



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 22, 2024



Current Air Quality Status:

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

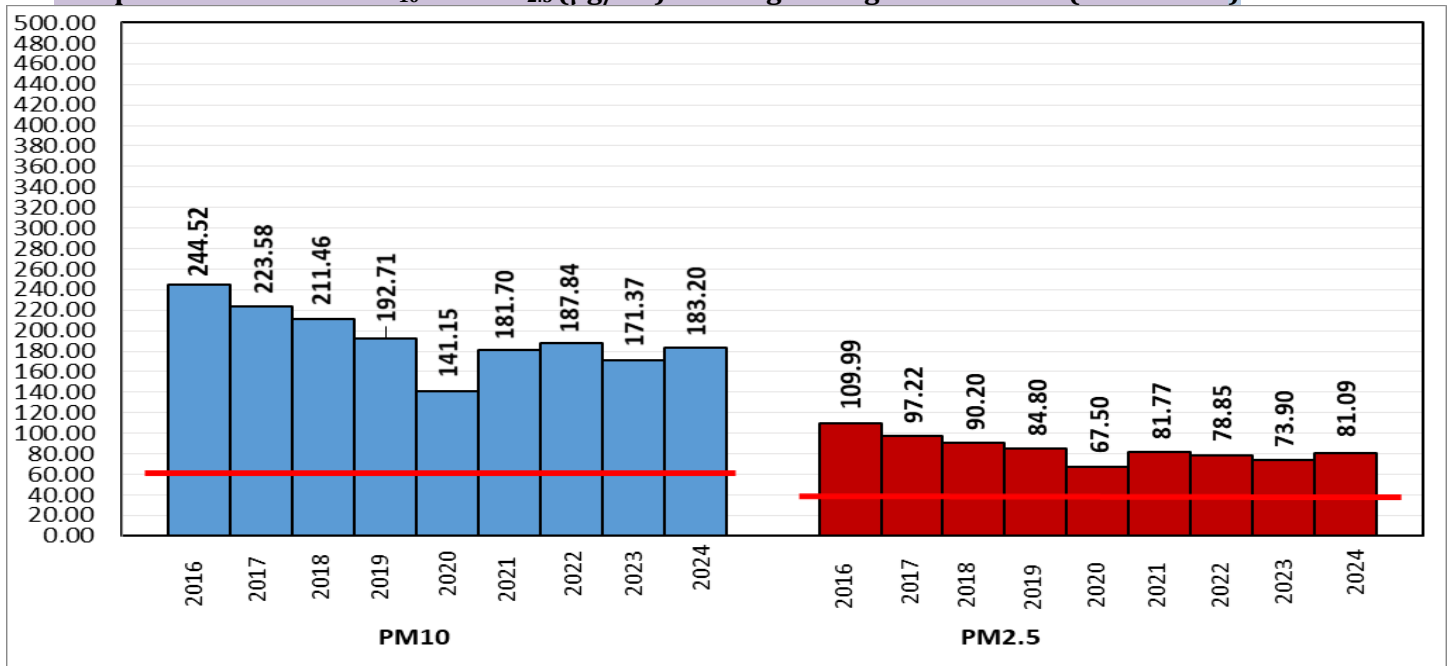
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	327↑	PM ₁₀	Very Poor	313↑	PM _{2.5}	Poor	265↑	PM ₁₀
Faridabad	Moderate	162↓	PM _{2.5}	Very Poor	322↑	PM _{2.5}	Poor	280↓	PM ₁₀ , PM _{2.5}
Ghaziabad	Poor	284↑	PM _{2.5}	Poor	246↑	PM _{2.5}	Very Poor	312↑	PM ₁₀ , PM _{2.5}
Greater Noida	Poor	226↑	PM ₁₀	Very Poor	354↑	PM _{2.5}	Poor	261↑	PM ₁₀
Gurugram	Poor	223↑	PM _{2.5}	Poor	255↑	PM _{2.5}	Poor	206↓	PM _{2.5} , O ₃
Noida	Poor	261↑	PM _{2.5}	Very Poor	304↑	PM _{2.5} , PM ₁₀	Poor	290↑	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 22 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	284	295	295	295	296	295	295	295	296	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	175	224	193	160	206	201	
Moderate (101–200)		87	102	104	116	124	121	92	145	135										
Poor (201–300)		111	103	101	83	54	62	113	64	57										
Very Poor (301–400)		56	43	31	30	16	34	21	22	35	174	146	138	120	72	102	135	89	95	
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 21 (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 21.10.24 to 06:00 am of 22.10.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
21-Oct -2024	154↑	298↑

