



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 13, 2024



## Current Air Quality Status:

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

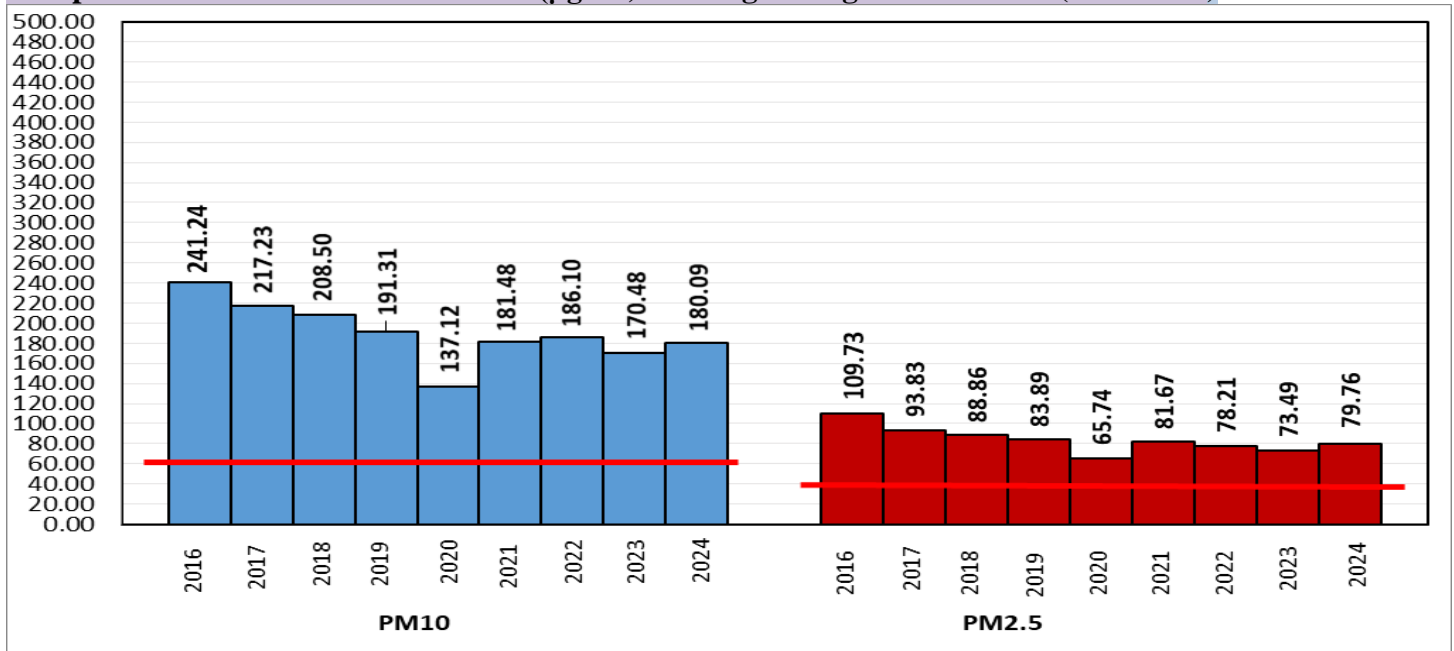
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	224↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Poor	256↑	PM <sub>10</sub> , PM <sub>2.5</sub>	Moderate	130↓	PM <sub>10</sub> , PM <sub>2.5</sub>
Faridabad	Moderate	177↑	CO, PM <sub>10</sub>	Poor	218↑	PM <sub>10</sub> , PM <sub>2.5</sub>	Moderate	144↓	PM <sub>10</sub> , PM <sub>2.5</sub>
Ghaziabad	Poor	265↑	PM <sub>2.5</sub>	Poor	218↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Moderate	136↓	PM <sub>10</sub> , PM <sub>2.5</sub>
Greater Noida	Poor	228↑	PM <sub>10</sub> , PM <sub>2.5</sub>	Poor	288↑	PM <sub>10</sub>	Moderate	160↓	PM <sub>10</sub>
Gurugram	Moderate	169↑	PM <sub>2.5</sub>	Moderate	177↑	PM <sub>2.5</sub>	Moderate	126↑	PM <sub>10</sub> , PM <sub>2.5</sub>
Noida	Poor	243↑	PM <sub>10</sub> , PM <sub>2.5</sub>	Poor	250↑	PM <sub>2.5</sub> , NO <sub>2</sub>	Moderate	147↓	CO, PM <sub>10</sub>

