



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 23, 2024



## Current Air Quality Status:

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

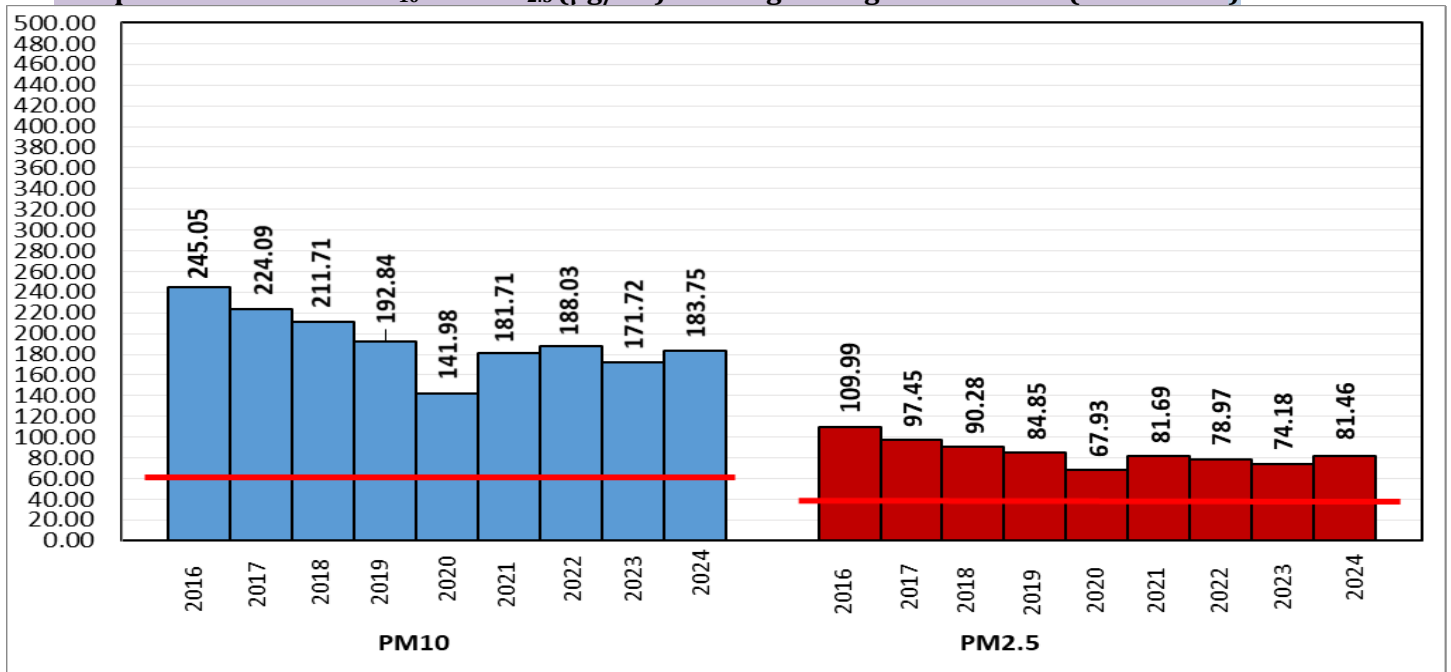
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	364↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Poor	263↓	PM <sub>2.5</sub>	Poor	259↓	PM <sub>10</sub> , PM <sub>2.5</sub>
Faridabad	Poor	238↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Poor	256↓	PM <sub>2.5</sub>	Moderate	200↓	PM <sub>10</sub> , PM <sub>2.5</sub>
Ghaziabad	Very Poor	305↑	PM <sub>2.5</sub>	Poor	220↓	PM <sub>2.5</sub>	Poor	270↓	PM <sub>2.5</sub>
Greater Noida	Poor	254↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Poor	299↓	PM <sub>2.5</sub>	Poor	202↓	PM <sub>10</sub> , PM <sub>2.5</sub>
Gurugram	Poor	247↑	PM <sub>2.5</sub>	Moderate	182↓	PM <sub>2.5</sub>	Poor	251↑	PM <sub>2.5</sub>
Noida	Poor	300↑	PM <sub>2.5</sub>	Poor	229↓	PM <sub>10</sub>	Poor	236↓	PM <sub>10</sub> , PM <sub>2.5</sub>

\*Data available for 31(2024), 32(2023), 31(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 23 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	285	296	296	296	297	296	296	296	297										
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	194	160	206	201	
Moderate (101–200)		87	102	104	116	124	122	92	145	135										
Poor (201–300)		112	103	101	84	54	62	114	65	57										
Very Poor (301–400)		56	43	32	30	17	34	21	22	36	175	147	139	121	73	102	136	90	96	
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 22 (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 22.10.24 to 06:00 am of 23.10.24)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
22-Oct -2024	188↑	347↑

Hotspots for Today:		*Details given below	
Delhi	Jahangirpuri, Anand Vihar, Vivek Vihar, Bawana, NSIT Dwarka	Ghaziabad	Vasundhara, Indirapuram, Loni
Faridabad	New Industrial Town, Sector 11, Sector- 16A	Greater Noida	Knowledge Park - III
Gurugram	Vikas Sadan	Noida	Sector – 116, Sector - 1

