



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – August 21, 2022



Current Air Quality Status:

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

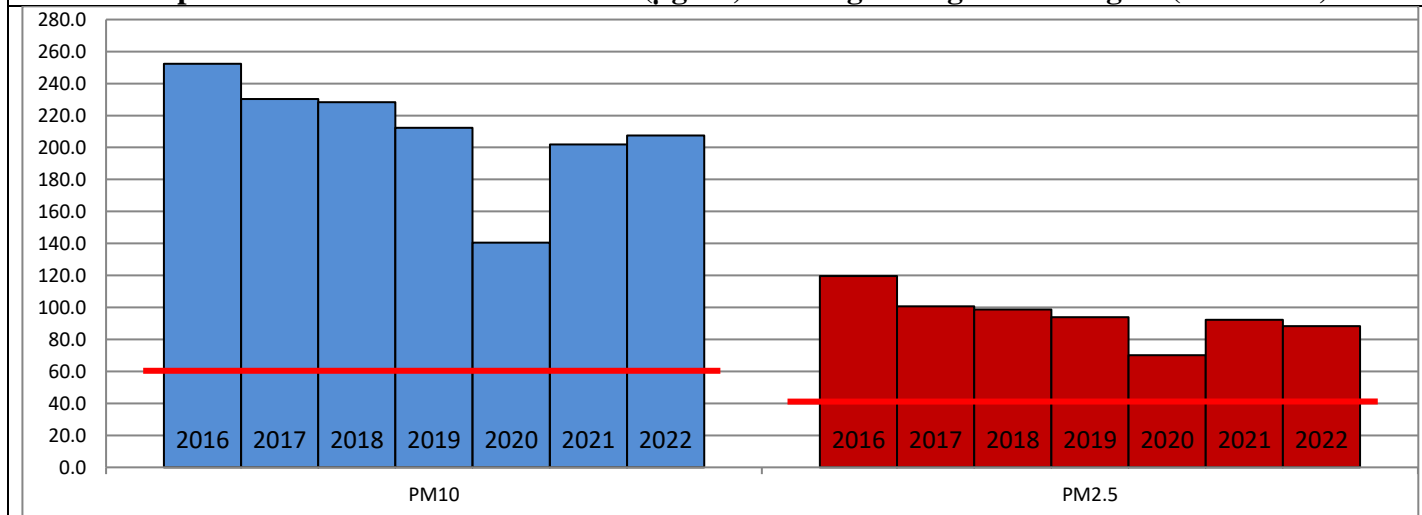
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	117↑	PM _{2.5} , PM ₁₀
Faridabad	Moderate	186↑	PM _{2.5} , O ₃ , PM ₁₀
Ghaziabad	Moderate	119↑	PM ₁₀
Greater Noida	Moderate	120↑	PM ₁₀
Gurugram	Moderate	147↑	PM _{2.5} , PM ₁₀
Noida	Moderate	117↑	PM ₁₀

*Data available for 25 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 August 2016-2022

Category	Year	2016	2017	2018	2019	2020	2021	2022	2016	2017	2018	2019	2020	2021	2022
	No. of days	222	233	233	233	234	233	233							
Good (0–50)		0	2	0	2	3	0	0							
Satisfactory (51–100)		14	30	31	32	79	51	47	71	108	113	125	178	134	106
Moderate (101–200)		57	76	82	91	96	83	59							
Poor (201–300)		91	89	86	74	39	60	105							
Very Poor (301–400)		54	36	28	27	15	33	21	151	125	120	108	56	99	127
Severe (>401)		6	0	6	7	2	6	1							

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till Aug 17 (2016-2022)



Hotspots for Today:

*Details given overleaf

Delhi	Vivek Vihar, Shadipur, Narela, Jahangirpuri, R K Puram	Ghaziabad	Vasundhara, Indirapuram
Faridabad	Sector-16A	Greater Noida	Knowledge Park – V
Gurugram	Teri Gram	Noida	Sector-1

Forecast by IITM (Delhi):

