



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 31, 2024



Current Air Quality Status:

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

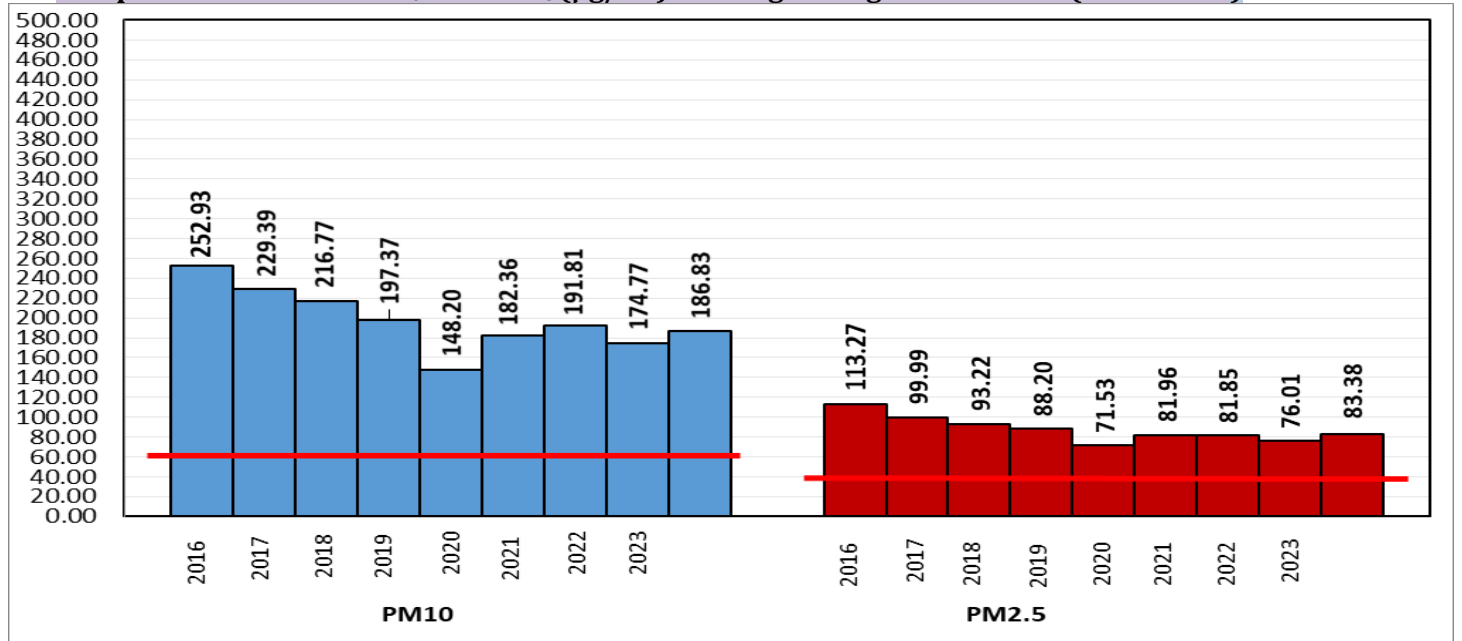
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	328↑	PM _{2.5} , PM ₁₀	Very Poor	359↑	PM ₁₀ , PM _{2.5}	Very Poor	392↑	PM ₁₀ , PM _{2.5}
Faridabad	Poor	251↑	PM _{2.5} , PM ₁₀	Very Poor	320↑	PM ₁₀ , PM _{2.5}	Very Poor	363↓	PM ₁₀ , PM _{2.5}
Ghaziabad	Poor	273↑	PM _{2.5}	Poor	251↓	PM _{2.5}	Very Poor	353↑	PM _{2.5}
Greater Noida	Poor	253↑	PM _{2.5} , PM ₁₀	Very Poor	375↑	PM _{2.5}	Very Poor	352↓	PM ₁₀ , PM _{2.5}
Gurugram	Poor	296↑	PM _{2.5}	Poor	254↑	PM _{2.5}	Very Poor	376↑	PM _{2.5}
Noida	Poor	257↑	PM _{2.5}	Very Poor	329↑	PM ₁₀	Very Poor	374↑	PM ₁₀ , 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 31 Oct 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	293	304	304	304	305	304	304	304	305	293	304	304	304	305	304	304	304	305	
Good (0–50)		0	2	0	2	5	1	3	1	0	0	0	0	0	0	0	0	0	0	0
Satisfactory (51–100)		23	45	53	57	95	72	65	60	66	110	149	157	175	224	197	160	206	201	201
Moderate (101–200)		87	102	104	116	124	124	92	145	135	110	149	157	175	224	197	160	206	201	201
Poor (201–300)		116	103	103	88	55	67	115	69	60	183	155	147	129	81	107	144	98	104	104
Very Poor (301–400)		58	51	37	32	24	34	28	26	41	183	155	147	129	81	107	144	98	104	104
Severe (>401)		9	1	7	9	2	6	1	3	3	183	155	147	129	81	107	144	98	104	104

