



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – August 18, 2024



Current Air Quality Status:

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

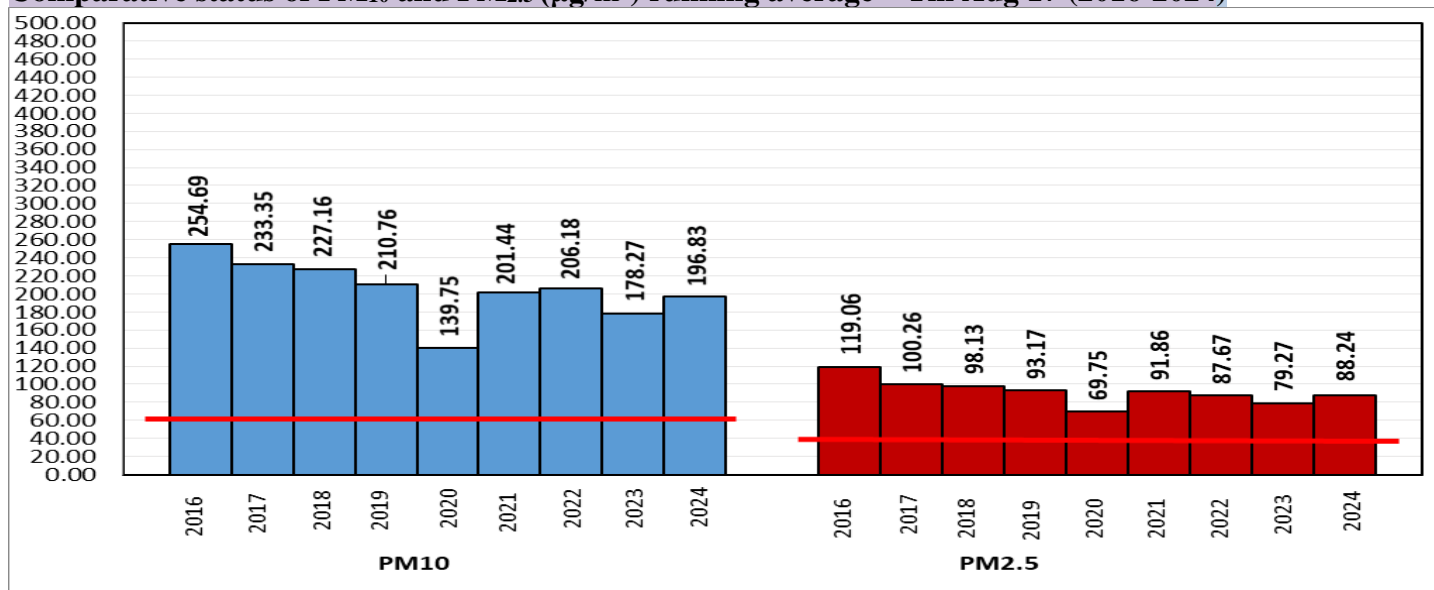
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Satisfactory	82↑	PM ₁₀ , PM _{2.5}	Moderate	153↑	PM ₁₀	Satisfactory	64↑	CO, O ₃ , PM ₁₀
Faridabad	Satisfactory	65↓	PM ₁₀	Moderate	127↑	PM _{2.5} , PM ₁₀	Moderate	122↑	O ₃ , PM ₁₀
Ghaziabad	Satisfactory	98↑	PM ₁₀ , PM _{2.5}	Moderate	156↑	PM ₁₀	Satisfactory	55↑	PM ₁₀ , O ₃
Greater Noida	Moderate	126↑	PM ₁₀	Poor	207↑	PM ₁₀	Satisfactory	58↑	CO
Gurugram	Moderate	152↑	CO, PM _{2.5}	Moderate	141↑	PM _{2.5}	Good	42↑	PM ₁₀ , O ₃
Noida	Satisfactory	85↑	PM ₁₀	Moderate	147↑	PM ₁₀ , PM _{2.5}	Good	42↑	PM ₁₀

*Data available for 38(2024), 34(2023), 21(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 18 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	219	230	230	230	231	230	230	230	231	68	104	110	122	175	131	103	150	146	
Good (0–50)		0	2	0	0	2	0	0	0	0										
Satisfactory (51–100)		14	28	29	29	77	36	45	46	37										
Moderate (101–200)		54	74	81	93	96	95	58	104	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 17 (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 17.08.24 to 06:00 am of 18.08.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
17- Aug -2024	35↑	89↑

Hotspots for Today: *Details given below

Delhi	Anand Vihar, Jahangirpuri, Shadipur, Wazirpur, Pusa	Ghaziabad	Vasundhara
Faridabad	Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Teri Gram, Sector-51	Noida	Sector - 125, Sector-1

Forecast by IITM(Delhi):

