



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 20, 2024



## Current Air Quality Status:

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

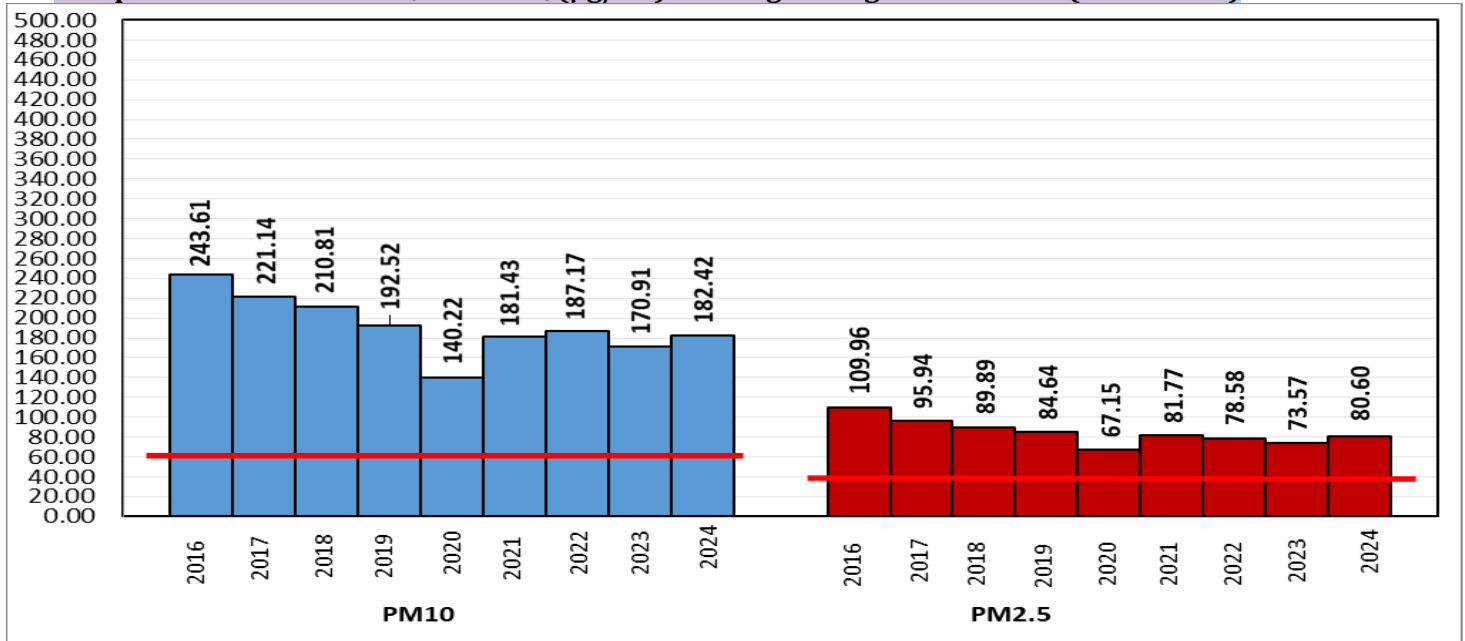
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	277↓	PM <sub>10</sub>	Moderate	195↑	PM <sub>2.5</sub> , O <sub>3</sub>	Poor	232↑	PM <sub>10</sub> , PM <sub>2.5</sub>
Faridabad	Moderate	143↓	PM <sub>10</sub> , PM <sub>2.5</sub>	Poor	291↑	PM <sub>2.5</sub>	Poor	296↓	PM <sub>10</sub> , PM <sub>2.5</sub>
Ghaziabad	Poor	243↓	PM <sub>2.5</sub>	Moderate	195↑	PM <sub>2.5</sub> , O <sub>3</sub>	Poor	252↓	PM <sub>10</sub> , PM <sub>2.5</sub>
Greater Noida	Moderate	124↓	PM <sub>10</sub> , PM <sub>2.5</sub>	Poor	238↑	PM <sub>10</sub> , PM <sub>2.5</sub>	Poor	216↓	PM <sub>10</sub>
Gurugram	Poor	219↑	PM <sub>2.5</sub>	Moderate	171↑	PM <sub>2.5</sub>	Moderate	189↑	PM <sub>2.5</sub> , PM <sub>10</sub>
Noida	Poor	206↓	PM <sub>2.5</sub>	Poor	214↑	O <sub>3</sub> , PM <sub>10</sub>	Poor	231↓	PM <sub>10</sub> , O <sub>3</sub>

