



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – August 23, 2024



Current Air Quality Status:

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

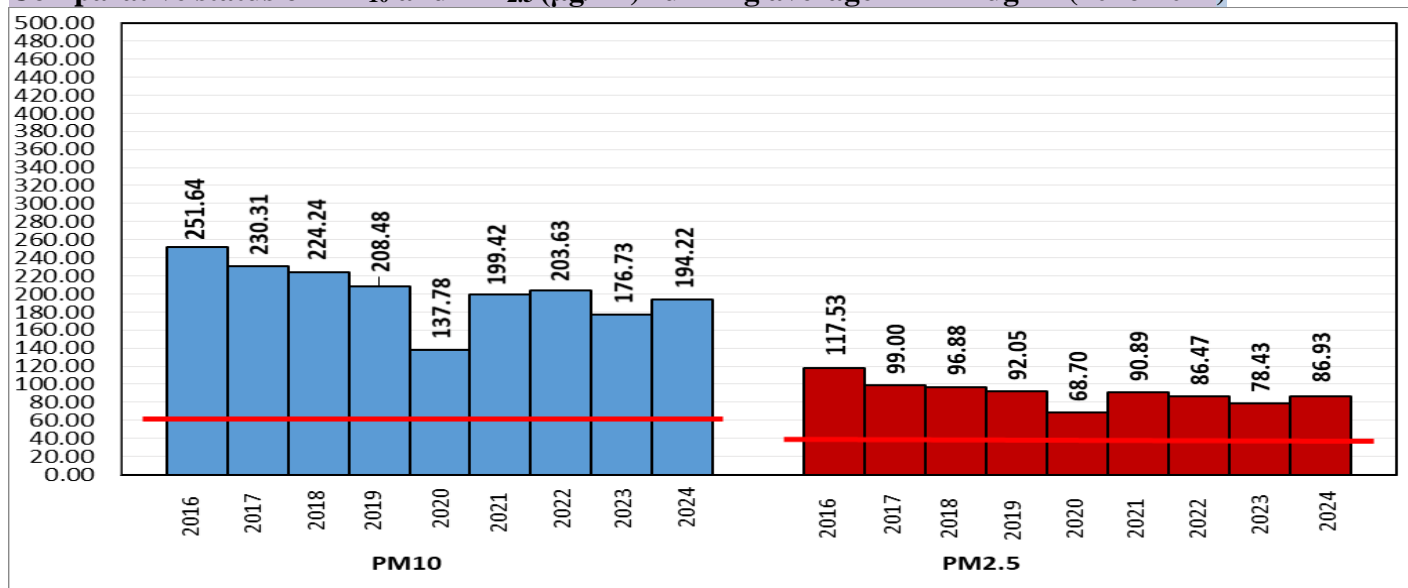
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Satisfactory	76↓	PM ₁₀ , O ₃	Satisfactory	71↓	CO, NO ₂	Satisfactory	83↓	PM ₁₀ , CO
Faridabad	Satisfactory	68↓	PM _{2.5} , PM ₁₀	Satisfactory	82↑	PM ₁₀ , PM _{2.5}	Moderate	137↓	PM _{2.5} , O ₃ , PM ₁₀
Ghaziabad	Satisfactory	77↓	PM ₁₀	Satisfactory	64↓	O ₃	Satisfactory	75↓	PM ₁₀
Greater Noida	Satisfactory	91↓	PM ₁₀	Satisfactory	53↓	PM ₁₀ , CO	Moderate	154↑	PM ₁₀ , CO
Gurugram	Satisfactory	63↓	PM _{2.5} , CO	Moderate	104↓	PM _{2.5} , CO	Satisfactory	74↓	O ₃ , PM ₁₀
Noida	Satisfactory	84↓	PM ₁₀	Satisfactory	64↓	CO	Satisfactory	75↓	PM ₁₀ , CO

*Data available for 34(2024), 33(2023), 36(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 23 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	224	235	235	235	236	235	235	235	236	73	109	115	127	180	136	108	155	151	
Good (0-50)		0	2	0	2	3	0	0	0	0										
Satisfactory (51-100)		14	31	33	32	81	39	48	49	42										
Moderate (101-200)		59	76	82	93	96	97	60	106	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 22 (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 22.08.24 to 06:00 am of 23.08.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
22- Aug -2024	26↓	80↓

Hotspots for Today: *Details given below

Delhi	Anand Vihar, North Campus, DU, Jahangirpuri, Bawana, Wazirpur	Ghaziabad	Vasundhara, Indirapuram
Faridabad	Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Sector-51, Vikas Sadan	Noida	Sector - 125

Forecast by IITM(Delhi):

