



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – August 24, 2024



## Current Air Quality Status:

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

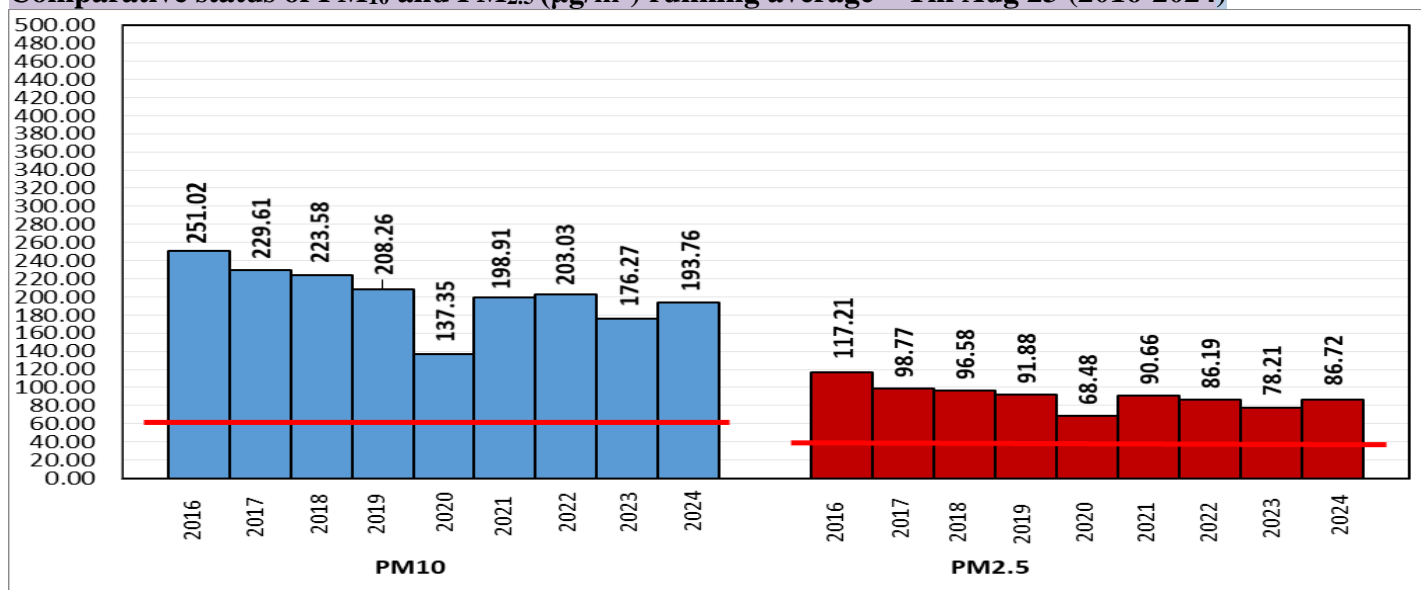
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	106↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Satisfactory	85↑	PM <sub>10</sub>	Satisfactory	63↓	CO, NO <sub>2</sub> , PM <sub>10</sub>
Faridabad	Moderate	124↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Satisfactory	73↓	PM <sub>10</sub> , PM <sub>2.5</sub>	Moderate	132↓	O <sub>3</sub> , PM <sub>10</sub>
Ghaziabad	Moderate	101↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Satisfactory	76↑	PM <sub>10</sub>	Satisfactory	63↓	PM <sub>10</sub> , CO
Greater Noida	Moderate	176↑	PM <sub>10</sub>	Satisfactory	80↑	PM <sub>10</sub>	Satisfactory	64↓	PM <sub>10</sub> , CO
Gurugram	Moderate	108↑	PM <sub>2.5</sub>	Moderate	117↑	PM <sub>2.5</sub> , CO	Satisfactory	56↓	O <sub>3</sub> , PM <sub>10</sub>
Noida	Moderate	121↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Satisfactory	76↑	CO	Good	40↓	PM <sub>10</sub> , CO

\*Data available for 36(2024), 36(2023), 35(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 24 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	225	236	236	236	237	236	236	236	237	74	110	116	128	181	137	109	156	152	
Good (0–50)		0	2	0	2	4	0	0	0	0										
Satisfactory (51–100)		15	32	34	32	81	40	49	50	42										
Moderate (101–200)		59	76	82	94	96	97	60	106	110										
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 PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average – Till Aug 23 (2016-2024)



\*Red line shows the annual average concentration standards for PM<sub>10</sub> and PM<sub>2.5</sub>.

▪ Daily Average of Particulates in Delhi (24 hourly average value; from 06:00am of 23.08.24 to 06:00 am of 24.08.24)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
23- Aug -2024	37↑	86↑

**Hotspots for Today:** \*Details given below

Delhi	Anand Vihar, R K Puram, Dwarka-Sector 8, Punjabi Bagh, Shadipur	Ghaziabad	Vasundhara, Indirapuram
Faridabad	Sector 30	Greater Noida	Knowledge Park - V
Gurugram	Sector-51	Noida	Sector - 125, Sector-1

