



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 19, 2024



Current Air Quality Status:

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

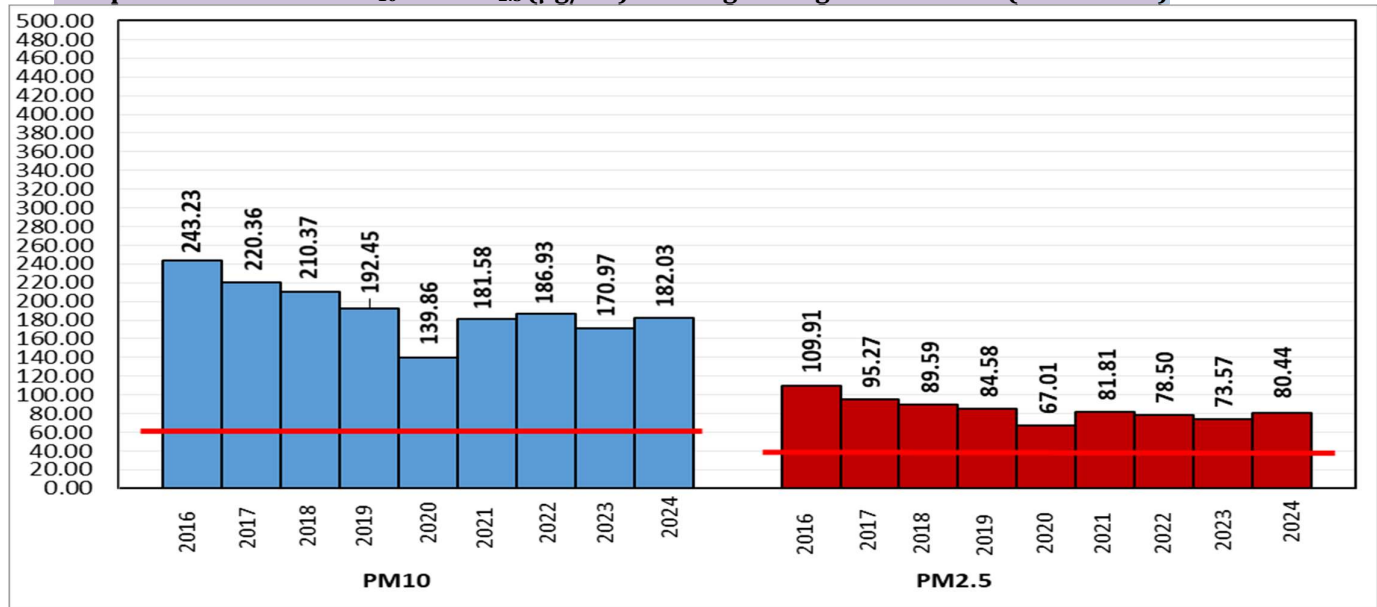
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	278↓	PM ₁₀	Moderate	121↓	PM _{2.5} , PM ₁₀	Poor	228↓	PM ₁₀ , PM _{2.5}
Faridabad	Moderate	192↓	PM ₁₀ , PM _{2.5}	Moderate	138↓	PM _{2.5}	Very Poor	304↑	PM ₁₀ , O ₃
Ghaziabad	Poor	253↓	PM _{2.5}	Moderate	119↑	PM ₁₀ , O ₃	Poor	276↑	PM ₁₀
Greater Noida	Moderate	154↓	PM ₁₀ , PM _{2.5}	Moderate	166↑	PM ₁₀	Poor	237↑	PM ₁₀
Gurugram	Moderate	176↓	PM _{2.5}	Moderate	144↓	PM ₁₀ , PM _{2.5}	Moderate	186↓	PM _{2.5} , PM ₁₀
Noida	Poor	229↓	PM ₁₀ , PM _{2.5}	Moderate	136↑	O ₃ , PM ₁₀	Poor	269↑	PM ₁₀ , PM _{2.5}

*Data available for 36(2024), 34(2023), 29(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 19 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	281	292	292	292	293	292	292	292	293										
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	191	160	205	201	
Moderate (101-200)		87	102	104	115	124	119	92	144	135										
Poor (201-300)		108	103	99	81	51	61	110	63	56										
Very Poor (301-400)		56	40	30	30	16	34	21	21	33	171	143	135	118	69	101	132	87	92	
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 18 (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 18.10.24 to 06:00 am of 19.10.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
18- Oct -2024	131↓	315↓

