



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 30, 2024



## Current Air Quality Status:

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

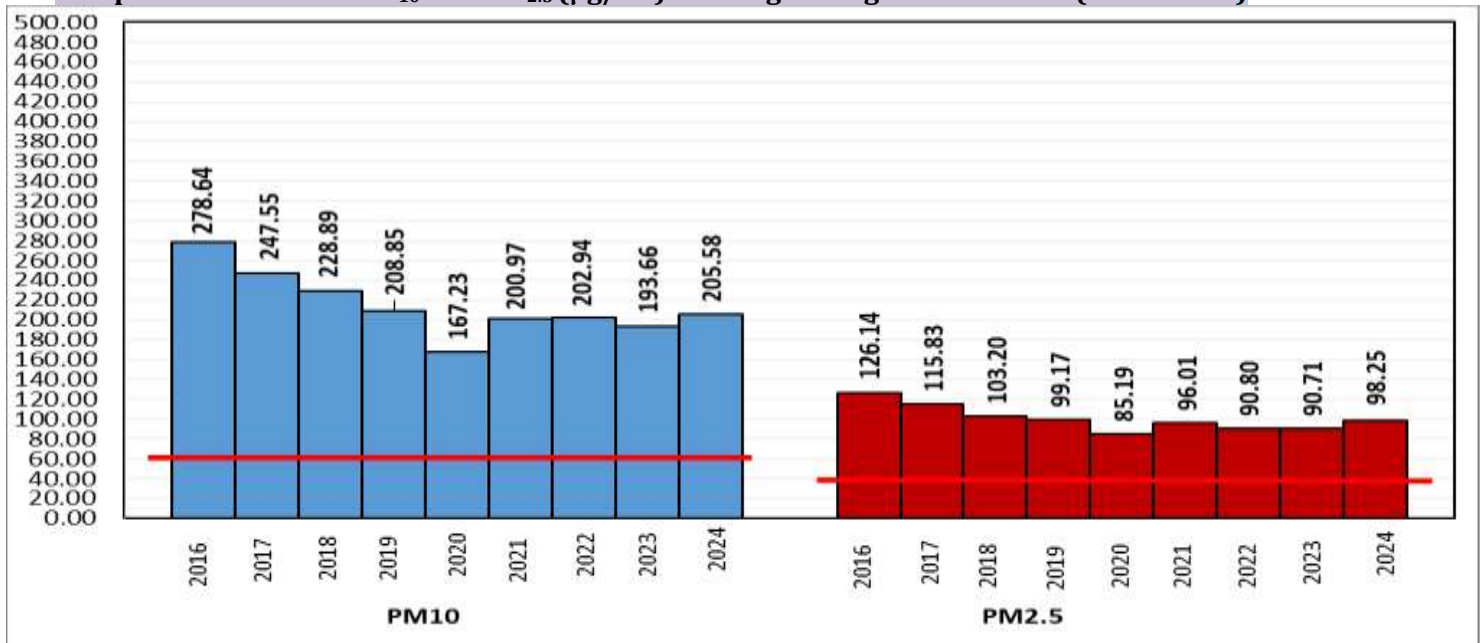
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	346↑	PM <sub>2.5</sub>	Very Poor	398↑	PM <sub>2.5</sub>	Very Poor	365↓	PM <sub>10</sub> , PM <sub>2.5</sub>
Faridabad	Moderate	175↓	PM <sub>2.5</sub> , PM <sub>10</sub>	Very Poor	393↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Very Poor	333↑	PM <sub>2.5</sub>
Ghaziabad	Poor	252↓	PM <sub>2.5</sub>	Very Poor	340↑	PM <sub>2.5</sub>	Very Poor	352↑	PM <sub>10</sub>
Greater Noida	Poor	292↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Very Poor	352↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Severe	404↓	PM <sub>10</sub> , PM <sub>2.5</sub>
Gurugram	Poor	291↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Very Poor	316↑	PM <sub>2.5</sub>	Very Poor	333↑	PM <sub>2.5</sub>
Noida	Poor	258↓	PM <sub>2.5</sub>	Very Poor	358↑	PM <sub>2.5</sub>	Very Poor	326↓	PM <sub>2.5</sub>

\*Data available for 38(2024), 38(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 30 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	323	334	334	334	335	334	334	334	335	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	58	95	72	65	60	66	110	149	158	179	226	197	160	206	201	
Moderate (101–200)		87	102	105	119	126	124	92	145	135										
Poor (201–300)		119	106	110	96	65	69	127	73	60										
Very Poor (301–400)		75	71	54	43	33	51	43	43	63	213	185	176	155	109	137	174	128	134	
Severe (>401)		19	8	12	16	11	17	4	12	11										

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average - Till Nov 29 (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 29.11.24 to 06:00 am of 30.11.24)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
29-Nov-2024	201↑	353↑

Hotspots for Today:		*Details given below	
Delhi	Shadipur, Jahangirpuri, Burari Crossing, Nehru Nagar, Mundka	Ghaziabad	Indirapuram, Loni, Vasundhara
Faridabad	Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Sector-51, NISE Gwal Pahari	Noida	Sector - 62, Sector-116

