



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 18, 2024



Current Air Quality Status:

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

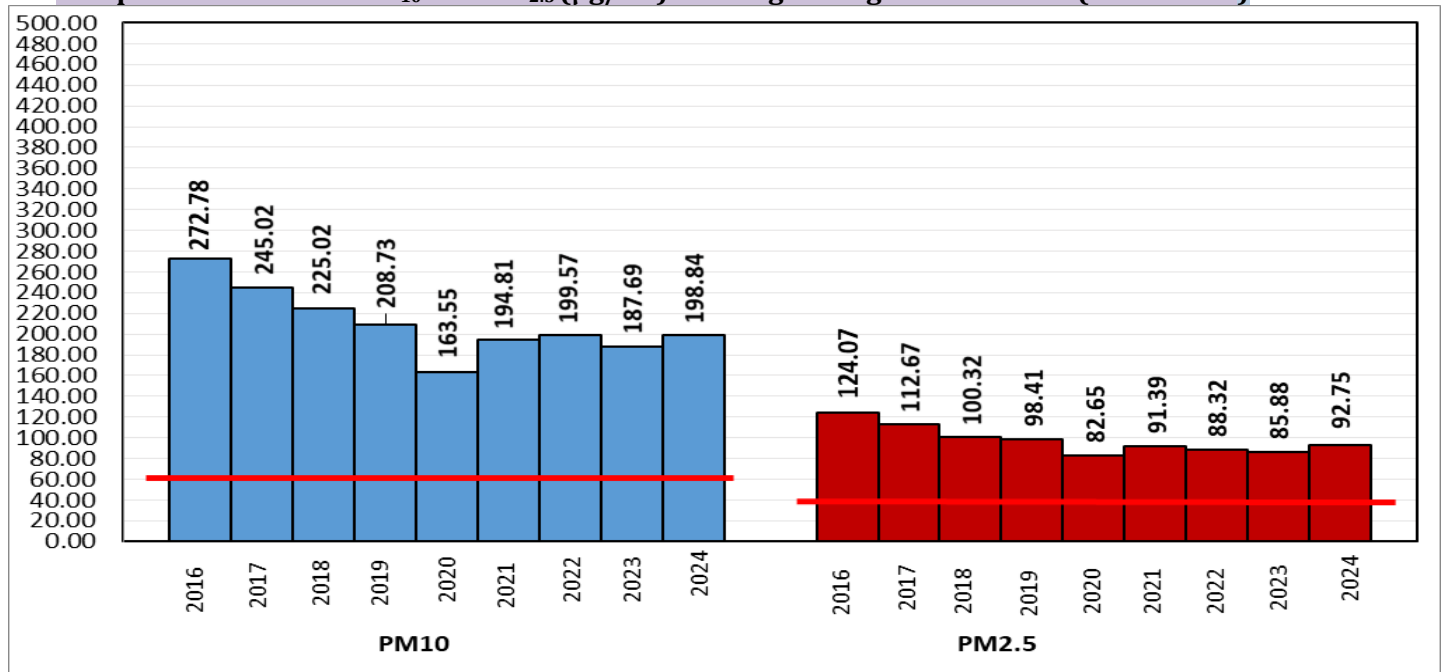
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Severe	494↑	PM _{2.5}	Very Poor	319↓	PM _{2.5}	Poor	289↑	PM _{2.5}
Faridabad	Very Poor	367↑	PM ₁₀ , PM _{2.5}	Very Poor	309↓	PM ₁₀ , PM _{2.5}	Poor	258↑	PM _{2.5}
Ghaziabad	Severe	438↑	PM _{2.5}	Poor	276↓	PM _{2.5} , PM ₁₀	Poor	232↑	PM _{2.5}
Greater Noida	Very Poor	372↑	PM _{2.5}	Poor	228↓	PM _{2.5}	Poor	228↑	PM ₁₀ , PM _{2.5}
Gurugram	Severe	469↑	PM _{2.5}	Very Poor	322↓	PM _{2.5}	Poor	264↑	PM _{2.5}
Noida	Severe	423↑	PM _{2.5}	Poor	265↓	PM _{2.5}	Poor	223↑	PM _{2.5}

*Data available for 36(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 18 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	311	322	322	322	323	322	322	322	323	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	104	106	92	58	68	122	72	60										
Very Poor (301–400)		67	61	46	39	30	43	36	33	54	201	173	164	147	98	125	162	116	122	
Severe (>401)		18	8	12	16	10	14	4	11	8										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Nov 17 (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 17.11.24 to 06:00 am of 18.11.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
17-Nov-2024	454↑	640↑

Hotspots for Today: *Details given below

Delhi	Ashok Vihar, Bawana, Dwarka-Sector 8, Major Dhyan Chand National Stadium, Mundka	Ghaziabad	Loni, Vasundhara
Faridabad	New Industrial Town, Sector- 16A	Greater Noida	Knowledge Park - III
Gurugram	NISE Gwal Pahari	Noida	Sector - 62, Sector-1

