



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 24, 2024



Current Air Quality Status :

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

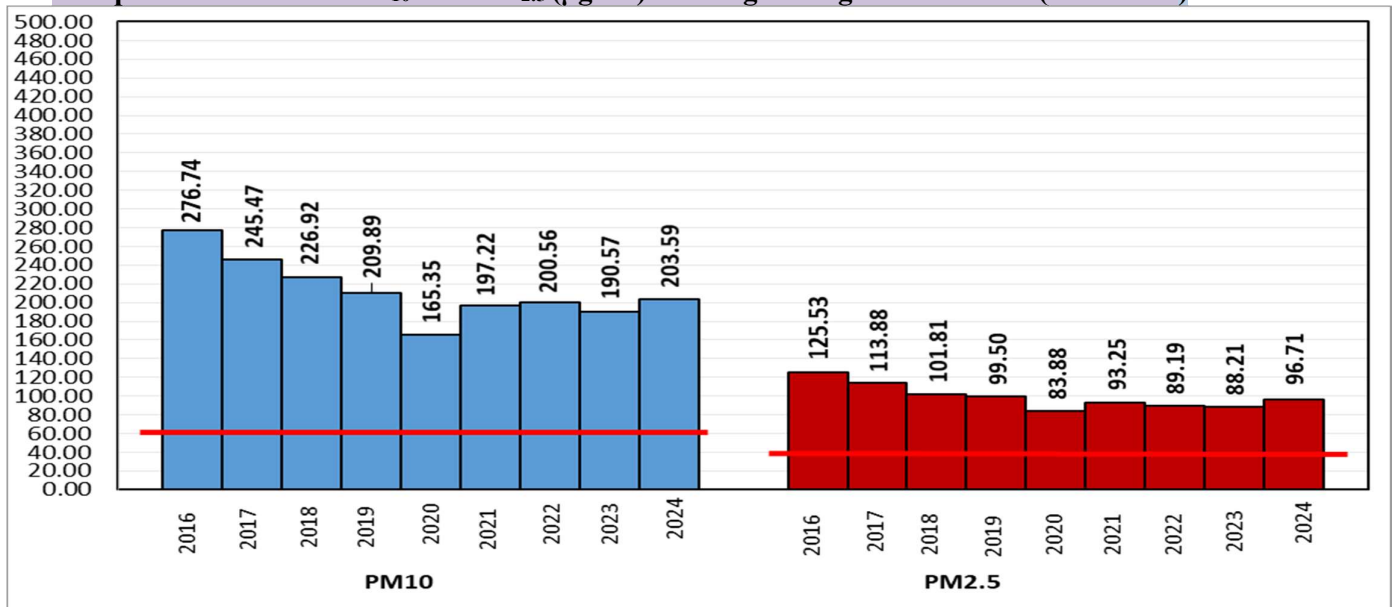
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	318↓	PM _{2.5}	Severe	415↑	PM _{2.5} ,PM ₁₀	Poor	213↓	PM ₁₀ ,PM _{2.5}
Faridabad	Poor	279↓	PM _{2.5}	Severe	415↑	PM ₁₀ ,PM _{2.5}	Poor	209↑	PM _{2.5}
Ghaziabad	Poor	252↓	PM _{2.5}	Severe	401↑	PM ₁₀ ,PM _{2.5}	Moderate	166↓	PM ₁₀
Greater Noida	Poor	250↓	PM _{2.5}	Very Poor	365↑	PM _{2.5}	Moderate	197↓	PM ₁₀
Gurugram	Poor	207↓	PM _{2.5}	Very Poor	335↑	PM ₁₀ ,PM _{2.5}	Poor	216↑	PM _{2.5}
Noida	Poor	243↓	PM _{2.5}	Very Poor	367↑	PM _{2.5} ,PM ₁₀	Moderate	169↓	PM _{2.5}

*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 24 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	317	328	328	328	329	328	328	328	329										
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	94	63	69	126	72	60										
Very Poor (301-400)		73	65	50	43	31	48	38	38	57	207	179	170	153	104	131	168	122	128	
Severe (>401)		18	8	12	16	10	14	4	12	11										

▪ Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till Nov 23(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 23.11.24 to 06:00 am of 24.11.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
23-Nov-2024	220↓	381↓

