



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 14, 2024



Current Air Quality Status:

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

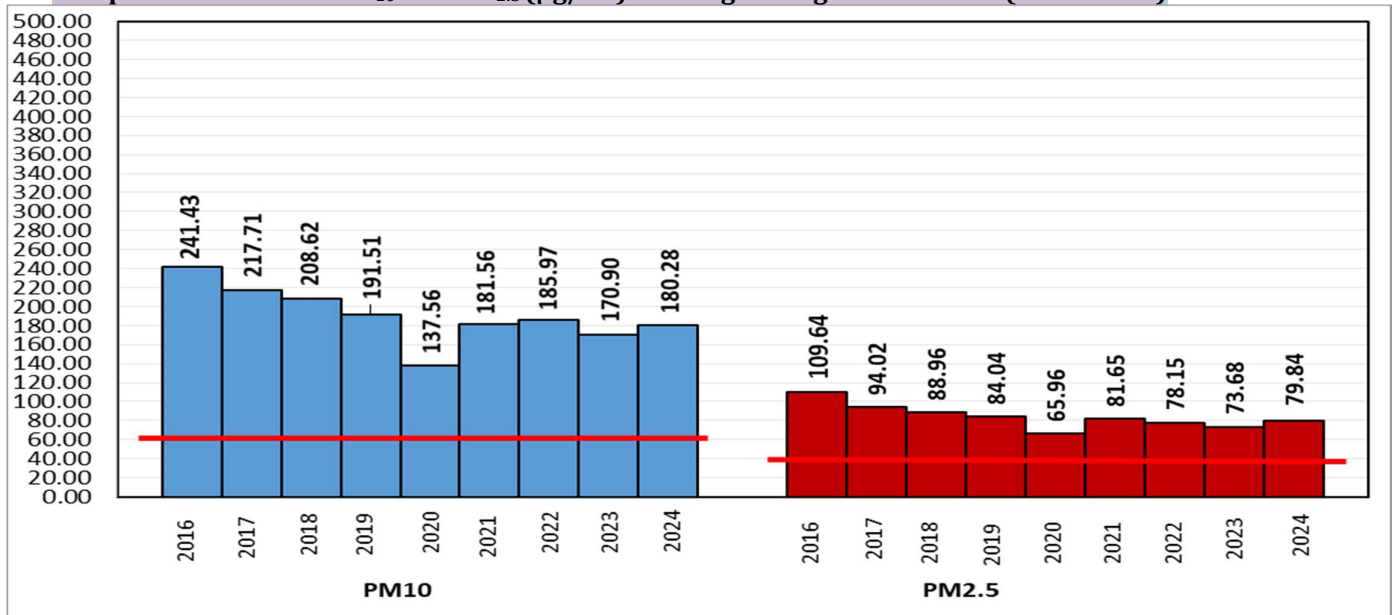
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	234↑	PM ₁₀ , PM _{2.5}	Poor	257↑	PM ₁₀ , NO ₂	Moderate	154↑	PM ₁₀ , PM _{2.5} , O ₃
Faridabad	Moderate	180↑	PM ₁₀ , CO, PM _{2.5}	Poor	267↑	PM _{2.5}	Moderate	163↑	PM ₁₀ , PM _{2.5}
Ghaziabad	Poor	271↑	PM _{2.5}	Poor	208↓	PM _{2.5} , PM ₁₀	Moderate	163↑	PM ₁₀ , PM _{2.5}
Greater Noida	Poor	274↑	PM ₁₀ , PM _{2.5}	Poor	264↓	PM ₁₀ , PM _{2.5}	Moderate	158↓	PM ₁₀
Gurugram	Moderate	108↓	PM _{2.5}	Moderate	156↓	PM _{2.5}	Moderate	169↑	PM ₁₀ , PM _{2.5} , O ₃
Noida	Poor	268↑	PM ₁₀ , PM _{2.5}	Poor	209↓	PM _{2.5} , PM ₁₀	Moderate	147↑	PM ₁₀ , PM _{2.5}

*Data available for 34(2024), 30(2023), 34(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 14 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	276	287	287	287	288	287	287	287	288										
Good (0-50)		0	2	0	2	5	0	3	1	0										
Satisfactory (51-100)		23	45	53	57	95	70	65	59	66	110	149	156	174	224	188	159	202	200	
Moderate (101-200)		87	102	103	115	124	118	91	142	134										
Poor (201-300)		103	99	95	77	47	59	106	61	52										
Very Poor (301-400)		56	39	30	29	15	34	21	21	33	166	138	131	113	64	99	128	85	88	
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 13 (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 13.10.24 to 06:00 am of 14.10.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
13- Oct -2024	101↑	234↑

