



# Central Pollution Control Board

## Air Quality Status for Delhi & NCR

Dated - October 22, 2023



### Current Air Quality Status:

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

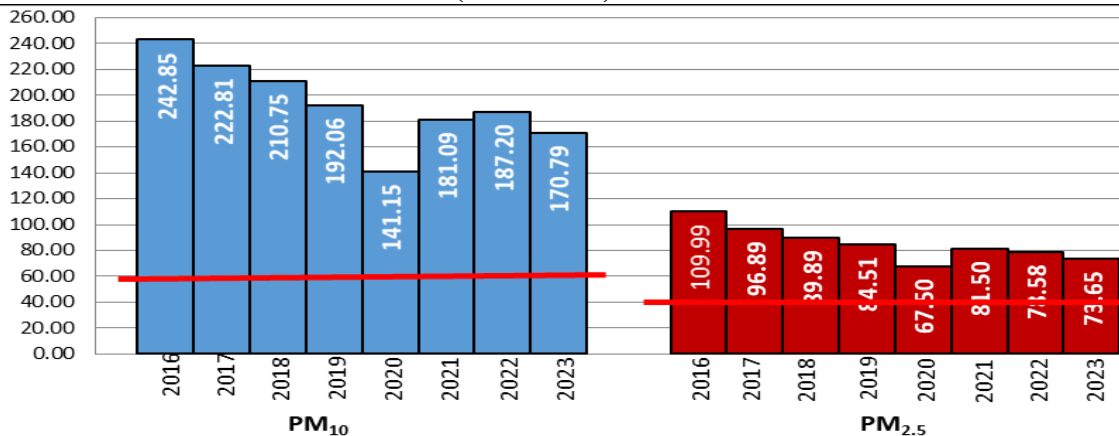
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	313 ↑	PM <sub>2.5</sub>
Faridabad	Very Poor	322 ↑	PM <sub>2.5</sub>
Ghaziabad	Poor	246 ↑	PM <sub>2.5</sub>
Greater Noida	Very Poor	354 ↑	PM <sub>2.5</sub>
Gurugram	Poor	255 ↑	PM <sub>2.5</sub>
Noida	Very Poor	304 ↑	PM <sub>2.5</sub> , PM <sub>10</sub>

\*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 22 October 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	284	295	295	295	296	295	295	295								
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	175	224	193	160	206
Moderate (101-200)		86	104	103	115	124	121	92	145								
Poor (201-300)		111	101	101	83	54	63	113	64								
Very Poor (301-400)		56	43	32	30	16	33	21	22	174	144	139	120	72	102	135	89
Severe (>401)		7	0	6	7	2	6	1	3								

#### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average - Till October 21 (2016-2023)



#### Daily Average of Particulates in Delhi

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
21- October -2023	143	277

#### Hotspots for Today:

\*Details given below

Delhi	Nehru Nagar, New Moti Bagh, Shadipur, Punjabi Bagh, Wazirpur	Ghaziabad	Loni
Faridabad	Sector 11	Greater Noida	Knowledge Park III
Gurugram	Sector 51, Teri Gram	Noida	Sector - 116

