



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 21, 2024



## Current Air Quality Status:

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

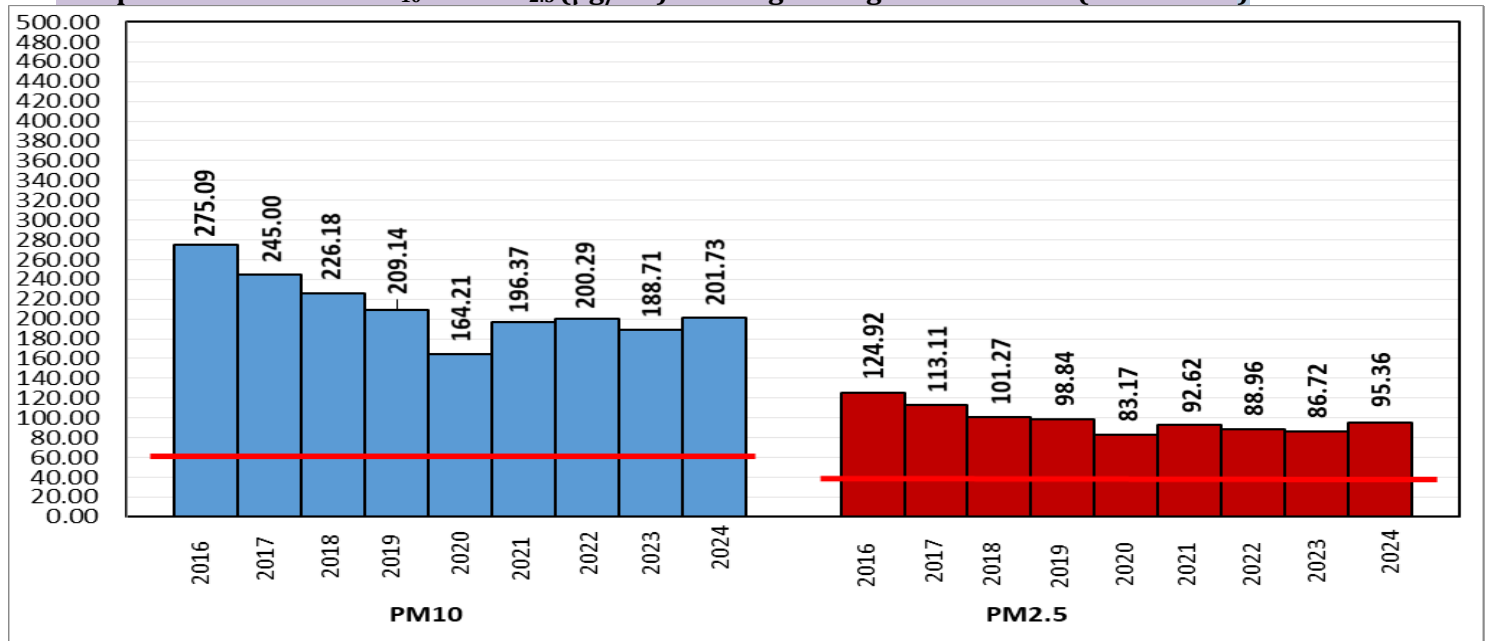
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	371↓	PM <sub>2.5</sub>	Very Poor	372↑	PM <sub>2.5</sub>	Very Poor	310↓	PM <sub>2.5</sub>
Faridabad	Poor	243↓	PM <sub>2.5</sub>	Very Poor	322↓	PM <sub>2.5</sub>	Poor	264↑	PM <sub>2.5</sub>
Ghaziabad	Poor	291↓	PM <sub>2.5</sub>	Very Poor	346↑	PM <sub>2.5</sub>	Poor	244↑	PM <sub>2.5</sub>
Greater Noida	Poor	212↓	PM <sub>2.5</sub>	Very Poor	304↓	PM <sub>2.5</sub>	Poor	275↓	PM <sub>2.5</sub>
Gurugram	Poor	298↓	PM <sub>2.5</sub>	Very Poor	331↑	PM <sub>2.5</sub>	Poor	276↓	PM <sub>2.5</sub>
Noida	Poor	253↓	PM <sub>2.5</sub>	Very Poor	330↓	PM <sub>2.5</sub>	Poor	256↑	PM <sub>2.5</sub>

\*Data available for 35(2024), 36(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 21 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	314	325	325	325	326	325	325	325	326	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	57	95	72	65	60	66	110	149	158	175	225	197	160	206	201	
Moderate (101–200)		87	102	105	116	125	124	92	145	135										
Poor (201–300)		116	105	108	93	61	68	123	72	60										
Very Poor (301–400)		70	63	47	41	30	46	38	36	55	204	176	167	150	101	128	165	119	125	
Severe (>401)		18	8	12	16	10	14	4	11	10										

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average - Till Nov 20 (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 20.11.24 to 06:00 am of 21.11.24)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
20-Nov-2024	234↓	379↓

Hotspots for Today:		*Details given below	
Delhi	Jahangirpuri, Wazirpur, Shadipur, Ashok Vihar, Bawana	Ghaziabad	Loni, Vasundhara
Faridabad	Sector 30	Greater Noida	Knowledge Park - V
Gurugram	Teri Gram, Sector-51, Vikas Sadan	Noida	Sector - 62, Sector - 125

