



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 21, 2022



Current Air Quality Status:

Air Quality Index (AQI) (Average of past 24 hours)

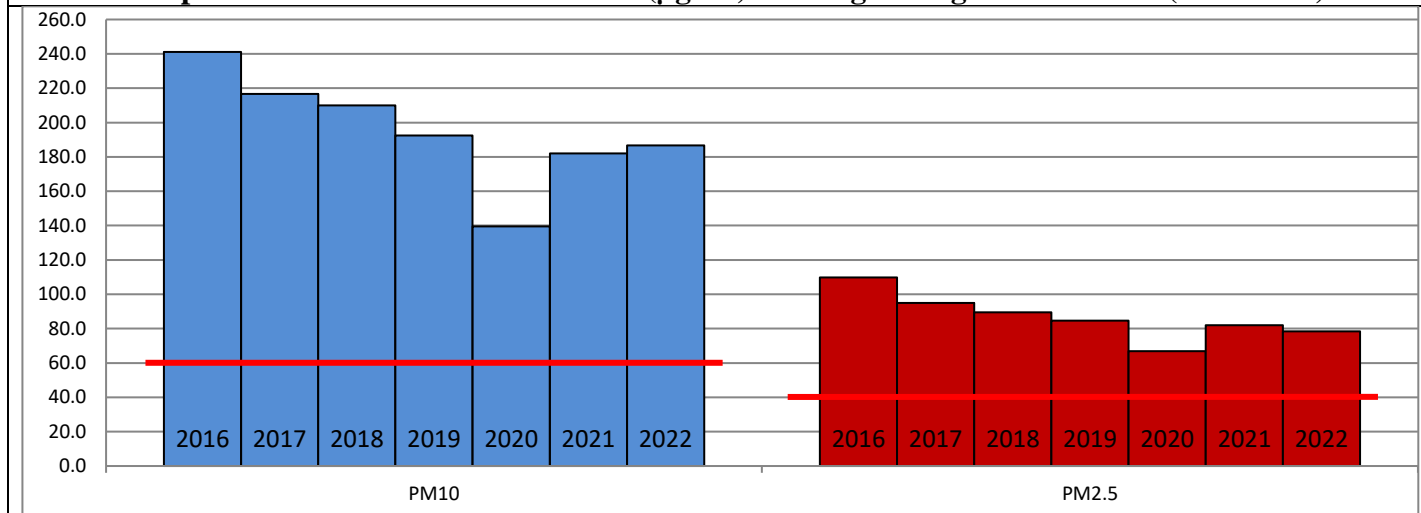
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	262 ↑	PM ₁₀ , PM _{2.5}
Faridabad	Very Poor	312 ↑	PM ₁₀ , PM _{2.5}
Ghaziabad	Poor	300 ↑	PM _{2.5}
Greater Noida	Poor	246 ↑	PM ₁₀
Gurugram	Poor	242 ↑	PM _{2.5} , PM ₁₀
Noida	Poor	258 ↑	PM ₁₀ , PM _{2.5}

*Data available for 35 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 2016-2022

Category	Year	2016	2017	2018	2019	2020	2021	2022	2016	2017	2018	2019	2020	2021	2022
	No. of days	283	294	294	294	295	294	294							
Good (0-50)		0	2	0	2	5	1	3							
Satisfactory (51-100)		24	45	53	58	95	80	65	110	150	157	175	224	192	160
Moderate (101-200)		86	103	104	115	124	111	92							
Poor (201-300)		113	102	101	84	53	63	112							
Very Poor (301-400)		54	41	30	28	16	33	21	173	144	137	119	71	102	134
Severe (>401)		6	1	6	7	2	6	1							

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till Oct 20 (2016-2022)



Hotspots for Today:

*Details given overleaf

Delhi	Anand Vihar, Mundka, North Campus-DU, Wazirpur, NSIT Dwarka	Ghaziabad	Indirapuram, Loni
Faridabad	New Industrial Town	Greater Noida	Knowledge Park-V
Gurugram	Sector-51, Teri Gram	Noida	Sector-116, Sector-62

Forecast by IITM (Delhi):

	Oct 22, 2022		Oct 23, 2022- Oct 24, 2022	
	Concentration	AQI Category	Concentration	AQI Category
PM ₁₀	251	Poor	297	Poor
PM _{2.5}	120	Poor	142	Very Poor

