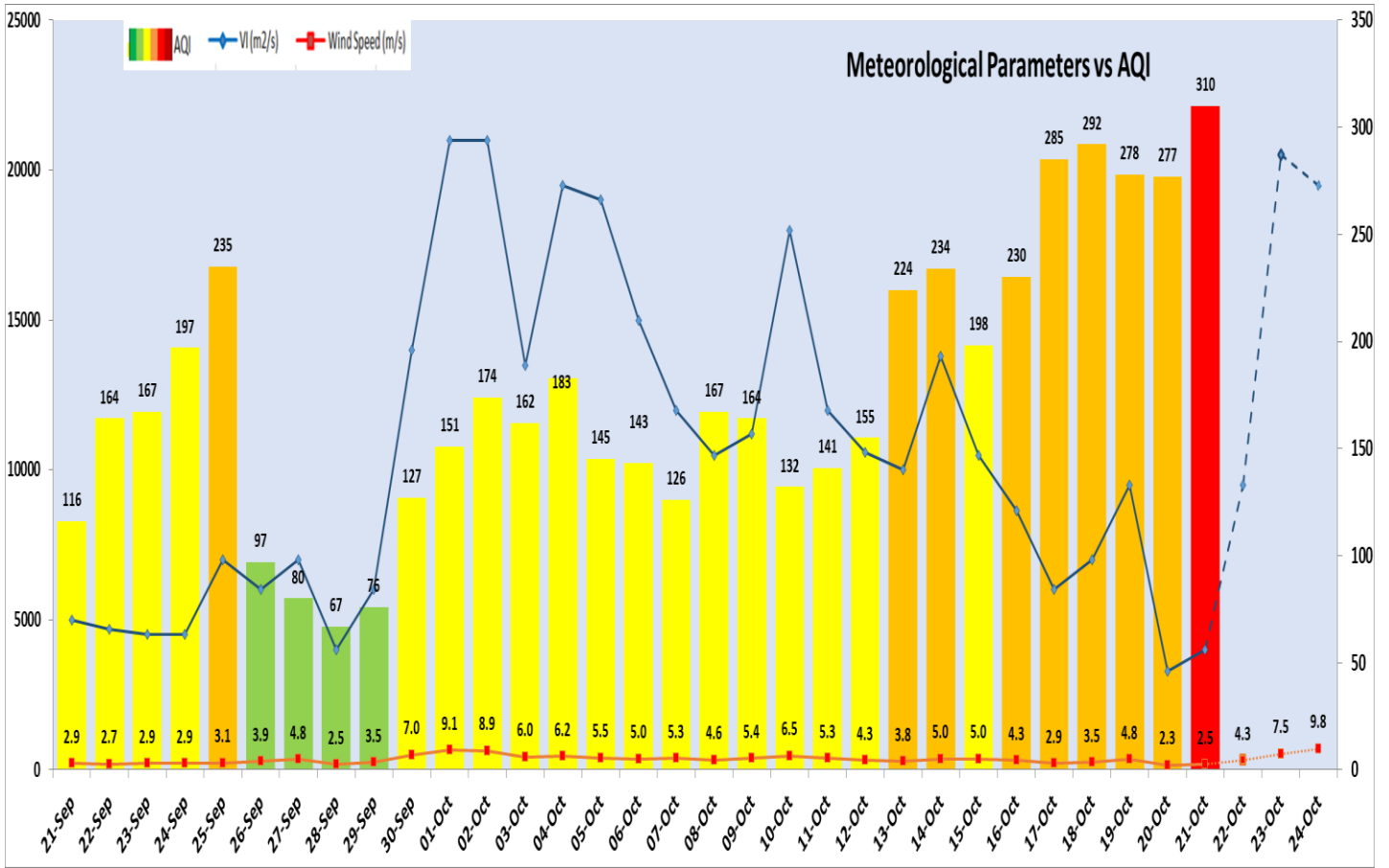
Active Fire Events (AFEs):

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
20.10.2024	52	1445	11	653
20.10.2023	174	1618	51	621
20.10.2022	96	2721	78	664

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

20.10.2024	*As per IITM, the impact of stubble burning is ~ 1.8 %
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Delhi Temperature in (°C)

Date	Minimum	Maximum
18-10-2024	19.5	36.2
19-10-2024	20.2	36.2
20-10-2024	20.3	36.5
21-10-2024	20.4	35.8

*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	359	Very Poor	PM ₁₀
	R K Puram, Delhi - DPCC	349	Very Poor	PM _{2.5}
	Wazirpur, Delhi - DPCC	348	Very Poor	PM _{2.5}
	Shadipur, Delhi - CPCB	346	Very Poor	PM _{2.5}
	Bawana, Delhi - DPCC	345	Very Poor	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	192	Moderate	PM ₁₀
	Sector- 16A, Faridabad - HSPCB	179	Moderate	PM _{2.5}
Gurugram	Teri Gram, Gurugram - HSPCB	227	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	305	Very Poor	PM _{2.5}
	Sanjay Nagar, Ghaziabad - UPPCB	275	Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	210	Poor	PM ₁₀
Noida	Sector-116, Noida - UPPCB	266	Poor	PM _{2.5}
	Sector-1, Noida - UPPCB	262	Poor	PM _{2.5}