Forecast by IITM(Delhi):			
	Nov 22, 2024	Nov 23, 2024	Nov 24, 2024
<b>AQI Category</b>	Very Poor	Very Poor	Very Poor

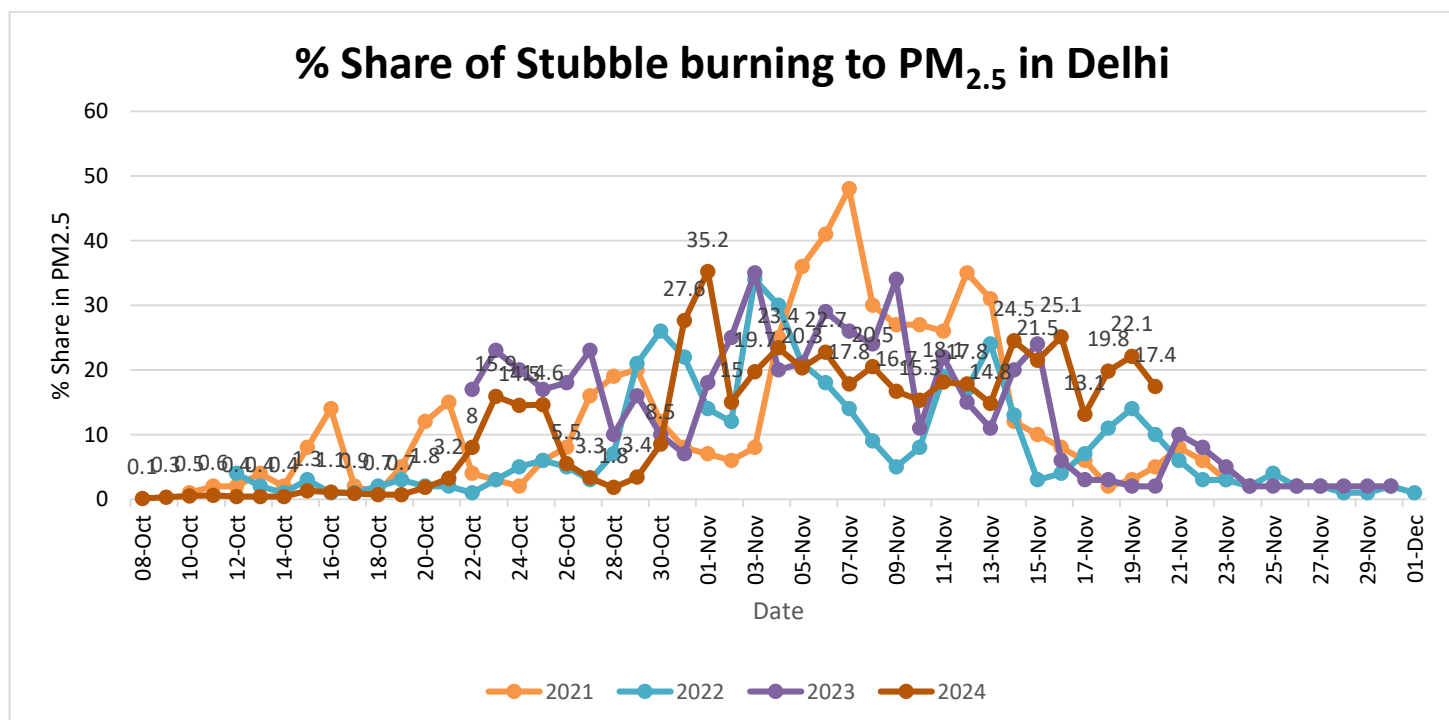
Wind Forecast for Delhi:					
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Nov 22, 2024	04-06	03	10	VAR	NW
Nov 23, 2024	04-12	02	08	VAR	W
Nov 24, 2024	04-12	06	24	VAR	W