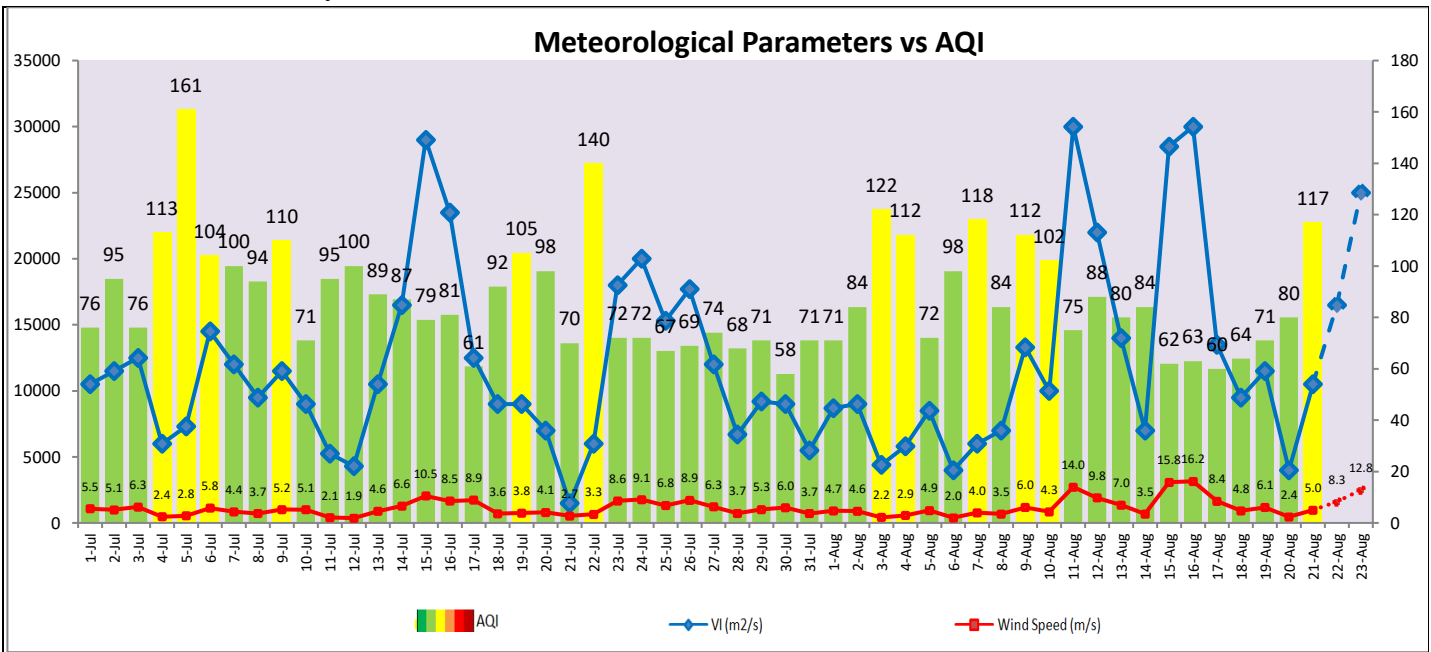
Parameters	Aug 22, 2022		Aug 23, 2022- Aug 24, 2022	
	Concentration	AQI Category	Concentration	AQI Category
PM ₁₀	111	Moderate	131	Moderate
PM _{2.5}	48	Satisfactory	56	Satisfactory

▪ **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
Aug 22, 2022	08-24	12	21	NE	NE
Aug 23, 2022	24-32	24	51	SE	E
Aug 24, 2022	12-16	12	18	SE	SE

▪ **IMD Alert for Tomorrow (22.08.2022):**

The air quality is likely to improve and remain in Satisfactory category from 22.08.2022 to 23.08.2022. The predominant surface wind is likely to be coming from Northeast direction in Delhi with wind speed 08 - 24 kmph, generally cloudy sky and light rain/thundershowers tomorrow. Ventilation index is likely to be 16,500 m²/s.



▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Vivek Vihar, Delhi - DPCC	135	Moderate	PM ₁₀
	Shadipur, Delhi - CPCB	132	Moderate	PM ₁₀
	Narela, Delhi - DPCC	131	Moderate	PM ₁₀
	Jahangirpuri, Delhi - DPCC	130	Moderate	PM ₁₀
	R K Puram, Delhi - DPCC	126	Moderate	PM _{2.5}
Faridabad	Sector- 16A, Faridabad - HSPCB	241	Poor	O ₃
Gurugram	Teri Gram, Gurugram - HSPCB	189	Moderate	PM ₁₀
Ghaziabad	Vasundhara, Ghaziabad - UPPCB	140	Moderate	PM ₁₀
	Indirapuram, Ghaziabad - UPPCB	127	Moderate	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	131	Moderate	PM ₁₀
Noida	Sector-1, Noida - UPPCB	118	Moderate	PM ₁₀