



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated - October 16, 2023



Current Air Quality Status:

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

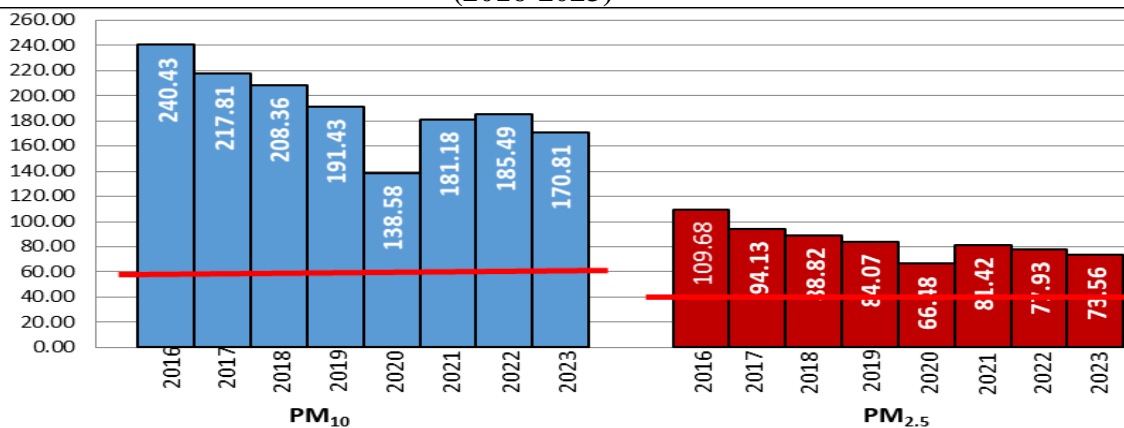
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	207 ↓	NO ₂ , PM ₁₀
Faridabad	Moderate	200 ↓	PM _{2.5}
Ghaziabad	Moderate	190 ↑	PM ₁₀ , O ₃
Greater Noida	Poor	257 ↓	PM ₁₀
Gurugram	Moderate	172 ↑	PM ₁₀ , PM _{2.5}
Noida	Moderate	171 ↓	PM ₁₀

*Data available for 32 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 16 October 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	278	289	289	289	290	289	289	289								
Good (0-50)		0	2	0	2	4	0	3	1								
Satisfactory (51-100)		24	45	53	58	96	70	65	59	110	151	156	174	224	189	160	202
Moderate (101-200)		86	104	103	114	124	119	92	142								
Poor (201-300)		105	99	96	79	48	61	107	63								
Very Poor (301-400)		56	39	31	29	16	33	21	21	168	138	133	115	66	100	129	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 15 (2016-2023)



Daily Average of Particulates in Delhi

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
15- October -2023	81	222

Hotspots for Today:

*Details given below

Delhi	DTU, Anand Vihar, Nehru Nagar, Mundka, New Moti Bagh	Ghaziabad	Loni, Vasundhara
Faridabad	Sector 11	Greater Noida	Knowledge Park -V
Gurugram	Sector 51, Teri Gram	Noida	Sector - 116

▪ **Wind Forecast for Delhi:**

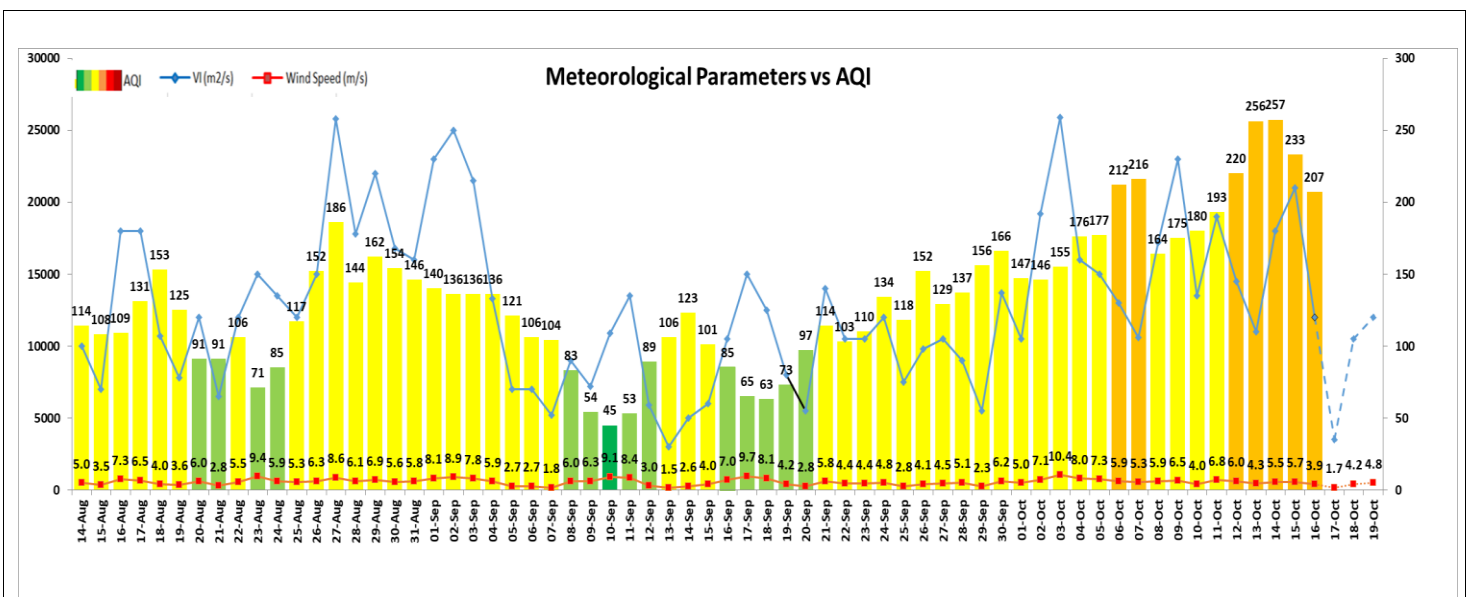
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Oct 17, 2023	06-12	03	16	SE	SW
Oct 18, 2023	08-12	09	19	VAR	NW
Oct 19, 2023	04-12	06	15	NW	W

▪ **IMD Alert for Tomorrow (17.10.2023):**

The air quality is likely to be in Moderate category from 16.10.2023 to 17.10.2023. The predominant surface wind is likely to be coming from Southeast directions in Delhi with wind speed 06-12 kmph, generally cloudy sky and light rain/thundershowers on 17.10.2023. Ventilation index is likely to be 3500 m²/s.

▪ **Active Fire Events (AFEs):**

Date	Panjab		Haryana	
	Nos. on the day	Total since September 15	Nos. on the day	Total since September 15
15.10.2023	89	1388	127	542
15.10.2022	82	1238	36	168



▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	DTU, Delhi - CPCB	403	Severe	NO ₂
	Anand Vihar, Delhi - DPCC	284	Poor	PM ₁₀
	Nehru Nagar, Delhi - DPCC	262	Poor	PM ₁₀
	Mundka, Delhi - DPCC	260	Poor	PM ₁₀
	New Moti Bagh, Delhi - MHUA	257	Poor	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	273	Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	238	Poor	PM ₁₀
	Teri Gram, Gurugram - HSPCB	204	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	250	Poor	PM ₁₀
	Vasundhara, Ghaziabad - UPPCB	225	Poor	O ₃
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	283	Poor	PM ₁₀
Noida	Sector-116, Noida - UPPCB	189	Moderate	PM ₁₀