Hotspots for Today :		*Details given below	
Delhi	Anand Vihar, Nehru Nagar, Wazirpur, Jahangirpuri, Vivek Vihar	Ghaziabad	Loni, Sanjay Nagar
Faridabad	Sector 11	Greater Noida	Knowledge Park - III
Gurugram	NISE Gwal Pahari	Noida	Sector - 62

Forecast by IITM (Delhi) :			
	Nov 25, 2024	Nov 26, 2024	Nov 27, 2024
AQI Category	Very Poor	Very Poor	Very Poor

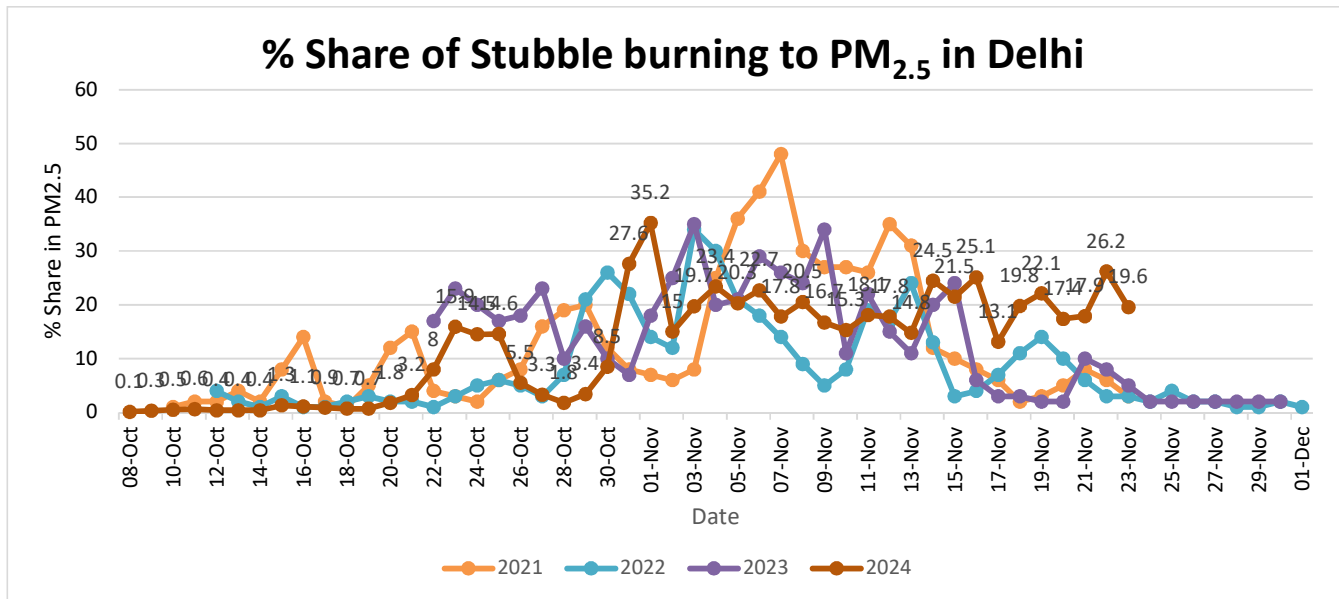
Wind Forecast for Delhi :					
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Nov 25, 2024	06-14	07	26	NW	NW
Nov 26, 2024	04-14	07	25	VAR	NW
Nov 27, 2024	02-08	03	17	VAR	NW