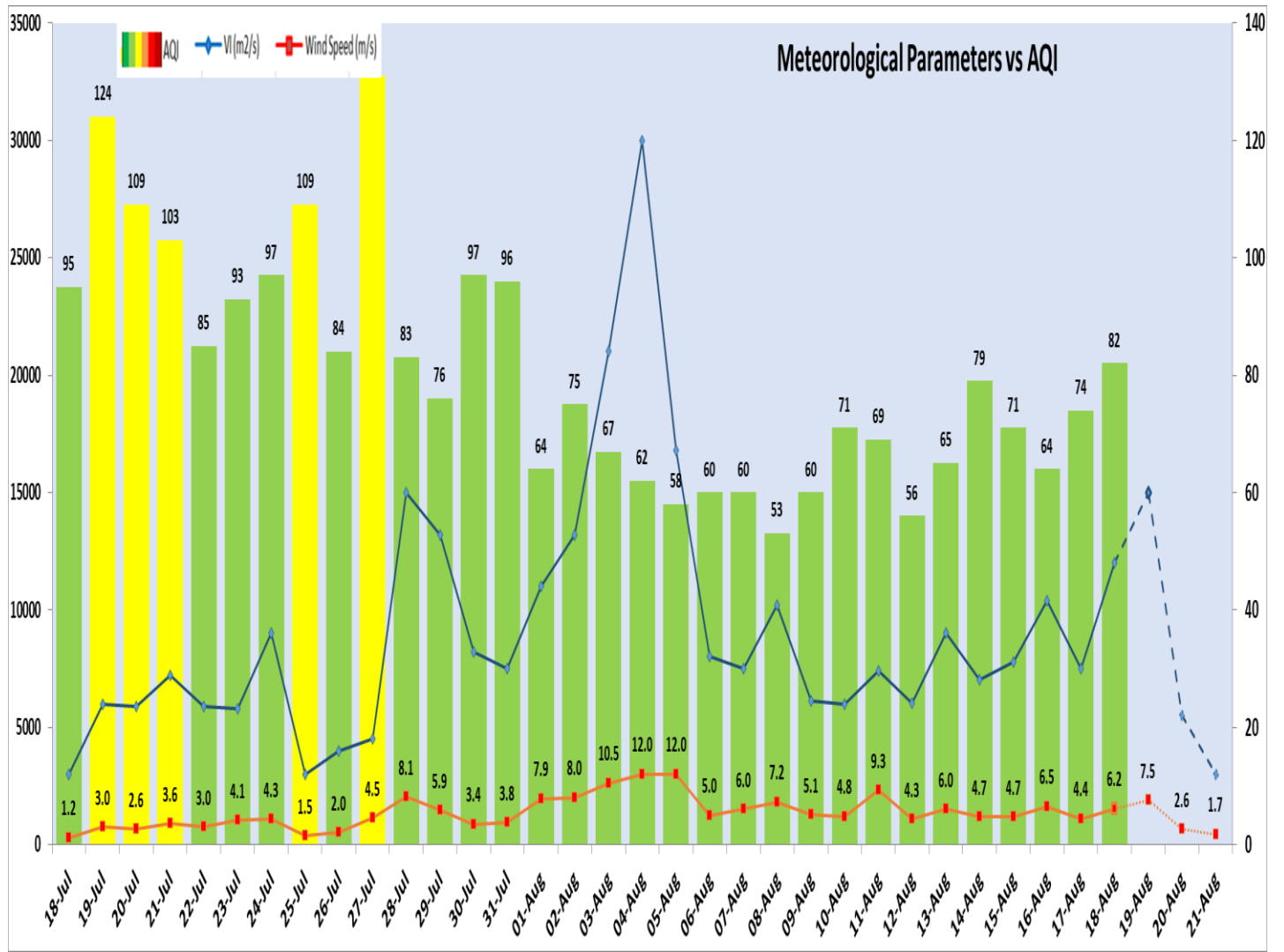
	Aug 19, 2024	Aug 20, 2024	Aug 21, 2024
AQI Category	Moderate	Moderate	Moderate

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 19, 2024	08 TO 10	12	23	NW	W
Aug 20, 2024	06 TO 10	07	15	NW	W
Aug 21, 2024	04 TO 08	07	20	SE	NW

IMD Alert for Tomorrow (19.08.2024):

The air quality is likely to be in Moderate category from 19.08.2024 to 21.08.2024. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 08-10 kmph, generally cloudy sky and very light rain/drizzle on 19.08.2024. Ventilation index is likely to be 15000 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
15-08-2024	27.2	35.4
16-08-2024	25.3	34.0
17-08-2024	27.2	35.2
18-08-2024	27.0	35.5

▪ ***Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	207	Poor	PM ₁₀
	Jahangirpuri, Delhi - DPCC	142	Moderate	PM ₁₀
	Shadipur, Delhi - CPCB	127	Moderate	PM _{2.5}
	Wazirpur, Delhi - DPCC	120	Moderate	PM ₁₀
	Pusa, Delhi - DPCC	105	Moderate	PM ₁₀
Faridabad	Sector 11, Faridabad - HSPCB	65	Satisfactory	PM ₁₀
Gurugram	Teri Gram, Gurugram - HSPCB	185	Moderate	PM _{2.5}
	Sector-51, Gurugram - HSPCB	180	Moderate	PM _{2.5}
Ghaziabad	Vasundhara, Ghaziabad - UPPCB	107	Moderate	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	126	Moderate	PM ₁₀
Noida	Sector - 125, Noida - UPPCB	96	Satisfactory	PM ₁₀
	Sector-1, Noida - UPPCB	87	Satisfactory	PM ₁₀