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, 2022	05-10	07	18	NE	NW
Oct 23, 2022	Upto 04	09	19	NE	NW
Oct 24, 2022	Upto 05	09	17	NE	NW

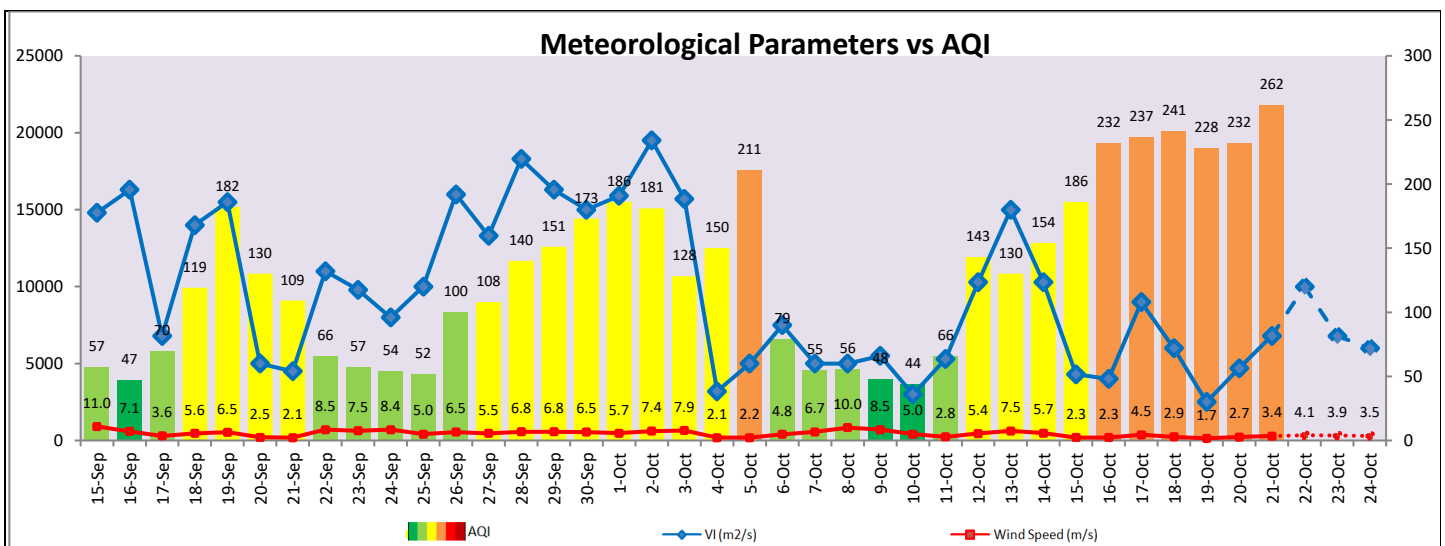
IMD Alert for Tomorrow (22.10.2022):

The air quality is likely to remain in Very Poor category on 22.10.2022, 23.10.2022 and 24.10.2022. The predominant surface wind is likely to be calm in morning hours and coming from Northeast direction in Delhi with wind speed 05-10 kmph during daytime and mainly clear sky tomorrow. Ventilation index is likely to be 10,000 m²/s.

Active Fire Events (AFEs):

Date	Punjab		Haryana	
	Nos. on the day	Total since September 15	Nos. on the day	Total since September 15
20.10.2022	96	2721	78	664
20.10.2021	788	3730	155	1237

* As per IITM, the impact of stubble burning is negligible.



Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	386	Very Poor	PM ₁₀
	NSIT Dwarka, Delhi - CPCB	321	Very Poor	PM _{2.5}
	Wazirpur, Delhi - DPCC	308	Very Poor	PM ₁₀
	Mundka, Delhi - DPCC	307	Very Poor	PM ₁₀
	North Campus, DU, Delhi - IMD	302	Very Poor	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	400	Very Poor	PM ₁₀
Gurugram	Sector-51, Gurugram - HSPCB	349	Very Poor	PM ₁₀
	Teri Gram, Gurugram - HSPCB	277	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	361	Very Poor	PM _{2.5}
	Indirapuram, Ghaziabad - UPPCB	305	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	290	Poor	PM ₁₀
Noida	Sector-116, Noida - UPPCB	308	Very Poor	PM ₁₀
	Sector - 62, Noida - IMD	258	Poor	PM _{2.5}