Forecast by IITM(Delhi):			
	Dec 01, 2024	Dec 02, 2024	Dec 03, 2024
<b>AQI Category</b>	Very Poor	Very Poor	Very Poor

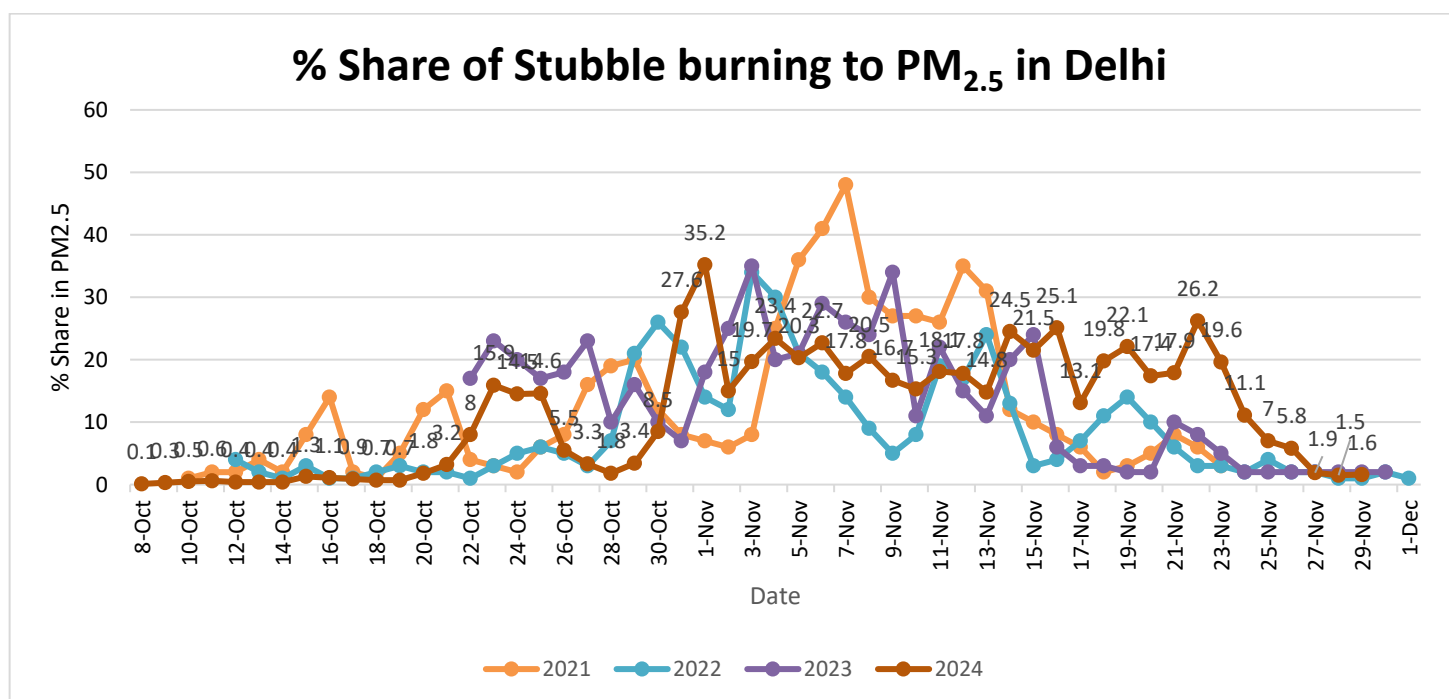
Wind Forecast for Delhi:					
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Dec 01, 2024	02-08	06	18	VAR	NW
Dec 02, 2024	02-06	06	12	N/NNW	N
Dec 03, 2024	06-10	08	32	NNW	NW