Hotspots for Today: *Details given below

Delhi	Anand Vihar, Patparganj, Wazirpur, Vivek Vihar, Dwarka-Sector 8	Ghaziabad	Loni
Faridabad	Sector 11, New Industrial Town	Greater Noida	Knowledge Park - V
Gurugram	Teri Gram	Noida	Sector-116, Sector - 125

Forecast by IITM(Delhi):

	Oct 15, 2024	Oct 16, 2024	Oct 17, 2024
AQI Category	Poor	Poor	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 15, 2024	04-12	09	28	VAR	NW
Oct 16, 2024	08-16	04	13	VAR	W
Oct 17, 2024	08-12	05	14	E/SE	W

IMD Alert for Tomorrow (15.10.2024):

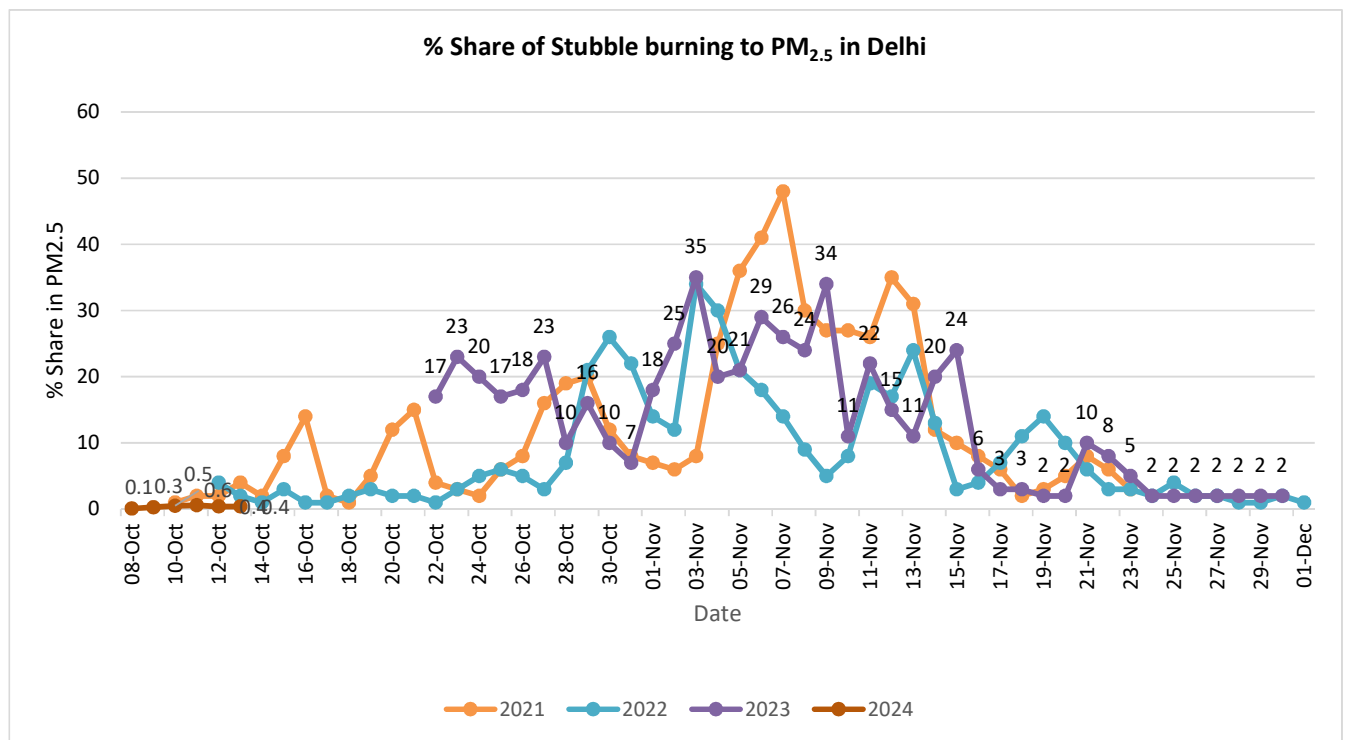
The air quality is likely to remain in Poor category from 15.10.2024 to 17.10.2024. The predominant surface wind is likely to be coming from West/North directions in Delhi with wind speed 04-12 kmph and mainly clear sky on 15.10.2024. Ventilation index is likely to be 10800 m²/s.

