



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 18, 2024



## Current Air Quality Status:

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

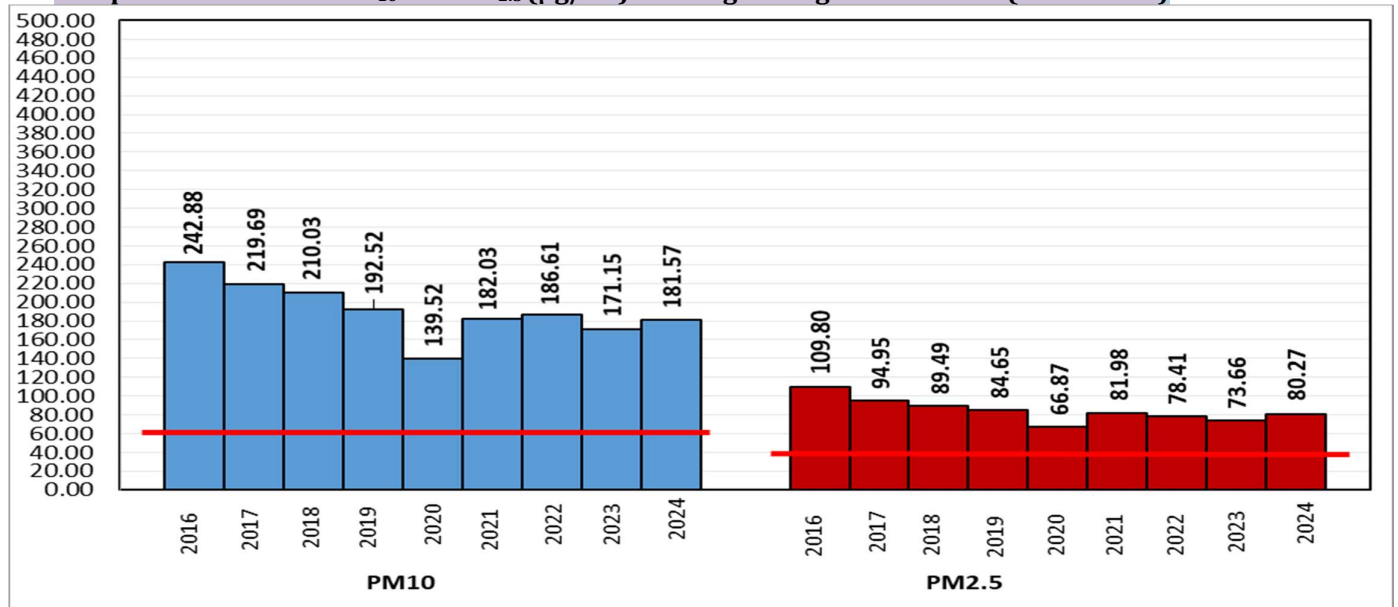
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	292↑	PM <sub>10</sub>	Moderate	129↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Poor	241↑	PM <sub>10</sub> , PM <sub>2.5</sub>
Faridabad	Poor	242↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Moderate	140↑	PM <sub>2.5</sub>	Poor	258↓	PM <sub>10</sub> , O <sub>3</sub>
Ghaziabad	Poor	258↑	PM <sub>2.5</sub>	Moderate	107↑	PM <sub>10</sub>	Poor	254↑	PM <sub>10</sub> , PM <sub>2.5</sub> , O <sub>3</sub>
Greater Noida	Poor	264↑	PM <sub>10</sub>	Moderate	156↑	PM <sub>10</sub>	Poor	216↓	O <sub>3</sub> , PM <sub>2.5</sub>
Gurugram	Poor	204↑	PM <sub>2.5</sub>	Moderate	149↑	PM <sub>2.5</sub>	Poor	258↑	PM <sub>2.5</sub>
Noida	Poor	242	PM <sub>2.5</sub> , PM <sub>10</sub>	Moderate	129↑	CO	Poor	242↓	PM <sub>10</sub> , PM <sub>2.5</sub>

\*Data available for 36(2024), 33(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 18 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	280	291	291	291	292	291	291	291	292										
Good (0-50)		0	2	0	2	5	1	3	1	0										
Satisfactory (51-100)		23	45	53	57	95	70	65	60	66	110	149	157	174	224	190	160	204	201	
Moderate (101-200)		87	102	104	115	124	119	92	143	135										
Poor (201-300)		107	102	98	81	50	61	109	63	55										
Very Poor (301-400)		56	40	30	29	16	34	21	21	33	170	142	134	117	68	101	131	87	91	
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 17 (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 17.10.24 to 06:00 am of 18.10.24)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
17- Oct -2024	139↑	328↑

