



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – August 12, 2024



Current Air Quality Status:

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

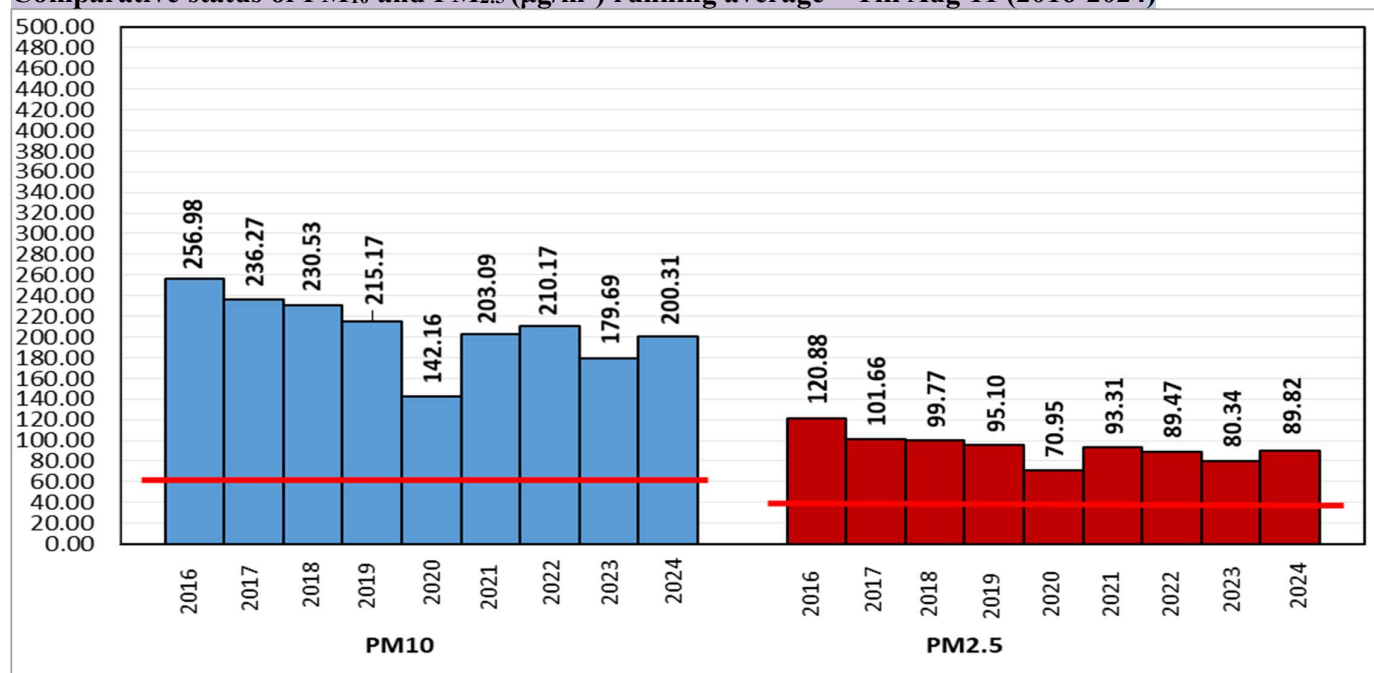
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Satisfactory	56↓	NO ₂ , PM _{2.5}	Moderate	126↑	PM _{2.5} , PM ₁₀	Satisfactory	88↑	CO, PM ₁₀
Faridabad	Good	43↓	PM _{2.5} , PM ₁₀	Moderate	141↑	PM _{2.5} , PM ₁₀	Moderate	118↑	PM ₁₀ , O ₃
Ghaziabad	Good	42↓	CO, PM _{2.5} , PM ₁₀	Moderate	140↑	PM ₁₀	Satisfactory	58↓	PM ₁₀
Greater Noida	Satisfactory	84↑	PM ₁₀	Moderate	164↑	PM ₁₀	Satisfactory	70	CO, O ₃
Gurugram	Satisfactory	86↓	CO, PM ₁₀	Moderate	118↑	PM ₁₀ , PM _{2.5}	Satisfactory	61↓	PM ₁₀ , O ₃
Noida	Good	48↓	CO, PM _{2.5}	Moderate	131↑	PM ₁₀ , PM _{2.5}	Satisfactory	73↑	CO, PM ₁₀

*Data available for 27(2024), 29(2023), 13(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 12 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	213	224	224	224	225	224	224	224	225										
Good (0-50)		0	2	0	0	1	0	0	0	0										
Satisfactory (51-100)		12	24	26	23	72	36	39	46	31	62	98	104	116	169	125	97	144	140	
Moderate (101-200)		50	72	78	93	96	89	58	98	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 11 (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 11.08.24 to 06:00 am of 12.08.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
10- Aug -2024	25↓	46↓

Hotspots for Today:

*Details given below

Delhi	IHBAS, Dilshad Garden, Anand Vihar, Shadipur, ITO, Major Dhyan Chand National Stadium	Ghaziabad	Loni, Indirapuram
Faridabad	Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Vikas Sadan	Noida	Sector-1

