



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 12, 2024



Current Air Quality Status:

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

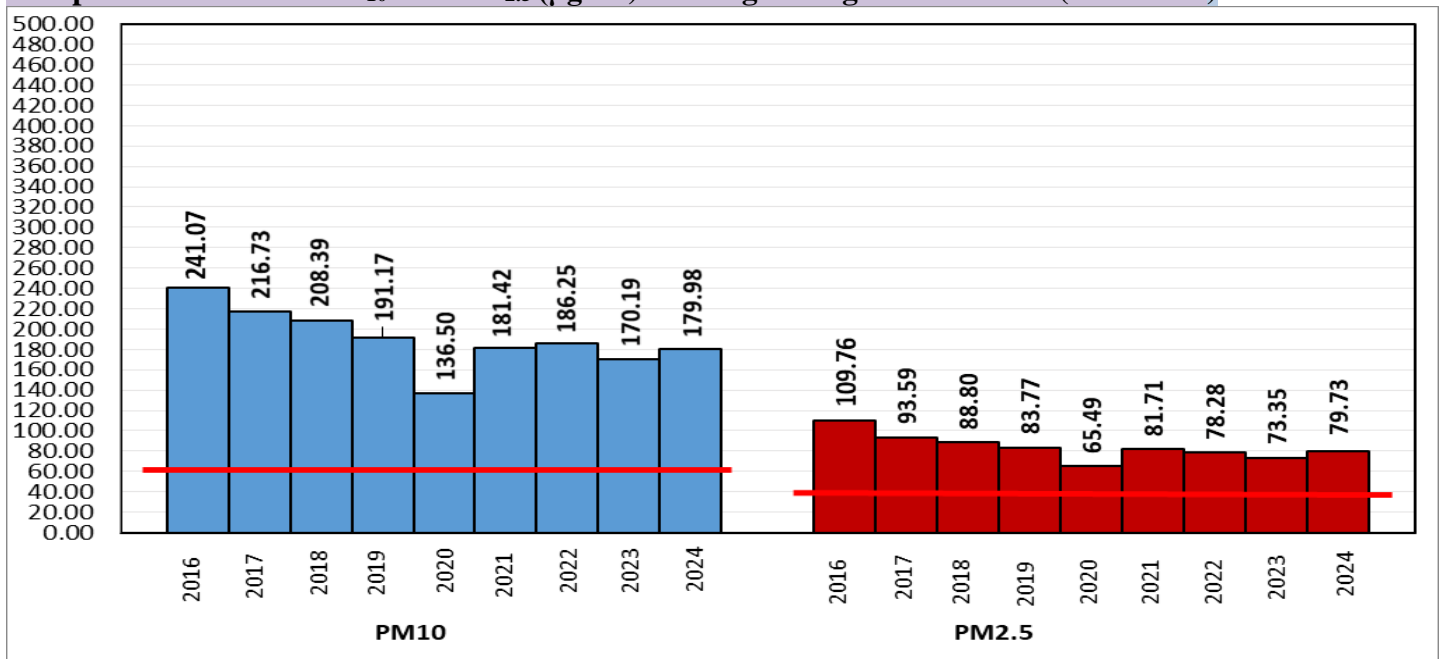
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	155↑	PM _{2.5} , PM ₁₀	Poor	220↑	PM _{2.5} , PM ₁₀	Moderate	143↑	O ₃ , PM ₁₀ , PM _{2.5}
Faridabad	Moderate	109↑	PM _{2.5} , PM ₁₀	Moderate	198↑	PM _{2.5}	Moderate	161↑	O ₃ , PM ₁₀
Ghaziabad	Moderate	177↑	PM _{2.5} , PM ₁₀	Moderate	192↑	PM _{2.5} , PM ₁₀	Moderate	167↑	O ₃ , PM ₁₀ , PM _{2.5}
Greater Noida	Moderate	150↑	PM _{2.5} , PM ₁₀	Poor	223↓	PM ₁₀ , PM _{2.5}	Moderate	180↑	O ₃ , PM ₁₀
Gurugram	Moderate	120↑	PM _{2.5}	Moderate	140↓	PM _{2.5}	Moderate	120↑	PM ₁₀ , PM _{2.5} , CO
Noida	Moderate	136↑	PM ₁₀	Moderate	178↑	PM _{2.5} , PM ₁₀	Moderate	188↑	O ₃ , PM ₁₀