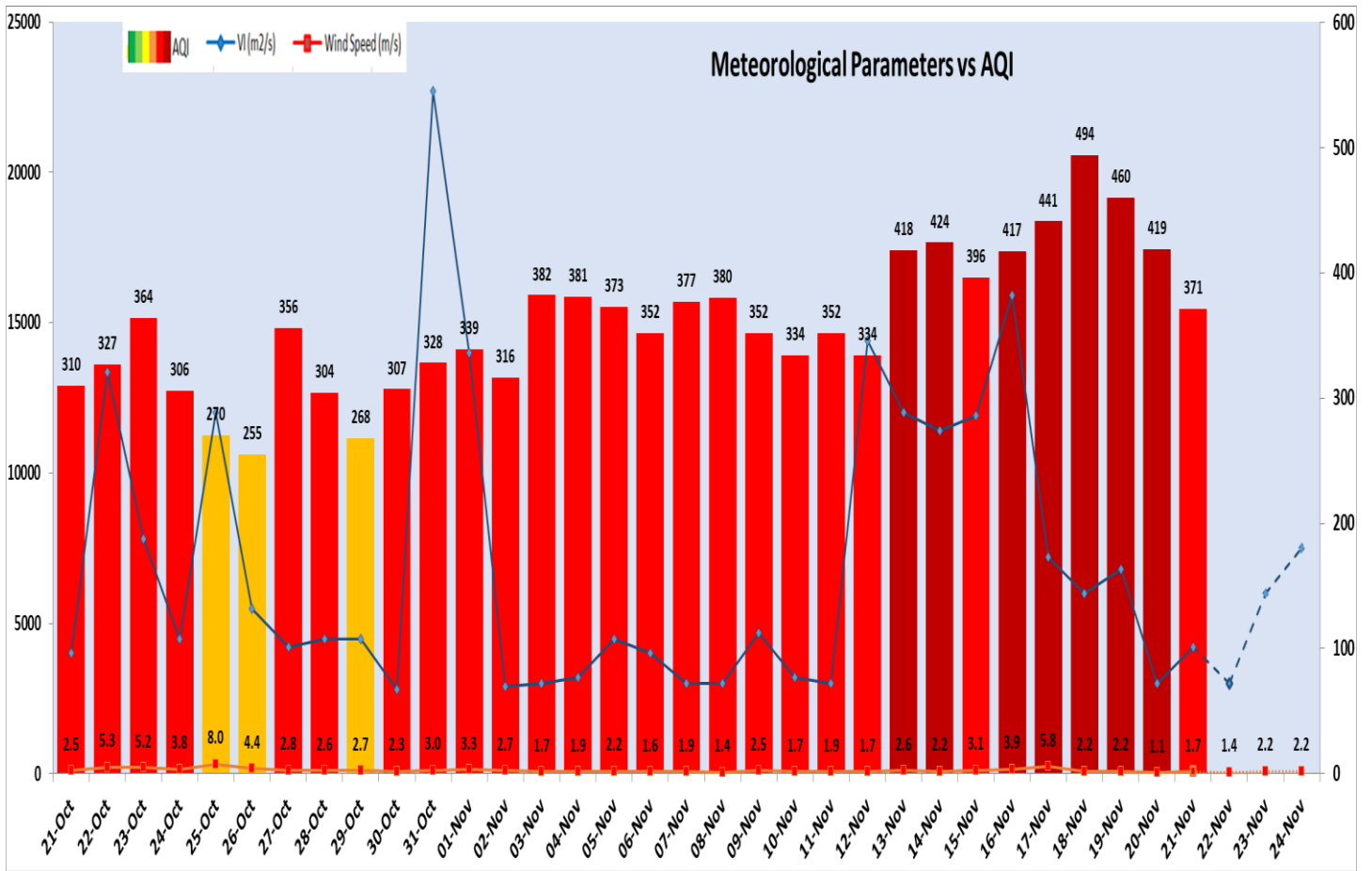
**IMD Alert for Tomorrow (22.11.2024):**

The air quality is likely to be in Very Poor category on 22.11.2024 to 24.11.2024. The predominant surface wind is likely to be in variable direction with speed less than 04-06 kmph during morning hours. Smog/ shallow to moderate fog is likely in the morning. The wind speed will increase thereafter becoming less than 10 kmph from west direction during afternoon. It will decrease thereafter becoming less than 06 kmph from northwest direction during evening and night. Smog/ shallow fog is likely in the evening/night and mainly clear sky on 22.11.2024. 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
20.11.2024	179	10104	30	1183
20.11.2023	634	35093	38	2123
20.11.2022	368	49283	32	3491

% Share of Stubble burning to PM <sub>2.5</sub> in Delhi	
20.11.2024	*As per IITM, the impact of stubble burning is ~ 17.4 %





Date	Minimum	Maximum
18-11-2024	16.2	27.2
19-11-2024	12.3	23.5
20-11-2024	11.2	25.4
21-11-2024	10.2	26.8

\* Source – IMD (08:30 hrs.)

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Jahangirpuri, Delhi - DPCC	433	Severe	PM <sub>2.5</sub>
	Wazirpur, Delhi - DPCC	429	Severe	PM <sub>2.5</sub>
	Shadipur, Delhi - CPCB	410	Severe	PM <sub>2.5</sub>
	Ashok Vihar, Delhi - DPCC	409	Severe	PM <sub>2.5</sub>
	Bawana, Delhi - DPCC	408	Severe	PM <sub>2.5</sub>
Faridabad	Sector 30, Faridabad - HSPCB	254	Poor	PM <sub>2.5</sub>
Gurugram	Teri Gram, Gurugram - HSPCB	321	Very Poor	PM <sub>2.5</sub>
	Sector-51, Gurugram - HSPCB	314	Very Poor	PM <sub>2.5</sub>
	Vikas Sadan, Gurugram - HSPCB	305	Very Poor	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	402	Severe	PM <sub>2.5</sub>
	Vasundhara, Ghaziabad - UPPCB	303	Very Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	223	Poor	PM <sub>2.5</sub>
Noida	Sector - 62, Noida - IMD	320	Very Poor	PM <sub>2.5</sub>
	Sector - 125, Noida - UPPCB	262	Poor	PM <sub>2.5</sub>