



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 24, 2024



## Current Air Quality Status:

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

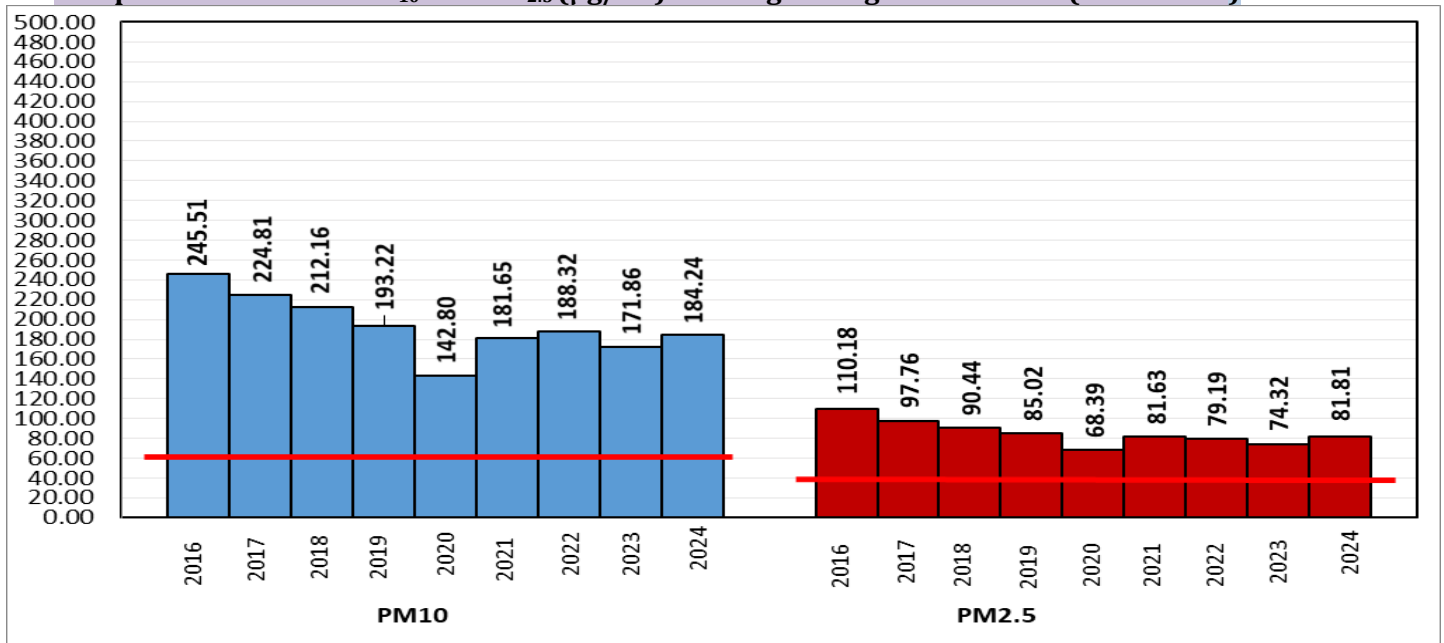
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	306↓	PM <sub>10</sub>	Poor	220↓	CO, PM <sub>2.5</sub>	Very Poor	312↑	PM <sub>10</sub> , PM <sub>2.5</sub>
Faridabad	Moderate	142↓	PM <sub>10</sub> , PM <sub>2.5</sub>	Moderate	179↓	PM <sub>10</sub>	Poor	254↑	PM <sub>2.5</sub>
Ghaziabad	Poor	272↓	PM <sub>2.5</sub>	Poor	218↓	PM <sub>2.5</sub> , O <sub>3</sub>	Poor	300↑	PM <sub>10</sub> , PM <sub>2.5</sub>
Greater Noida	Poor	214↓	PM <sub>2.5</sub>	Poor	248↓	PM <sub>2.5</sub>	Poor	274↑	PM <sub>2.5</sub>
Gurugram	Poor	239↓	PM <sub>2.5</sub>	Moderate	158↓	PM <sub>2.5</sub>	Very Poor	322↑	PM <sub>2.5</sub>
Noida	Moderate	169↓	PM <sub>10</sub> , PM <sub>2.5</sub>	Moderate	170↓	PM <sub>10</sub>	Very Poor	305↑	PM <sub>10</sub> , PM <sub>2.5</sub>

\*Data available for 33(2024), 34(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 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	286	297	297	297	298	297	297	297	298	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Good (0–50)		0	2	0	2	5	1	3	1	0										
Satisfactory (51–100)		23	45	53	57	95	71	65	60	66	110	149	157	175	224	195	160	206	201	
Moderate (101–200)		87	102	104	116	124	123	92	145	135										
Poor (201–300)		113	103	102	85	54	62	114	66	57										
Very Poor (301–400)		56	44	32	30	18	34	22	22	37	176	148	140	122	74	102	137	91	97	
Severe (>401)		7	1	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 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 23.10.24 to 06:00 am of 24.10.24)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
23-Oct -2024	186↓	328↓