Forecast by IITM(Delhi):

	Nov 19, 2024	Nov 20, 2024	Nov 21, 2024
AQI Category	Severe	Severe	Severe

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 19, 2024	06-12	05	15	NW/NNW	NW
Nov 20, 2024	02-10	06	22	VAR	NW
Nov 21, 2024	02-08	04	16	VAR	NW

IMD Alert for Tomorrow (19.11.2024):

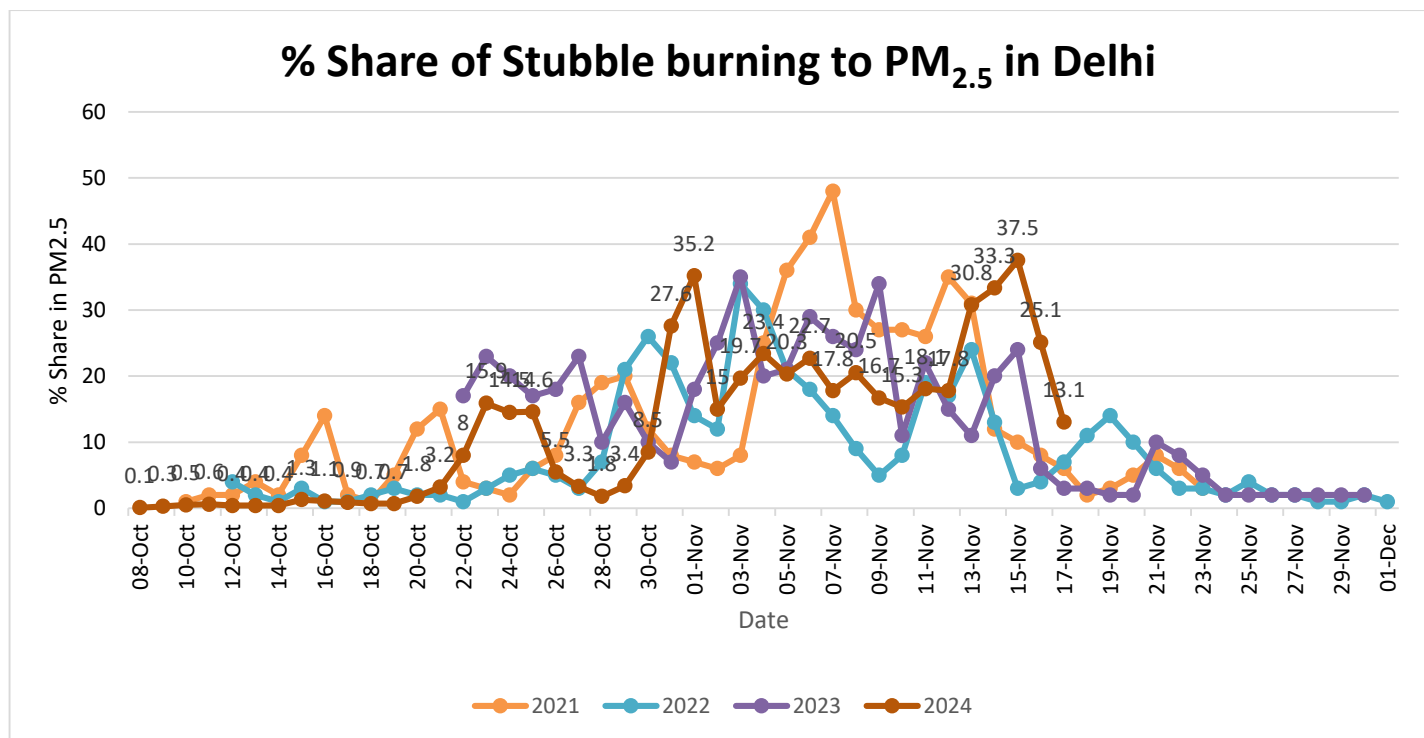
The air quality is likely to be in Severe category from 19.11.2024 to 21.11.2024. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 08-12 kmph, smog/ moderate to dense fog likely in the morning, smog/shallow fog is likely in the evening/night and mainly clear sky on 19.11.2024. Ventilation index is likely to be 6600 m²/s.

