



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 19, 2024



## Current Air Quality Status:

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

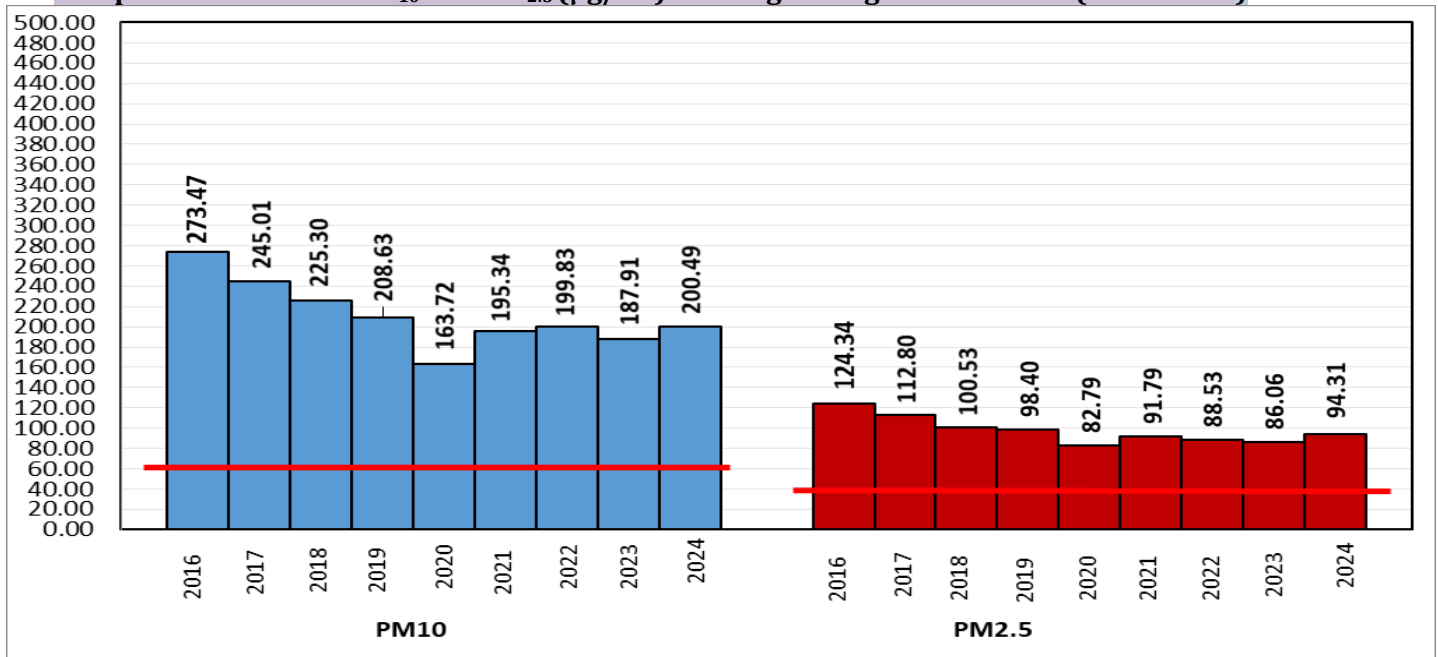
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Severe	460↓	PM <sub>2.5</sub>	Very Poor	301↓	PM <sub>2.5</sub>	Poor	280↓	PM <sub>10</sub> , PM <sub>2.5</sub>
Faridabad	Very Poor	320↓	PM <sub>2.5</sub>	Very Poor	327↑	PM <sub>10</sub> , PM <sub>2.5</sub>	Poor	252↓	PM <sub>2.5</sub>
Ghaziabad	Severe	434↓	PM <sub>2.5</sub>	Poor	280↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Poor	263↑	PM <sub>10</sub>
Greater Noida	Very Poor	372	PM <sub>2.5</sub>	Poor	236↑	PM <sub>2.5</sub>	Poor	280↑	PM <sub>10</sub>
Gurugram	Severe	402↓	PM <sub>2.5</sub> , PM <sub>10</sub>	Poor	234↓	PM <sub>2.5</sub>	Poor	247↓	PM <sub>2.5</sub>
Noida	Very Poor	370↓	PM <sub>2.5</sub>	Poor	268↑	PM <sub>2.5</sub>	Poor	235↑	PM <sub>2.5</sub>

\*Data available for 32(2024), 37(2023), 35(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 19 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	312	323	323	323	324	323	323	323	324	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	104	107	93	59	68	123	72	60										
Very Poor (301–400)		68	62	46	39	30	44	36	34	54	202	174	165	148	99	126	163	117	123	
Severe (>401)		18	8	12	16	10	14	4	11	9										

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average - Till Nov 18 (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 18.11.24 to 06:00 am of 19.11.24)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
18-Nov-2024	594↑	730↑