\*Data available for 35(2024), 35(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 20 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	282	293	293	293	294	293	293	293	294	282	293	293	293	294	293	293	293	294
Good (0–50)		0	2	0	2	5	1	3	1	0	110	149	157	174	224	191	160	206	201
Satisfactory (51–100)		23	45	53	57	95	71	65	60	66	110	149	157	174	224	191	160	206	201
Moderate (101–200)		87	102	104	115	124	119	92	145	135	110	149	157	174	224	191	160	206	201
Poor (201–300)		109	103	99	82	52	62	111	63	57	172	144	136	119	70	102	133	87	93
Very Poor (301–400)		56	41	31	30	16	34	21	21	33	172	144	136	119	70	102	133	87	93
Severe (>401)		7	0	6	7	2	6	1	3	3	172	144	136	119	70	102	133	87	93

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average - Till Oct 19 (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 19.10.24 to 06:00 am of 20.10.24)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
19- Oct -2024	127↓	298↓

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

Delhi	Anand Vihar, Jahangirpuri, Wazirpur, Mundka, Rohini	Ghaziabad	Loni, Sanjay Nagar
Faridabad	New Industrial Town, Sector 11	Greater Noida	Knowledge Park – V
Gurugram	Teri Gram	Noida	Sector – 116, Sector - 1

**Forecast by IITM(Delhi):**

	Oct 21, 2024	Oct 22, 2024	Oct 23, 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 21, 2024	06 TO 12	05	13	SE	NW
Oct 22, 2024	UPTO 08	06	13	E	N
Oct 23, 2024	06 TO 12	08	29	VAR	NW

