



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 09, 2024



Current Air Quality Status:

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

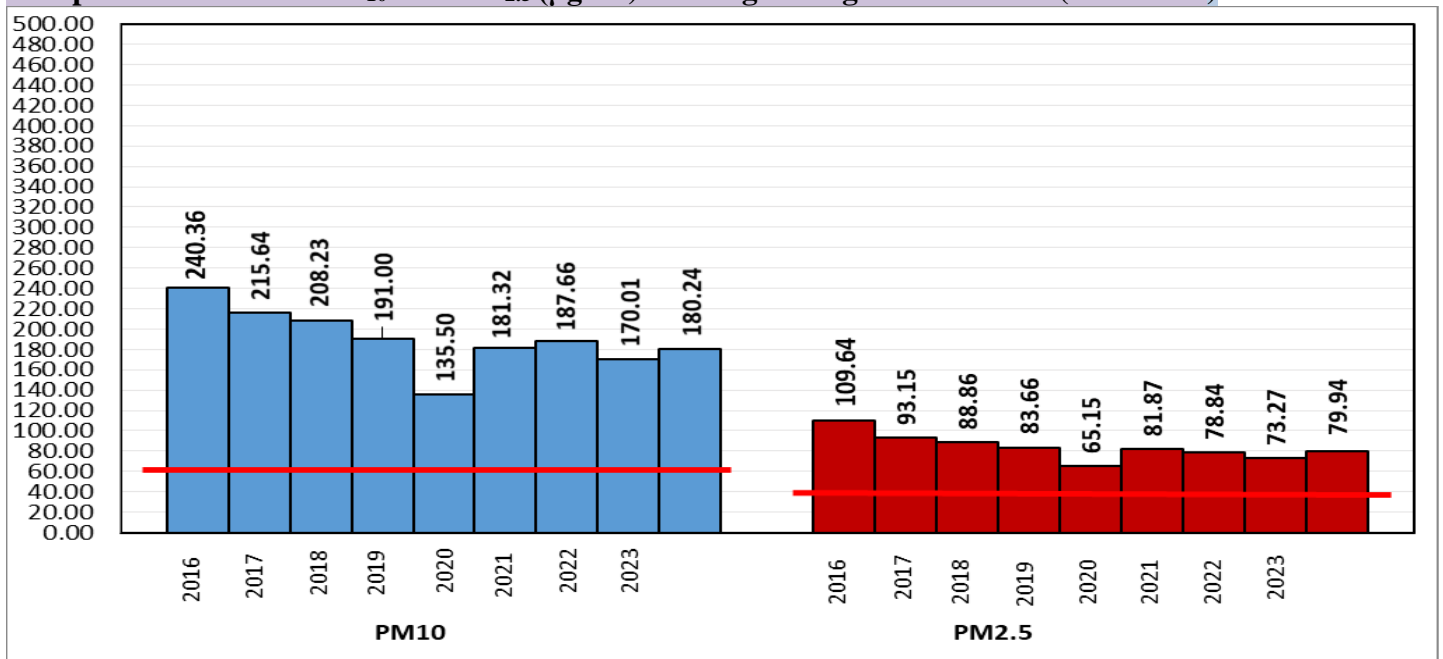
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	164↓	PM ₁₀ , PM _{2.5}	Moderate	175↑	PM _{2.5} , PM ₁₀	Good	48↓	CO
Faridabad	Satisfactory	87↓	PM ₁₀ , PM _{2.5}	Moderate	186↑	PM _{2.5}	Good	36↓	SO ₂ , NO ₂
Ghaziabad	Poor	214↓	PM _{2.5}	Moderate	152↓	PM ₁₀	Good	14↓	SO ₂ , PM _{2.5}
Greater Noida	Moderate	182↓	PM ₁₀ , PM _{2.5}	Poor	218↓	PM ₁₀	Good	23↓	CO
Gurugram	Moderate	136↓	PM _{2.5}	Satisfactory	97↓	PM ₁₀ , PM _{2.5}	Good	32↓	PM _{2.5}
Noida	Moderate	163↓	PM ₁₀ , PM _{2.5}	Moderate	146↓	PM ₁₀	Satisfactory	55↑	CO, SO ₂

*Data available for 37(2024), 32(2023), 20(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 09 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	271	282	282	282	283	282	282	282	283										
Good (0–50)		0	2	0	2	5	0	2	1	0										
Satisfactory (51–100)		23	45	53	56	95	70	64	59	66	108	148	156	171	224	183	154	200	197	
Moderate (101–200)		85	101	103	113	124	113	88	140	131										
Poor (201–300)		100	95	90	75	42	59	106	58	50										
Very Poor (301–400)		56	39	30	29	15	34	21	21	33	163	134	126	111	59	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 08 (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 08.10.24 to 06:00 am of 09.10.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
08- Oct -2024	75↑	188↑

Hotspots for Today: *Details given below

Delhi	Anand Vihar, Mundka, Jahangirpuri, Burari Crossing, Vivek Vihar	Ghaziabad	Loni
Faridabad	New Industrial Town, Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Sector-51	Noida	Sector-116, Sector - 125

Forecast by IITM(Delhi):

	Oct 10, 2024	Oct 11, 2024	Oct 12, 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 10, 2024	08-14	07	26	NW	NW
Oct 11, 2024	08-18	08	19	VAR	NW
Oct 12, 2024	04-14	03	12	VAR	NW

