



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 16, 2024



## Current Air Quality Status:

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

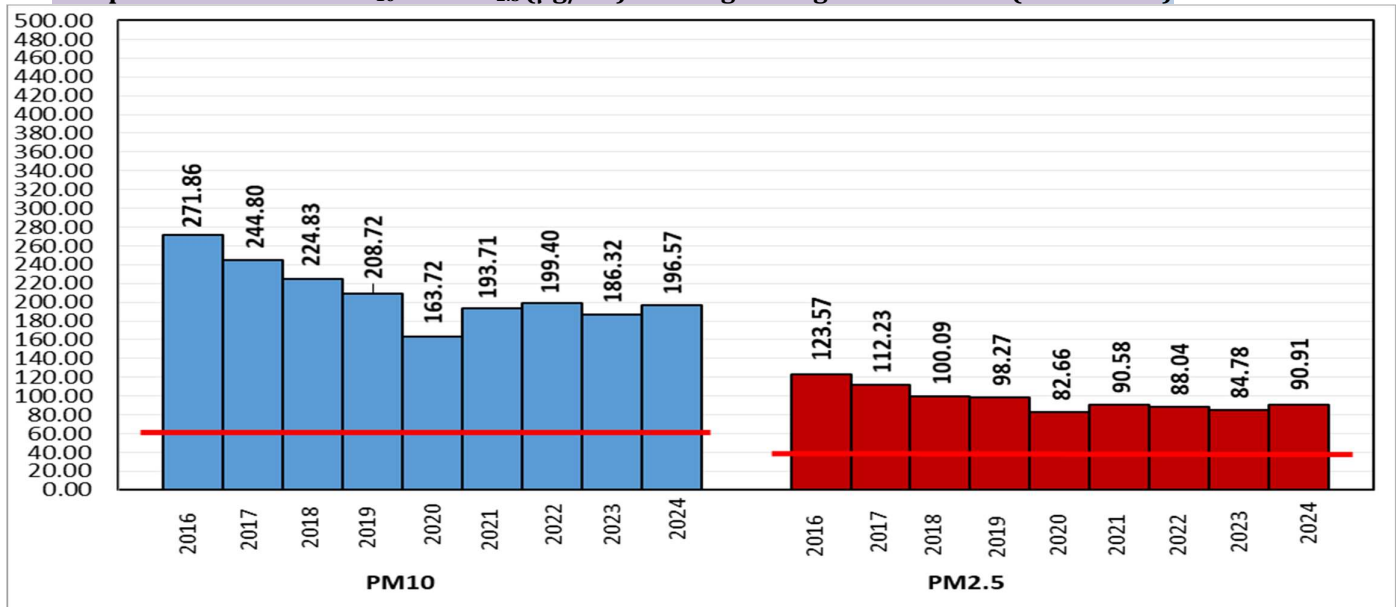
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Severe	417↑	PM <sub>2.5</sub>	Severe	419↑	PM <sub>2.5</sub>	Poor	264↑	PM <sub>2.5</sub>
Faridabad	Poor	255↓	PM <sub>2.5</sub>	Severe	424↑	PM <sub>2.5</sub>	Poor	266↑	PM <sub>2.5</sub>
Ghaziabad	Very Poor	363↑	PM <sub>2.5</sub>	Very Poor	376↓	PM <sub>10</sub> , PM <sub>2.5</sub>	Poor	218↑	PM <sub>2.5</sub>
Greater Noida	Poor	287↑	PM <sub>10</sub>	Very Poor	340↑	PM <sub>2.5</sub>	Poor	234↑	PM <sub>10</sub>
Gurugram	Very Poor	320↑	PM <sub>2.5</sub>	Very Poor	363↑	PM <sub>2.5</sub>	Poor	248↑	PM <sub>2.5</sub>
Noida	Very Poor	328↑	PM <sub>2.5</sub>	Very Poor	360↓	PM <sub>2.5</sub>	Poor	220↑	PM <sub>2.5</sub>

\*Data available for 38(2024), 35(2023), 36(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 16 Nov 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	309	320	320	320	321	320	320	320	321										
Good (0-50)		0	2	0	2	5	1	3	1	0										
Satisfactory (51-100)		23	45	53	57	95	72	65	60	66	110	149	158	175	224	197	160	206	201	
Moderate (101-200)		87	102	105	116	124	124	92	145	135										
Poor (201-300)		116	104	105	90	57	68	120	72	60										
Very Poor (301-400)		65	59	45	39	30	41	36	32	54	199	171	162	145	97	123	160	114	120	
Severe (>401)		18	8	12	16	10	14	4	10	6										

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average - Till Nov 15 (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 15.11.24 to 06:00 am of 16.11.24)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
15-Nov-2024	327↑	478↑