**IMD Alert for Tomorrow (21.10.2024):**

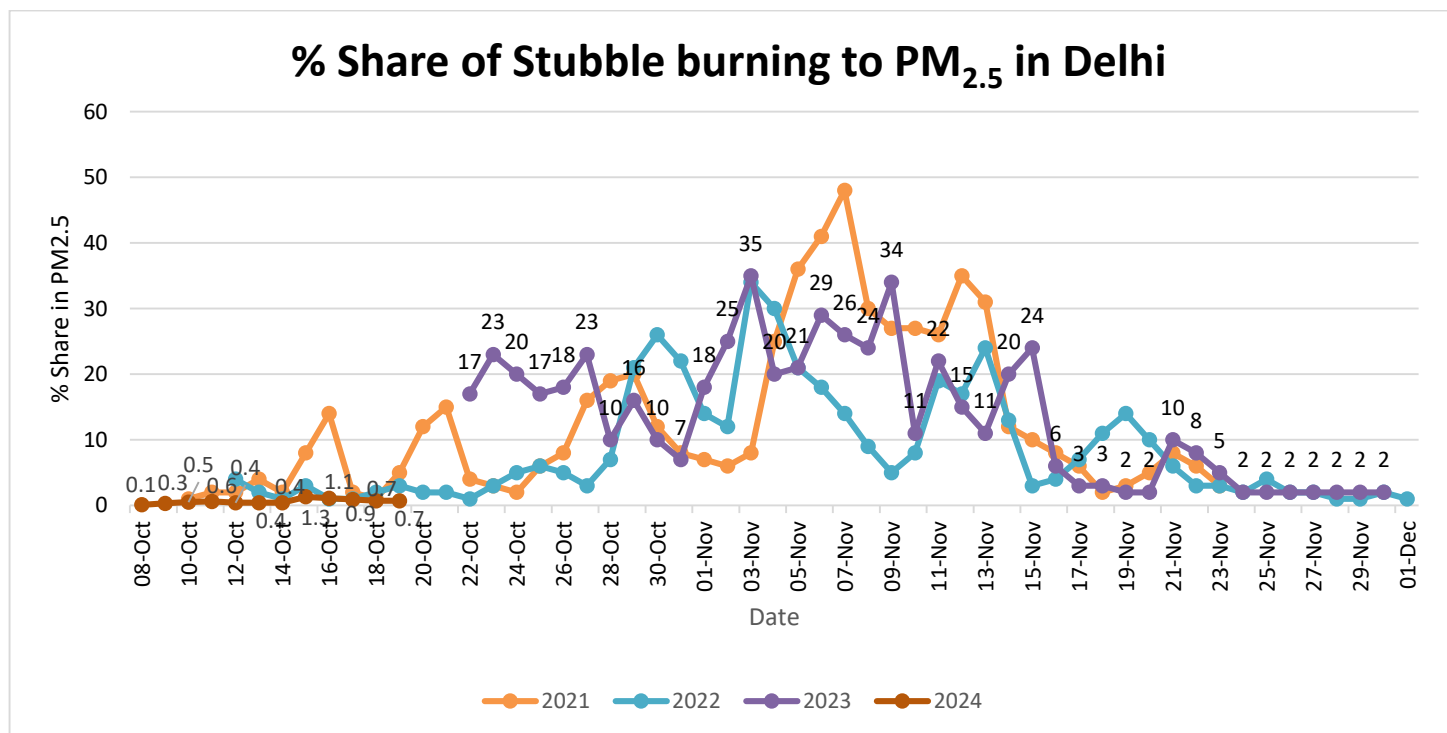
The air quality is likely to be in lower end of Very Poor category from 21.10.2024 to 23.10.2024. The predominant surface wind is likely to be coming from Southeast directions in Delhi with wind speed 06-12 kmph and mainly clear sky on 21.10.2024. Ventilation index is likely to be 6000 m<sup>2</sup>/s.