Hotspots for Today: *Details given below

Delhi	Anand Vihar, Mundka, Jahangirpuri, Rohini, Bawana	Ghaziabad	Loni, Sanjay Nagar
Faridabad	New Industrial Town, Sector-16A	Greater Noida	Knowledge Park – V
Gurugram	Teri Gram, Sector-51	Noida	Sector – 116, Sector - 1

Forecast by IITM(Delhi):

	Oct 23, 2024	Oct 24, 2024	Oct 25, 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 23, 2024	04-16	09	32	VAR	NW
Oct 24, 2024	06-16	08	25	NW/NNW	N
Oct 25, 2024	10-12	08	35	NNW/NE	NW

IMD Alert for Tomorrow (23.10.2024):

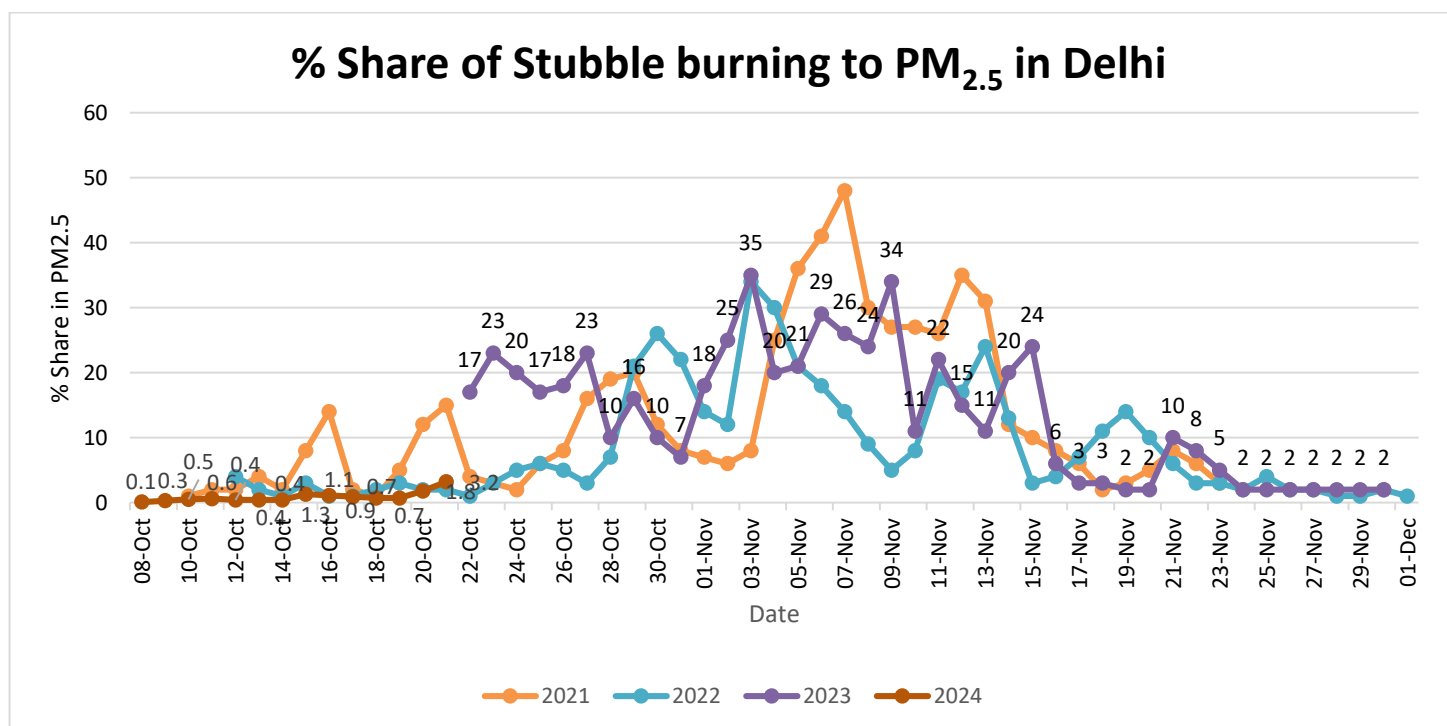
The air quality is likely to be in Very Poor category from 23.10.2024 to 25.10.2024. The predominant surface wind is likely to be in variable directions in Delhi with wind speed 04-16 kmph and mainly clear sky on 23.10.2024. Ventilation index is likely to be 21000 m²/s.