Hotspots for Today:		*Details given below	
Delhi	Shadipur, Jahangirpuri, Narela, Bawana, North Campus	Ghaziabad	Loni, Vasundhara
Faridabad	Sector 30	Greater Noida	Knowledge Park - V
Gurugram	NISE Gwal Pahari, Vikas Sadan	Noida	Sector – 62, Sector-1

Forecast by IITM(Delhi):			
	Nov 17, 2024	Nov 18, 2024	Nov 19, 2024
<b>AQI Category</b>	Very Poor	Very Poor	Very Poor

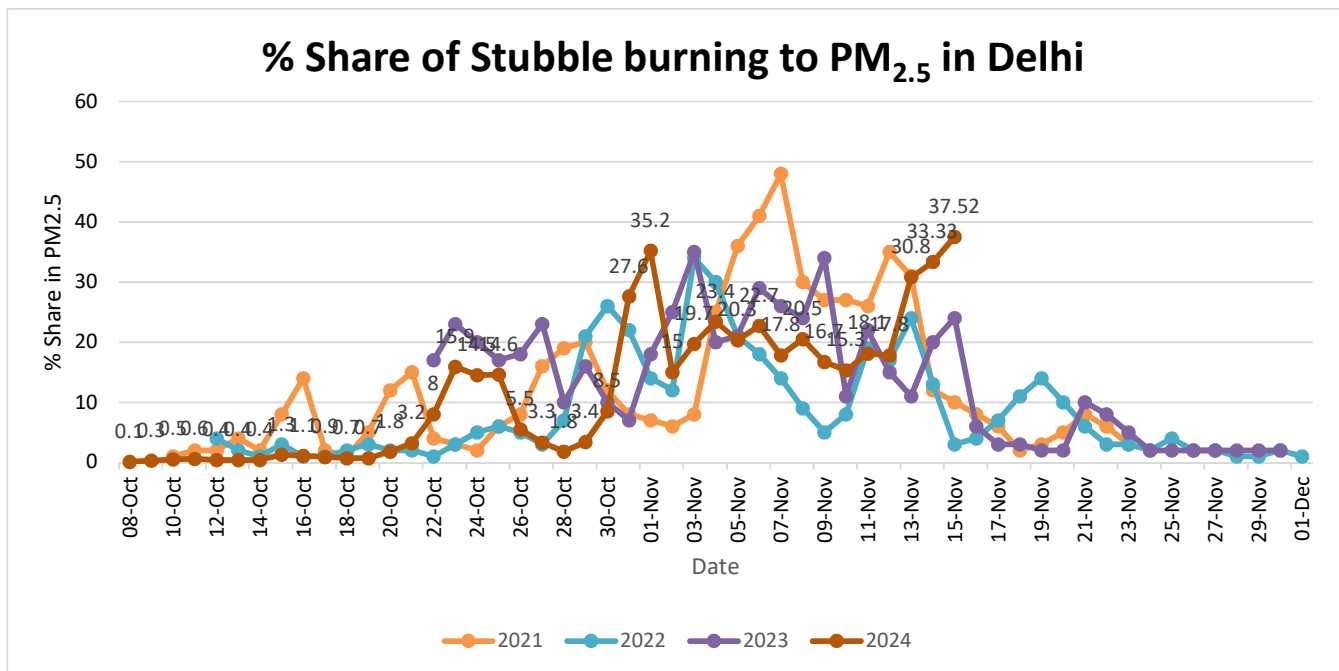
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
	Nov 17, 2024	10-18	05	17	NNW/NW
Nov 18, 2024	06-14	06	19	NW	NW
Nov 19, 2024	06-12	05	19	NW	NW