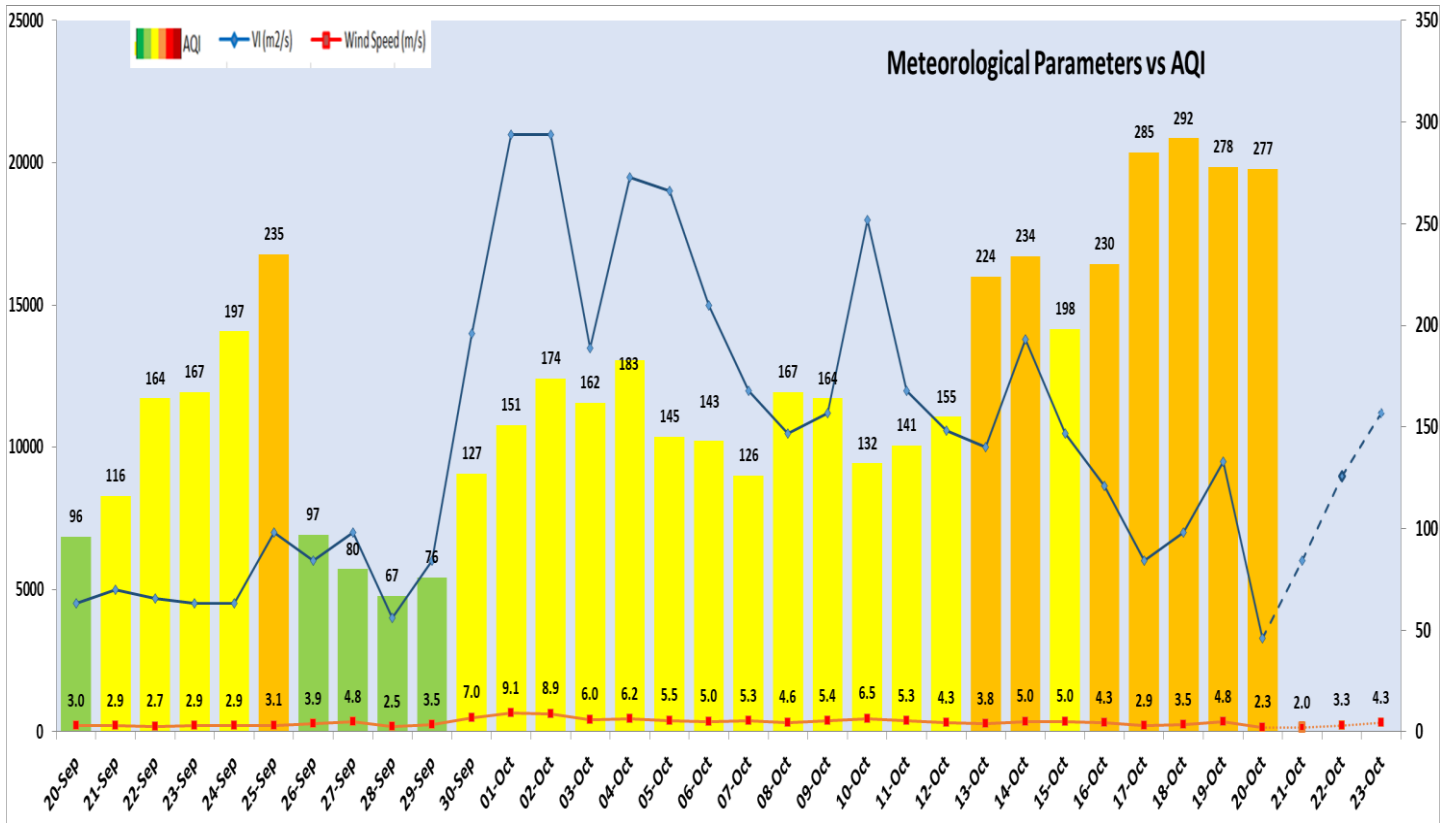
**Active Fire Events (AFEs):**

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
19.10.2024	45	1393	15	642
19.10.2023	37	1444	16	570
19.10.2022	436	2625	122	586

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

19.10.2024	*As per IITM, the impact of stubble burning is ~ 0.7 %
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Date	Minimum	Maximum
17-10-2024	20.3	35.4
18-10-2024	19.5	36.2
19-10-2024	20.2	36.2
20-10-2024	20.3	36.5

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	374	Very Poor	PM <sub>10</sub>
	Jahangirpuri, Delhi - DPCC	359	Very Poor	PM <sub>10</sub>
	Wazirpur, Delhi - DPCC	355	Very Poor	PM <sub>10</sub>
	Mundka, Delhi - DPCC	328	Very Poor	PM <sub>10</sub>
	Rohini, Delhi - DPCC	325	Very Poor	PM <sub>10</sub>
Faridabad	New Industrial Town, Faridabad - HSPCB	171	Moderate	PM <sub>10</sub>
	Sector 11, Faridabad - HSPCB	159	Moderate	PM <sub>10</sub>
Gurugram	Teri Gram, Gurugram - HSPCB	245	Poor	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	291	Poor	PM <sub>2.5</sub>
	Sanjay Nagar, Ghaziabad - UPPCB	253	Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	131	Moderate	PM <sub>10</sub>
Noida	Sector-116, Noida - UPPCB	225	Poor	PM <sub>2.5</sub>
	Sector-1, Noida - UPPCB	214	Poor	PM <sub>2.5</sub>