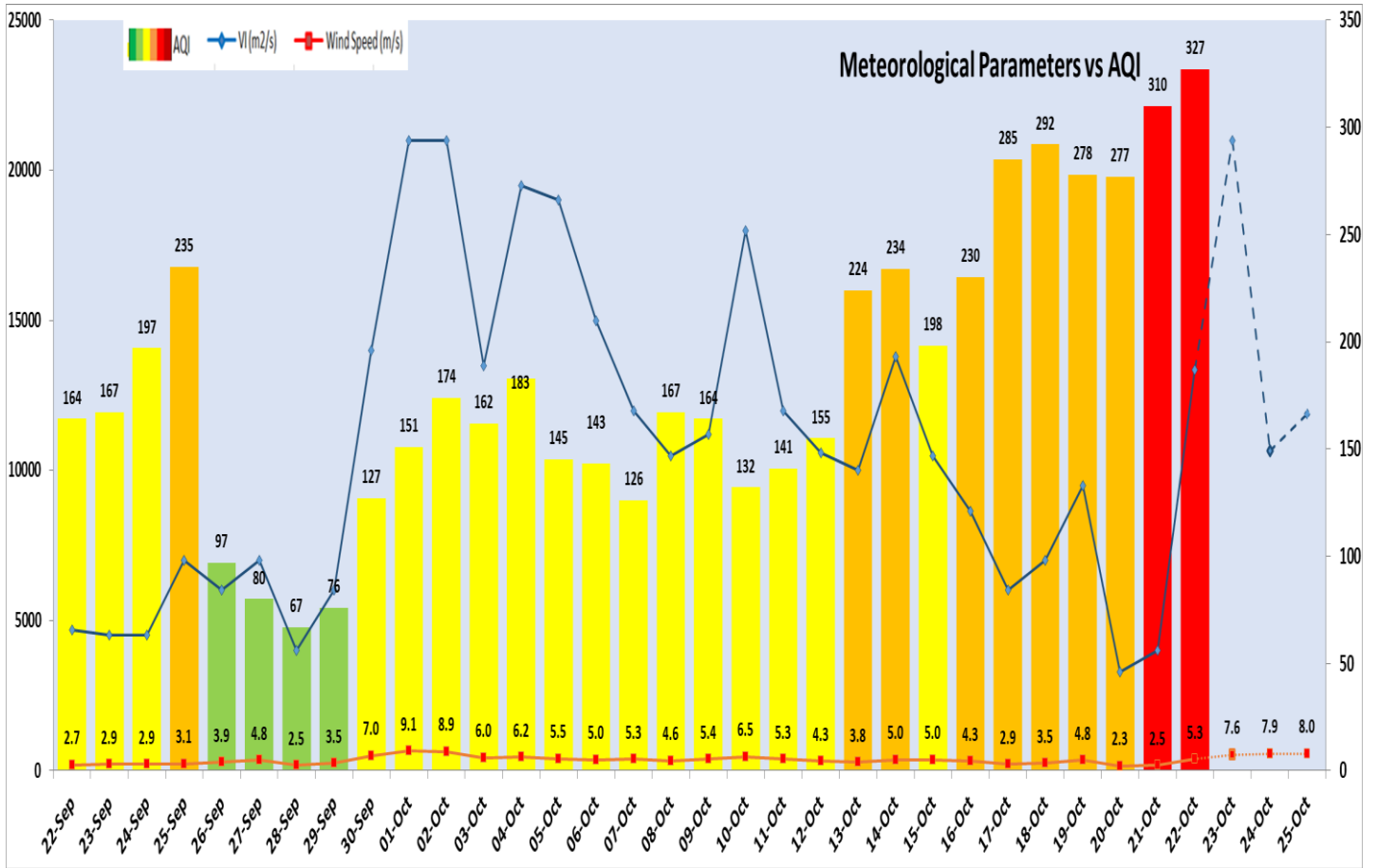
Active Fire Events (AFEs):

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
21.10.2024	65	1510	02	655
21.10.2023	146	1764	68	689
21.10.2022	393	3114	107	771

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

21.10.2024	*As per IITM, the impact of stubble burning is ~ 3.2 %
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Delhi Temperature in (°C)

Date	Minimum	Maximum
19-10-2024	20.2	36.2
20-10-2024	20.3	36.5
21-10-2024	20.4	35.8
22-10-2024	20.4	34.7

*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	417	Severe	PM ₁₀
	Mundka, Delhi - DPCC	388	Very Poor	PM ₁₀
	Jahangirpuri, Delhi - DPCC	377	Very Poor	PM ₁₀
	Rohini, Delhi - DPCC	369	Very Poor	PM _{2.5}
	Bawana, Delhi - DPCC	368	Very Poor	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	198	Moderate	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	186	Moderate	PM _{2.5}
Gurugram	Teri Gram, Gurugram - HSPCB	245	Poor	PM _{2.5}
	Sector-51, Gurugram - HSPCB	242	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	340	Very Poor	PM _{2.5}
	Sanjay Nagar, Ghaziabad - UPPCB	311	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	233	Poor	PM ₁₀
Noida	Sector-116, Noida - UPPCB	275	Poor	PM _{2.5}
	Sector-1, Noida - UPPCB	274	Poor	PM _{2.5}