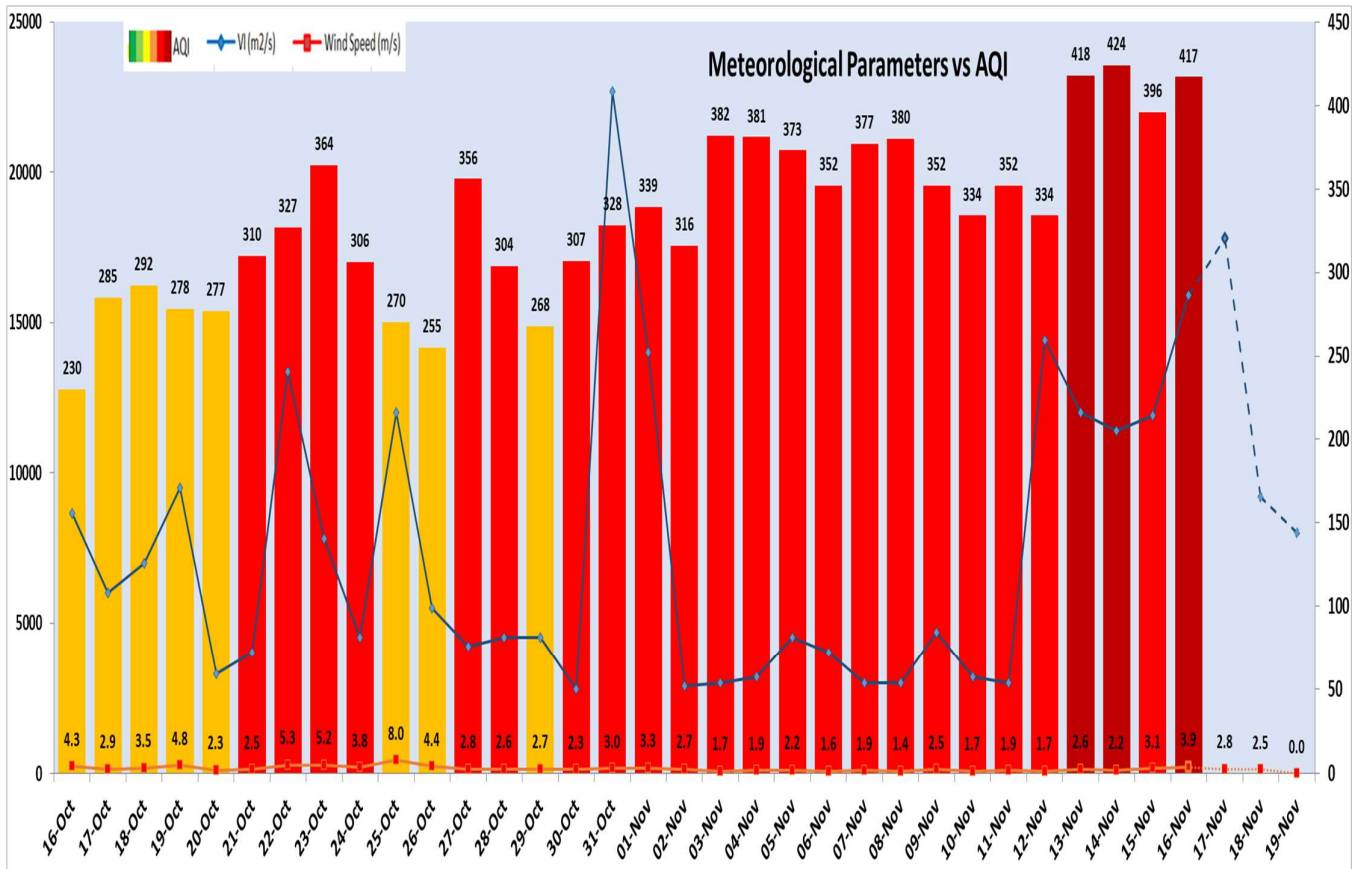
**IMD Alert for Tomorrow (17.11.2024):**

The air quality is likely to be in Very Poor category from 17.11.2024 to 19.11.2024. The predominant surface wind is likely to be coming from northnorthwest/northwest directions in Delhi with wind speed 10-18 kmph, smog/moderate fog is likely in the morning, smog/ shallow fog is likely in the evening/night and mainly clear sky on 17.11.2024. Ventilation index is likely to be 17800 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
15.11.2024	238	7864	20	1055
15.11.2023	2544	30661	62	1940
15.11.2022	141	45464	21	3149

% Share of Stubble burning to PM <sub>2.5</sub> in Delhi	
15.11.2024	*As per IITM, the impact of stubble burning is ~ 37.52 %





### Delhi Temperature in (°C)\*

Date	Minimum	Maximum
13-11-2024	17.0	32.8
14-11-2024	16.1	27.8
15-11-2024	15.6	29.4
16-11-2024	15.3	30.5

\* Source – IMD (08:30 hrs.)

### \*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Shadipur, Delhi - CPCB	459	Severe	PM <sub>2.5</sub>
	Jahangirpuri, Delhi - DPCC	452	Severe	PM <sub>2.5</sub>
	Narela, Delhi - DPCC	452	Severe	PM <sub>2.5</sub>
	Bawana, Delhi - DPCC	448	Severe	PM <sub>2.5</sub>
	North Campus, DU, Delhi - IMD	447	Severe	PM <sub>2.5</sub>
Faridabad	Sector 30, Faridabad - HSPCB	295	Poor	PM <sub>2.5</sub>
Gurugram	NISE Gwal Pahari, Gurugram - IMD	356	Very Poor	PM <sub>2.5</sub>
	Vikas Sadan, Gurugram - HSPCB	354	Very Poor	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	432	Severe	PM <sub>2.5</sub>
	Vasundhara, Ghaziabad - UPPCB	408	Severe	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	341	Very Poor	PM <sub>10</sub>
Noida	Sector - 62, Noida - IMD	405	Severe	PM <sub>2.5</sub>
	Sector-1, Noida - UPPCB	370	Very Poor	PM <sub>2.5</sub>