



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 11, 2024



Current Air Quality Status:

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

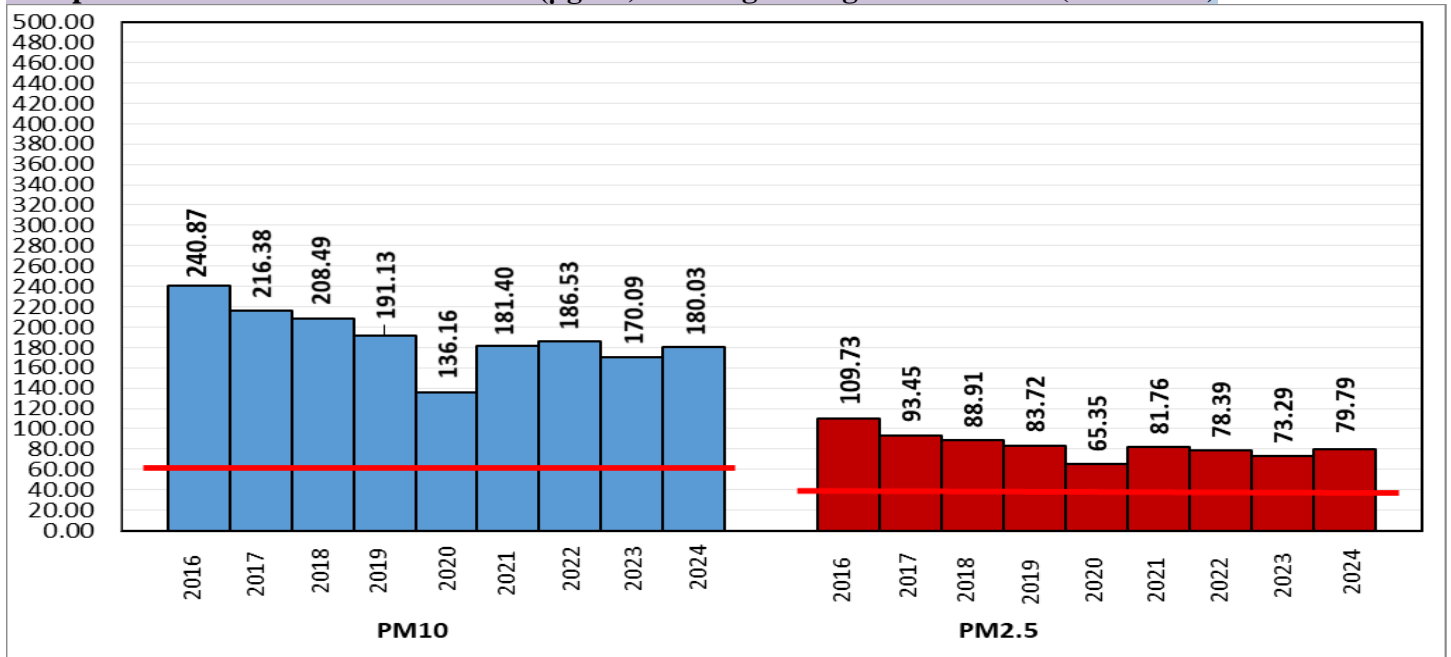
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	141↑	PM ₁₀	Moderate	193↑	PM _{2.5} , PM ₁₀	Satisfactory	66↑	O ₃ , CO, PM _{2.5}
Faridabad	Satisfactory	84↓	PM ₁₀ , PM _{2.5}	Moderate	194↓	PM _{2.5}	Good	49↑	O ₃ , CO, PM ₁₀
Ghaziabad	Moderate	159↑	PM ₁₀ , PM _{2.5}	Moderate	168↑	PM _{2.5} , PM ₁₀	Good	40↑	NO ₂ , PM ₁₀ , PM _{2.5}
Greater Noida	Moderate	139↑	PM ₁₀ , PM _{2.5}	Poor	231↓	PM ₁₀	Good	41↑	PM ₁₀
Gurugram	Satisfactory	99↓	PM _{2.5}	Moderate	147↑	PM _{2.5}	Satisfactory	58↑	PM ₁₀ , PM _{2.5}
Noida	Moderate	128↑	PM ₁₀	Moderate	149↓	PM _{2.5} , PM ₁₀	Satisfactory	60↑	O ₃ , CO

