



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 15, 2024



## Current Air Quality Status:

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

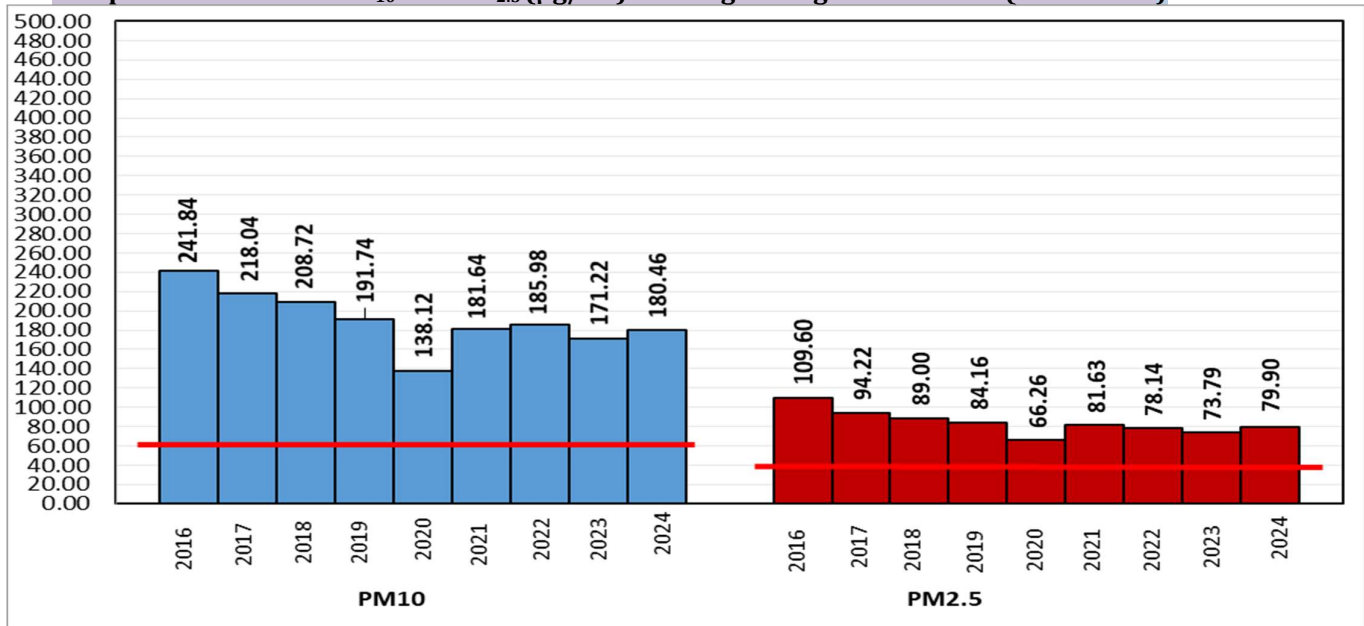
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	198↓	PM <sub>10</sub>	Poor	233↓	NO <sub>2</sub> , PM <sub>10</sub>	Moderate	186↑	PM <sub>10</sub> , PM <sub>2.5</sub> , O <sub>3</sub>
Faridabad	Moderate	196↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Poor	270↑	PM <sub>2.5</sub>	Moderate	199↑	PM <sub>10</sub> , PM <sub>2.5</sub> , O <sub>3</sub>
Ghaziabad	Moderate	181↓	PM <sub>2.5</sub> , O <sub>3</sub> , PM <sub>10</sub>	Moderate	174↓	PM <sub>10</sub>	Moderate	194↑	PM <sub>10</sub> , PM <sub>2.5</sub>
Greater Noida	Poor	206↓	PM <sub>10</sub>	Poor	260↓	PM <sub>10</sub>	Moderate	179↑	O <sub>3</sub>
Gurugram	Moderate	167↑	PM <sub>2.5</sub>	Moderate	168↑	PM <sub>2.5</sub>	Poor	213↑	PM <sub>2.5</sub>
Noida	Moderate	170↓	PM <sub>2.5</sub> , PM <sub>10</sub>	Moderate	200↓	PM <sub>10</sub>	Moderate	188↑	PM <sub>10</sub> , PM <sub>2.5</sub> , O <sub>3</sub>

\*Data available for 37(2024), 33(2023), 32(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 15 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	277	288	288	288	289	288	288	288	289										
Good (0-50)		0	2	0	2	5	0	3	1	0										
Satisfactory (51-100)		23	45	53	57	95	70	65	59	66	110	149	157	174	224	189	160	202	201	
Moderate (101-200)		87	102	104	115	124	119	92	142	135										
Poor (201-300)		104	100	95	78	47	59	106	62	52										
Very Poor (301-400)		56	39	30	29	16	34	21	21	33	167	139	131	114	65	99	128	86	88	
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 14 (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 14.10.24 to 06:00 am of 15.10.24)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
14- Oct -2024	97↓	233↓