Hotspots for Today:		*Details given below	
Delhi	Alipur, Anand Vihar, Sonia Vihar, IHBAS Dilshad Garden, Mundka	Ghaziabad	Loni, Vasundhara, Sanjay Nagar
Faridabad	Sector 30	Greater Noida	Knowledge Park - V
Gurugram	NISE Gwal Pahari, Sector-51	Noida	Sector - 62

Forecast by IITM(Delhi):			
	Nov 20, 2024	Nov 21, 2024	Nov 22, 2024
<b>AQI Category</b>	Severe	Severe	Severe

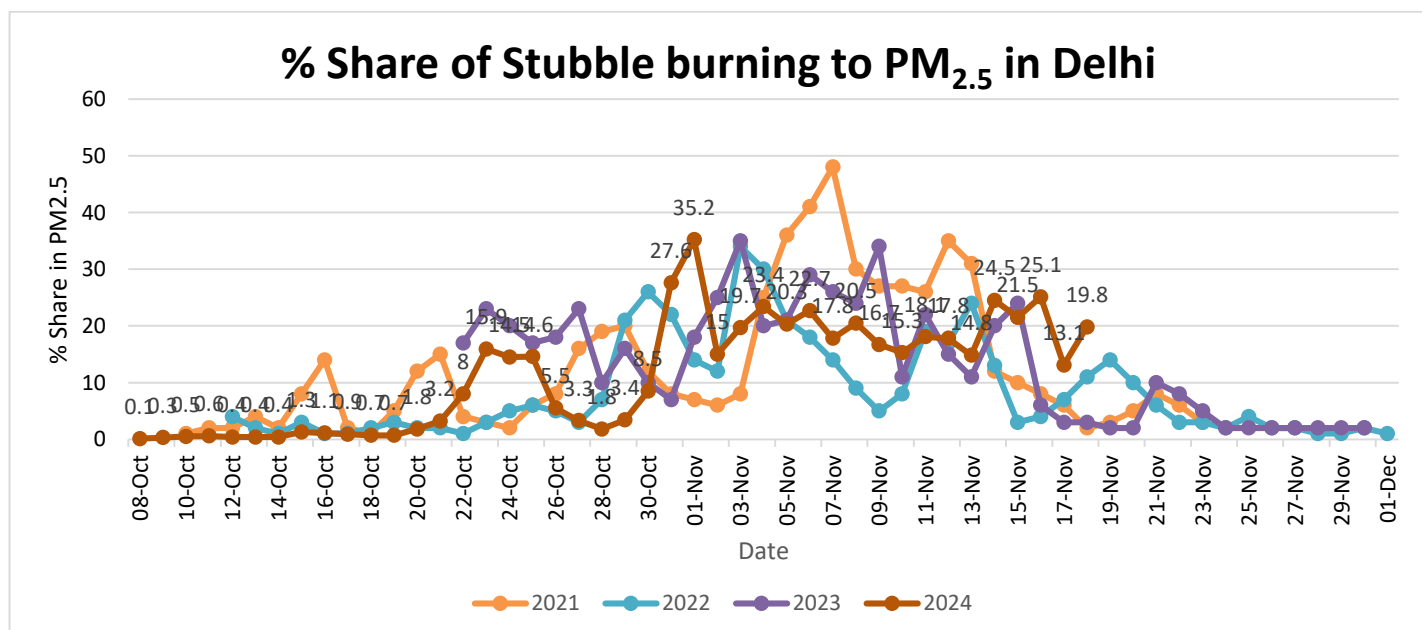
Wind Forecast for Delhi:					
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Nov 20, 2024	02-10	05	17	NW/NE	NW
Nov 21, 2024	04-10	03	14	NW/NE	NW
Nov 22, 2024	02-12	02	10	NW/NE	NW