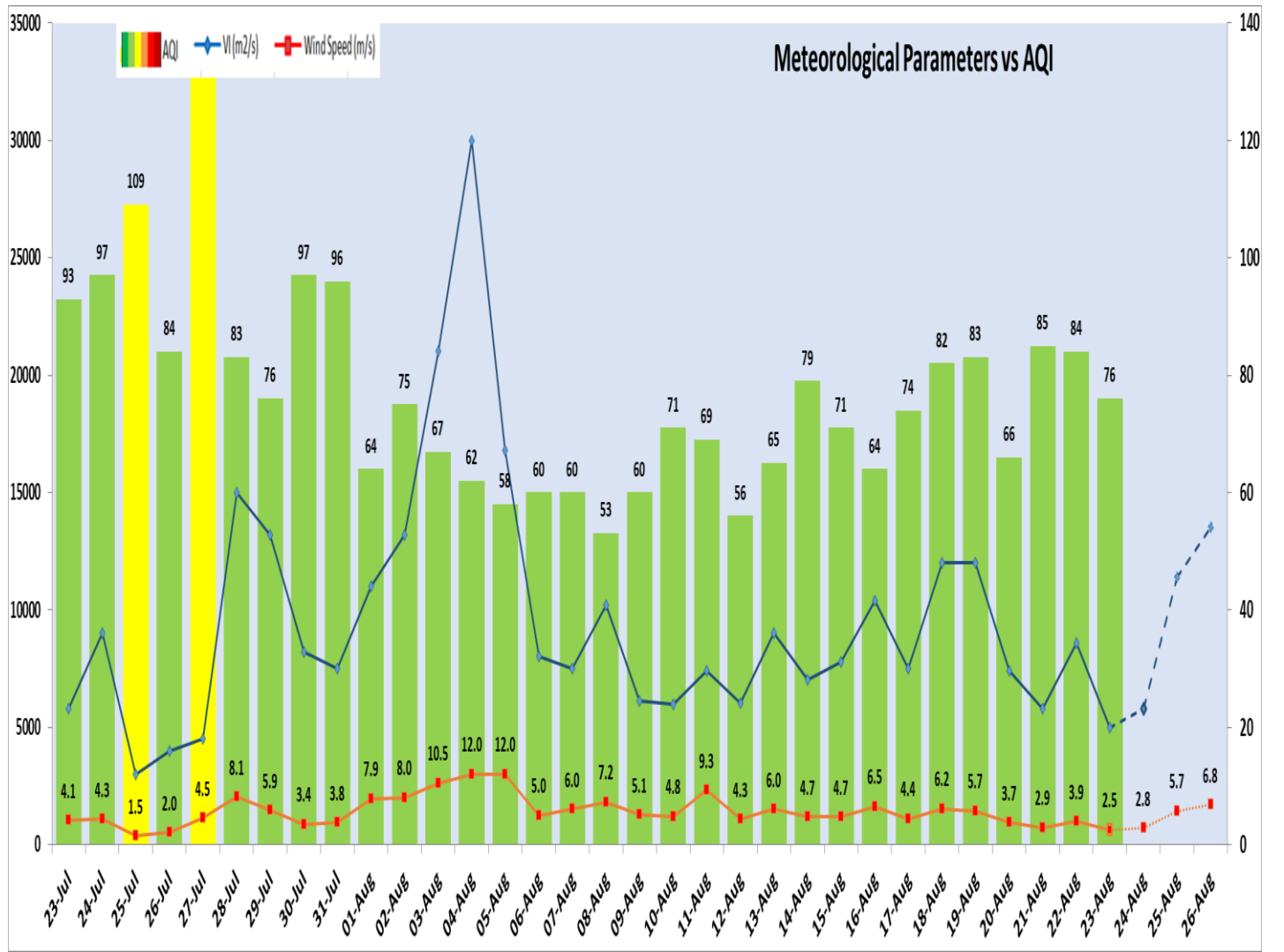
	Aug 24, 2024	Aug 25, 2024	Aug 26, 2024
AQI Category	Satisfactory	Satisfactory	Satisfactory

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 24, 2024	10-12	06	08	E/SE	NE
Aug 25, 2024	08-14	10	27	E	NE
Aug 26, 2024	14-24	14	41	SE	E

IMD Alert for Tomorrow (24.08.2024):

The air quality is likely to be in Satisfactory category from 23.08.2024 and 26.08.2024. The predominant surface wind is likely to be coming from East/Southeast directions in Delhi with wind speed 10-12 kmph, generally cloudy sky and light rain/thundershowers on 24.08.2024. Ventilation index is likely to be 5800 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
20-08-2024	23.8	35.6
21-08-2024	25.5	33.2
22-08-2024	26.6	36.2
23-08-2024	26.5	36.6

▪ ***Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	222	Poor	PM ₁₀
	North Campus, DU, Delhi - IMD	163	Moderate	Ozone
	Jahangirpuri, Delhi - DPCC	108	Moderate	PM ₁₀
	Bawana, Delhi - DPCC	98	Satisfactory	CO
	Wazirpur, Delhi - DPCC	89	Satisfactory	PM ₁₀
Faridabad	Sector 11, Faridabad - HSPCB	73	Satisfactory	PM ₁₀
Gurugram	Sector-51, Gurugram - HSPCB	78	Satisfactory	PM _{2.5}
	Vikas Sadan, Gurugram - HSPCB	75	Satisfactory	CO
Ghaziabad	Vasundhara, Ghaziabad - UPPCB	85	Satisfactory	PM ₁₀
	Indirapuram, Ghaziabad - UPPCB	79	Satisfactory	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	95	Satisfactory	PM ₁₀
Noida	Sector - 125, Noida - UPPCB	122	Moderate	PM ₁₀