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

Delhi	Anand Vihar, Mundka, Wazirpur, Bawana, Dwarka-Sector 8	Ghaziabad	Loni, Sanjay Nagar
Faridabad	Sector 11, Sector 30	Greater Noida	Knowledge Park - III
Gurugram	Sector 51	Noida	Sector - 125, Sector-1, Sector - 62

**Forecast by IITM(Delhi):**

	Oct 16, 2024	Oct 17, 2024	Oct 18, 2024
<b>AQI Category</b>	Moderate	Poor	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 16, 2024	04-12	06	14	VAR	W
Oct 17, 2024	08-12	05	13	E/ESE	W
Oct 18, 2024	08-12	03	20	ESE/SE	W

**IMD Alert for Tomorrow (16.10.2024):**

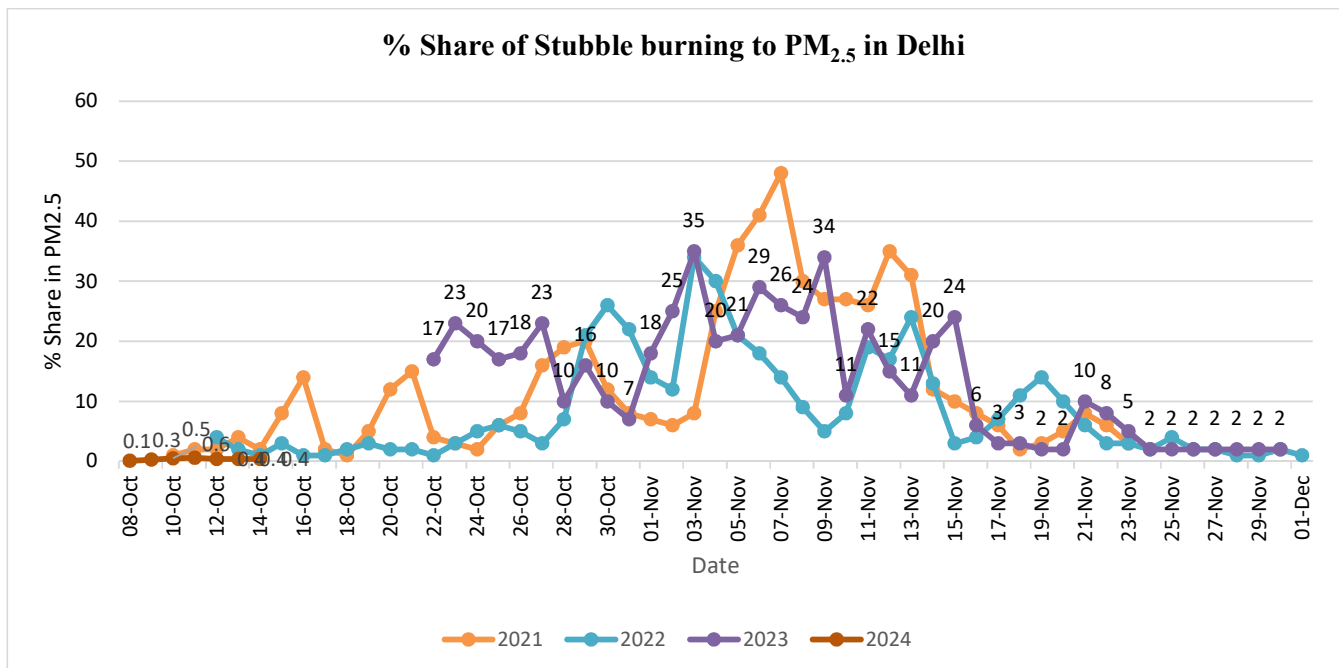
The air quality is likely to be in Moderate category on 15.10.2024 and 16.10.2024. The predominant surface wind is likely to be variable directions in Delhi with wind speed 04-12 kmph and partly cloudy sky on 16.10.2024. Ventilation index is likely to be 3000 m<sup>2</sup>/s.

