



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 14, 2024



Current Air Quality Status:

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

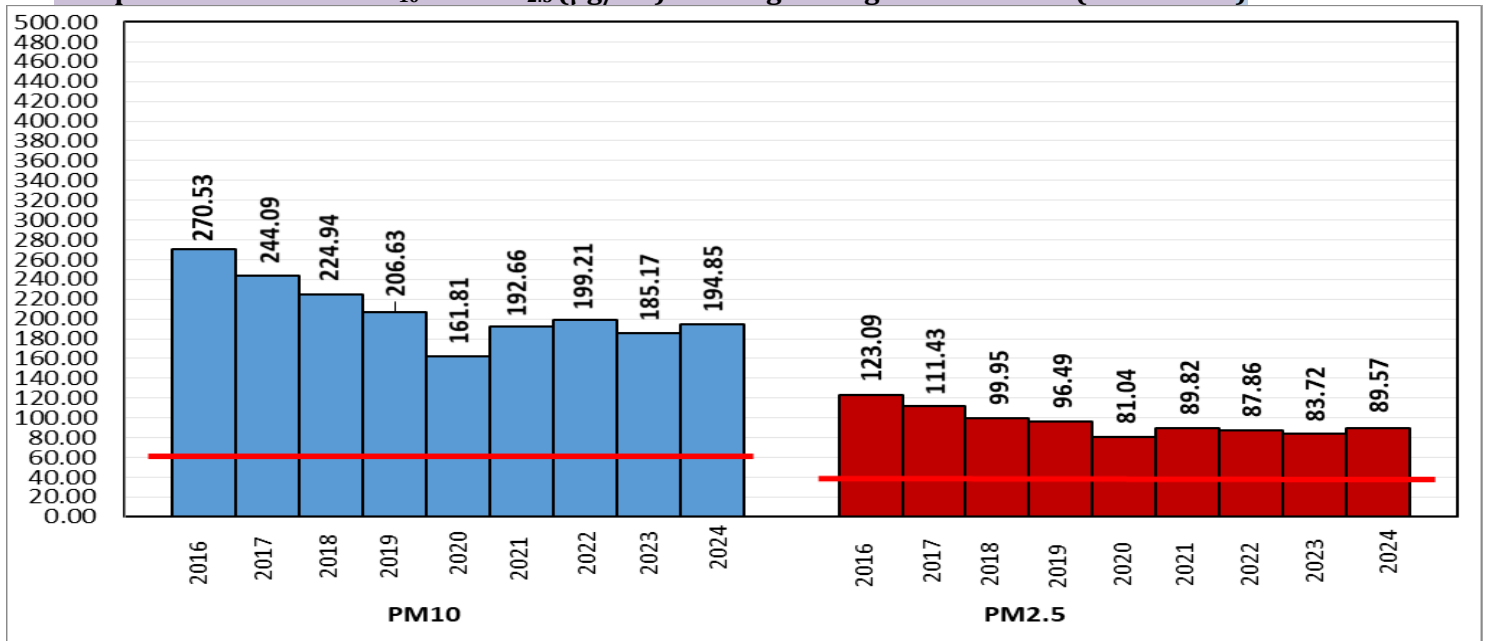
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Severe	424↑	PM _{2.5}	Very Poor	397↑	PM _{2.5} , PM ₁₀	Poor	294↓	PM _{2.5} , PM ₁₀
Faridabad	Poor	270↑	PM _{2.5}	Very Poor	384↑	PM ₁₀ , PM _{2.5}	Very Poor	316↑	PM _{2.5} , PM ₁₀
Ghaziabad	Very Poor	356↑	PM _{2.5}	Very Poor	356↑	PM _{2.5}	Poor	270↑	PM _{2.5} , PM ₁₀
Greater Noida	Poor	264↓	PM _{2.5} , PM ₁₀	Very Poor	348↑	PM _{2.5}	Poor	284↑	PM _{2.5} , PM ₁₀
Gurugram	Very Poor	318↓	PM _{2.5}	Very Poor	386↑	PM _{2.5}	Poor	230↓	PM _{2.5}
Noida	Very Poor	347↓	PM _{2.5}	Very Poor	364↑	PM _{2.5}	Poor	250↑	PM _{2.5} , PM ₁₀

*Data available for 39(2024), 35(2023), 37(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 14 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	307	318	318	318	319	318	318	318	318	319	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	224	197	160	206	201		
Moderate (101–200)		87	102	105	116	124	124	92	145	135											
Poor (201–300)		116	104	105	90	56	68	118	72	60											
Very Poor (301–400)		63	59	44	38	30	40	36	31	53	197	169	160	143	95	121	158	112	118		
Severe (>401)		18	6	11	15	9	13	4	9	5											

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Nov 13 (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 13.11.24 to 06:00 am of 14.11.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
13-Nov-2024	321↑	488↑