Forecast by IITM(Delhi):			
	Oct 24, 2024	Oct 25, 2024	Oct 26, 2024
<b>AQI Category</b>	Very Poor	Very Poor	Very Poor

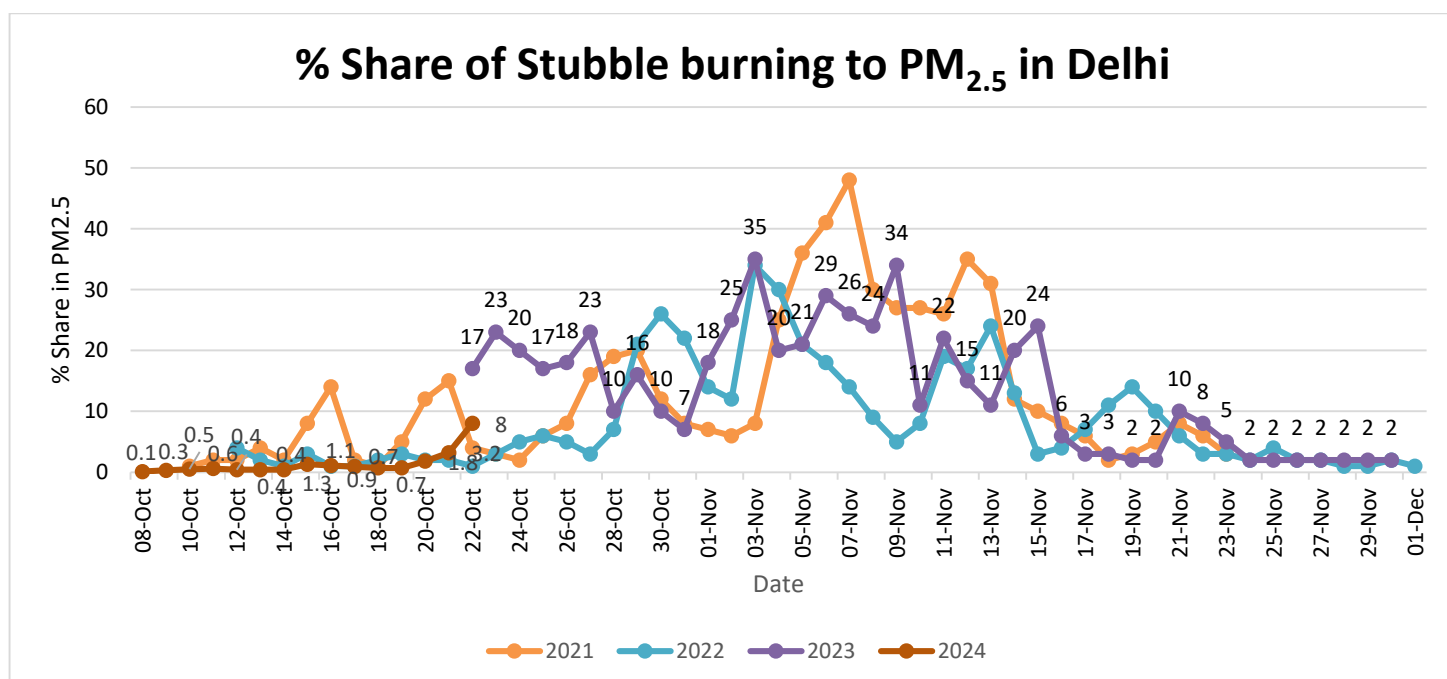
Wind Forecast for Delhi:					
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Oct 24, 2024	06-12	07	21	NNW/N	N
Oct 25, 2024	06-14	09	33	VAR	NW
Oct 26, 2024	06-08	09	24	ESE	NW