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

Delhi	Wazirpur, Mundka, Rohini, Jahangirpuri, Anand Vihar	Ghaziabad	Loni, Sanjay Nagar
Faridabad	Sector 11, New Industrial Town	Greater Noida	Knowledge Park – III
Gurugram	Teri Gram	Noida	Sector – 62, Sector - 116

▪ **Forecast by IITM(Delhi):**

	Oct 19, 2024	Oct 20, 2024	Oct 21, 2024
<b>AQI Category</b>	Poor	Very Poor	Very Poor

▪ **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 19, 2024	12-14	03	17	E	W
Oct 20, 2024	12-16	02	04	SE/E	W
Oct 21, 2024	10-12	03	06	E/SE	W

▪ **IMD Alert for Tomorrow (19.10.2024):**

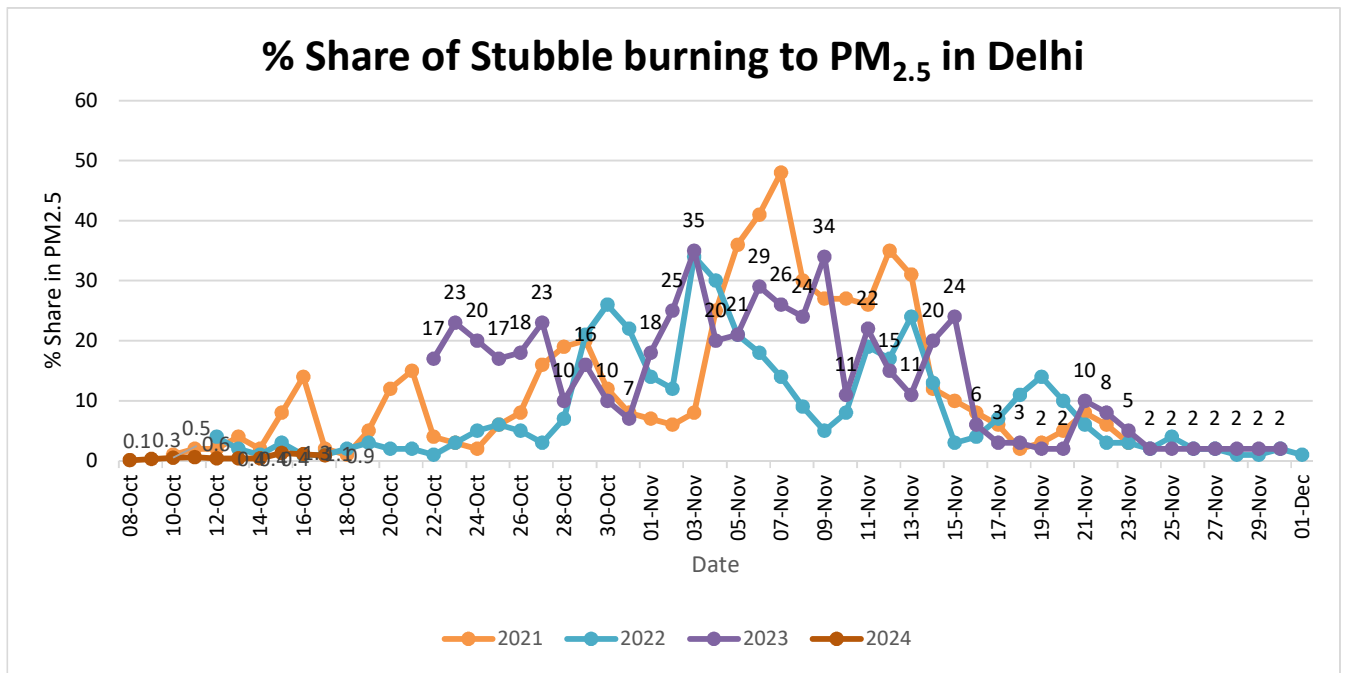
The air quality is likely to be in Poor category on 18.10.2024 and 19.10.2024. The predominant surface wind is likely to be coming from East directions in Delhi with wind speed 12-14 kmph and mainly clear sky on 19.10.2024. Ventilation index is likely to be 2900 m<sup>2</sup>/s.