▪ **Forecast by IITM(Delhi):**

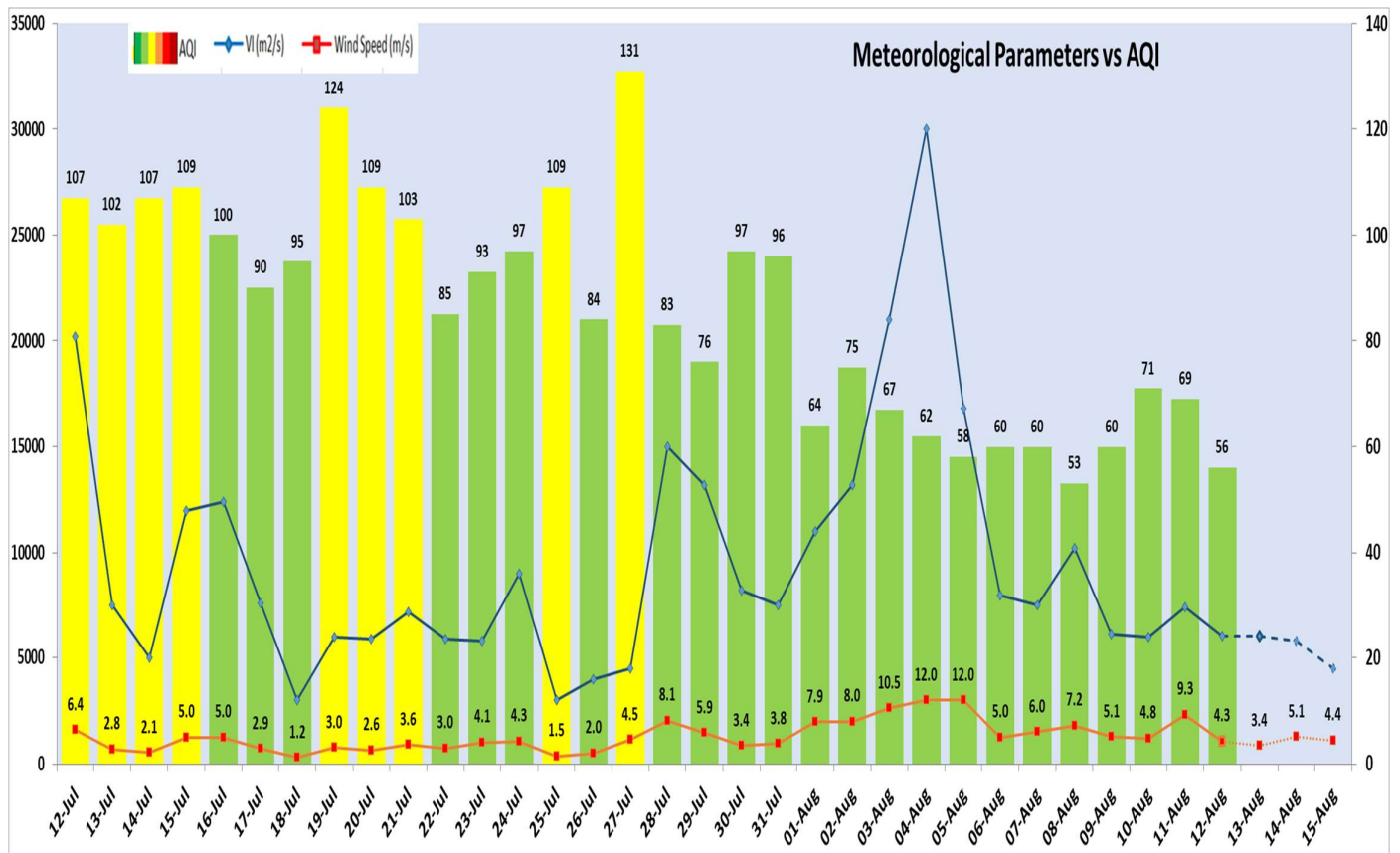
	Aug 13, 2024	Aug 14, 2024	Aug 15, 2024
AQI Category	Satisfactory	Satisfactory	Satisfactory

▪ **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 13, 2024	08-10	05	10	S	E
Aug 14, 2024	08-12	09	08	SSE/S	E
Aug 15, 2024	06-10	05	14	SSE/S	SE

▪ **IMD Alert for Tomorrow (13.08.2024):**

The air quality is likely to be in Satisfactory category from 12.08.2024 to 15.08.2024. The predominant surface wind is likely to be coming from South directions in Delhi with wind speed 08-10 kmph, generally cloudy sky and light rain/thunderstorm on 13.08.2024. Ventilation index is likely to be 6020 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
09-08-2024	26.6	34.1
10-08-2024	25.8	34.8
11-08-2024	26.0	32.8
12-08-2024	24.8	31.0

▪ ***Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	IHBAS, Dilshad Garden, Delhi - CPCB	78	Satisfactory	NO ₂
	Anand Vihar, Delhi - DPCC	76	Satisfactory	PM _{2.5}
	Shadipur, Delhi - CPCB	74	Satisfactory	PM _{2.5}
	ITO, Delhi - CPCB	71	Satisfactory	CO
	Major Dhyan Chand National Stadium, Delhi - DPCC	71	Satisfactory	NO ₂
Faridabad	Sector 11, Faridabad - HSPCB	65	Satisfactory	PM ₁₀
Gurugram	Vikas Sadan, Gurugram - HSPCB	89	Satisfactory	CO
Ghaziabad	Loni, Ghaziabad - UPPCB	50	Good	CO
	Indirapuram, Ghaziabad - UPPCB	45	Good	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	123	Moderate	PM ₁₀
Noida	Sector-1, Noida - UPPCB	62	Satisfactory	PM _{2.5}