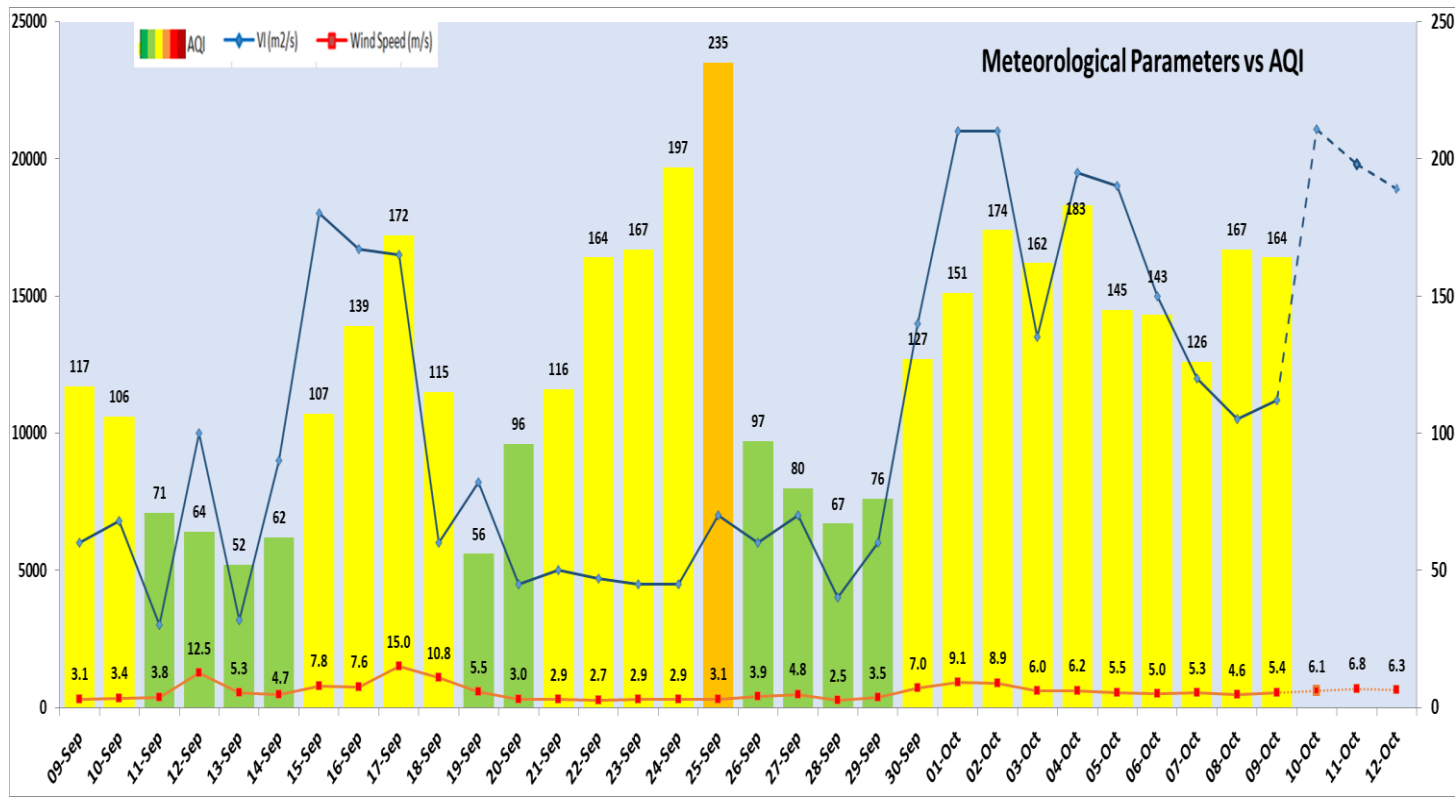
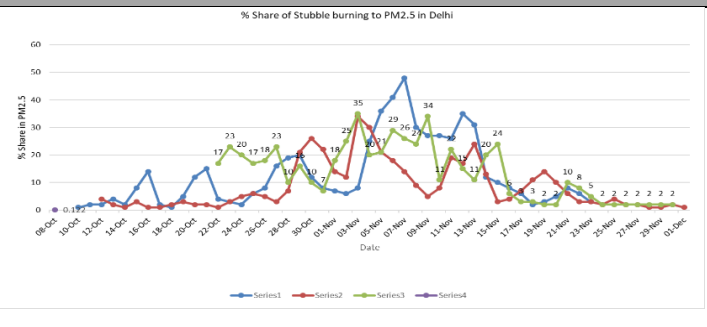
IMD Alert for Tomorrow (10.10.2024):

The air quality is likely to be in Moderate category from 10.10.2024 to 12.10.2024. The predominant surface wind is likely to be calm during morning hours and coming from Northwest directions in Delhi with wind speed 14-08 kmph during daytime & evening hours and mainly clear sky on 10.10.2024. Ventilation index is likely to be 21080 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
08.10.2024	20	234	13	177
08.10.2023	92	969	55	277
08.10.2022	19	711	00	80

*As per IITM, the impact of stubble burning is ~0.122%



Delhi Temperature in (°C)		
Date	Minimum	Maximum
06-10-2024	24.8	36.5
07-10-2024	23.2	35.7
08-10-2024	23.0	35.4
09-10-2024	22.8	35.7

▪ ***Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	371	Very Poor	PM ₁₀
	Mundka, Delhi - DPCC	216	Poor	PM ₁₀
	Jahangirpuri, Delhi - DPCC	212	Poor	PM _{2.5}
	Burari Crossing, Delhi - IMD	204	Poor	PM _{2.5}
	Vivek Vihar, Delhi - DPCC	198	Moderate	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	111	Moderate	PM ₁₀
	Sector 11, Faridabad - HSPCB	92	Satisfactory	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	165	Moderate	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	244	Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	183	Moderate	PM _{2.5}
Noida	Sector-116, Noida - UPPCB	166	Moderate	PM _{2.5}
	Sector - 125, Noida - UPPCB	163	Moderate	PM _{2.5}