



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 22, 2024



Current Air Quality Status:

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

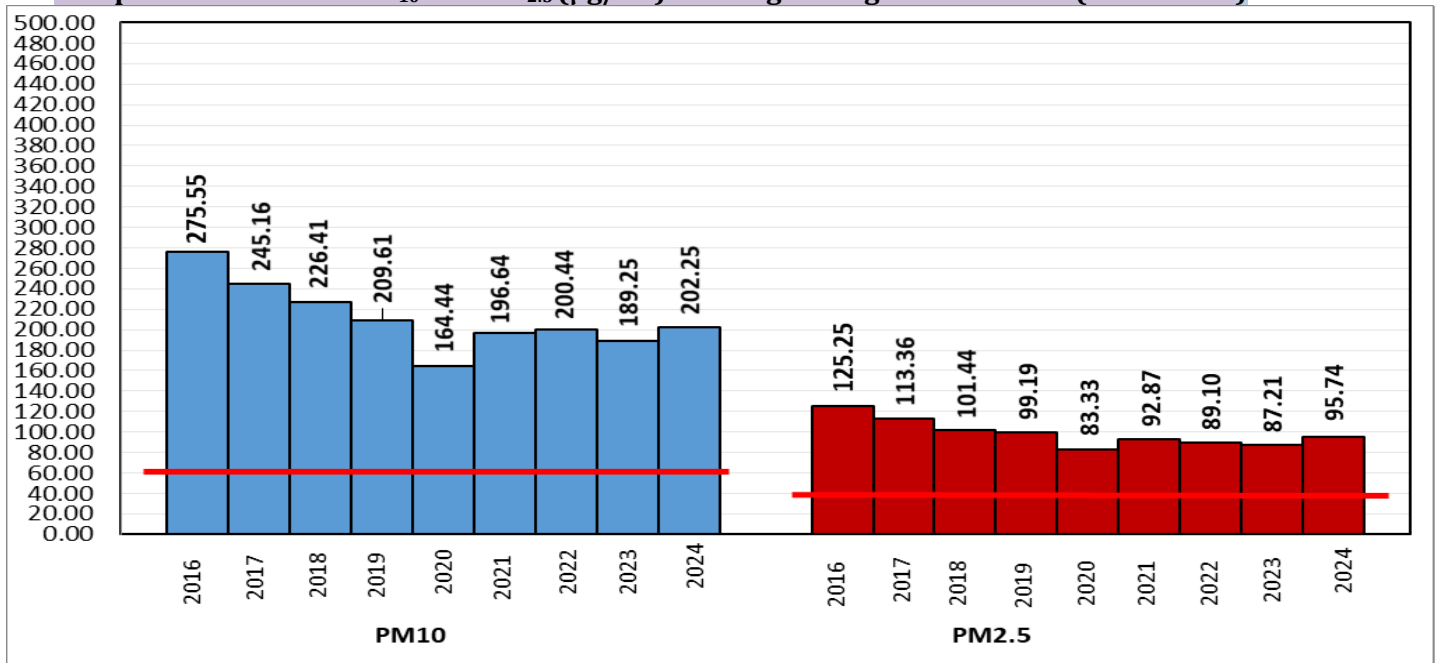
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	393↑	PM _{2.5} , PM ₁₀	Very Poor	395↑	PM _{2.5}	Poor	255↓	PM _{2.5} , O ₃
Faridabad	Poor	292↑	PM _{2.5}	Very Poor	356↑	PM _{2.5} , PM ₁₀	Poor	227↓	PM _{2.5}
Ghaziabad	Very Poor	302↑	PM _{2.5}	Very Poor	344↓	PM _{2.5}	Moderate	182↓	PM _{2.5}
Greater Noida	Poor	262↑	PM _{2.5}	Very Poor	321↑	PM _{2.5}	Poor	209↓	PM ₁₀ , PM _{2.5}
Gurugram	Very Poor	302↑	PM _{2.5}	Very Poor	341↑	PM _{2.5}	Poor	242↓	PM _{2.5}
Noida	Very Poor	312↑	PM _{2.5}	Very Poor	341↑	PM _{2.5}	Moderate	195↓	PM _{2.5}

*Data available for 39(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 22 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	315	326	326	326	327	326	326	326	327	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	106	108	93	62	68	124	72	60										
Very Poor (301–400)		71	63	48	42	30	47	38	37	56	205	177	168	151	102	129	166	120	126	
Severe (>401)		18	8	12	16	10	14	4	11	10										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Nov 21 (2016-2024)



*Red line shows the annual average concentration standards for PM₁₀ and PM_{2.5}.

