



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – September 28, 2024



## Current Air Quality Status:

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

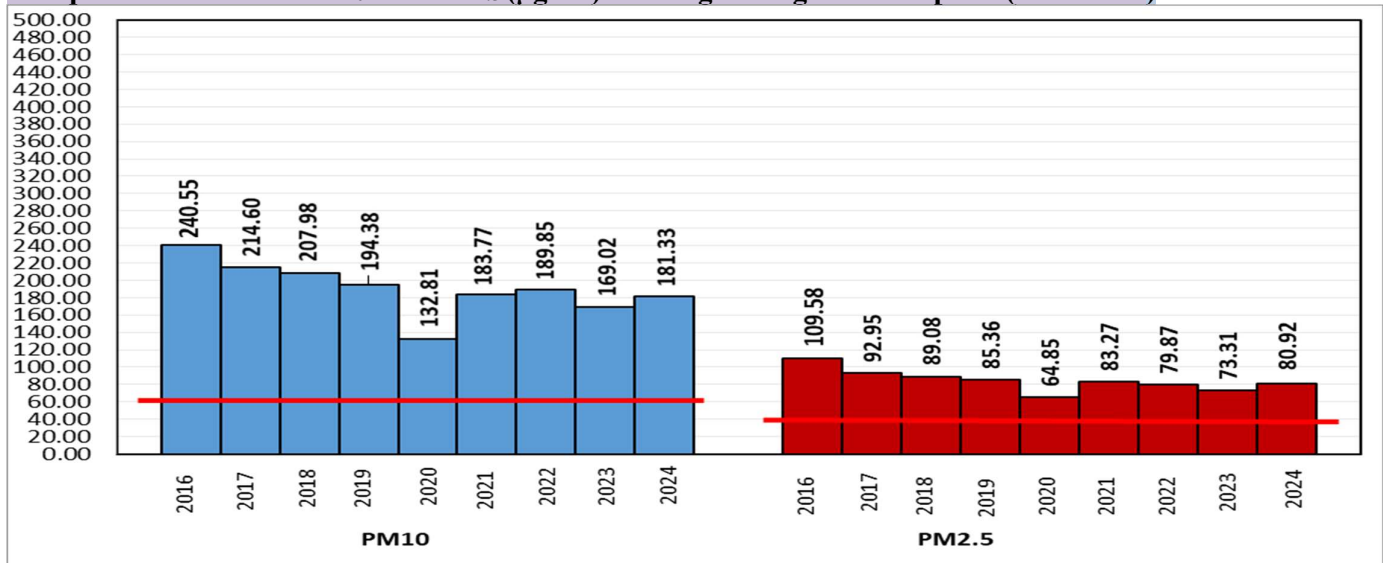
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Satisfactory	67↓	PM <sub>10</sub> , O <sub>3</sub> , CO	Moderate	137↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Moderate	140↑	PM <sub>10</sub> , PM <sub>2.5</sub> , NO <sub>2</sub>
Faridabad	Satisfactory	62↓	PM <sub>2.5</sub> , NO <sub>2</sub>	Moderate	134↑	PM <sub>10</sub> , PM <sub>2.5</sub>	Moderate	134↑	PM <sub>10</sub>
Ghaziabad	Satisfactory	60↓	PM <sub>10</sub> , CO	Moderate	138↓	PM <sub>10</sub>	Moderate	156↑	PM <sub>10</sub> , PM <sub>2.5</sub>
Greater Noida	Good	37↓	PM <sub>10</sub> , PM <sub>2.5</sub>	Poor	216↓	PM <sub>10</sub>	Moderate	174↑	PM <sub>10</sub>
Gurugram	Satisfactory	55↓	PM <sub>2.5</sub> , CO	Moderate	179↓	PM <sub>2.5</sub>	Moderate	167↑	PM <sub>10</sub> , PM <sub>2.5</sub>
Noida	Satisfactory	58↓	CO, NO <sub>2</sub>	Moderate	166↑	O <sub>3</sub>	Moderate	151↑	PM <sub>2.5</sub> , PM <sub>10</sub>

\*Data available for 37(2024), 32(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 28 Sept 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	260	271	271	271	272	271	271	271	272										
Good (0-50)		0	2	0	2	5	0	1	1	0										
Satisfactory (51-100)		23	45	53	51	95	67	61	59	65	104	143	150	163	216	172	144	191	186	
Moderate (101-200)		81	96	97	110	116	105	82	131	121										
Poor (201-300)		96	92	87	74	39	59	105	56	50										
Very Poor (301-400)		54	36	28	27	15	34	21	21	33	156	128	121	108	56	99	127	80	86	
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 Sept 27 (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 27.09.24 to 06:00 am of 28.09.24)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
27- Sept -2024	15↓	56↓

**Hotspots for Today:**

*\*Details given below*

Delhi	Nehru Nagar, Wazirpur, Aya Nagar, Dr. Karni Singh Shooting Range, IHBAS, Dilshad Garden	Ghaziabad	Indirapuram, Loni
Faridabad	Sector 11	Greater Noaqrda	Knowledge Park - V
Gurugram	Sector-51, Vikas Sadan	Noida	Sector – 1, Sector-125

**Forecast by IITM(Delhi):**

	Sept 29, 2024	Sept 30, 2024	Oct 01, 2024
<b>AQI Category</b>	Satisfactory	Moderate	Moderate

