



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 10, 2024



Current Air Quality Status:

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

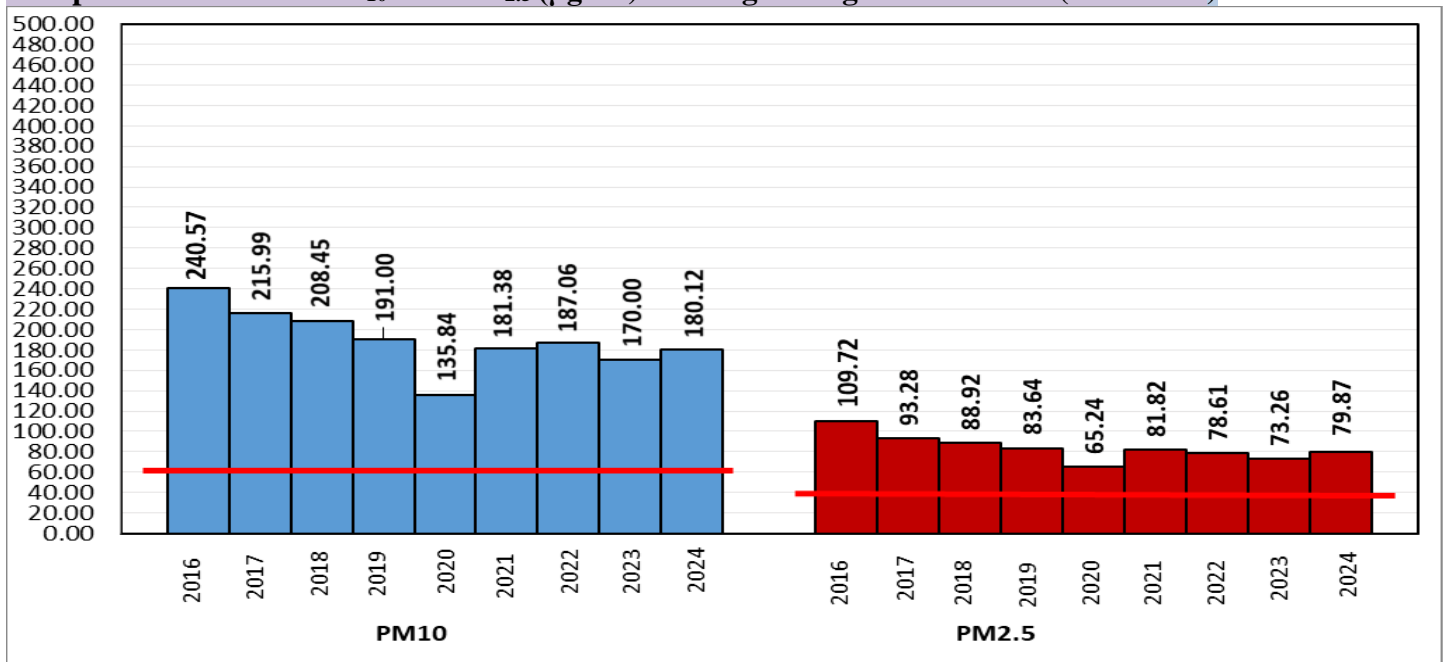
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	132↓	PM ₁₀	Moderate	180↑	PM _{2.5}	Good	44↓	CO, PM _{2.5}
Faridabad	Satisfactory	96↑	PM _{2.5} , PM ₁₀	Poor	227↑	PM _{2.5}	Good	31↓	CO, NO ₂
Ghaziabad	Moderate	152↓	PM _{2.5} , PM ₁₀	Moderate	166↑	PM ₁₀	Good	19↑	NO ₂ , O ₃
Greater Noida	Moderate	136↓	PM ₁₀	Poor	240↑	PM ₁₀	Good	26↑	CO, NO ₂
Gurugram	Moderate	110↓	PM _{2.5}	Moderate	104↑	PM _{2.5} , PM ₁₀	Good	29↓	NO ₂ , O ₃ , PM _{2.5}
Noida	Moderate	120↓	PM ₁₀	Moderate	151↑	PM _{2.5} , PM ₁₀	Good	49↓	CO, SO ₂

