



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 01, 2024



Current Air Quality Status:

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

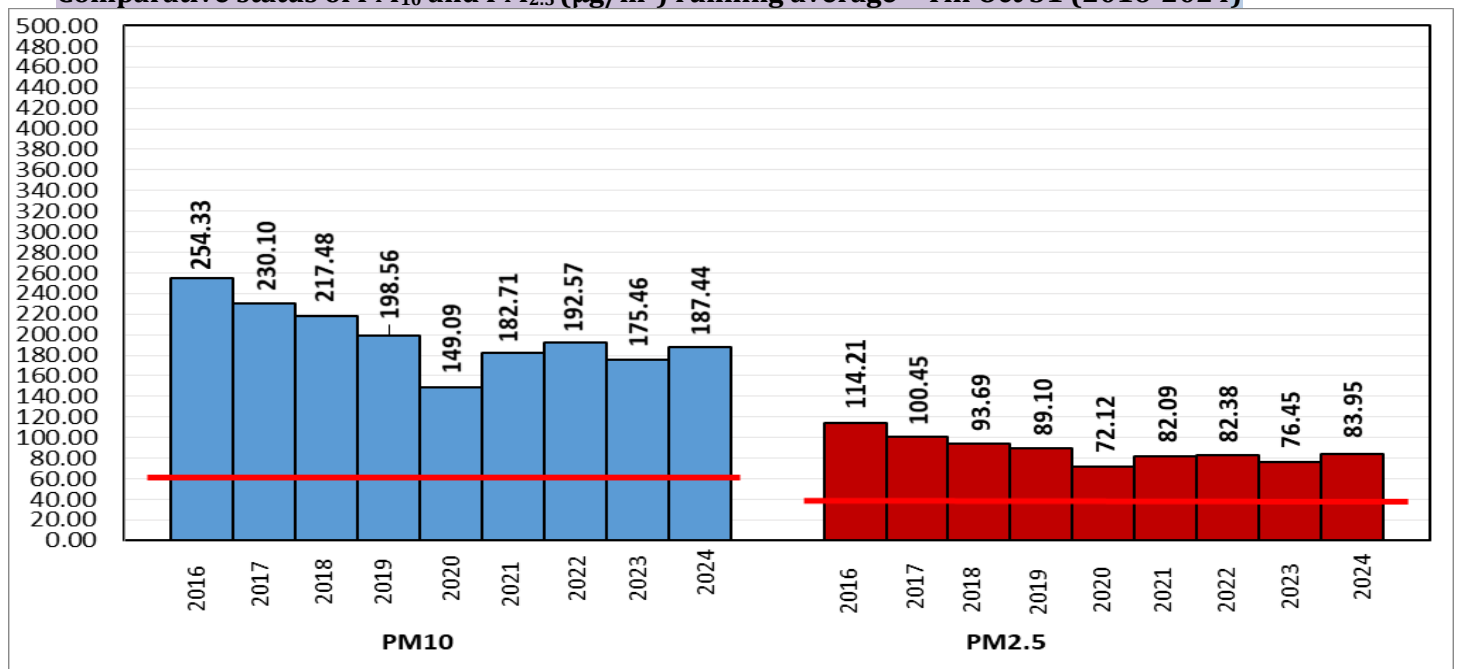
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	339↑	PM _{2.5}	Very Poor	364↑	PM _{2.5} , PM ₁₀	Severe	424↑	PM _{2.5}
Faridabad	Poor	202↓	PM _{2.5} , PM ₁₀	Very Poor	309↓	PM _{2.5}	Severe	403↑	PM ₁₀ , PM _{2.5}
Ghaziabad	Very Poor	306↑	PM _{2.5}	Poor	254↑	PM _{2.5}	Very Poor	381↑	PM _{2.5}
Greater Noida	Poor	258↑	PM ₁₀	Very Poor	354↓	PM _{2.5}	Severe	402↑	PM ₁₀ , PM _{2.5}
Gurugram	Very Poor	309↑	PM _{2.5}	Poor	226↓	PM _{2.5}	Very Poor	390↑	PM _{2.5}
Noida	Poor	274↑	PM _{2.5}	Very Poor	312↓	PM _{2.5}	Very Poor	398↑	PM ₁₀ , PM _{2.5}

*Data available for 39(2024), 35(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 01 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	294	305	305	305	306	305	305	305	306										
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	157	175	224	197	160	206	201	
Moderate (101–200)		87	102	104	116	124	124	92	145	135										
Poor (201–300)		116	103	103	88	55	68	115	69	60										
Very Poor (301–400)		59	52	38	32	25	34	28	27	42	184	156	148	130	82	108	145	99	105	
Severe (>401)		9	1	7	10	2	6	2	3	3										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Oct 31 (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 31.10.24 to 06:00 am of 01.11.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
31-Oct -2024	258↑	373↑