**Wind Forecast for Delhi:**

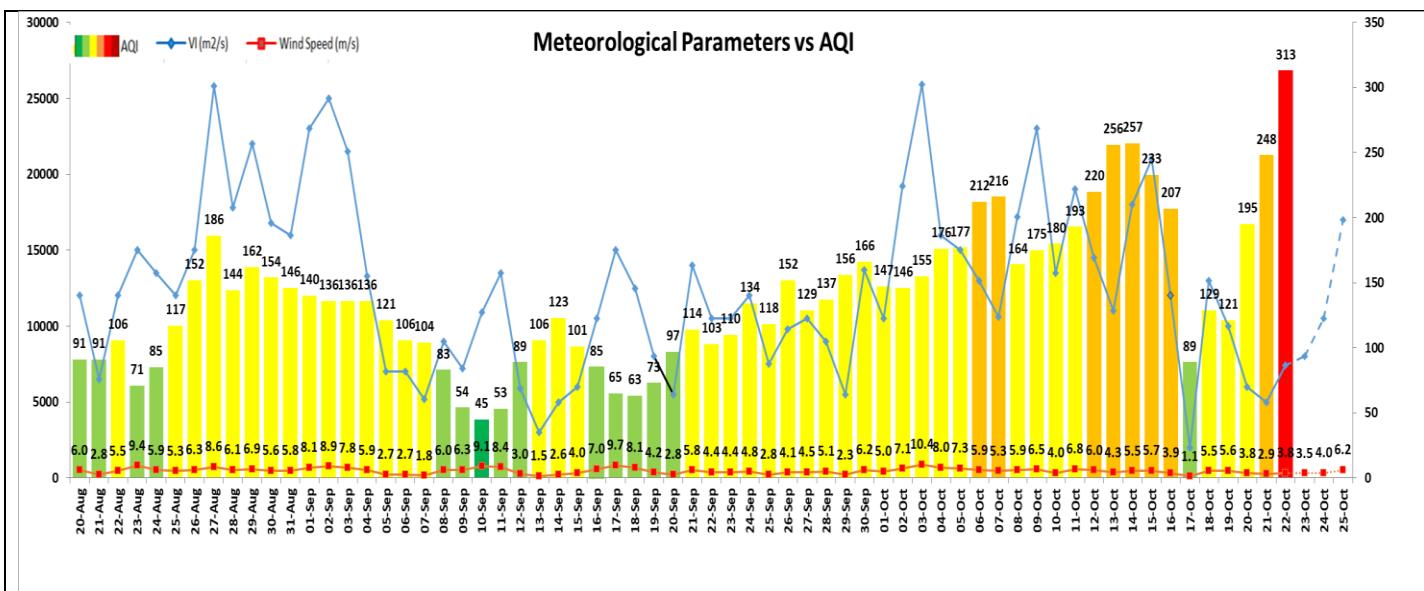
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
<b>Oct 23, 2023</b>	04-08	07	14	NE	NW
<b>Oct 24, 2023</b>	04-08	07	16	NE	NW
<b>Oct 25, 2023</b>	06-12	09	24	NW	NW

**IMD Alert for Tomorrow (23.10.2023):**

The air quality is likely to be in Very Poor category from 23.10.2023 to 25.10.2023. The predominant surface wind is likely to be coming from Northeast directions in Delhi with wind speed 04-08 kmph, mainly clear sky and mist in the morning on 23.10.2023. Ventilation index is likely to be 8000 m<sup>2</sup>/s.

**Active Fire Events (AFE):**

Date	Panjab		Haryana	
	Nos. on the day	Total since September 15	Nos. on the day	Total since September 15
21.10.2023	146	1764	68	689
21.10.2022	393	3114	107	771



**Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Nehru Nagar, Delhi - DPCC	384	Very Poor	PM <sub>2.5</sub>
	New Moti Bagh, Delhi - MHUA	377	Very Poor	PM <sub>2.5</sub>
	Shadipur, Delhi - CPCB	372	Very Poor	PM <sub>2.5</sub>
	Punjabi Bagh, Delhi - DPCC	361	Very Poor	PM <sub>2.5</sub>
	Wazirpur, Delhi - DPCC	354	Very Poor	PM <sub>2.5</sub>
Faridabad	Sector 11, Faridabad - HSPCB	337	Very Poor	PM <sub>2.5</sub>
Gurugram	Sector-51, Gurugram - HSPCB	313	Very Poor	PM <sub>2.5</sub>
	Teri Gram, Gurugram - HSPCB	277	Poor	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	379	Very Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	363	Very Poor	PM <sub>2.5</sub>
Noida	Sector-116, Noida - UPPCB	361	Very Poor	PM <sub>2.5</sub>