



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – August 16, 2024



Current Air Quality Status:

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

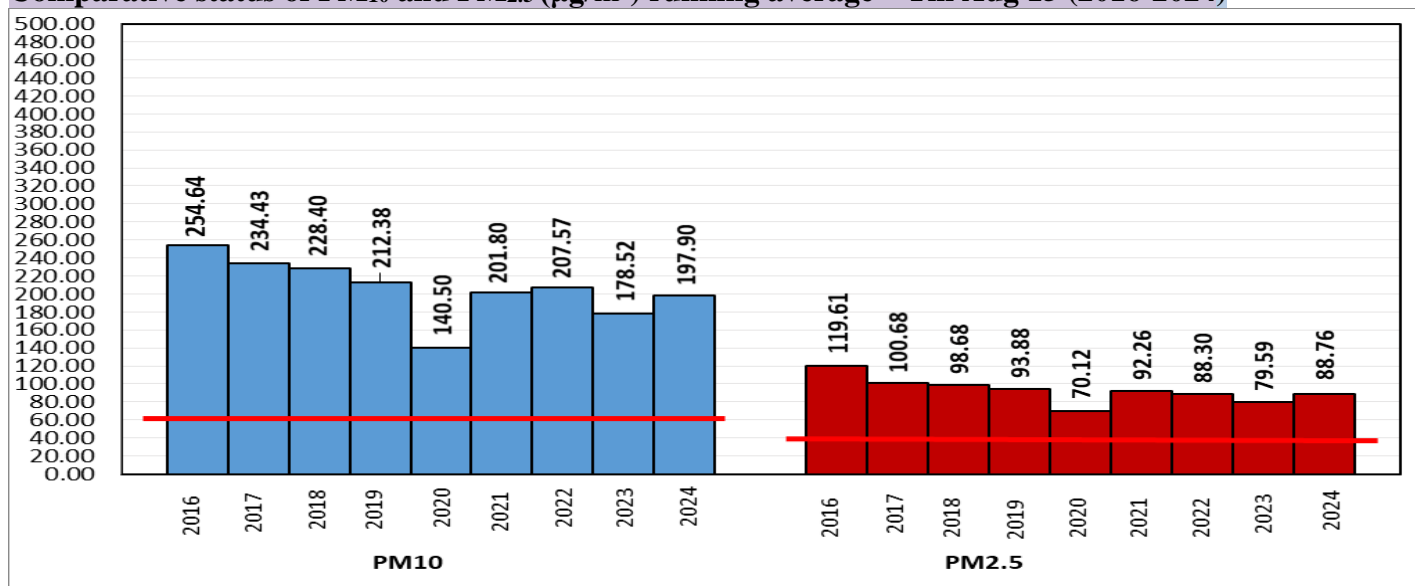
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Satisfactory	64↓	PM ₁₀ , CO	Moderate	109↑	PM ₁₀	Satisfactory	63↑	CO, PM ₁₀ , NO ₂
Faridabad	Satisfactory	64↓	PM ₁₀ , CO	Satisfactory	77↓	PM ₁₀ , PM _{2.5}	Moderate	103↑	PM ₁₀ , O ₃ , PM _{2.5}
Ghaziabad	Satisfactory	68↓	PM ₁₀	Moderate	116↑	PM _{2.5} , PM ₁₀	Satisfactory	59↑	PM ₁₀ , CO
Greater Noida	Moderate	121↓	PM ₁₀	Moderate	142	PM ₁₀	Satisfactory	67↓	PM ₁₀
Gurugram	Satisfactory	82↓	PM ₁₀ , CO	Moderate	102↓	PM ₁₀ , PM _{2.5}	Good	44↓	PM ₁₀
Noida	Satisfactory	63↑	PM _{2.5} , PM ₁₀	Moderate	111↑	PM ₁₀ , CO	Good	50↓	PM ₁₀

*Data available for 37(2024), 28(2023), 33(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 16 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	217	228	228	228	229	228	228	228	229	66	102	108	120	173	129	101	148	144	
Good (0–50)		0	2	0	0	2	0	0	0	0										
Satisfactory (51–100)		14	26	29	27	75	36	43	46	35										
Moderate (101–200)		52	74	79	93	96	93	58	102	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 15 (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 15.08.24 to 06:00 am of 16.08.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
15- Aug -2024	26↓	55↓

Hotspots for Today: *Details given below

Delhi	Anand Vihar, Jahangirpuri, Wazirpur, Chandni Chowk, Sonia Vihar	Ghaziabad	Indirapuram, Sanjay Nagar, Vasundhara
Faridabad	Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Vikas Sadan	Noida	Sector-125

Forecast by IITM(Delhi):