Hotspots for Today: *Details given below

Delhi	Anand Vihar, R K Puram, Sonia Vihar, Pusa, Punjabi Bagh	Ghaziabad	Loni, Sanjay Nagar
Faridabad	Sector 11, New Industrial Town	Greater Noida	Knowledge Park - III
Gurugram	Sector-51, NISE Gwal Pahari	Noida	Sector - 62, Sector-1

Forecast by IITM(Delhi):

	Nov 02, 2024	Nov 03, 2024	Nov 04, 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 02, 2024	UPTO 12	06	04	NE/E	W
Nov 03, 2024	08-10	04	02	E/SE	SE
Nov 04, 2024	08-10	05	07	E/SE	NW

IMD Alert for Tomorrow (02.11.2024):

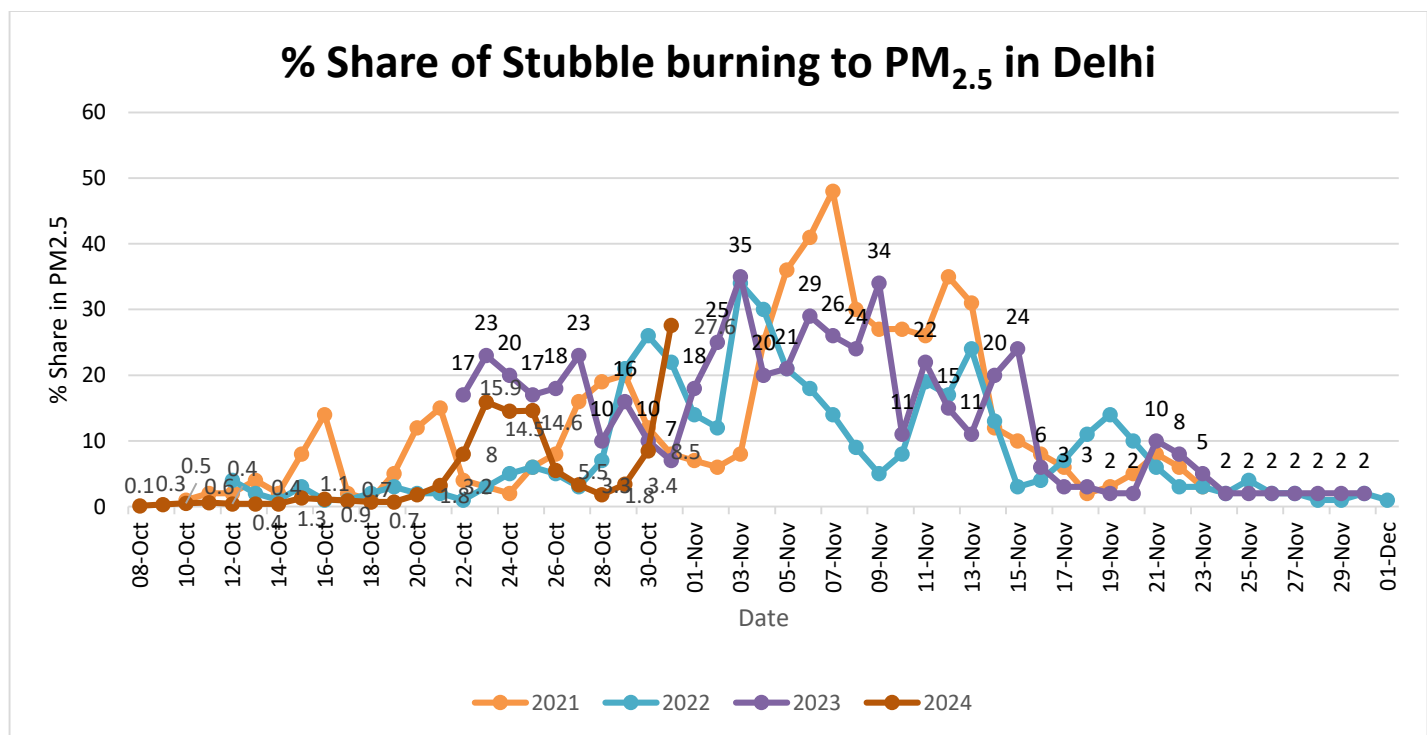
The air quality is likely to be in upper end of Very Poor category from 02.11.2024 to 04.11.2024. The predominant surface wind is likely to be calm during morning hours and coming from Northeast/East direction in Delhi with wind speed 12-10 kmph, and mainly clear sky on 02.11.2024. Ventilation index is likely to be 1800 m²/s.