**Forecast by IITM(Delhi):**

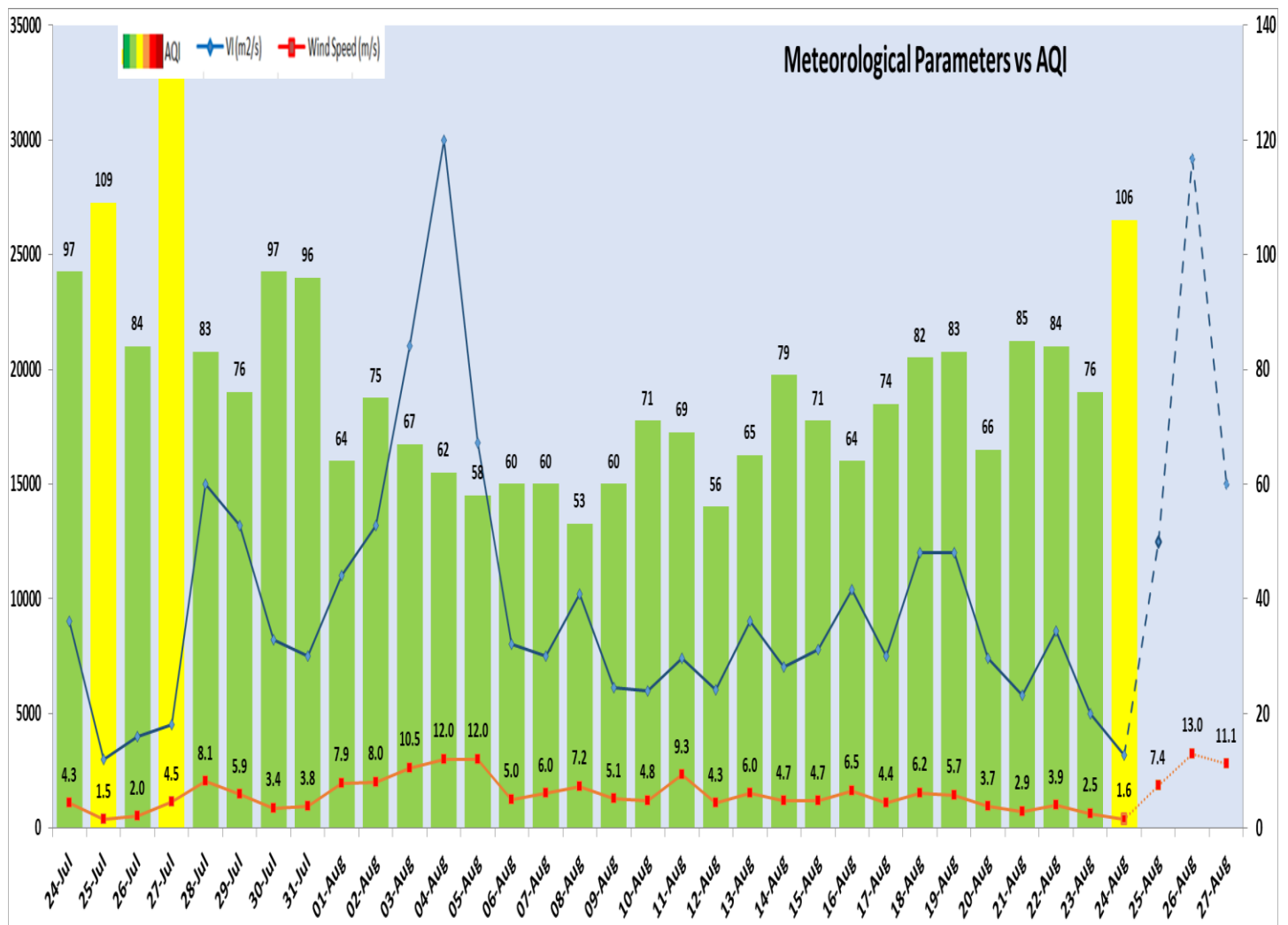
	Aug 25, 2024	Aug 26, 2024	Aug 27, 2024
<b>AQI Category</b>	Satisfactory	Satisfactory	Satisfactory

**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 25, 2024	16-20	10	34	E	E
Aug 26, 2024	24-16	15	47	ESE/SE	E
Aug 27, 2024	24-16	14	31	SE	SE

**IMD Alert for Tomorrow (25.08.2024):**

The air quality is likely to be in Moderate category on 24.08.2024 and Satisfactory category from 25.08.2024 and 27.08.2024. The predominant surface wind is likely to be coming from East directions in Delhi with wind speed 16-20 kmph, generally cloudy sky and light rain/thunderstorm accompanied with strong surface winds (speed 30-40kmph) on 25.08.2024. Ventilation index is likely to be 12500 m<sup>2</sup>/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
21-08-2024	25.5	33.2
22-08-2024	26.6	36.2
23-08-2024	26.5	36.6
24-08-2024	25.4	31.2

▪ **\*Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	160	Moderate	PM <sub>2.5</sub>
	R K Puram, Delhi - DPCC	152	Moderate	PM <sub>2.5</sub>
	Dwarka-Sector 8, Delhi - DPCC	140	Moderate	PM <sub>10</sub>
	Punjabi Bagh, Delhi - DPCC	138	Moderate	PM <sub>2.5</sub>
	Shadipur, Delhi - CPCB	133	Moderate	PM <sub>2.5</sub>
Faridabad	Sector 30, Faridabad - HSPCB	141	Moderate	PM <sub>2.5</sub>
Gurugram	Sector-51, Gurugram - HSPCB	147	Moderate	PM <sub>2.5</sub>
Ghaziabad	Vasundhara, Ghaziabad - UPPCB	124	Moderate	PM <sub>2.5</sub>
	Indirapuram, Ghaziabad - UPPCB	107	Moderate	PM <sub>10</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	206	Poor	PM <sub>10</sub>
Noida	Sector - 125, Noida - UPPCB	156	Moderate	PM <sub>10</sub>
	Sector-1, Noida - UPPCB	129	Moderate	PM <sub>2.5</sub>