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

Delhi	Anand Vihar, NSIT Dwarka, Jahangirpuri, Bawana, R K Puram	Ghaziabad	Loni
Faridabad	New Industrial Town, Sector 30	Greater Noida	Knowledge Park – V
Gurugram	Sector -51	Noida	Sector – 62, Sector - 1

**Forecast by IITM(Delhi):**

	Oct 25, 2024	Oct 26, 2024	Oct 27, 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 25, 2024	04-18	08	33	NW/NE	NW
Oct 26, 2024	04-08	08	22	NE/SE	NW
Oct 27, 2024	10-12	02	02	SE	N

**IMD Alert for Tomorrow (25.10.2024):**

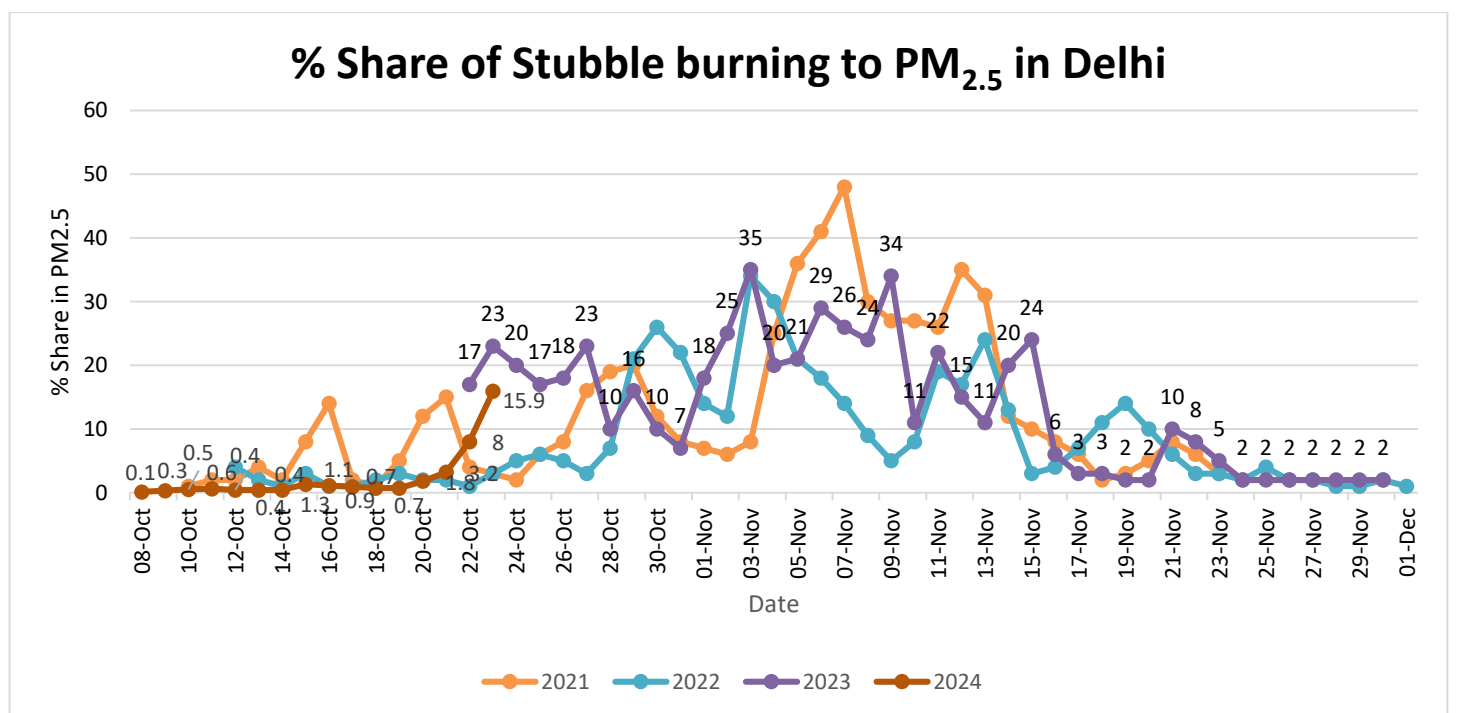
The air quality is likely to be in Poor category on 25.10.2024. The predominant surface wind is likely to be Northwest/Northeast directions in Delhi with wind speed 04-18 kmph and mainly clear sky on 25.10.2024. Ventilation index is likely to be 10500 m<sup>2</sup>/s.

