



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated - October 21, 2023



Current Air Quality Status:

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

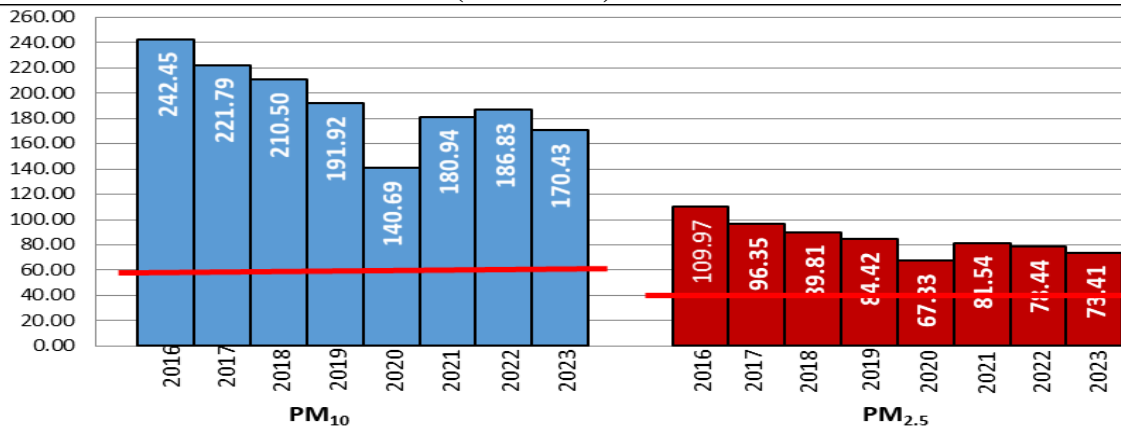
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	248 ↑	PM _{2.5}
Faridabad	Poor	217 ↓	PM _{2.5}
Ghaziabad	Poor	227 ↑	PM _{2.5} , PM ₁₀
Greater Noida	Poor	289 ↑	PM _{2.5}
Gurugram	Moderate	198 ↑	PM _{2.5}
Noida	Poor	249 ↑	PM _{2.5} , PM ₁₀

*Data available for 34 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 21 October 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	283	294	294	294	295	294	294	294								
Good (0-50)		0	2	0	2	4	1	3	1								
Satisfactory (51-100)		24	45	53	58	96	71	65	60	110	151	156	174	224	192	160	206
Moderate (101-200)		86	104	103	114	124	120	92	145								
Poor (201-300)		110	101	100	83	53	63	112	64								
Very Poor (301-400)		56	42	32	30	16	33	21	21	173	143	138	120	71	102	134	88
Severe (>401)		7	0	6	7	2	6	1	3								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till October 20 (2016-2023)



Daily Average of Particulates in Delhi

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
20- October -2023	103	200

Hotspots for Today:

*Details given below

Delhi	Shadipur, New Moti Bagh, Bawana, Burari Crossing, Jahangirpuri	Ghaziabad	Loni
Faridabad	Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Sector 51, Teri Gram	Noida	Sector - 116, Sector - 62

▪ **Wind Forecast for Delhi:**

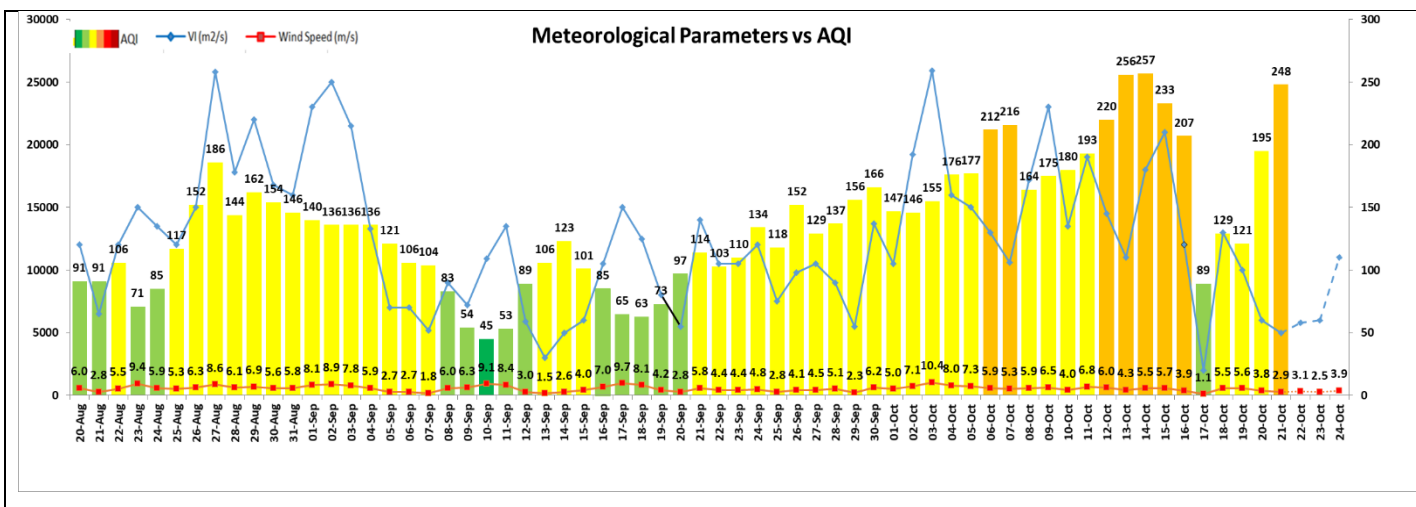
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Oct 22, 2023	06-12	06	13	NW/NE	NW
Oct 23, 2023	04-08	06	12	N/E	NW
Oct 24, 2023	06-08	07	15	NE	NW

▪ **IMD Alert for Tomorrow (22.10.2023):**

The air quality is likely to be in Poor category from 22.10.2023. The predominant surface wind is likely to be coming from Northwest/Northeast directions in Delhi with wind speed 06-12 kmph, partly cloudy sky and possibility of drizzle at one or two places towards night on 22.10.2023. Ventilation index is likely to be 5800 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
19.10.2023	37	1444	16	570
19.10.2022	436	2625	122	586
20.10.2023	174	1618	51	621
20.10.2022	96	2721	78	664



▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Shadipur, Delhi - CPCB	317	Very Poor	PM _{2.5}
	New Moti Bagh, Delhi - MHUA	316	Very Poor	PM _{2.5}
	Bawana, Delhi - DPCC	299	Poor	PM _{2.5}
	Burari Crossing, Delhi - IMD	294	Poor	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	294	Poor	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	314	Very Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	263	Poor	PM _{2.5}
	Teri Gram, Gurugram - HSPCB	239	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	345	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	297	Poor	PM _{2.5}
Noida	Sector-116, Noida - UPPCB	285	Poor	PM _{2.5}
	Sector - 62, Noida - IMD	280	Poor	PM ₁₀