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Oct 30 (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 30.10.24 to 06:00 am of 31.10.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
30-Oct -2024	171↑	342↑

Hotspots for Today: *Details given below

Delhi	Anand Vihar, R K Puram, Jahangirpuri, Wazirpur, Punjabi Bagh	Ghaziabad	Loni, Sanjay Nagar
Faridabad	Sector 11, New Industrial Town	Greater Noida	Knowledge Park - III
Gurugram	NISE Gwal Pahari, Vikas Sadan	Noida	Sector - 62, Sector-1, Sector-116

Forecast by IITM(Delhi):

	Nov 01, 2024	Nov 02, 2024	Nov 03, 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 01, 2024	04-14	09	25	NW	NW
Nov 02, 2024	UPTO 10	02	07	NE/E	W
Nov 03, 2024	08-04	02	04	SE/E	W

IMD Alert for Tomorrow (01.11.2024):

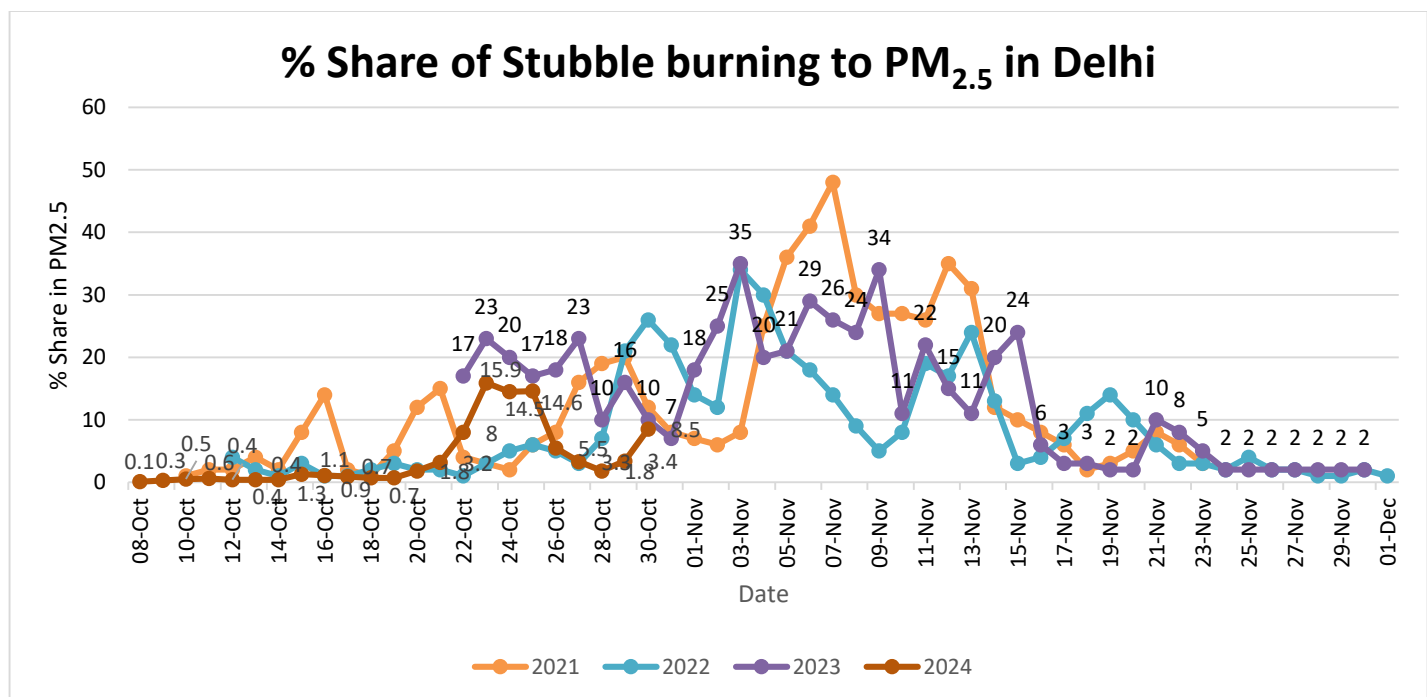
The air quality is likely to be in Very Poor category from 01.11.2024 to 03.11.2024. The air quality may reach in severe category on 01.11.2024 in case of additional emissions from firecrackers and stubble/waste fires. The predominant surface wind is likely to be coming from Northwest direction in Delhi with wind speed 04-14 kmph, mist in the morning and mainly clear sky on 01.11.2024. Ventilation index is likely to be 18000 m²/s.

