



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated - October 17, 2023



Current Air Quality Status:

Air Quality Index (AQI) (Average of past 24 hours at 4 PM)

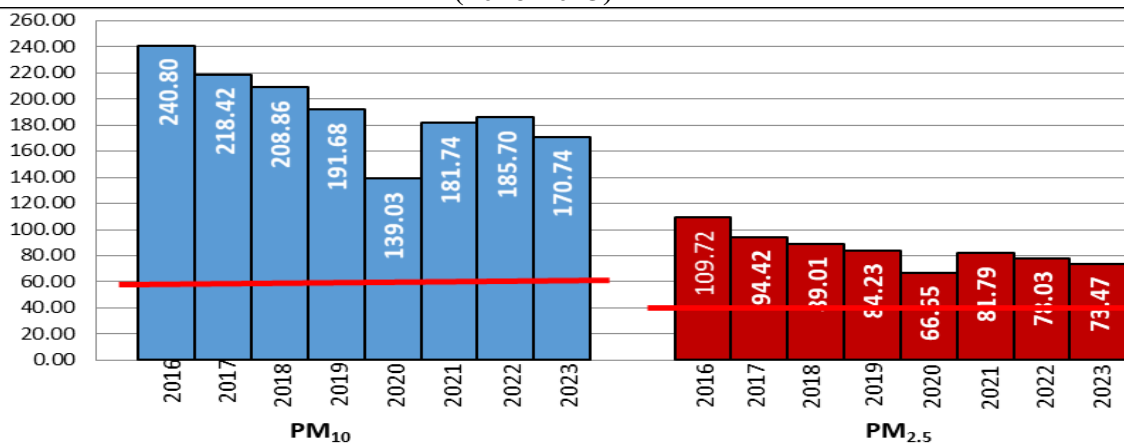
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Satisfactory	89 ↓	PM _{2.5} , PM ₁₀
Faridabad	Good	34 ↓	PM _{2.5}
Ghaziabad	Satisfactory	61 ↓	PM ₁₀ , CO
Greater Noida	Moderate	108 ↓	PM ₁₀
Gurugram	Moderate	104 ↓	PM ₁₀ , PM _{2.5}
Noida	Satisfactory	80 ↓	CO

*Data available for 27 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 17 October 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	279	290	290	290	291	290	290	290								
Good (0-50)		0	2	0	2	4	0	3	1								
Satisfactory (51-100)		24	45	53	58	96	70	65	60	110	151	156	174	224	189	160	203
Moderate (101-200)		86	104	103	114	124	119	92	142								
Poor (201-300)		106	99	97	80	49	62	108	63								
Very Poor (301-400)		56	40	31	29	16	33	21	21	169	139	134	116	67	101	130	87
Severe (>401)		7	0	6	7	2	6	1	3								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till October 16 (2016-2023)



Daily Average of Particulates in Delhi

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
16- October -2023	46	151

Hotspots for Today:

*Details given below

Delhi	New Moti Bagh, NSIT Dwarka, R K Puram, Wazirpur, Mundka	Ghaziabad	Loni
Faridabad	Sector 16A	Greater Noida	Knowledge Park -V
Gurugram	Teri Gram , Sector 51	Noida	Sector – 125

▪ **Wind Forecast for Delhi:**

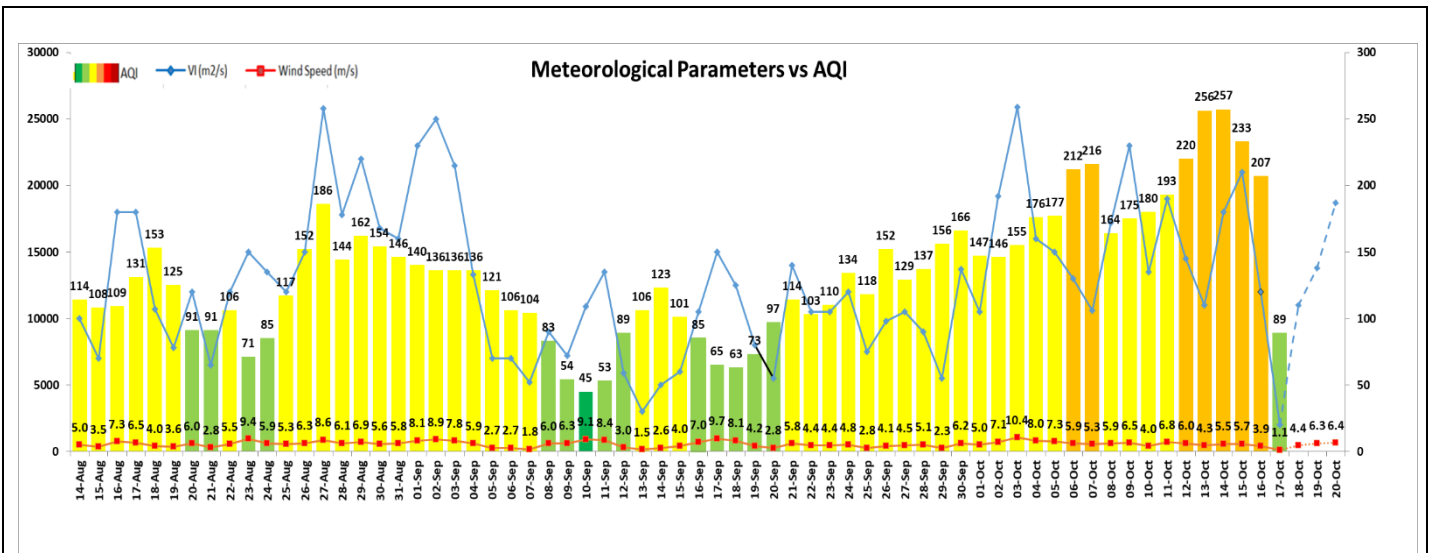
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Oct 18, 2023	08-16	08	21	NW	NW
Oct 19, 2023	08-12	06	16	NW/N	NW
Oct 20, 2023	04-08	07	13	NW/E	W

▪ **IMD Alert for Tomorrow (18.10.2023):**

The air quality is likely to be in satisfactory category on 17.10.2023 and Moderate category on 18.10.2023. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 08-16 kmph, mainly clear sky on 18.10.2023. Ventilation index is likely to be 11000 m²/s.

Active Fire Events (AFE):

Date	Panjab		Haryana	
	Nos. on the day	Total since September 15	Nos. on the day	Total since September 15
16.10.2023	0	1388	04	546
16.10.2022	206	1444	76	244



▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	New Moti Bagh, Delhi - MHUA	143	Moderate	PM _{2.5}
	NSIT Dwarka, Delhi - CPCB	142	Moderate	PM _{2.5}
	R K Puram, Delhi - DPCC	121	Moderate	PM ₁₀
	Wazirpur, Delhi - DPCC	114	Moderate	PM ₁₀
	Mundka, Delhi - DPCC	108	Moderate	PM ₁₀
Faridabad	Sector- 16A, Faridabad - HSPCB	34	Good	PM _{2.5}
Gurugram	Teri Gram, Gurugram - HSPCB	124	Moderate	PM ₁₀
	Sector-51, Gurugram - HSPCB	107	Moderate	PM ₁₀
Ghaziabad	Loni, Ghaziabad - UPPCB	80	Satisfactory	PM ₁₀
Greater Noida Noida	Knowledge Park - V, Greater Noida - UPPCB	122	Moderate	PM ₁₀
	Sector - 125, Noida - UPPCB	112	Moderate	CO