Hotspots for Today: *Details given below

Delhi	Anand Vihar, Mundka, Wazirpur, Bawana, Jahangirpuri	Ghaziabad	Loni
Faridabad	Sector 11, New Industrial Town	Greater Noida	Knowledge Park – V
Gurugram	Vikas Sadan, Teri Gram	Noida	Sector - 116

Forecast by IITM(Delhi):

	Oct 20, 2024	Oct 21, 2024	Oct 22, 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 20, 2024	12 TO 14	03	07	SE	NW
Oct 21, 2024	08 TO 12	05	08	SE	NW
Oct 22, 2024	08 TO 10	06	09	SE	N

IMD Alert for Tomorrow (20.10.2024):

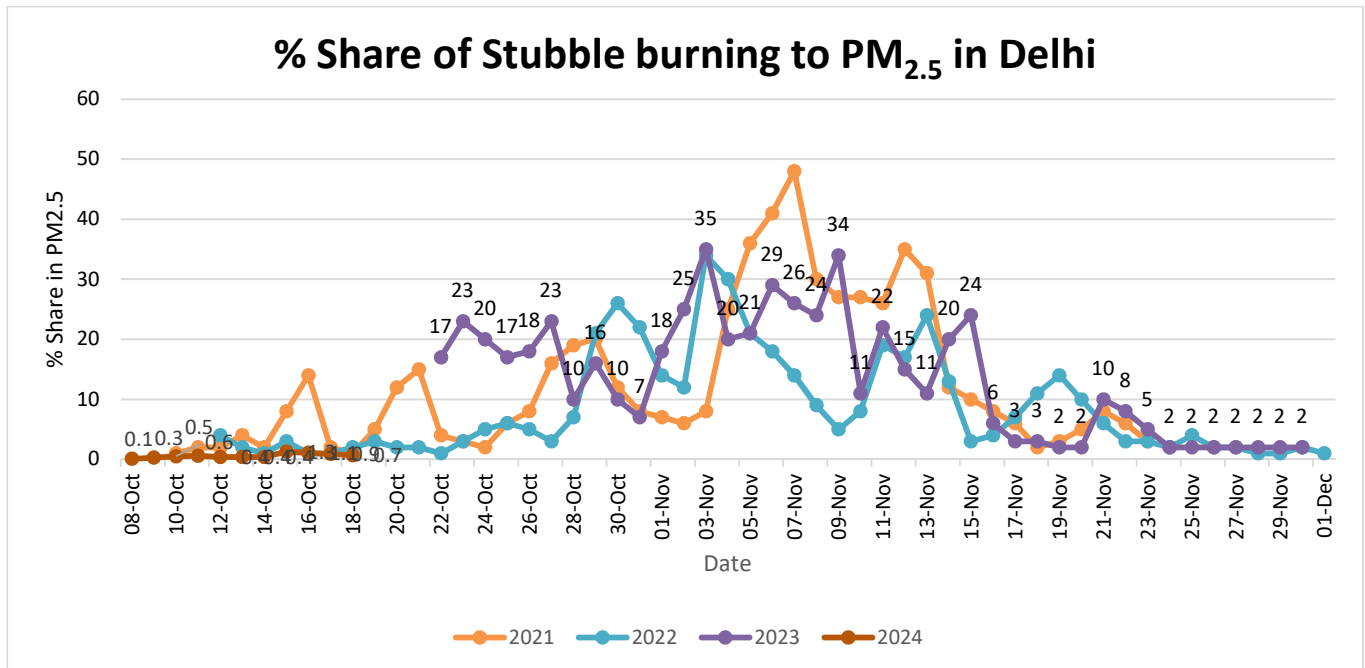
The air quality is likely to be in Very Poor category from 20.10.2024 to 22.10.2024. The predominant surface wind is likely to be coming from Southeast directions in Delhi with wind speed 12-14 kmph and mainly clear sky on 20.10.2024. Ventilation index is likely to be 3000 m²/s.