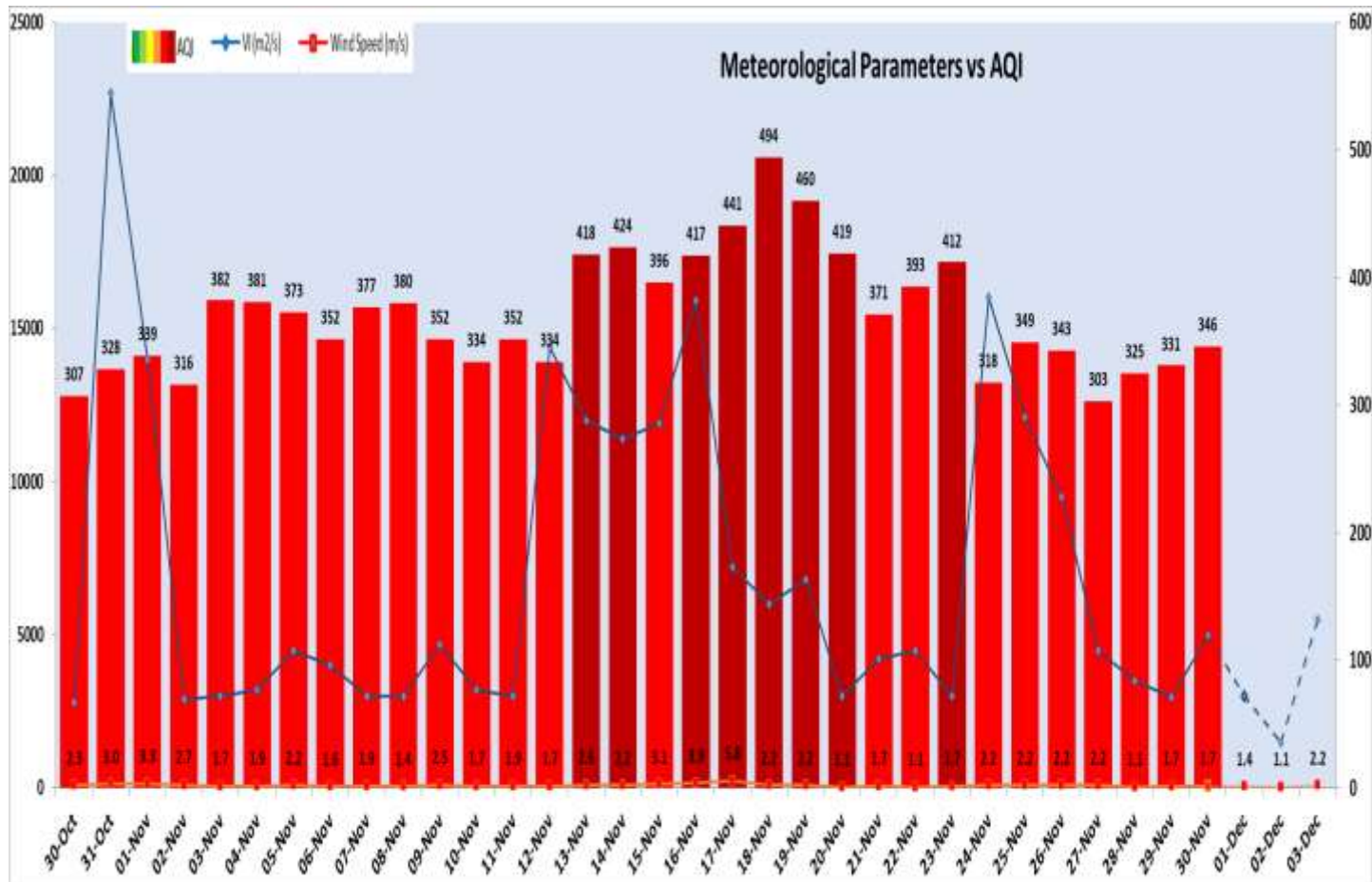
**IMD Alert for Tomorrow (01.12.2024):**

The air quality is likely to be in Very Poor category from 01.12.2024 to 03.12.2024. The predominant surface wind is likely to be from variable direction with speed less than 08 kmph during morning hours. Smog/ shallow to moderate fog is likely in the morning. The wind speed will increase thereafter becoming less than 08 kmph from northwest direction during afternoon. It will decrease thereafter becoming less than 04 kmph from north direction during evening and night. Smog/Shallow fog is likely in the evening/night and mainly clear sky on 01.12.2024. Ventilation index is likely to be 3000 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
29.11.2024	32	10887	09	1389
29.11.2023	18	36650	11	2296
29.11.2022	08	49907	05	3647

% Share of Stubble burning to PM <sub>2.5</sub> in Delhi	
29.11.2024	*As per IITM, the impact of stubble burning is ~ 1.6 %





### Delhi Temperature in (°C)\*

Date	Minimum	Maximum
27-11-2024	10.4	26.7
28-11-2024	10.1	27.3
29-11-2024	9.5	27.0
30-11-2024	9.8	26.4

\* Source – IMD (08:30 hrs.)

### \*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Shadipur, Delhi - CPCB	416	Severe	PM <sub>2.5</sub>
	Jahangirpuri, Delhi - DPCC	398	Very Poor	PM <sub>2.5</sub>
	Burari Crossing, Delhi - IMD	397	Very Poor	PM <sub>2.5</sub>
	Nehru Nagar, Delhi - DPCC	390	Very Poor	PM <sub>2.5</sub>
	Mundka, Delhi - DPCC	383	Very Poor	PM <sub>10</sub>
Faridabad	Sector 11, Faridabad - HSPCB	233	Poor	PM <sub>2.5</sub>
Gurugram	Sector-51, Gurugram - HSPCB	335	Very Poor	PM <sub>10</sub>
	NISE Gwal Pahari, Gurugram - IMD	301	Very Poor	PM <sub>2.5</sub>
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	309	Very Poor	PM <sub>2.5</sub>
	Loni, Ghaziabad - UPPCB	274	Poor	PM <sub>2.5</sub>
	Vasundhara, Ghaziabad - UPPCB	263	Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	303	Very Poor	PM <sub>10</sub>
Noida	Sector - 62, Noida - IMD	325	Very Poor	PM <sub>2.5</sub>
	Sector-116, Noida - UPPCB	284	Poor	PM <sub>2.5</sub>