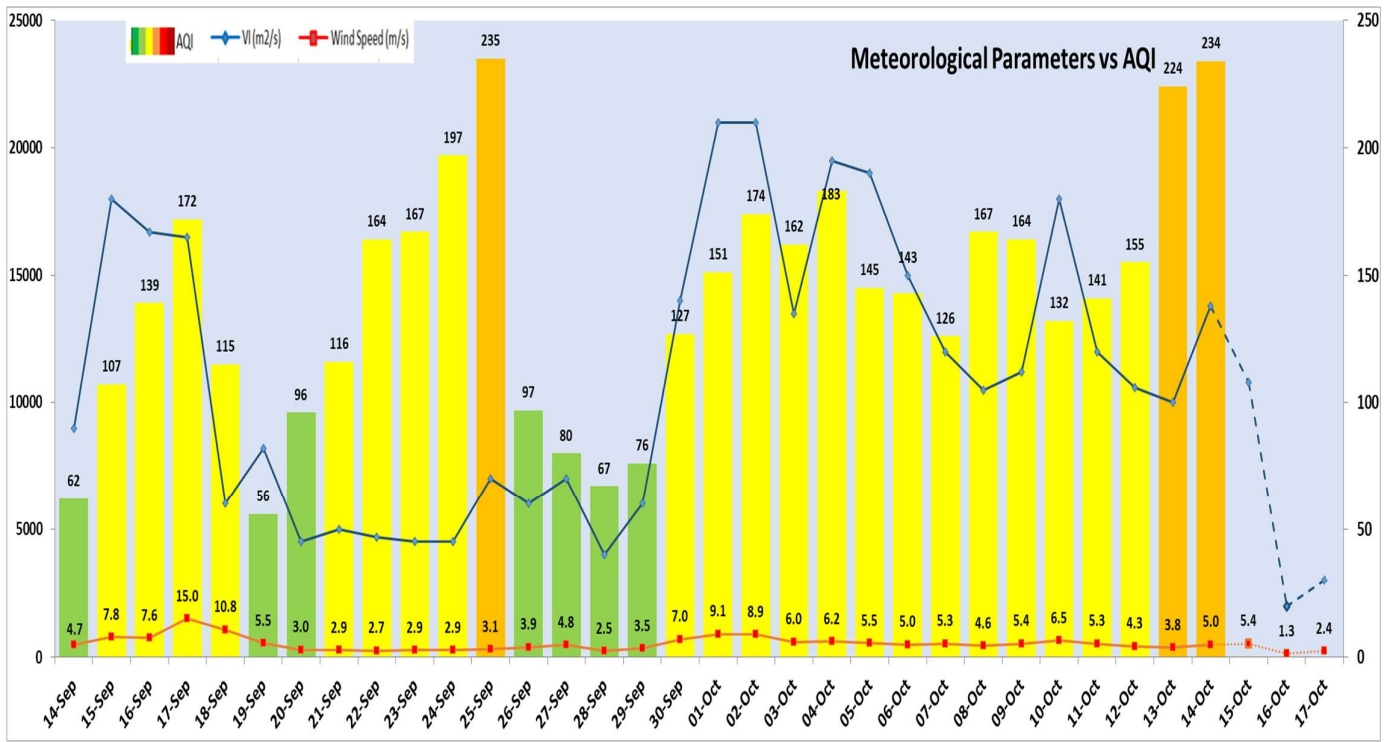
Active Fire Events (AFEs):

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
13.10.2024	162	872	90	468
13.10.2023	154	1230	29	374
13.10.2022	120	987	15	102

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

*As per IITM, the impact of stubble burning is ~ 0.4%





Delhi Temperature in (°C)

Date	Minimum	Maximum
11-10-2024	20.3	34.5
12-10-2024	18.6	33.6
13-10-2024	18.6	34.4
14-10-2024	18.6	35.1

*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	313	Very Poor	PM _{2.5}
	Patparganj, Delhi - DPCC	301	Very Poor	PM ₁₀
	Wazirpur, Delhi - DPCC	295	Poor	PM ₁₀
	Vivek Vihar, Delhi - DPCC	292	Poor	PM _{2.5}
	Dwarka-Sector 8, Delhi - DPCC	291	Poor	PM ₁₀
Faridabad	Sector 11, Faridabad - HSPCB	269	Poor	PM _{2.5}
	New Industrial Town, Faridabad - HSPCB	210	Poor	PM ₁₀
Gurugram	Teri Gram, Gurugram - HSPCB	110	Moderate	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	335	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	313	Very Poor	PM _{2.5}
Noida	Sector-116, Noida - UPPCB	320	Very Poor	PM ₁₀
	Sector - 125, Noida - UPPCB	283	Poor	PM _{2.5}