Daily Average of Particulates in Delhi (24 hourly average value; from 06:00am of 21.11.24 to 06:00 am of 22.11.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
21-Nov-2024	220↓	371↓

Hotspots for Today: *Details given below

Delhi	Jahangirpuri, Anand Vihar, Nehru Nagar, Wazirpur, Bawana	Ghaziabad	Vasundhara
Faridabad	Sector 30	Greater Noida	Knowledge Park - V
Gurugram	NISE Gwal Pahari	Noida	Sector - 62, Sector - 1

Forecast by IITM(Delhi):

	Nov 23, 2024	Nov 24, 2024	Nov 25, 2024
AQI Category	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 23, 2024	02-06	04	06	S/NNW	W
Nov 24, 2024	04-12	07	18	W/NNW	W
Nov 25, 2024	06-10	11	20	NNW/N	NW

IMD Alert for Tomorrow (23.11.2024):

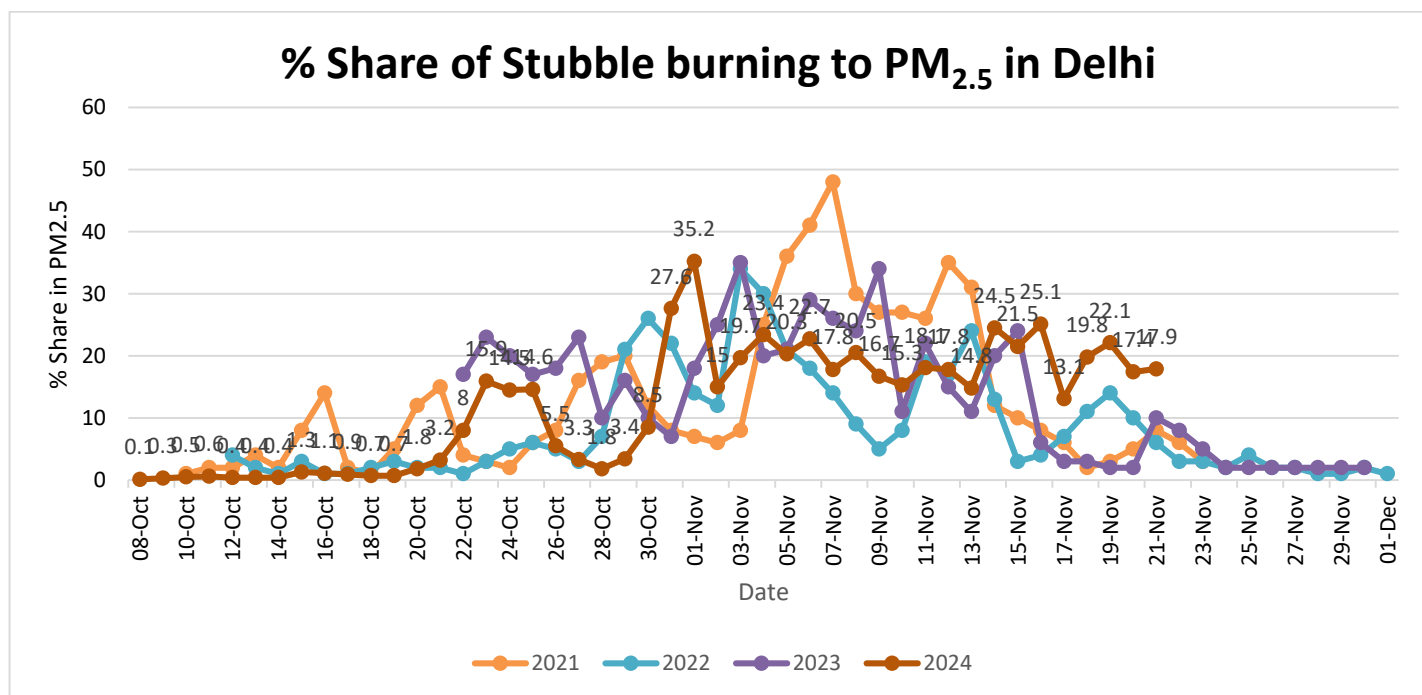
The air quality is likely to be in Very Poor category on 23.11.2024 to 25.11.2024. The predominant surface wind is likely to be from south direction with speed less than 04 kmph during morning hours. Smog/ moderate fog is likely in the morning. The wind speed will increase thereafter becoming less than 06 kmph from northwest direction during afternoon. It will decrease thereafter becoming less than 04 kmph from northwest direction during evening and night. Smog/ shallow fog is likely in the evening/night and mainly clear sky on 23.11.2024. Ventilation index is likely to be 4000 m²/s.