\*Data available for 34(2024), 35(2023), 30(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 13 Oct 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	275	286	286	286	287	286	286	286	287	110	149	156	174	224	187	158	202	200	
Good (0-50)		0	2	0	2	5	0	3	1	0										
Satisfactory (51-100)		23	45	53	57	95	70	65	59	66										
Moderate (101-200)		87	102	103	115	124	117	90	142	134										
Poor (201-300)		102	98	94	76	46	59	106	60	51										
Very Poor (301-400)		56	39	30	29	15	34	21	21	33	165	137	130	112	63	99	128	84	87	
Severe (>401)		7	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 Oct 12 (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 12.10.24 to 06:00 am of 13.10.24)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
12- Oct -2024	89↑	212↑

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

Delhi	Anand Vihar, Nehru Nagar, Shadipur, Patparganj, Vivek Vihar	Ghaziabad	Loni, Indrapuram
Faridabad	New Industrial Town, Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Sector-51	Noida	Sector-1, Sector-116, Sector - 125

**Forecast by IITM(Delhi):**

	Oct 14, 2024	Oct 15, 2024	Oct 16, 2024
<b>AQI Category</b>	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
Oct 14, 2024	08 TO 10	08	15	NW	NW
Oct 15, 2024	04 TO 12	08	26	VAR	NW
Oct 16, 2024	08 TO 14	07	17	VAR	W

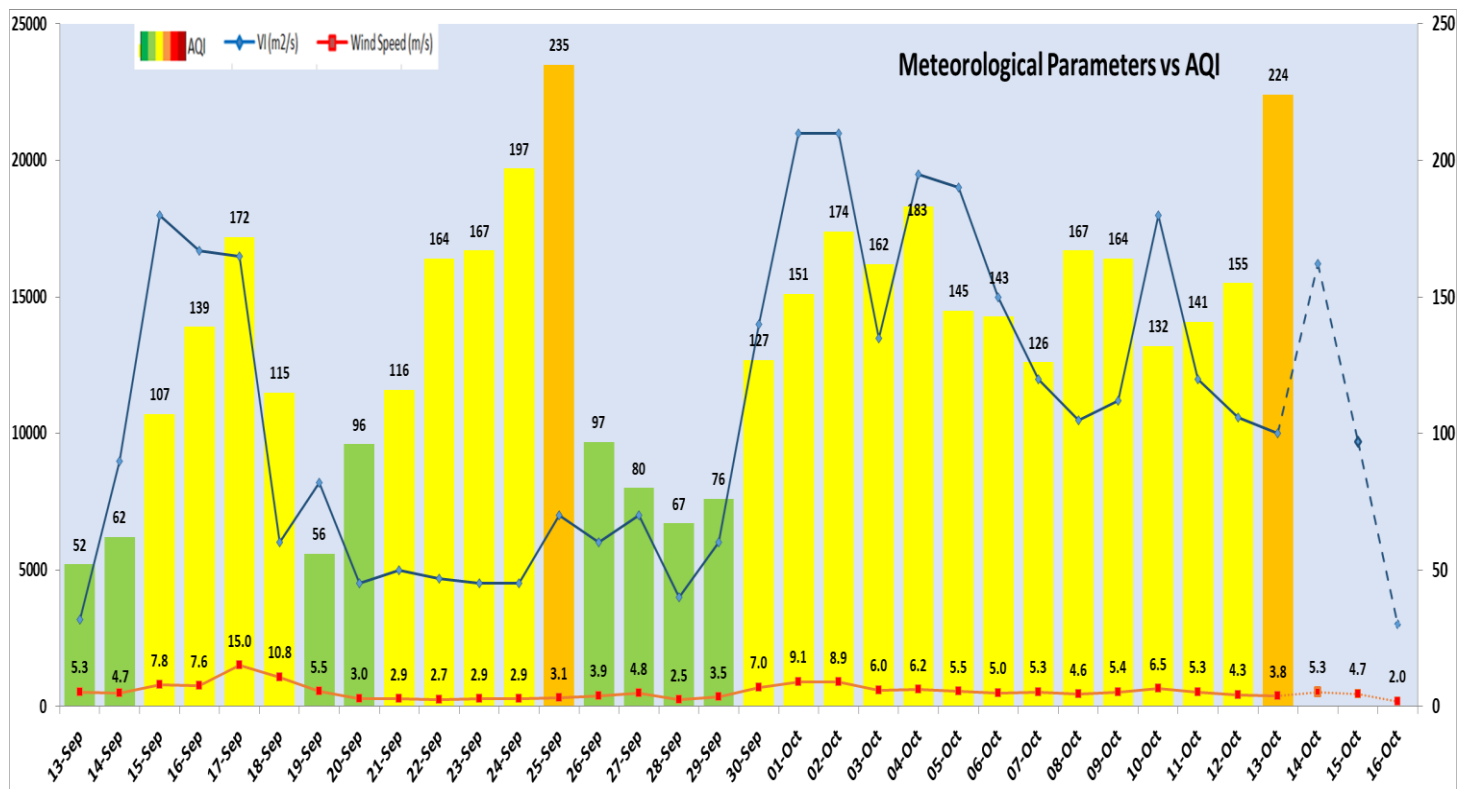
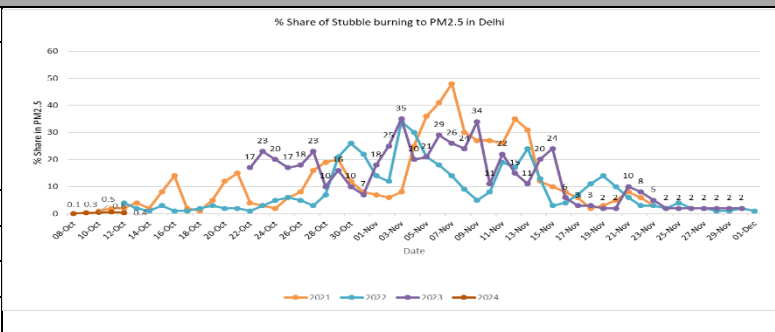
**IMD Alert for Tomorrow (14.10.2024):**