*Data available for 35(2024), 32(2023), 31(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 12 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	274	285	285	285	286	285	285	285	286	109	149	156	174	224	186	157	202	200	
Good (0–50)		0	2	0	2	5	0	3	1	0										
Satisfactory (51–100)		23	45	53	57	95	70	65	59	66										
Moderate (101–200)		86	102	103	115	124	116	89	142	134										
Poor (201–300)		102	97	93	75	45	59	106	59	50										
Very Poor (301–400)		56	39	30	29	15	34	21	21	33	165	136	129	111	62	99	128	83	86	
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 11 (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 11.10.24 to 06:00 am of 12.10.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
11- Oct -2024	63↑	165↑

Hotspots for Today: *Details given below

Delhi	Anand Vihar, Mundka, Bawana, Jahangirpuri, Nehru Nagar	Ghaziabad	Loni
Faridabad	Sector 11, New Industrial Town	Greater Noida	Knowledge Park - III
Gurugram	Sector-51	Noida	Sector-1, Sector-116

Forecast by IITM(Delhi):

	Oct 13, 2024	Oct 14, 2024	Oct 15, 2024
AQI Category	Moderate	Moderate	Moderate

Wind Forecast for Delhi:

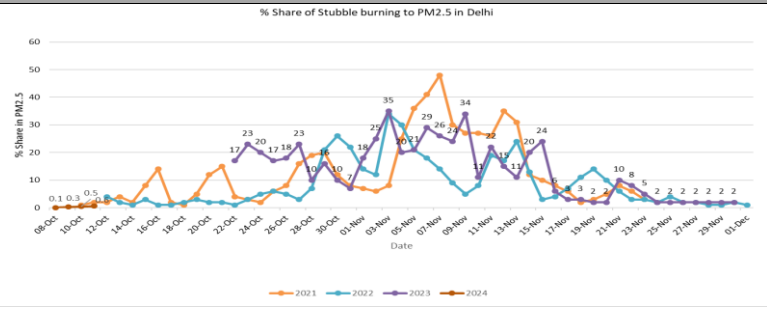
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Oct 13, 2024	04 TO 10	02	08	VAR	NW
Oct 14, 2024	04 TO 10	08	22	VAR	NW
Oct 15, 2024	04 TO 12	07	26	NE	NW

IMD Alert for Tomorrow (13.10.2024):