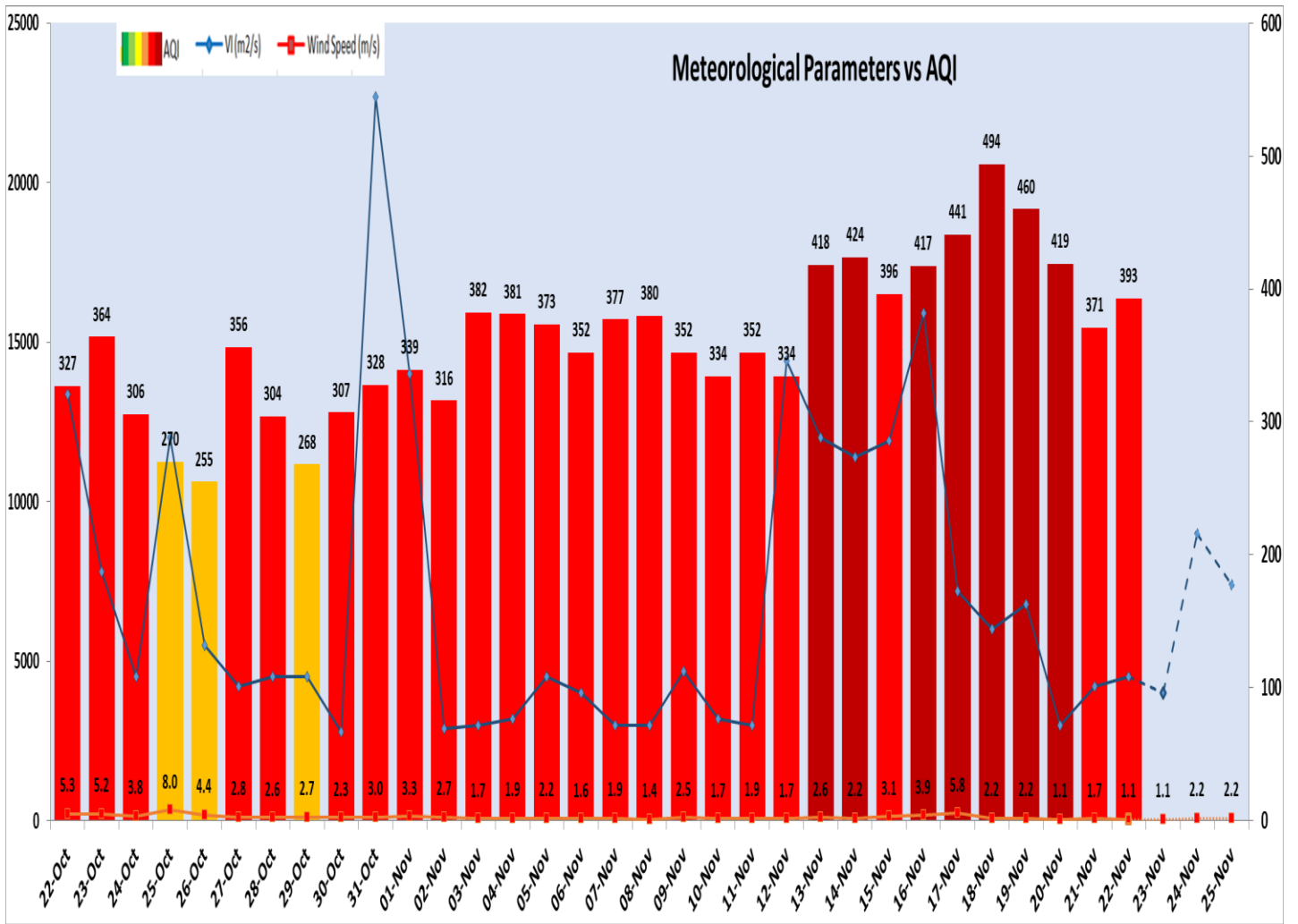
Active Fire Events (AFE):

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
21.11.2024	192	10296	10	1193
21.11.2023	513	35606	54	2177
21.11.2022	243	49526	11	3502

% Share of Stubble burning to PM_{2.5} in Delhi

21.11.2024	*As per IITM, the impact of stubble burning is ~ 17.9 %
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Delhi Temperature in (°C)*

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	11.0	27.0

* Source – IMD (08:30 hrs.)

*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Jahangirpuri, Delhi - DPCC	442	Severe	PM _{2.5}
	Anand Vihar, Delhi - DPCC	435	Severe	PM ₁₀
	Nehru Nagar, Delhi - DPCC	435	Severe	PM _{2.5}
	Wazirpur, Delhi - DPCC	429	Severe	PM _{2.5}
	Bawana, Delhi - DPCC	427	Severe	PM _{2.5}
Faridabad	Sector 30, Faridabad - HSPCB	306	Very Poor	PM _{2.5}
Gurugram	NISE Gwal Pahari, Gurugram - IMD	354	Very Poor	PM _{2.5}
Ghaziabad	Vasundhara, Ghaziabad - UPPCB	373	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	296	Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	357	Very Poor	PM _{2.5}
	Sector-1, Noida - UPPCB	313	Very Poor	PM _{2.5}