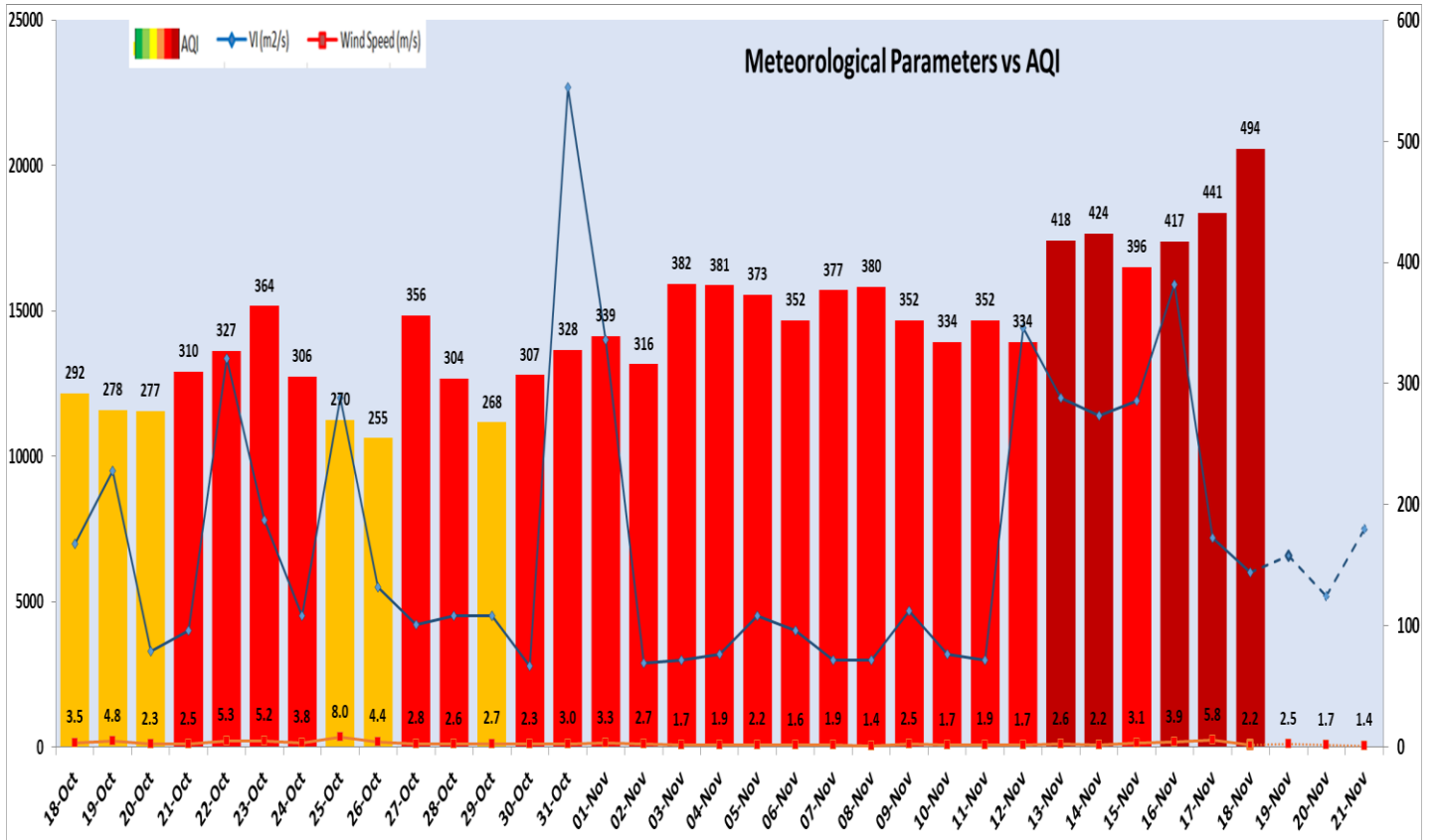
Active Fire Events (AFEs):

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
17.11.2024	404	8404	02	1082
17.11.2023	1150	33082	45	2031
17.11.2022	966	47788	39	3272

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

17.11.2024	*As per IITM, the impact of stubble burning is ~ 13.06 %
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Delhi Temperature in (°C)*

Date	Minimum	Maximum
15-11-2024	15.6	29.4
16-11-2024	15.3	30.5
17-11-2024	15.9	29.6
18-11-2024	16.2	27.2

* Source – IMD (08:30 hrs.)

*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Ashok Vihar, Delhi - DPCC	500	Severe	PM _{2.5}
	Bawana, Delhi - DPCC	500	Severe	PM _{2.5}
	Dwarka-Sector 8, Delhi - DPCC	500	Severe	PM _{2.5}
	Major Dhyan Chand National Stadium, Delhi - DPCC	500	Severe	PM _{2.5}
	Mundka, Delhi - DPCC	500	Severe	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	424	Severe	PM ₁₀
	Sector- 16A, Faridabad - HSPCB	396	Very Poor	PM _{2.5}
Gurugram	NISE Gwal Pahari, Gurugram - IMD	494	Severe	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	475	Severe	PM _{2.5}
	Vasundhara, Ghaziabad - UPPCB	453	Severe	PM _{2.5}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	388	Very Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	476	Severe	PM _{2.5}
	Sector-1, Noida - UPPCB	428	Severe	PM _{2.5}