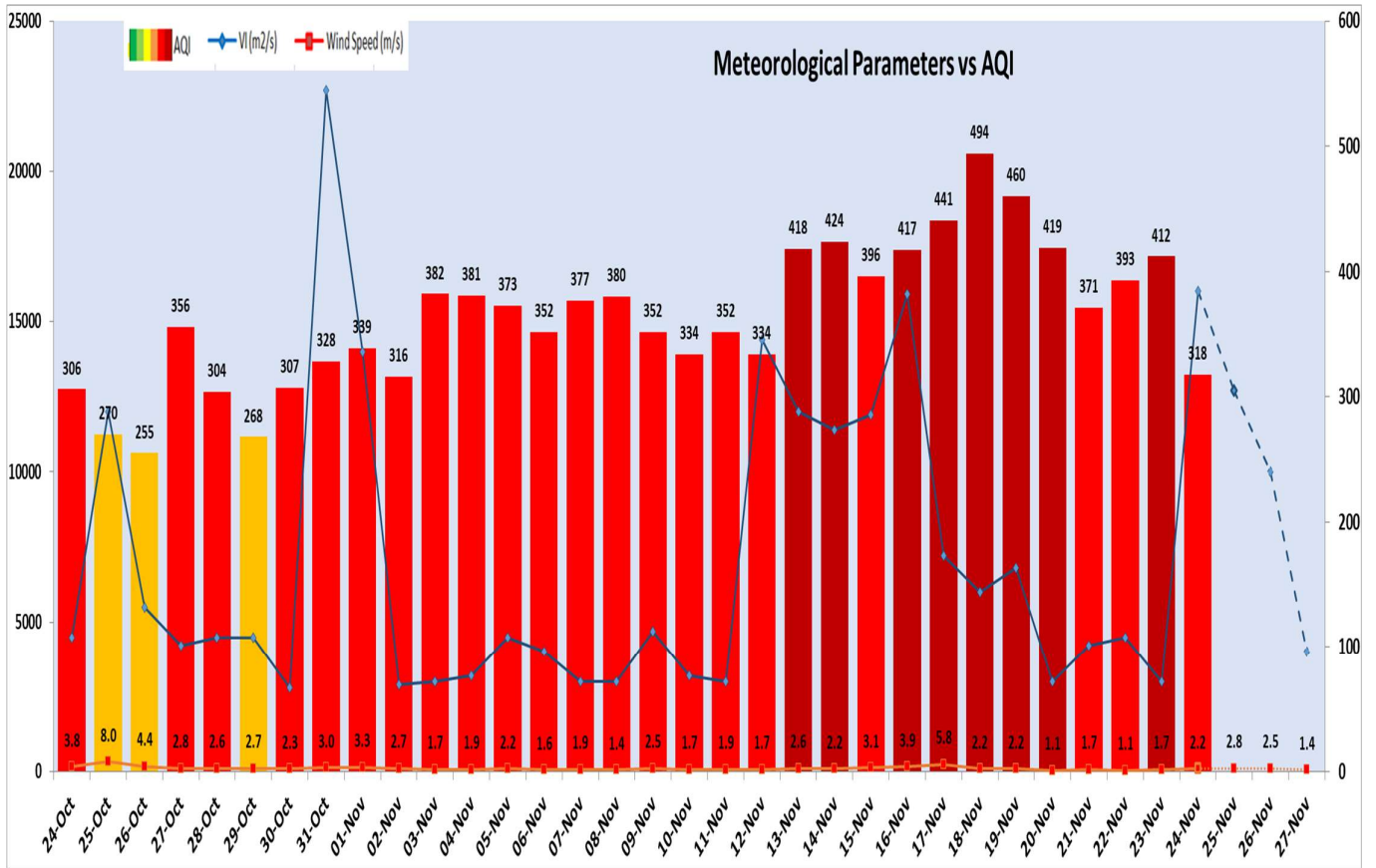
IMD Alert for Tomorrow (25.11.2024):

The air quality is likely to be in Very Poor category on 25.11.2024 to 27.11.2024. The predominant surface wind is likely to be from northwest 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 12 kmph from northwest direction during afternoon. It will decrease thereafter becoming less than 08 kmph from northwest direction during evening and night. Smog/ shallow fog is likely in the evening/night and mainly clear sky on 25.11.2024. Ventilation index is likely to be 12700 m²/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
23.11.2024	162	10605	53	1263
23.11.2023	205	36323	23	2262
23.11.2022	140	49744	27	3549

% Share of Stubble burning to PM _{2.5} in Delhi	
23.11.2024	*As per IITM, the impact of stubble burning is ~ 19.6 %





Delhi Temperature in (°C) *		
Date	Minimum	Maximum
21-11-2024	10.2	26.8
22-11-2024	11.0	27.0
23-11-2024	11.4	27.2
24-11-2024	12.0	29.4

* Source – IMD (08:30 hrs.)

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	371	Very Poor	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	366	Very Poor	PM _{2.5}
	Wazirpur, Delhi - DPCC	365	Very Poor	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	360	Very Poor	PM _{2.5}
	Vivek Vihar, Delhi - DPCC	360	Very Poor	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	293	Poor	PM _{2.5}
Gurugram	NISE Gwal Pahari, Gurugram - IMD	269	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	312	Very Poor	PM _{2.5}
	Sanjay Nagar, Ghaziabad - UPPCB	275	Poor	PM _{2.5}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	259	Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	311	Very Poor	PM _{2.5}