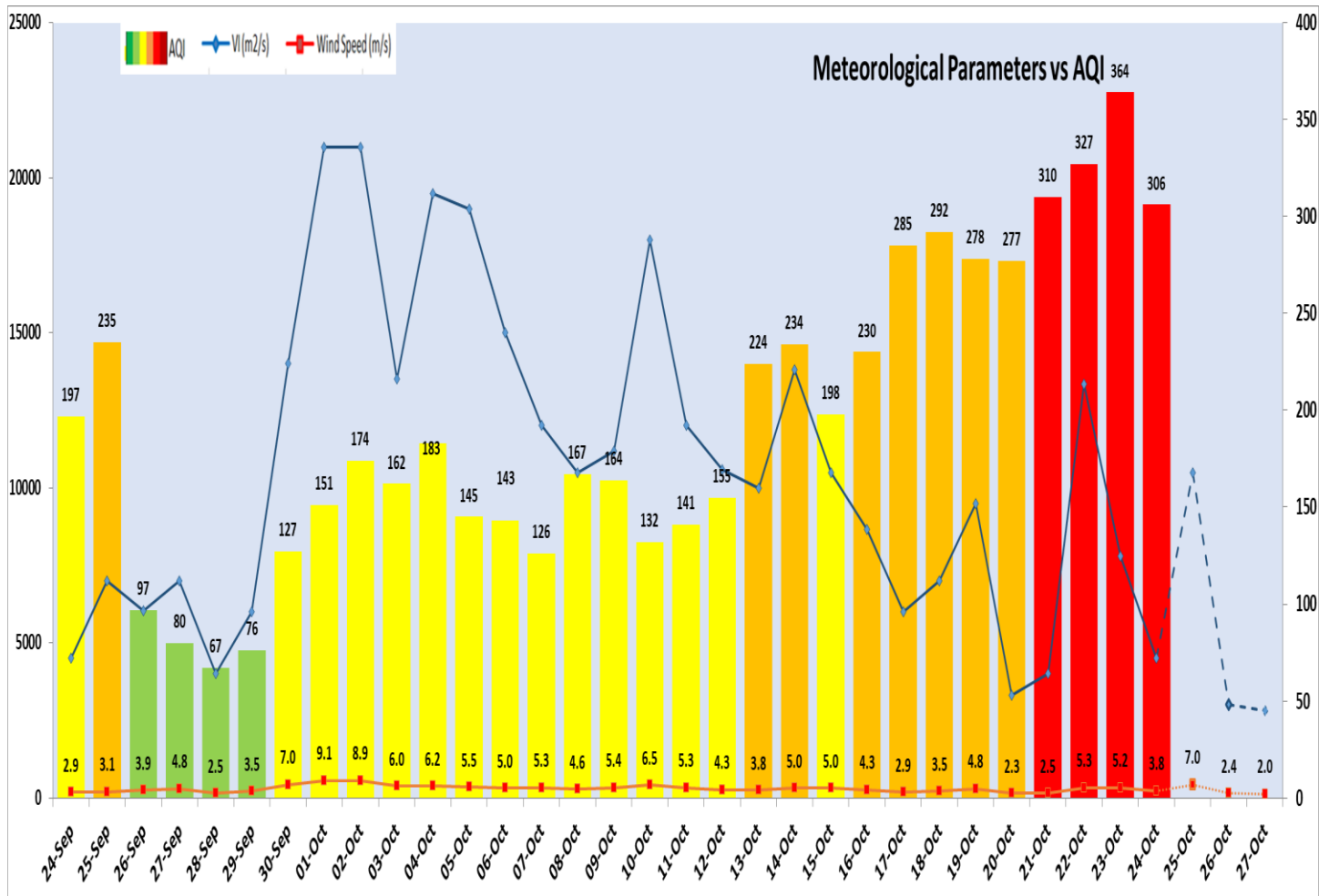
**Active Fire Events (AFE):**

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
23.10.2024	57	1638	15	680
23.10.2023	152	1946	29	743
23.10.2022	902	4598	217	1110

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

23.10.2024 \*As per IITM, the impact of stubble burning is ~ 15.9 %





Date	Minimum	Maximum
21-10-2024	20.4	35.8
22-10-2024	20.4	34.7
23-10-2024	20.5	34.0
24-10-2024	20.7	33.1

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	363	Very Poor	PM <sub>10</sub>
	NSIT Dwarka, Delhi - CPCB	356	Very Poor	PM <sub>10</sub>
	Jahangirpuri, Delhi - DPCC	349	Very Poor	PM <sub>10</sub>
	Bawana, Delhi - DPCC	348	Very Poor	PM <sub>2.5</sub>
	R K Puram, Delhi - DPCC	346	Very Poor	PM <sub>2.5</sub>
Faridabad	New Industrial Town, Faridabad - HSPCB	169	Moderate	PM <sub>10</sub>
	Sector 30, Faridabad - HSPCB	148	Moderate	PM <sub>2.5</sub>
Gurugram	Sector-51, Gurugram - HSPCB	264	Poor	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	301	Very Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	234	Poor	PM <sub>2.5</sub>
Noida	Sector - 62, Noida - IMD	282	Poor	PM <sub>2.5</sub>
	Sector-1, Noida - UPPCB	183	Moderate	PM <sub>2.5</sub>