*Data available for 36(2024), 12(2023), 28(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 10 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	272	283	283	283	284	283	283	283	284	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Good (0–50)		0	2	0	2	5	0	3	1	0										
Satisfactory (51–100)		23	45	53	57	95	70	64	59	66	109	148	156	172	224	184	155	201	198	
Moderate (101–200)		86	101	103	113	124	114	88	141	132										
Poor (201–300)		100	96	91	75	43	59	106	58	50										
Very Poor (301–400)		56	39	30	29	15	34	21	21	33	163	135	127	111	60	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 09 (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 09.10.24 to 06:00 am of 10.10.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
09- Oct -2024	61↓	147↓

Hotspots for Today: *Details given below

Delhi	Anand Vihar, Jahangirpuri, Mundka, Dwarka-Sector 8, IHBAS, Dilshad Garden	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 11, 2024	Oct 12, 2024	Oct 13, 2024
AQI Category	Moderate	Moderate	Moderate

Wind Forecast for Delhi:

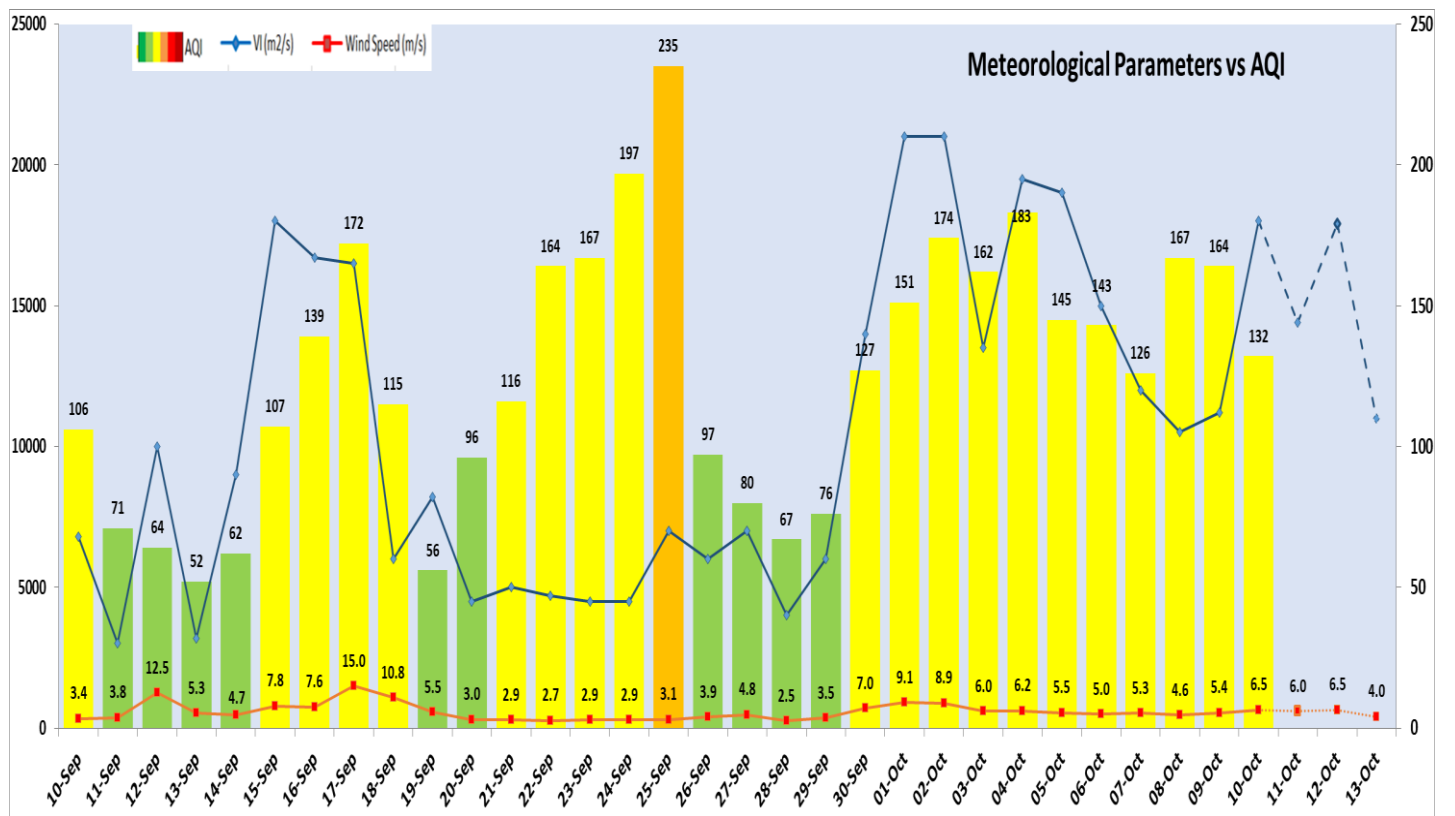
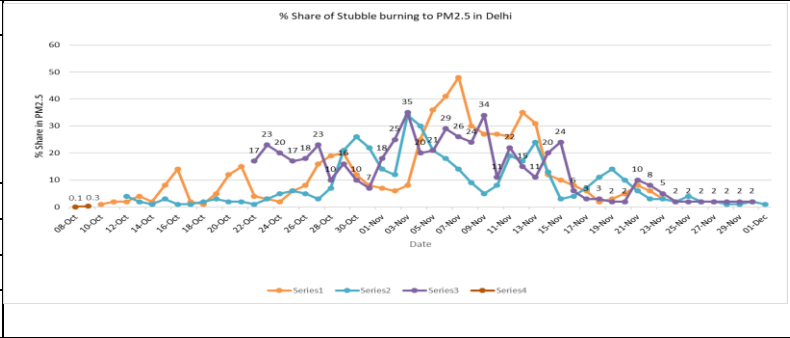
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Oct 11, 2024	06-16	07	21	NW	NW
Oct 12, 2024	06-16	06	15	NW/NE	W
Oct 13, 2024	04-12	05	07	VAR	W