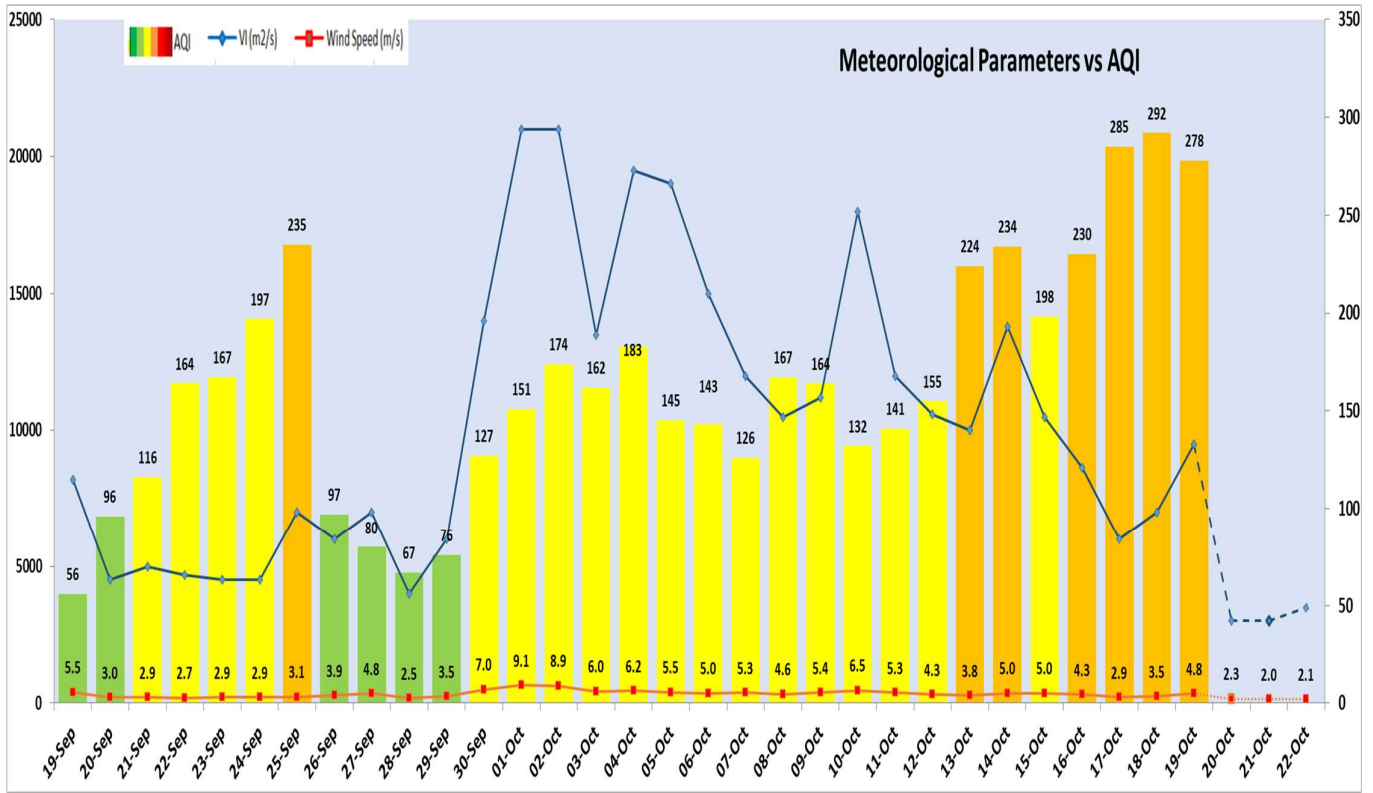
Active Fire Events (AFEs):

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
18.10.2024	59	1348	26	627
18.10.2023	18	1407	08	554
18.10.2022	342	2189	134	464

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

18.10.2024 *As per IITM, the impact of stubble burning is ~ 0.7 %





Delhi Temperature in (°C)

Date	Minimum	Maximum
16-10-2024	19.0	34.2
17-10-2024	20.3	35.4
18-10-2024	19.5	36.2
19-10-2024	20.2	36.2

*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	450	Severe	PM ₁₀
	Mundka, Delhi - DPCC	364	Very Poor	PM ₁₀
	Wazirpur, Delhi - DPCC	349	Very Poor	PM ₁₀
	Bawana, Delhi - DPCC	345	Very Poor	PM ₁₀
	Jahangirpuri, Delhi - DPCC	337	Very Poor	PM ₁₀
Faridabad	Sector 11, Faridabad - HSPCB	240	Poor	PM _{2.5}
	New Industrial Town, Faridabad - HSPCB	239	Poor	PM ₁₀
Gurugram	Vikas Sadan, Gurugram - HSPCB	199	Moderate	PM _{2.5}
	Teri Gram, Gurugram - HSPCB	177	Moderate	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	314	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	200	Moderate	PM ₁₀
Noida	Sector-116, Noida - UPPCB	255	Poor	PM _{2.5}