



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – August 21, 2024



Current Air Quality Status:

▪ Air Quality Index (AQI) (Average of past 24 hours at 4 PM) in comparison with last two years

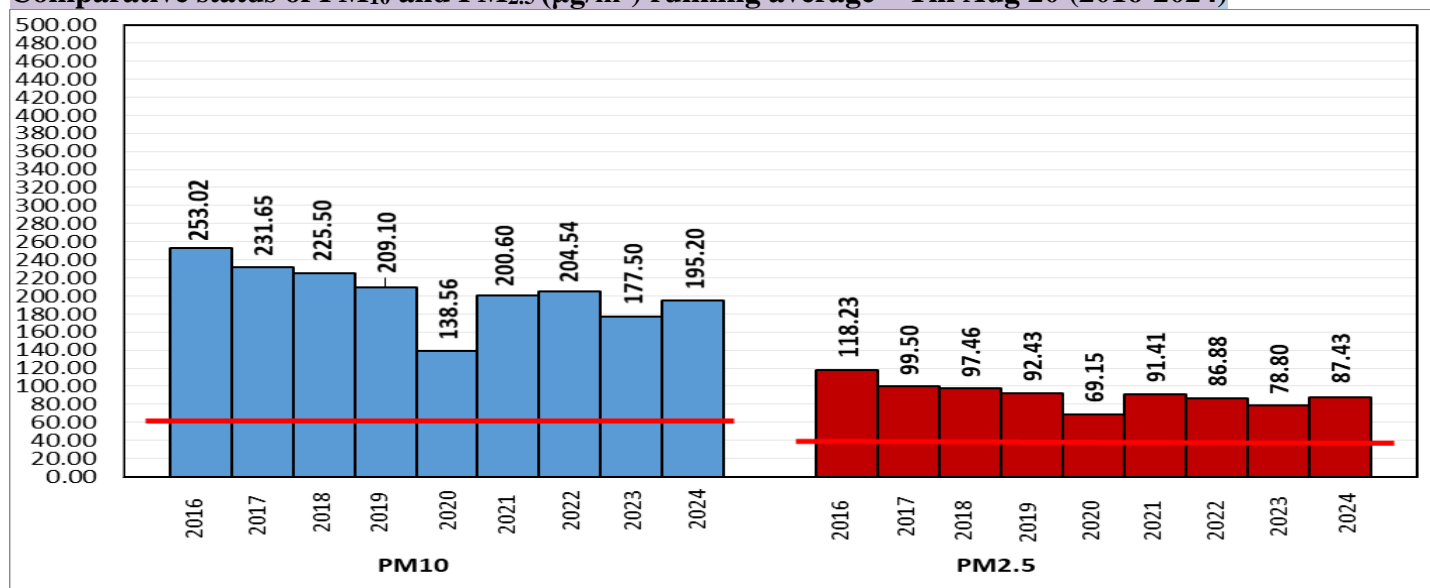
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Satisfactory	85↑	O ₃	Satisfactory	91	O ₃ , PM ₁₀	Moderate	117↑	PM _{2.5} , PM ₁₀
Faridabad	Satisfactory	82↑	PM ₁₀	Satisfactory	99↓	PM _{2.5}	Moderate	186↑	PM _{2.5} , O ₃ , PM ₁₀
Ghaziabad	Satisfactory	84↑	PM ₁₀	Satisfactory	81↑	PM ₁₀	Moderate	119↑	PM ₁₀
Greater Noida	Moderate	122↑	PM ₁₀	Moderate	130↓	O ₃ , PM ₁₀	Moderate	120↑	PM ₁₀
Gurugram	Moderate	127↑	PM _{2.5} , CO	Moderate	125↓	PM _{2.5}	Moderate	147↑	PM _{2.5} , PM ₁₀
Noida	Satisfactory	98↑	O ₃ , PM ₁₀	Moderate	113↑	O ₃ , CO	Moderate	117↑	PM ₁₀

*Data available for 36(2024), 29(2023), 25(2022) 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 Aug 2016-2024

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2016	2017	2018	2019	2020	2021	2022	2023	2024	
	No. of days	222	233	233	233	234	233	233	233	234	71	107	113	125	178	134	106	153	149	
Good (0–50)		0	2	0	2	3	0	0	0	0										
Satisfactory (51–100)		14	29	32	30	79	37	47	48	40										
Moderate (101–200)		57	76	81	93	96	97	59	105	109										
Poor (201–300)		91	90	86	74	39	59	105	56	49										
Very Poor (301–400)		54	36	28	27	15	34	21	21	33	151	126	120	108	56	99	127	80	85	
Severe (>401)		6	0	6	7	2	6	1	3	3										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till Aug 20 (2016-2024)



*Red line shows the annual average concentration standards for PM₁₀ and PM_{2.5}.

▪ Daily Average of Particulates in Delhi (24 hourly average value; from 06:00am of 20.08.24 to 06:00 am of 21.08.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
20- Aug -2024	23↓	58↓

Hotspots for Today: *Details given below

Delhi	Dr. Karni Singh Shooting Range, Nehru Nagar, Okhla Phase-2, North Campus, DU, Wazirpur	Ghaziabad	Sanjay Nagar
Faridabad	New Industrial Town, Sector 30	Greater Noida	Knowledge Park - III
Gurugram	Sector-51, Teri Gram	Noida	Sector - 125, Sector-116

Forecast by IITM(Delhi):