*Data available for 37(2024), 35(2023), 32(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 11 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	273	284	284	284	285	284	284	284	285										
Good (0–50)		0	2	0	2	5	0	3	1	0										
Satisfactory (51–100)		23	45	53	57	95	70	65	59	66	109	149	156	173	224	185	156	202	199	
Moderate (101–200)		86	102	103	114	124	115	88	142	133										
Poor (201–300)		101	96	92	75	44	59	106	58	50										
Very Poor (301–400)		56	39	30	29	15	34	21	21	33	164	135	128	111	61	99	128	82	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 10 (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 10.10.24 to 06:00 am of 11.10.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
10- Oct -2024	56↓	153↑

Hotspots for Today:

**Details given below*

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

Forecast by IITM(Delhi):

	Oct 12, 2024	Oct 13, 2024	Oct 14, 2024
AQI Category	Moderate	Moderate	Moderate

Wind Forecast for Delhi:

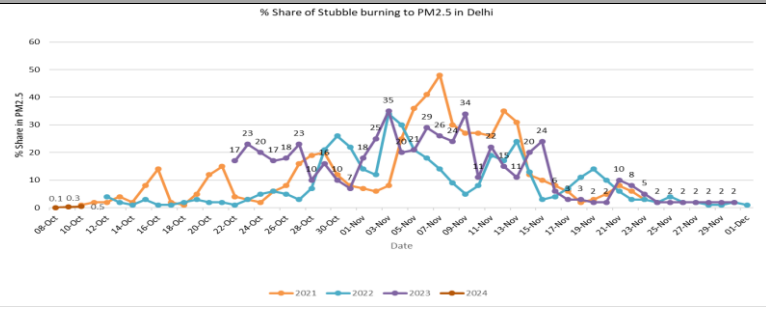
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Oct 12, 2024	06-12	05	11	NW/NE	W
Oct 13, 2024	06-08	07	07	N	W
Oct 14, 2024	04-08	07	18	VAR	NW

IMD Alert for Tomorrow (12.10.2024):