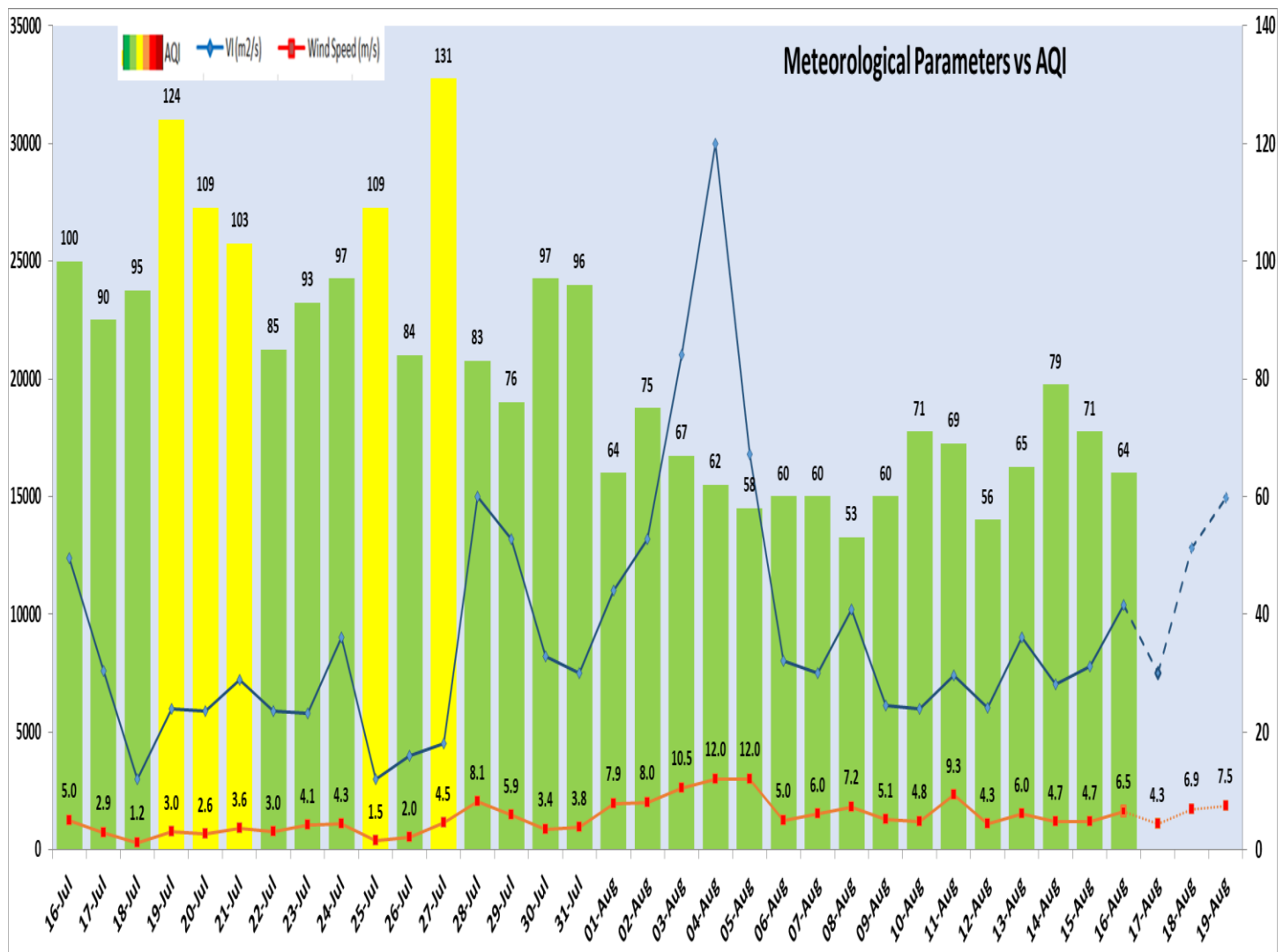
	Aug 17, 2024	Aug 18, 2024	Aug 19, 2024
AQI Category	Satisfactory	Satisfactory	Satisfactory

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 17, 2024	06-10	03	03	VAR	W
Aug 18, 2024	Upto 12	06	15	NW/WNW	NW
Aug 19, 2024	12-16	10	19	W	W

IMD Alert for Tomorrow (17.08.2024):

. The air quality is likely to be in Satisfactory category from 16.08.2024 to 19.08.2024. The predominant surface wind is likely to be in variable directions in Delhi with wind speed 06-10 kmph, generally cloudy sky and light rain/thunderstorm on 17.08.2024. Ventilation index is likely to be 7500 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
13-08-2024	25.0	31.6
14-08-2024	26.6	33.6
15-08-2024	27.2	35.4
16-08-2024	25.3	34.0

▪ ***Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	127	Moderate	CO
	Jahangirpuri, Delhi - DPCC	103	Moderate	PM ₁₀
	Wazirpur, Delhi - DPCC	85	Satisfactory	PM ₁₀
	Chandni Chowk, Delhi - IITM	83	Satisfactory	PM ₁₀
	Sonia Vihar, Delhi - DPCC	77	Satisfactory	PM ₁₀
Faridabad	Sector 11, Faridabad - HSPCB	66	Satisfactory	PM ₁₀
Gurugram	Vikas Sadan, Gurugram - HSPCB	91	Satisfactory	CO
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	70	Satisfactory	PM ₁₀
	Sanjay Nagar, Ghaziabad - UPPCB	70	Satisfactory	PM ₁₀
	Vasundhara, Ghaziabad - UPPCB	70	Satisfactory	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	143	Moderate	PM ₁₀
Noida	Sector - 125, Noida - UPPCB	84	Satisfactory	PM ₁₀