Hotspots for Today: *Details given below

Delhi	Dwarka-Sector 8, Patparganj, Mundka, Nehru Nagar, Punjabi Bagh	Ghaziabad	Loni, Vasundhara, Indirapuram
Faridabad	Sector- 16A, New Industrial Town, Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Vikas Sadan, NISE Gwal Pahari	Noida	Sector - 62

Forecast by IITM(Delhi):

	Nov 15, 2024	Nov 16, 2024	Nov 17, 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 15, 2024	06-12	07	23	NW	NW
Nov 16, 2024	06-16	06	20	VAR	W
Nov 17, 2024	04-12	07	23	NW	NW

IMD Alert for Tomorrow (15.11.2024):

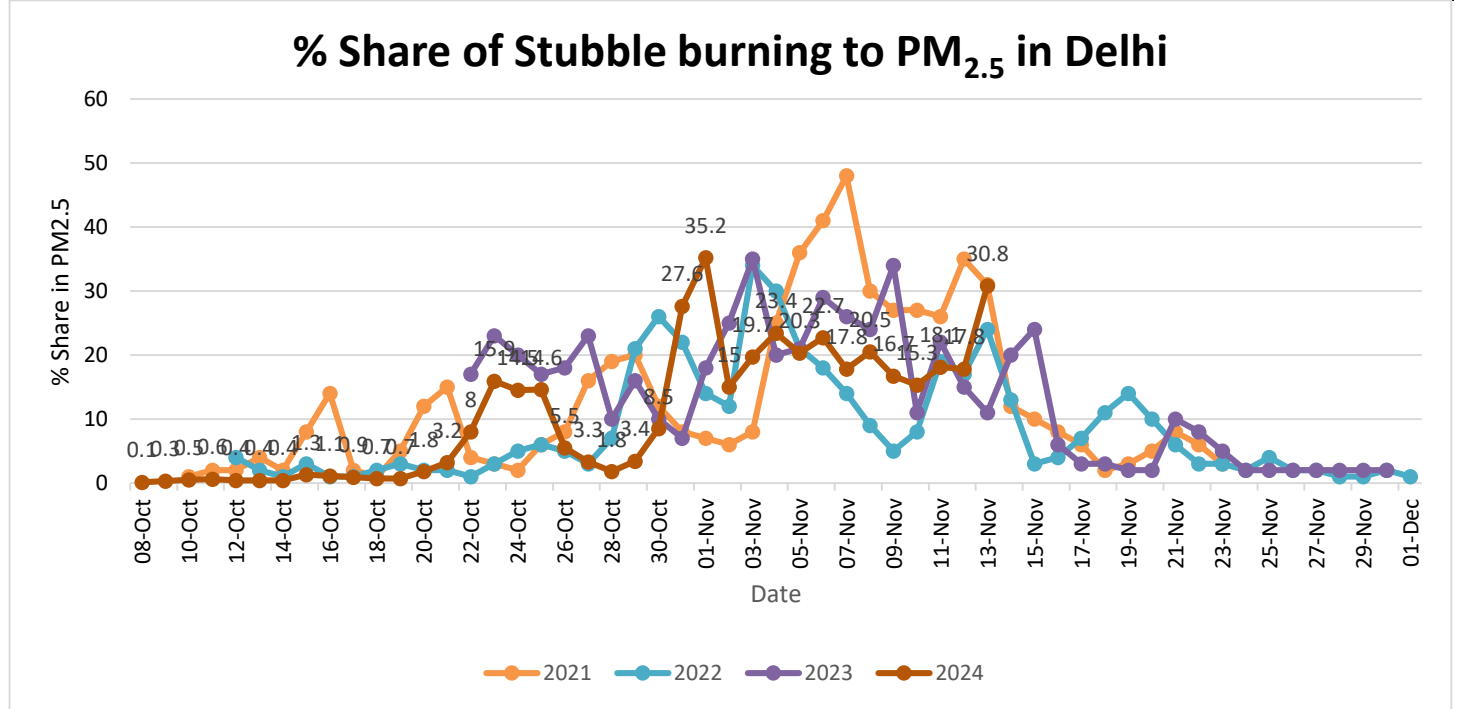
The air quality is likely to be in Very Poor category from 15.11.2024 to 17.11.2024. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 06-12 kmph, smog/moderate to dense fog at few places likely in the morning, smog/mist is likely in the evening/night and mainly clear sky on 15.11.2024. Ventilation index is likely to be 11000 m²/s.