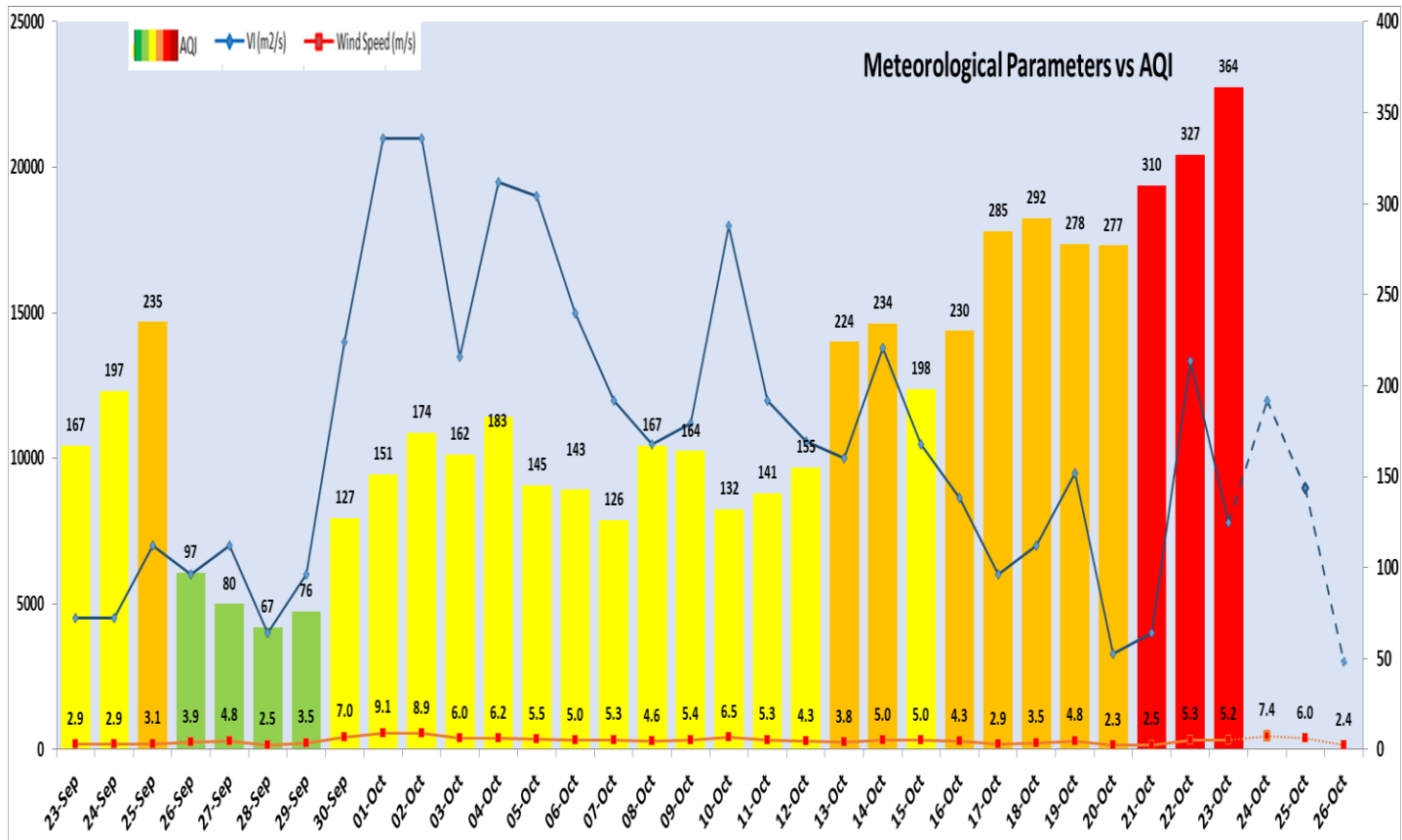
**IMD Alert for Tomorrow (24.10.2024):**

The air quality is likely to be in Very Poor category from 24.10.2024 to 26.10.2024. The predominant surface wind is likely to be coming from Northnorthwest/North directions in Delhi with wind speed 06-12 kmph and mist in the morning with mainly clear sky during the day on 24.10.2024. Ventilation index is likely to be 12000 m<sup>2</sup>/s.

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
22.10.2024	71	1581	10	665
22.10.2023	30	1794	25	714
22.10.2022	582	3696	122	893

% Share of Stubble burning to PM <sub>2.5</sub> in Delhi	
22.10.2024	*As per IITM, the impact of stubble burning is ~ 8.0 %





Date	Minimum	Maximum
20-10-2024	20.3	36.5
21-10-2024	20.4	35.8
22-10-2024	20.4	34.7
23-10-2024	20.5	34.0

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Jahangirpuri, Delhi - DPCC	417	Severe	PM <sub>10</sub>
	Anand Vihar, Delhi - DPCC	411	Severe	PM <sub>10</sub>
	Vivek Vihar, Delhi - DPCC	409	Severe	PM <sub>2.5</sub>
	Bawana, Delhi - DPCC	399	Very Poor	PM <sub>2.5</sub>
	NSIT Dwarka, Delhi - CPCB	398	Very Poor	PM <sub>10</sub>
Faridabad	New Industrial Town, Faridabad - HSPCB	280	Poor	PM <sub>10</sub>
	Sector 11, Faridabad - HSPCB	249	Poor	PM <sub>2.5</sub>
	Sector- 16A, Faridabad - HSPCB	243	Poor	PM <sub>2.5</sub>
Gurugram	Vikas Sadan, Gurugram - HSPCB	299	Poor	PM <sub>2.5</sub>
Ghaziabad	Vasundhara, Ghaziabad - UPPCB	332	Very Poor	PM <sub>2.5</sub>
	Indirapuram, Ghaziabad - UPPCB	325	Very Poor	PM <sub>2.5</sub>
	Loni, Ghaziabad - UPPCB	309	Very Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	276	Poor	PM <sub>10</sub>
Noida	Sector-116, Noida - UPPCB	307	Very Poor	PM <sub>2.5</sub>
	Sector-1, Noida - UPPCB	306	Very Poor	PM <sub>2.5</sub>