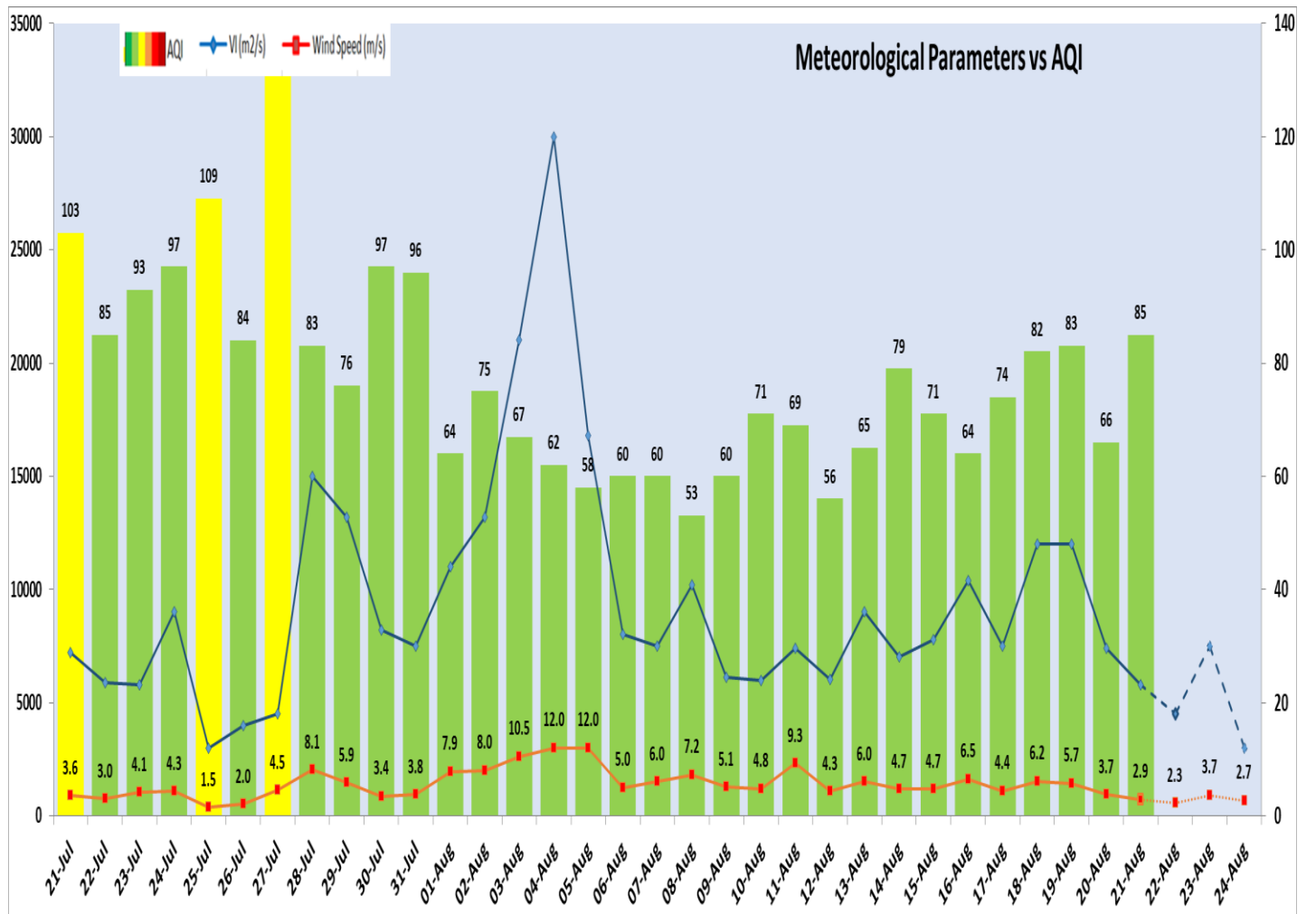
	Aug 22, 2024	Aug 23, 2024	Aug 24, 2024
AQI Category	Satisfactory	Satisfactory	Satisfactory

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, 2024	06-08	10	11	SE/NE	W
Aug 23, 2024	06-12	08	08	SE	NE
Aug 24, 2024	08-16	11	30	SE/E	E

IMD Alert for Tomorrow (22.08.2024):

The air quality is likely to be in Satisfactory category from 21.08.2024 and 24.08.2024. The predominant surface wind is likely to be coming from Southeast/Northeast directions in Delhi with wind speed 06-08 kmph, generally cloudy sky and light to moderate rain/thundershowers on 22.08.2024. Ventilation index is likely to be 4500 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
18-08-2024	27.0	35.5
19-08-2024	27.6	34.6
20-08-2024	23.8	35.6
21-08-2024	25.5	33.2

▪ ***Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Dr. Karni Singh Shooting Range, Delhi - DPCC	243	Poor	Ozone
	Nehru Nagar, Delhi - DPCC	170	Moderate	Ozone
	Okhla Phase-2, Delhi - DPCC	159	Moderate	Ozone
	North Campus, DU, Delhi - IMD	147	Moderate	Ozone
	Wazirpur, Delhi - DPCC	131	Moderate	PM ₁₀
Faridabad	New Industrial Town, Faridabad - HSPCB	95	Satisfactory	PM ₁₀
	Sector 30, Faridabad - HSPCB	89	Satisfactory	PM ₁₀
Gurugram	Sector-51, Gurugram - HSPCB	156	Moderate	PM _{2.5}
	Teri Gram, Gurugram - HSPCB	135	Moderate	PM _{2.5}
Ghaziabad	Sanjay Nagar, Ghaziabad - UPPCB	107	Moderate	PM ₁₀
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	124	Moderate	PM ₁₀
Noida	Sector - 125, Noida - UPPCB	143	Moderate	PM ₁₀
	Sector-116, Noida - UPPCB	98	Satisfactory	Ozone