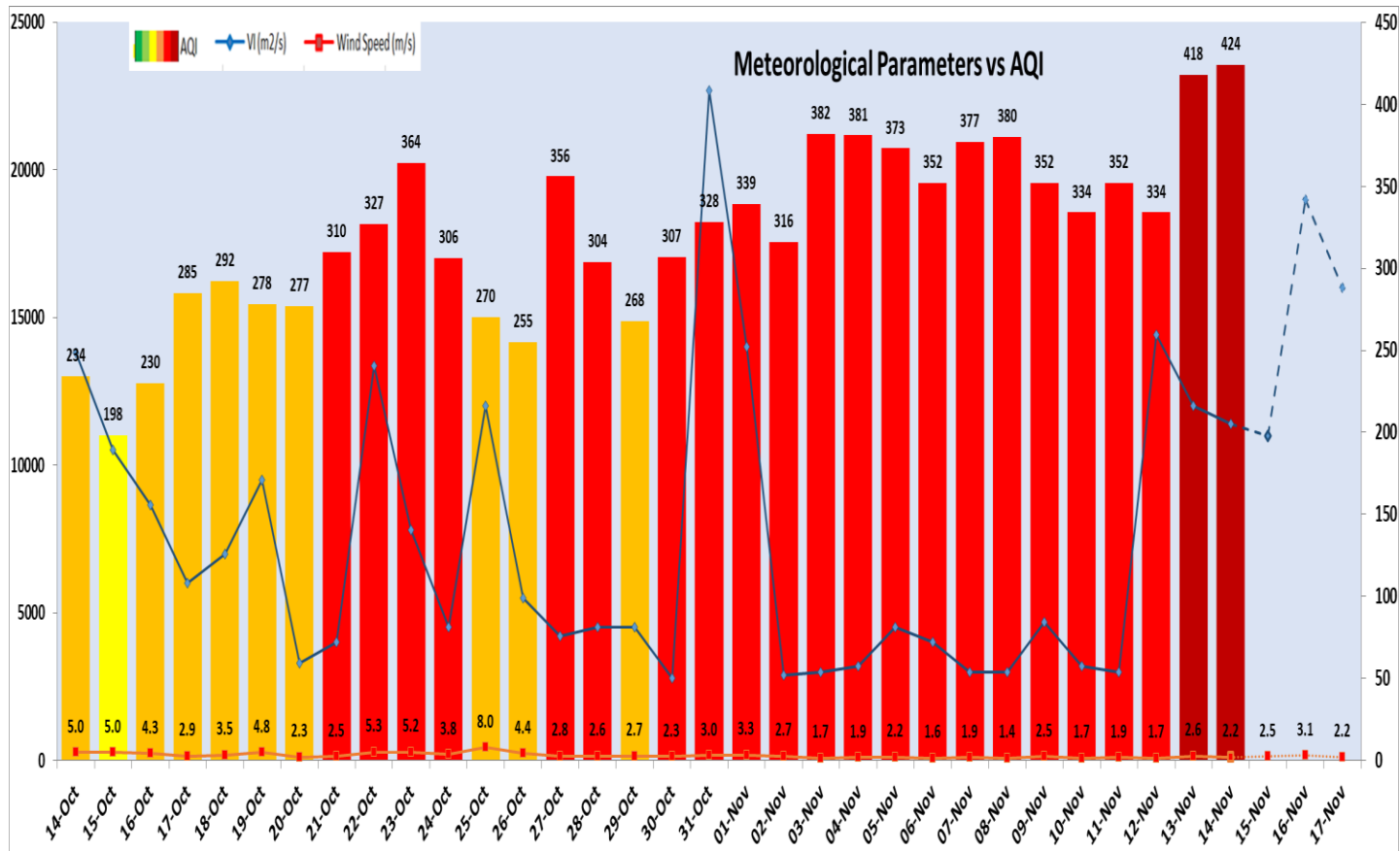
Active Fire Events (AFE):

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
13.11.2024	509	7621	04	1024
13.11.2023	1624	26341	44	1857
13.11.2022	2175	45319	132	3111

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

13.11.2024 *As per IITM, the impact of stubble burning is ~ 30.8 %





Date	Minimum	Maximum
11-11-2024	17.2	31.6
12-11-2024	17.9	32.4
13-11-2024	17.0	32.8
14-11-2024	16.1	27.8

* Source – IMD (08:30 hrs.)

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Dwarka-Sector 8, Delhi - DPCC	471	Severe	PM _{2.5}
	Patparganj, Delhi - DPCC	471	Severe	PM _{2.5}
	Mundka, Delhi - DPCC	469	Severe	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	462	Severe	PM _{2.5}
	Punjabi Bagh, Delhi - DPCC	460	Severe	PM _{2.5}
Faridabad	Sector- 16A, Faridabad - HSPCB	349	Very Poor	PM _{2.5}
	New Industrial Town, Faridabad - HSPCB	345	Very Poor	PM _{2.5}
	Sector 11, Faridabad - HSPCB	284	Poor	PM _{2.5}
Gurugram	Vikas Sadan, Gurugram - HSPCB	364	Very Poor	PM _{2.5}
	NISE Gwal Pahari, Gurugram - IMD	351	Very Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	398	Very Poor	PM _{2.5}
	Vasundhara, Ghaziabad - UPPCB	378	Very Poor	PM _{2.5}
	Indirapuram, Ghaziabad - UPPCB	361	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	293	Poor	PM ₁₀
Noida	Sector - 62, Noida - IMD	377	Very Poor	PM _{2.5}