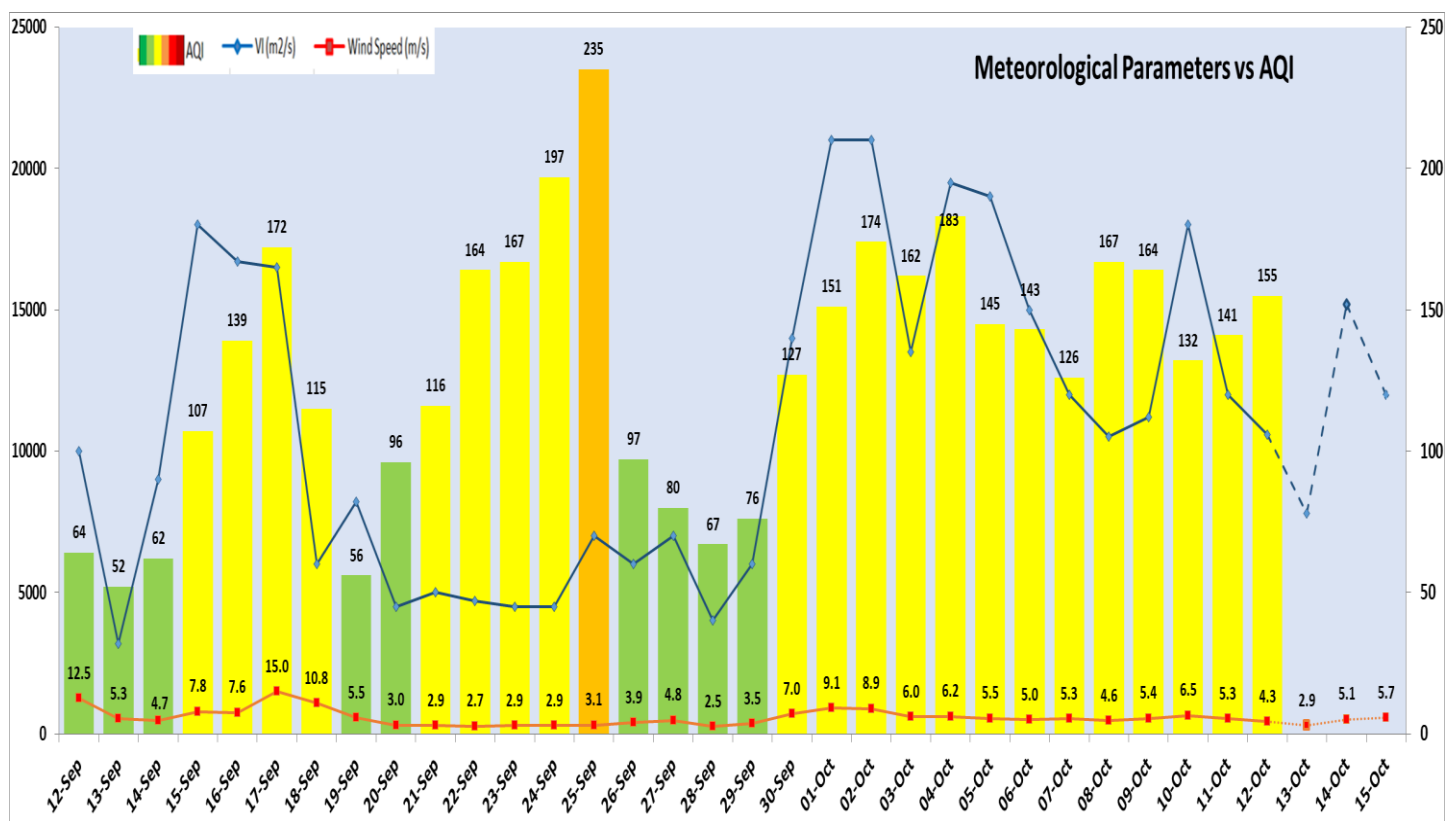
The air quality is likely to be in Moderate category from 13.10.2024 to 15.10.2024. The predominant surface wind is likely to be coming from variable directions in Delhi with wind speed 04-10 kmph and partly cloudy sky on 13.10.2024. Ventilation index is likely to be 7800 m²/s.

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
11.10.2024	143	533	55	280
11.10.2023	26	1063	21	340
11.10.2022	45	763	00	83



*As per IITM, the impact of stubble burning is ~ 0.6%



Delhi Temperature in (°C)		
Date	Minimum	Maximum
09-10-2024	22.8	35.7
10-10-2024	23.1	34.6
11-10-2024	20.3	34.5
12-10-2024	18.6	33.6

▪ ***Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	376	Very Poor	PM ₁₀
	Mundka, Delhi - DPCC	218	Poor	PM ₁₀
	Bawana, Delhi - DPCC	196	Moderate	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	187	Moderate	PM ₁₀
	Nehru Nagar, Delhi - DPCC	183	Moderate	Ozone
Faridabad	Sector 11, Faridabad - HSPCB	146	Moderate	PM ₁₀
	New Industrial Town, Faridabad - HSPCB	121	Moderate	PM ₁₀
Gurugram	Sector-51, Gurugram - HSPCB	171	Moderate	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	242	Poor	PM _{2.5}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	152	Moderate	PM ₁₀
Noida	Sector-1, Noida - UPPCB	148	Moderate	PM ₁₀
	Sector-116, Noida - UPPCB	141	Moderate	PM ₁₀