The air quality is likely to remain in Moderate category from 14.10.2024 to 16.10.2024. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 08-10 kmph and partly cloudy sky on 14.10.2024. Ventilation index is likely to be 16200 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
12.10.2024	177	710	98	378
12.10.2023	13	1076	05	345
12.10.2022	104	867	04	87

\*As per IITM, the impact of stubble burning is ~ 0.4%



Delhi Temperature in (°C)		
Date	Minimum	Maximum
10-10-2024	23.1	34.6
11-10-2024	20.3	34.5
12-10-2024	18.6	33.6
13-10-2024	18.6	34.4

▪ **\*Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	374	Very Poor	PM <sub>10</sub>
	Nehru Nagar, Delhi - DPCC	271	Poor	PM <sub>2.5</sub>
	Shadipur, Delhi - CPCB	268	Poor	PM <sub>10</sub>
	Patparganj, Delhi - DPCC	262	Poor	PM <sub>10</sub>
	Vivek Vihar, Delhi - DPCC	262	Poor	PM <sub>2.5</sub>
Faridabad	New Industrial Town, Faridabad - HSPCB	231	Poor	PM <sub>10</sub>
	Sector 11, Faridabad - HSPCB	231	Poor	PM <sub>10</sub>
Gurugram	Sector-51, Gurugram - HSPCB	258	Poor	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	329	Very Poor	PM <sub>2.5</sub>
	Indirapuram, Ghaziabad - UPPCB	268	Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	268	Poor	PM <sub>2.5</sub>
Noida	Sector-1, Noida - UPPCB	257	Poor	PM <sub>2.5</sub>
	Sector-116, Noida - UPPCB	254	Poor	PM <sub>10</sub>
	Sector - 125, Noida - UPPCB	245	Poor	PM <sub>2.5</sub>