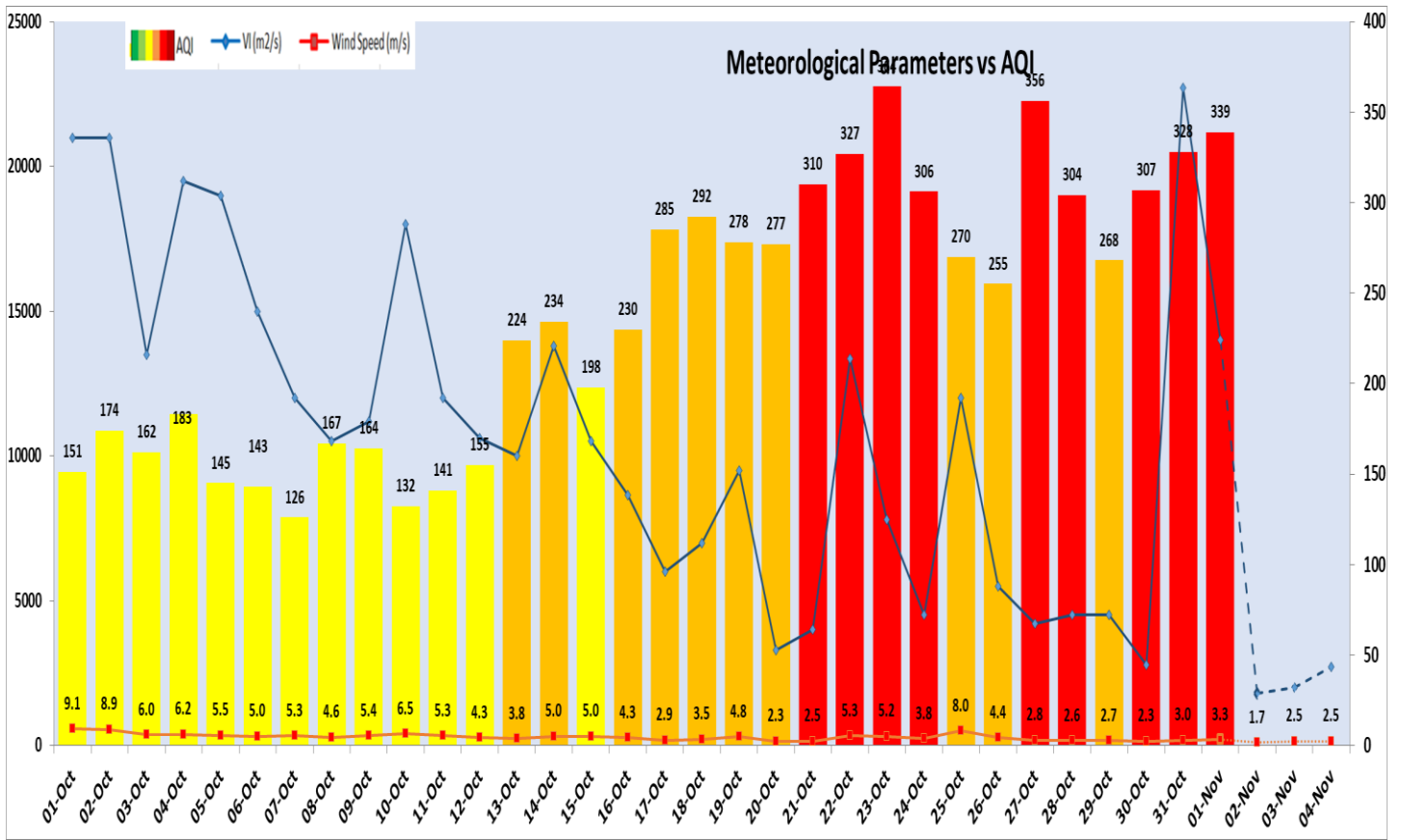
Active Fire Events (AFE):

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
31.10.2024	484	2950	42	784
31.10.2023	1389	7673	51	1197
31.10.2022	2131	16004	70	1995

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

31.10.2024	*As per IITM, the impact of stubble burning is ~ 27.6 %
------------	---





Date	Minimum	Maximum
29-10-2024	20.3	34.4
30-10-2024	21.0	35.8
31-10-2024	21.1	36.1
01-11-2024	18.4	34.1

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	389	Very Poor	PM _{2.5}
	R K Puram, Delhi - DPCC	381	Very Poor	PM _{2.5}
	Sonia Vihar, Delhi - DPCC	378	Very Poor	PM _{2.5}
	Pusa, Delhi - DPCC	375	Very Poor	PM _{2.5}
	Punjabi Bagh, Delhi - DPCC	374	Very Poor	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	234	Poor	PM _{2.5}
	New Industrial Town, Faridabad - HSPCB	213	Poor	PM ₁₀
Gurugram	Sector-51, Gurugram - HSPCB	354	Very Poor	PM _{2.5}
	NISE Gwal Pahari, Gurugram - IMD	341	Very Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	344	Very Poor	PM _{2.5}
	Sanjay Nagar, Ghaziabad - UPPCB	327	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	268	Poor	PM ₁₀
Noida	Sector - 62, Noida - IMD	321	Very Poor	PM _{2.5}
	Sector-1, Noida - UPPCB	287	Poor	PM _{2.5}