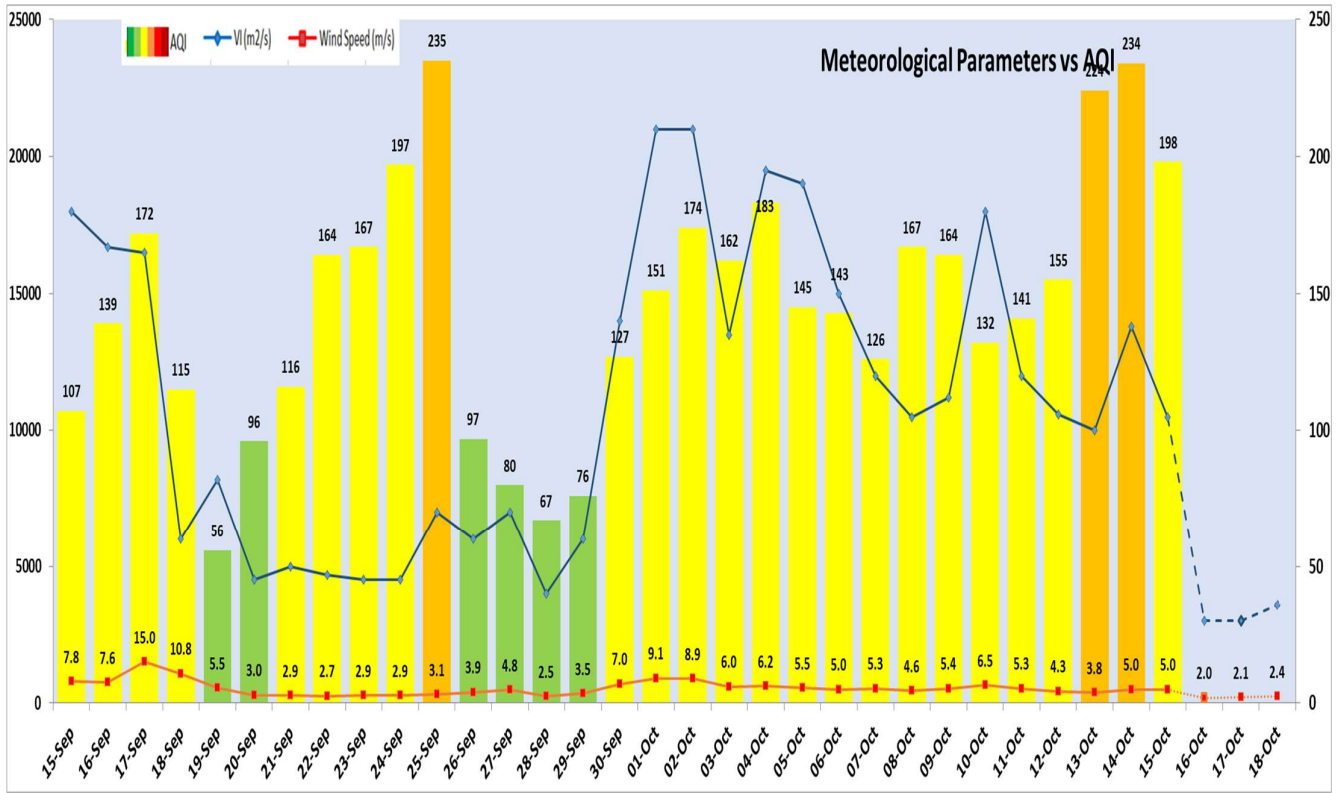
**Active Fire Events (AFEs):**

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
14.10.2024	68	940	29	497
14.10.2023	89	1319	41	415
14.10.2022	82	1069	30	132

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

14.10.2024	*As per IITM, the impact of stubble burning is ~ 0.4%
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### Delhi Temperature in (°C)

Date	Minimum	Maximum
12-10-2024	18.6	33.6
13-10-2024	18.6	34.4
14-10-2024	18.6	35.1
15-10-2024	17.4	34.4

### \*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	424	Severe	PM <sub>10</sub>
	Mundka, Delhi - DPCC	274	Poor	PM <sub>10</sub>
	Wazirpur, Delhi - DPCC	264	Poor	PM <sub>10</sub>
	Bawana, Delhi - DPCC	249	Poor	PM <sub>2.5</sub>
	Dwarka-Sector 8, Delhi - DPCC	248	Poor	PM <sub>10</sub>
Faridabad	Sector 11, Faridabad - HSPCB	316	Very Poor	PM <sub>2.5</sub>
	Sector 30, Faridabad - HSPCB	238	Poor	PM <sub>2.5</sub>
Gurugram	Sector-51, Gurugram - HSPCB	196	Moderate	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	214	Poor	PM <sub>2.5</sub>
	Sanjay Nagar, Ghaziabad - UPPCB	184	Moderate	PM <sub>10</sub>
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	209	Poor	PM <sub>10</sub>
Noida	Sector - 125, Noida - UPPCB	183	Moderate	PM <sub>2.5</sub>
	Sector-1, Noida - UPPCB	176	Moderate	PM <sub>10</sub>
	Sector - 62, Noida - IMD	171	Moderate	PM <sub>10</sub>