**Wind Forecast for Delhi:**

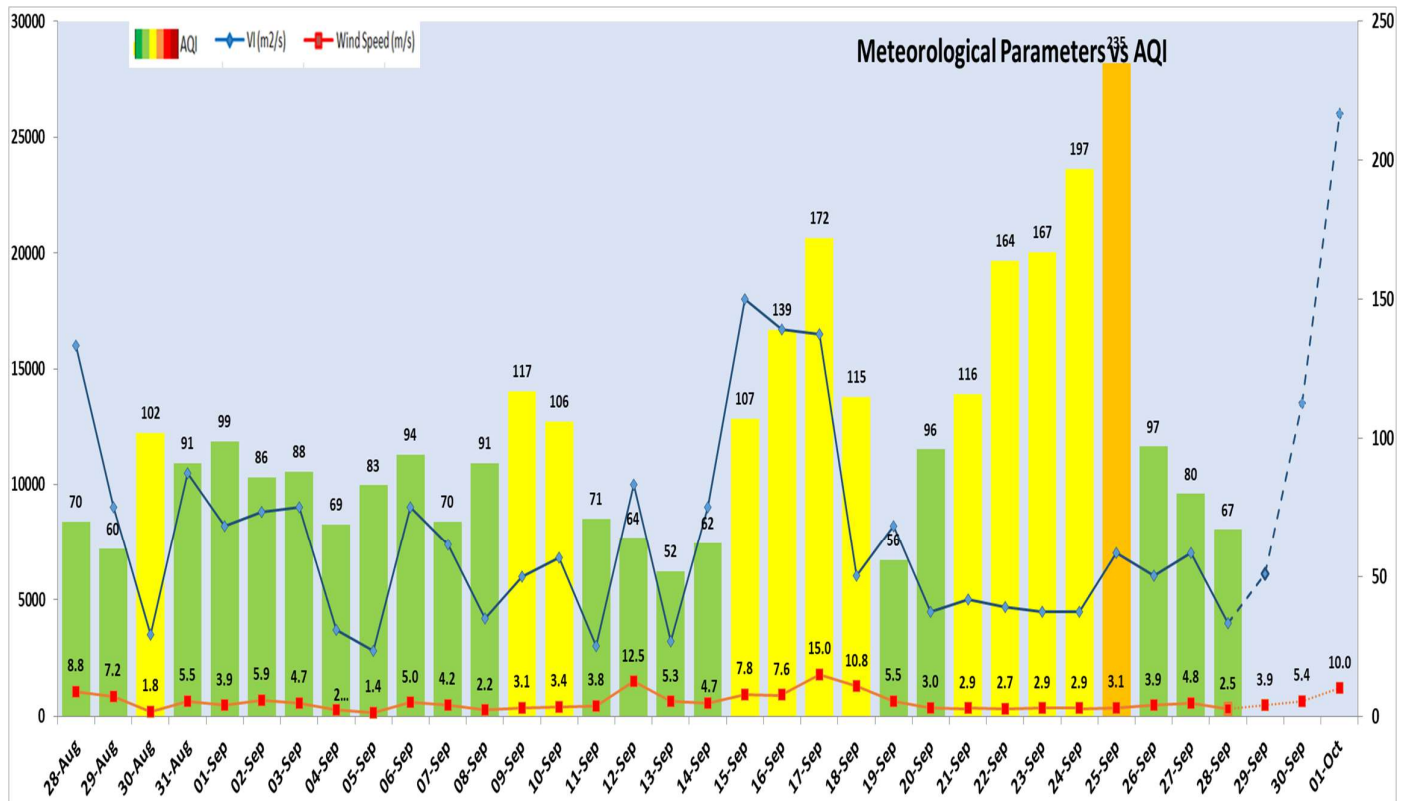
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Sept 29, 2024	10-08	02	07	VAR	N
Sept 30, 2024	04-12	06	25	VAR	NW
Oct 01, 2024	UPTO 12	06	34	VAR	W

**IMD Alert for Tomorrow (29.09.2024):**

The air quality is likely to be in Satisfactory category from 28.09.204 to 29.09.2024. The predominant surface wind is likely to be coming from variable directions in Delhi with wind speed 10-08 kmph and partly cloudy sky on 29.09.2024. Ventilation index is likely to be 6100 m<sup>2</sup>/s.

**Active Fire Events (AFE):**

Date	Punjab		Haryana	
	No. of AFE on the day	Total AFE since September 15	No. of AFE on the day	Total AFE since September 15
27.09.2024	00	98	05	80
27.09.2023	21	32	09	24
27.09.2022	00	139	00	01



Delhi Temperature in (°C)		
Date	Minimum	Maximum
25-09-2024	26.8	37.4
26-09-2024	25.6	37.3
27-09-2024	27.7	35.7
28-09-2024	25.2	34.2

▪ **\*Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Nehru Nagar, Delhi - DPCC	156	Moderate	Ozone
	Wazirpur, Delhi - DPCC	109	Moderate	PM <sub>10</sub>
	Aya Nagar, Delhi - IMD	96	Satisfactory	CO
	Dr. Karni Singh Shooting Range, Delhi - DPCC	90	Satisfactory	CO
	IHBAS, Dilshad Garden, Delhi - CPCB	88	Satisfactory	NO <sub>2</sub>
Faridabad	Sector 11, Faridabad - HSPCB	91	Satisfactory	PM <sub>2.5</sub>
Gurugram	Sector-51, Gurugram - HSPCB	75	Satisfactory	PM <sub>2.5</sub>
	Vikas Sadan, Gurugram - HSPCB	66	Satisfactory	CO
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	85	Satisfactory	CO
	Loni, Ghaziabad - UPPCB	66	Satisfactory	PM <sub>10</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	60	Satisfactory	PM <sub>10</sub>
Noida	Sector-1, Noida - UPPCB	95	Satisfactory	CO
	Sector - 125, Noida - UPPCB	59	Satisfactory	NO <sub>2</sub>