**IMD Alert for Tomorrow (20.11.2024):**

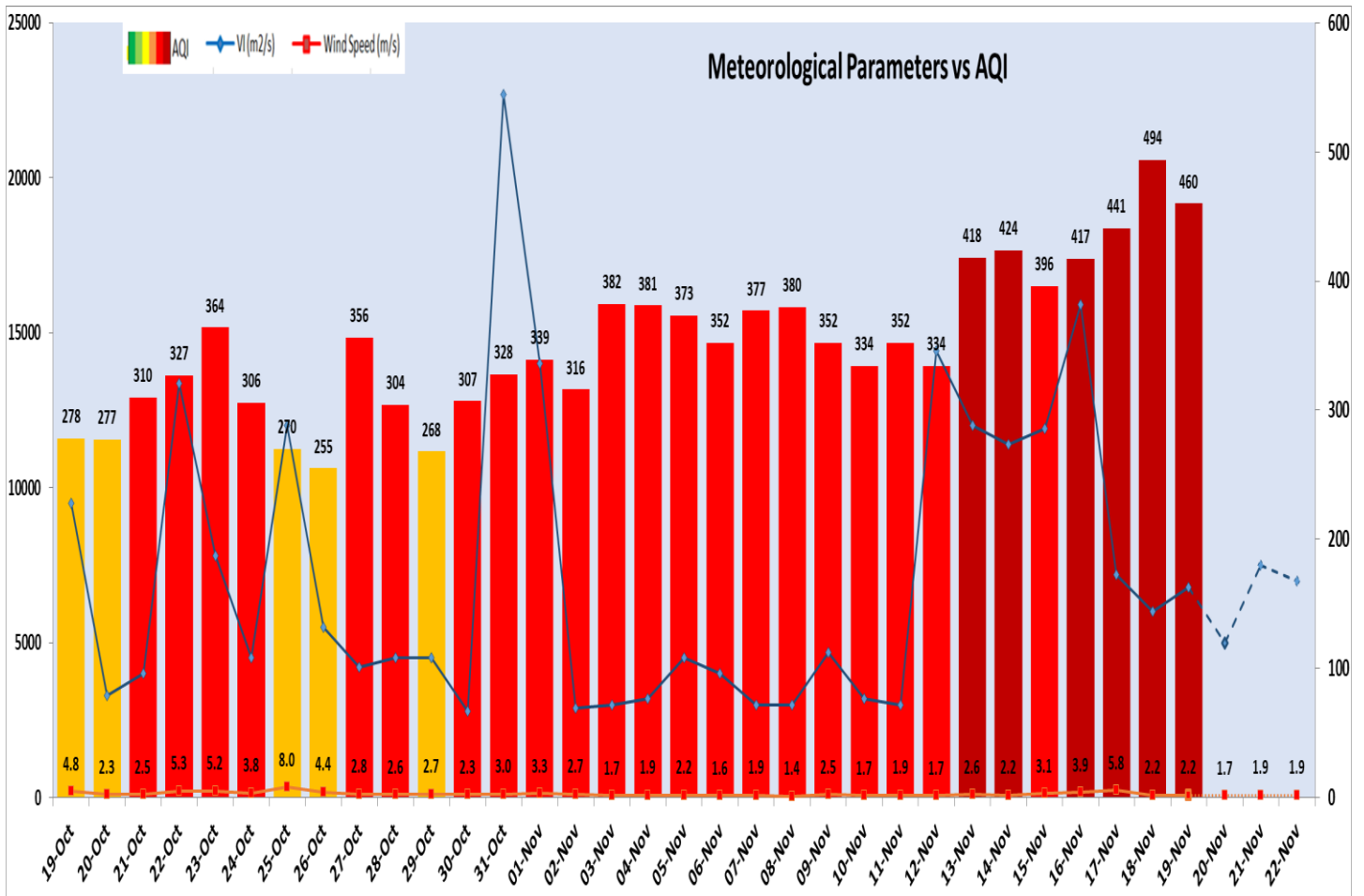
The air quality is likely to be in Severe category from 20.11.2024 to 22.11.2024. The predominant surface wind is likely to be from northwest direction with speed less than 08 kmph during morning hours. Smog/moderate to dense fog is likely in the morning. The wind speed will increase thereafter becoming less than 10 kmph from northwest 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 20.11.2024. Ventilation index is likely to be 5000 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
18.11.2024	1251	9655	36	1118
18.11.2023	637	33719	21	2052
18.11.2022	701	48489	108	3380

% Share of Stubble burning to PM <sub>2.5</sub> in Delhi	
18.11.2024	*As per IITM, the impact of stubble burning is ~ 19.8 %



Note: % share of stubble burning to PM<sub>2.5</sub> mass concentration in Delhi for 13,14 & 15 Nov 2024 has been revised by IITM, Pune.



Date	Minimum	Maximum
16-11-2024	15.3	30.5
17-11-2024	15.9	29.6
18-11-2024	16.2	27.2
19-11-2024	12.3	23.5

\* Source – IMD (08:30 hrs.)

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Alipur, Delhi - DPCC	483	Severe	PM <sub>2.5</sub>
	Anand Vihar, Delhi - DPCC	479	Severe	PM <sub>2.5</sub>
	Sonia Vihar, Delhi - DPCC	479	Severe	PM <sub>2.5</sub>
	IHBAS, Dilshad Garden, Delhi - CPCB	476	Severe	PM <sub>2.5</sub>
	Mundka, Delhi - DPCC	476	Severe	PM <sub>2.5</sub>
Faridabad	Sector 30, Faridabad - HSPCB	338	Very Poor	PM <sub>2.5</sub>
Gurugram	NISE Gwal Pahari, Gurugram - IMD	452	Severe	PM <sub>2.5</sub>
	Sector-51, Gurugram - HSPCB	404	Severe	PM <sub>10</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	476	Severe	PM <sub>2.5</sub>
	Vasundhara, Ghaziabad - UPPCB	444	Severe	PM <sub>2.5</sub>
	Sanjay Nagar, Ghaziabad - UPPCB	440	Severe	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	393	Very Poor	PM <sub>2.5</sub>
Noida	Sector - 62, Noida - IMD	448	Severe	PM <sub>2.5</sub>