IMD Alert for Tomorrow (11.10.2024):

The air quality is likely to be in Moderate category from 11.10.2024 to 13.10.2024. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 06-16 kmph and mainly clear sky on 11.10.2024. Ventilation index is likely to be 14400 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
09.10.2024	33	267	10	187
09.10.2023	58	1027	14	291
09.10.2022	03	714	01	81



Delhi Temperature in (°C)		
Date	Minimum	Maximum
07-10-2024	23.2	35.7
08-10-2024	23.0	35.4
09-10-2024	22.8	35.7
10-10-2024	23.1	34.6

▪ ***Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	314	Very Poor	PM ₁₀
	Jahangirpuri, Delhi - DPCC	178	Moderate	PM ₁₀
	Mundka, Delhi - DPCC	174	Moderate	PM ₁₀
	Dwarka-Sector 8, Delhi - DPCC	161	Moderate	PM ₁₀
	IHBAS, Dilshad Garden, Delhi - CPCB	152	Moderate	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	127	Moderate	PM ₁₀
	New Industrial Town, Faridabad - HSPCB	103	Moderate	PM ₁₀
Gurugram	Sector-51, Gurugram - HSPCB	163	Moderate	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	196	Moderate	PM _{2.5}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	149	Moderate	PM ₁₀
Noida	Sector-1, Noida - UPPCB	134	Moderate	PM ₁₀
	Sector-116, Noida - UPPCB	126	Moderate	PM ₁₀