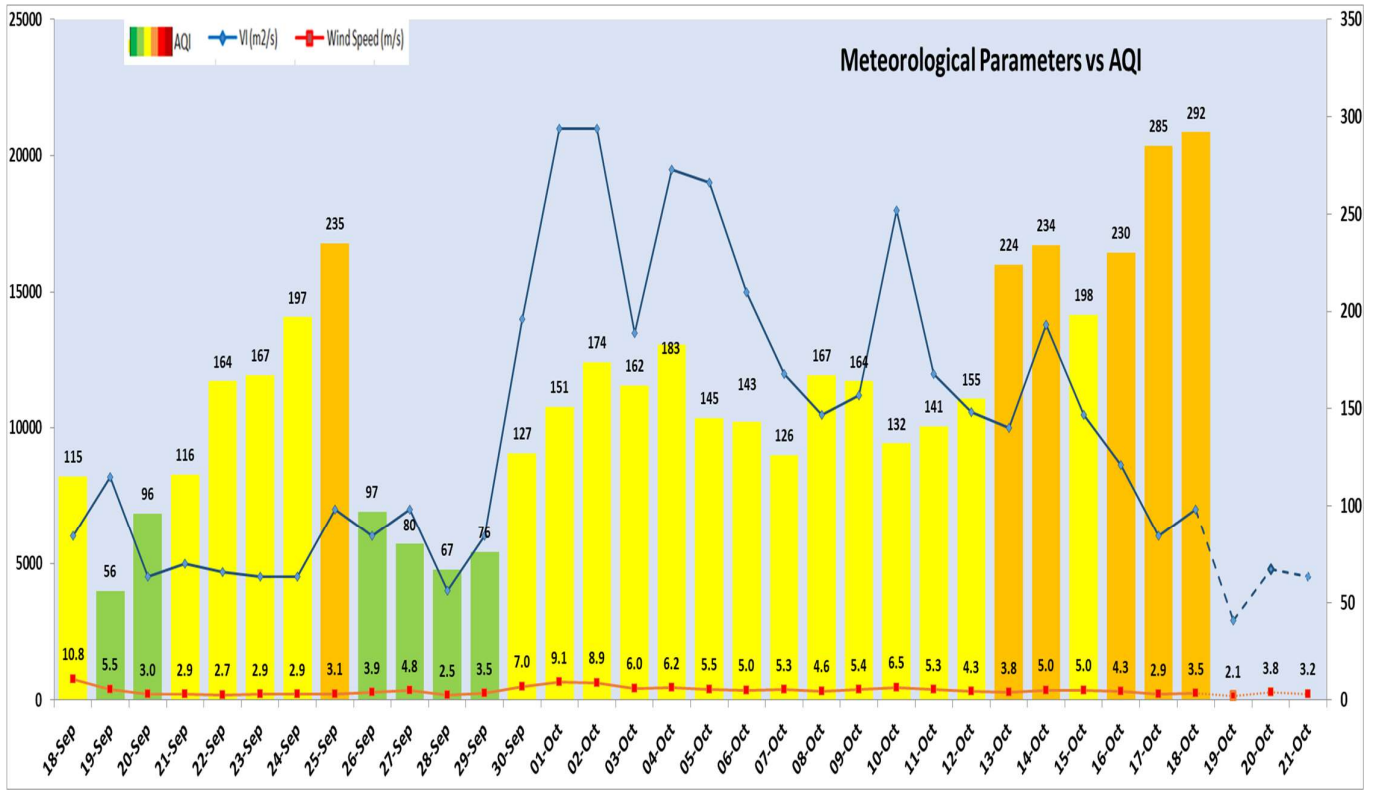
▪ **Active Fire Events (AFEs):**

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
17.10.2024	77	1289	28	601
17.10.2023	01	1389	00	546
17.10.2022	403	1847	86	330

▪ **% Share of Stubble burning to PM<sub>2.5</sub> in Delhi**

17.10.2024 \*As per IITM, the impact of stubble burning is ~ 0.9 %





### Delhi Temperature in (°C)

Date	Minimum	Maximum
15-10-2024	17.4	34.4
16-10-2024	19.0	34.2
17-10-2024	20.3	35.4
18-10-2024	19.5	36.2

### \*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Wazirpur, Delhi - DPCC	390	Very Poor	PM <sub>10</sub>
	Mundka, Delhi - DPCC	381	Very Poor	PM <sub>10</sub>
	Rohini, Delhi - DPCC	366	Very Poor	PM <sub>10</sub>
	Jahangirpuri, Delhi - DPCC	365	Very Poor	PM <sub>10</sub>
	Anand Vihar, Delhi - DPCC	352	Very Poor	PM <sub>2.5</sub>
Faridabad	Sector 11, Faridabad - HSPCB	361	Very Poor	PM <sub>2.5</sub>
	New Industrial Town, Faridabad - HSPCB	291	Poor	PM <sub>10</sub>
Gurugram	Teri Gram, Gurugram - HSPCB	220	Poor	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	324	Very Poor	PM <sub>2.5</sub>
	Sanjay Nagar, Ghaziabad - UPPCB	259	Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	273	Poor	PM <sub>10</sub>
Noida	Sector - 62, Noida - IMD	255	Poor	PM <sub>10</sub>
	Sector-116, Noida - UPPCB	253	Poor	PM <sub>2.5</sub>