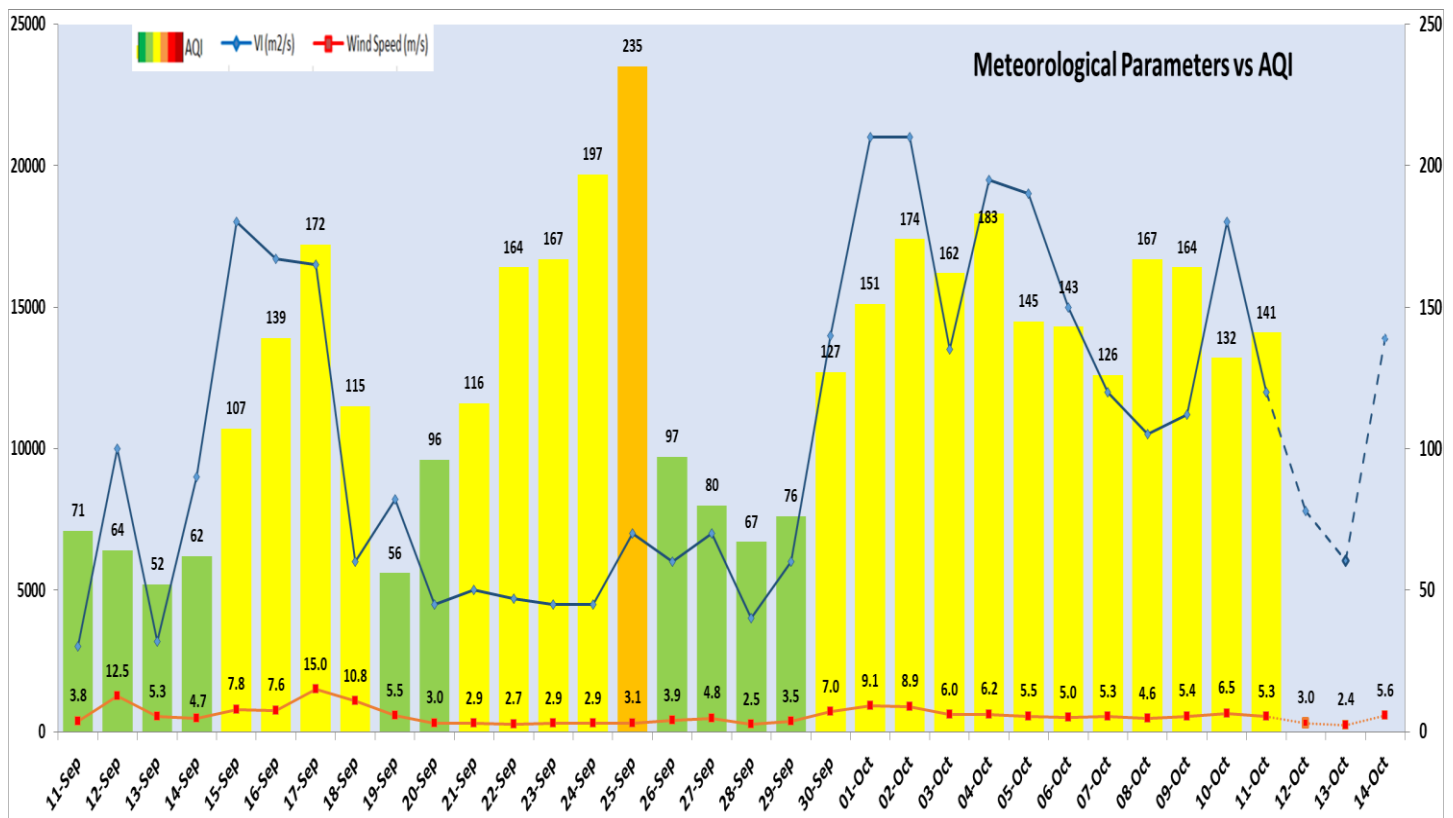
The air quality is likely to be in Moderate category from 12.10.2024 to 14.10.2024. The predominant surface wind is likely to be coming from Northwest/Northeast directions in Delhi with wind speed 06-12 kmph and partly cloudy sky on 12.10.2024. Ventilation index is likely to be 7800 m²/s.

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
10.10.2024	123	390	38	225
10.10.2023	10	1037	28	319
10.10.2022	04	718	02	83



*As per IITM, the impact of stubble burning is ~ 0.5%



Delhi Temperature in (°C)		
Date	Minimum	Maximum
08-10-2024	23.0	35.4
09-10-2024	22.8	35.7
10-10-2024	23.1	34.6
11-10-2024	20.3	34.5

▪ ***Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	330	Very Poor	PM ₁₀
	Mundka, Delhi - DPCC	203	Poor	PM ₁₀
	Jahangirpuri, Delhi - DPCC	185	Moderate	PM ₁₀
	Pusa, Delhi - DPCC	175	Moderate	CO
	Bawana, Delhi - DPCC	166	Moderate	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	123	Moderate	PM ₁₀
	New Industrial Town, Faridabad - HSPCB	109	Moderate	PM ₁₀
Gurugram	Sector-51, Gurugram - HSPCB	123	Moderate	PM _{2.5}
	Teri Gram, Gurugram - HSPCB	110	Moderate	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	218	Poor	PM _{2.5}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	146	Moderate	PM ₁₀
Noida	Sector-1, Noida - UPPCB	140	Moderate	PM ₁₀
	Sector-116, Noida - UPPCB	133	Moderate	PM ₁₀