



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 08, 2024



Current Air Quality Status:

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

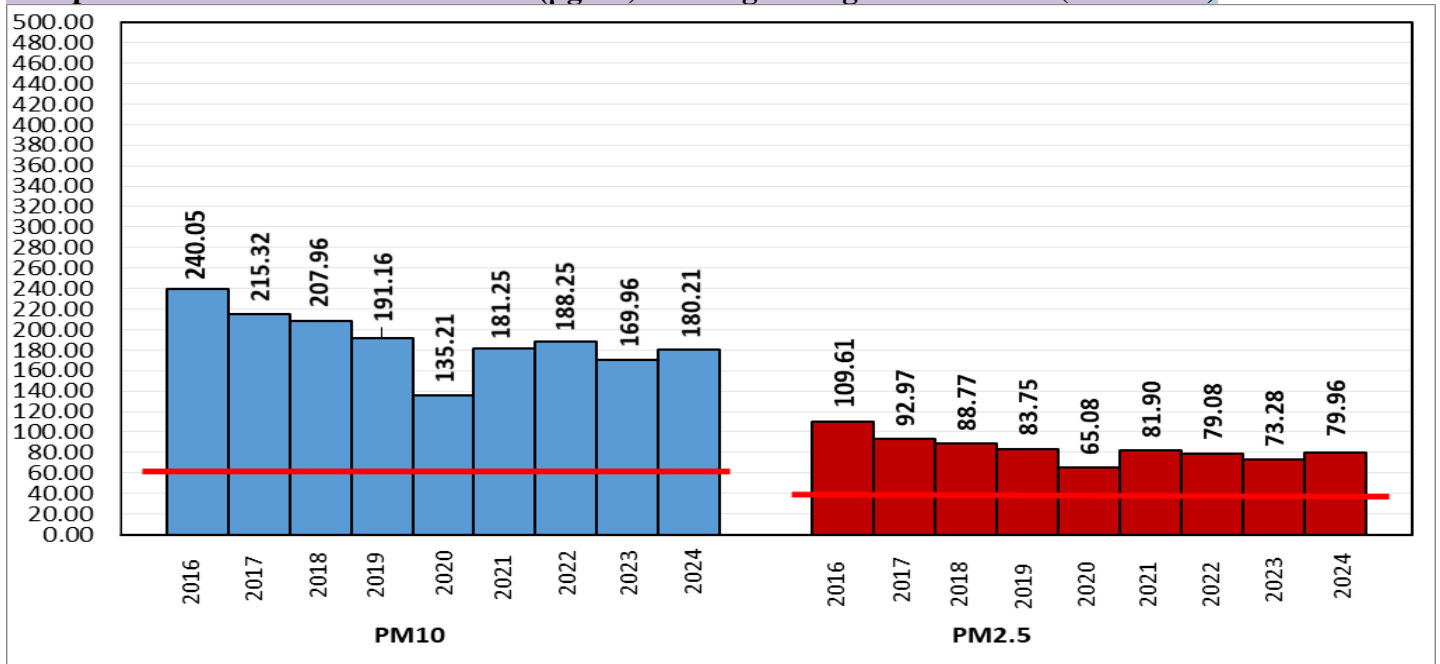
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	167↑	PM ₁₀	Moderate	164↓	PM _{2.5} , PM ₁₀	Satisfactory	56↑	PM _{2.5} , CO, O ₃
Faridabad	Satisfactory	88↑	PM _{2.5} , CO, PM ₁₀	Moderate	171↓	PM _{2.5}	Good	45↓	PM ₁₀ , O ₃
Ghaziabad	Poor	218↑	PM _{2.5}	Moderate	154↓	PM ₁₀	Good	26↓	O ₃ , PM ₁₀ , PM _{2.5}
Greater Noida	Moderate	200↑	PM _{2.5} , PM ₁₀	Poor	249↓	PM ₁₀	Good	43↓	CO
Gurugram	Moderate	147↑	PM _{2.5}	Moderate	171↓	PM _{2.5} , CO	Good	43↑	PM ₁₀ , PM _{2.5} , CO
Noida	Poor	217↑	PM _{2.5} , O ₃ , PM ₁₀	Moderate	147↓	PM ₁₀	Good	48↓	PM ₁₀ , CO, SO ₂

*Data available for 34(2024), 35(2023), 25(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 08 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	270	281	281	281	282	281	281	281	282	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Good (0–50)		0	2	0	2	5	0	1	1	0										
Satisfactory (51–100)		23	45	53	55	95	70	64	59	66	108	148	156	170	224	182	153	199	196	
Moderate (101–200)		85	101	103	113	124	112	88	139	130										
Poor (201–300)		99	94	89	75	41	59	106	58	50										
Very Poor (301–400)		56	39	30	29	15	34	21	21	33	162	133	125	111	58	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 07 (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 07.10.24 to 06:00 am of 08.10.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
07- Oct -2024	57↑	156↑

Hotspots for Today: *Details given below

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

Forecast by IITM(Delhi):

	Oct 09, 2024	Oct 10, 2024	Oct 11, 2024
AQI Category	Moderate	Moderate	Moderate

Wind Forecast for Delhi:

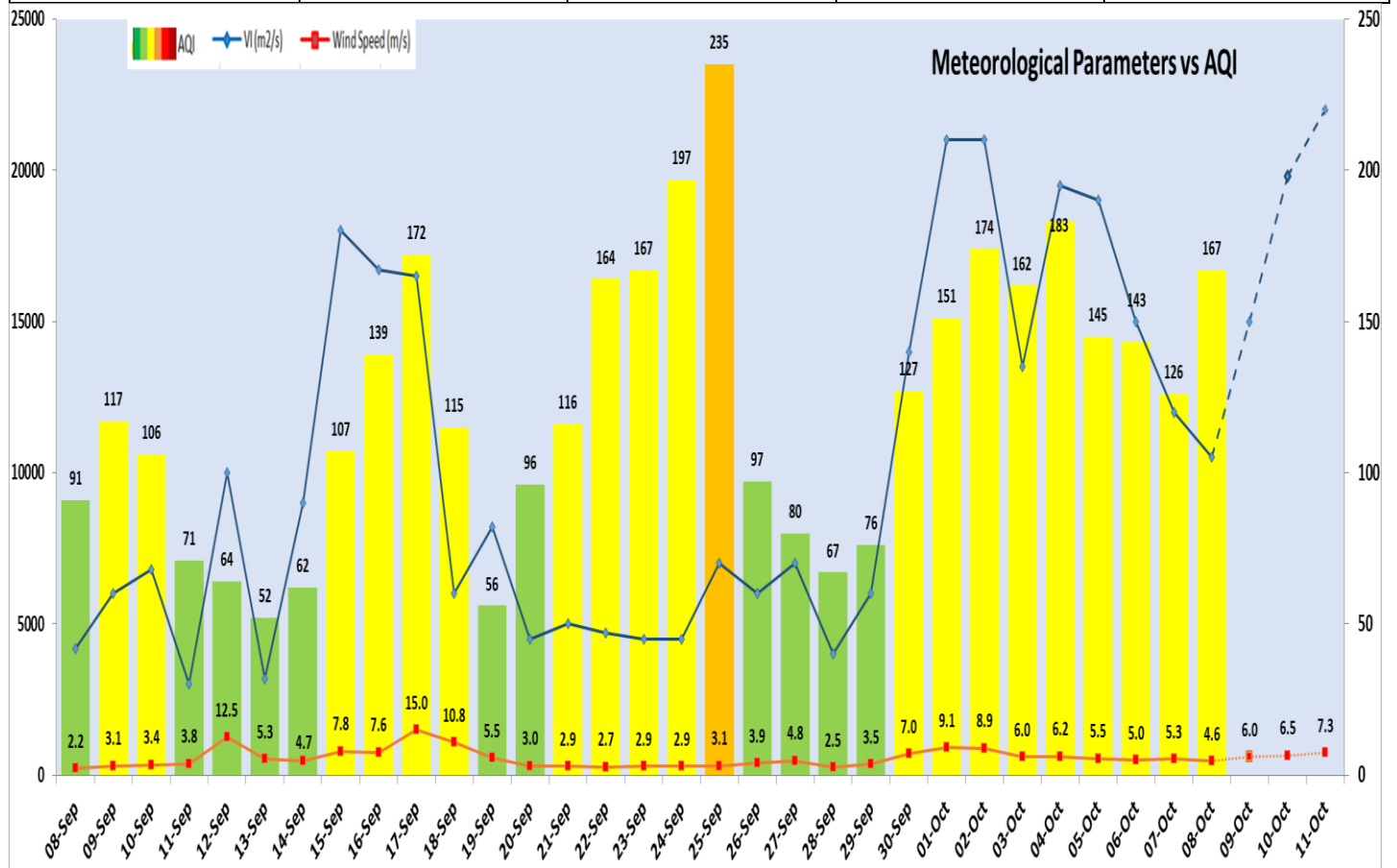
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Oct 09, 2024	06-12	07	23	SE/N	NW
Oct 10, 2024	06-16	07	21	SE/NW	NW
Oct 11, 2024	04-16	08	18	NW/NE	NW

IMD Alert for Tomorrow (09.10.2024):

The air quality is likely to be in Moderate category from 09.10.2024 to 11.10.2024. The predominant surface wind is likely to be coming from Southeast/North directions in Delhi with wind speed 06-12 kmph and partly cloudy sky on 09.10.2024. Ventilation index is likely to be 15000 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
07.10.2024	18	214	14	164
07.10.2023	32	877	13	222
07.10.2022	62	692	06	80



Delhi Temperature in (°C)		
Date	Minimum	Maximum
05-10-2024	26.2	36.5
06-10-2024	24.8	36.5
07-10-2024	23.2	35.7
08-10-2024	23.0	35.4

▪ ***Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	375	Very Poor	PM ₁₀
	Mundka, Delhi - DPCC	222	Poor	PM ₁₀
	Jahangirpuri, Delhi - DPCC	221	Poor	PM ₁₀
	Vivek Vihar, Delhi - DPCC	204	Poor	PM _{2.5}
	Sonia Vihar, Delhi - DPCC	196	Moderate	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	118	Moderate	PM ₁₀
	Sector 11, Faridabad - HSPCB	92	Satisfactory	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	203	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	241	Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	213	Poor	PM _{2.5}
Noida	Sector - 125, Noida - UPPCB	301	Very Poor	Ozone