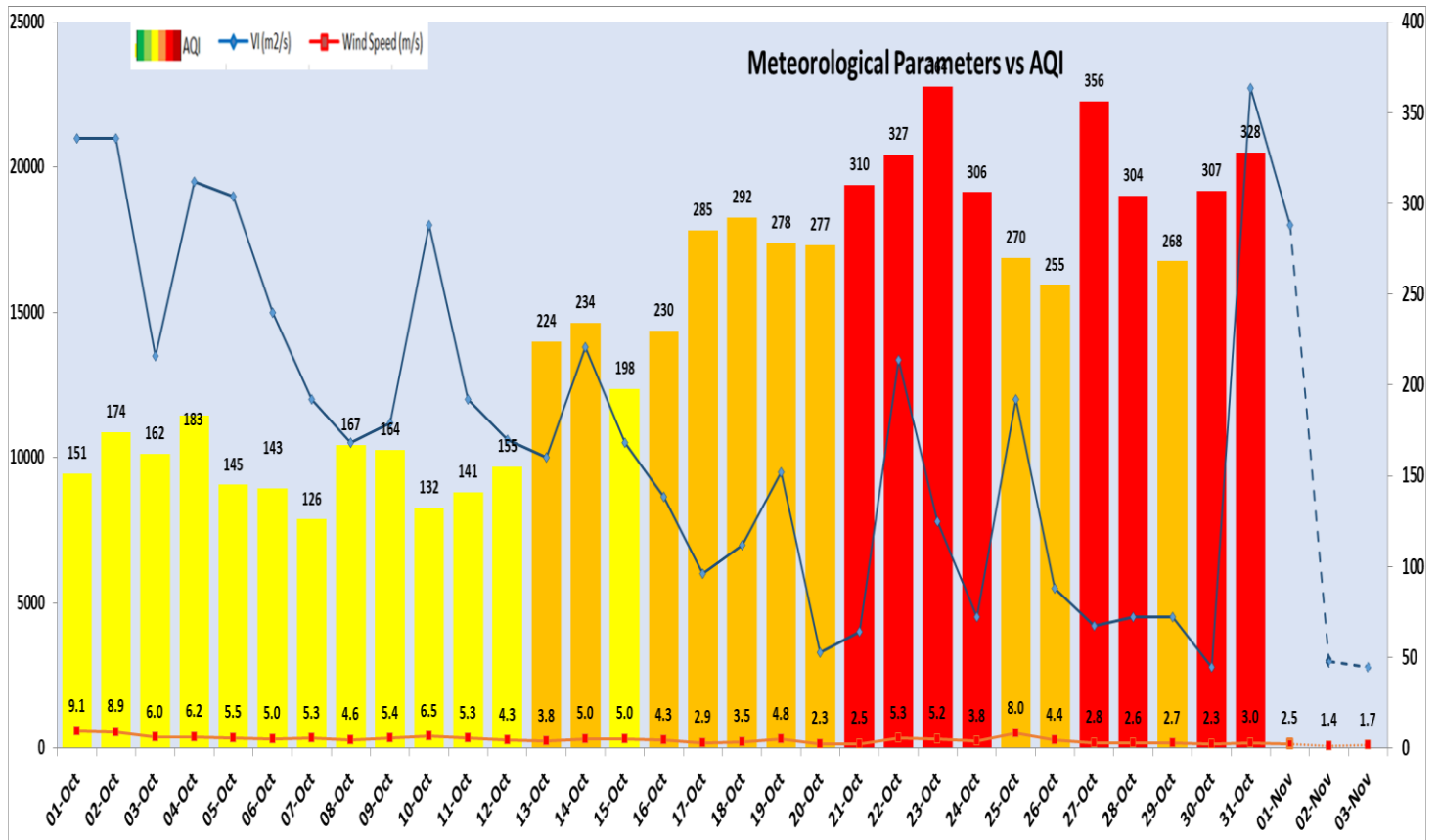
Active Fire Events (AFE):

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
30.10.2024	110	2466	03	742
30.10.2023	1030	6284	52	1146
30.10.2022	1761	13873	112	1925

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

30.10.2024 *As per IITM, the impact of stubble burning is ~ 8.5 %





Date	Minimum	Maximum
28-10-2024	20.4	34.2
29-10-2024	20.3	34.4
30-10-2024	21.0	35.8
31-10-2024	21.1	36.1

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	401	Severe	PM ₁₀
	R K Puram, Delhi - DPCC	384	Very Poor	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	378	Very Poor	PM ₁₀
	Wazirpur, Delhi - DPCC	372	Very Poor	PM ₁₀
	Punjabi Bagh, Delhi - DPCC	369	Very Poor	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	323	Very Poor	PM _{2.5}
	New Industrial Town, Faridabad - HSPCB	270	Poor	PM ₁₀
Gurugram	NISE Gwal Pahari, Gurugram - IMD	332	Very Poor	PM _{2.5}
	Vikas Sadan, Gurugram - HSPCB	313	Very Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	284	Poor	PM _{2.5}
	Sanjay Nagar, Ghaziabad - UPPCB	277	Poor	PM _{2.5}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	263	Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	270	Poor	PM _{2.5}
	Sector-1, Noida - UPPCB	259	Poor	PM _{2.5}
	Sector-116, Noida - UPPCB	259	Poor	PM _{2.5}