



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 08, 2024



Current Air Quality Status:

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

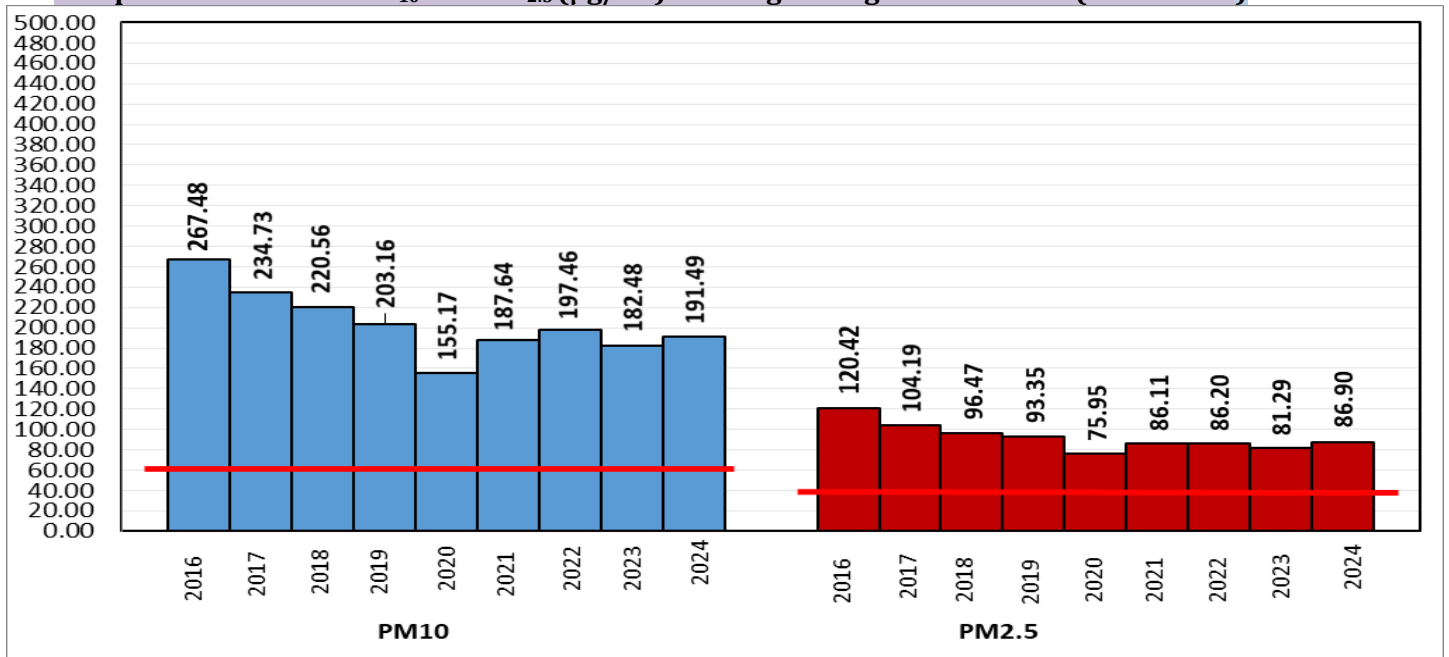
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	380↑	PM _{2.5}	Severe	426↑	PM _{2.5} , PM ₁₀	Very Poor	372↑	PM _{2.5}
Faridabad	Poor	235↓	PM _{2.5}	Severe	425↑	PM _{2.5}	Very Poor	345↑	PM _{2.5} , PM ₁₀
Ghaziabad	Very Poor	315↓	PM _{2.5}	Very Poor	384↑	PM _{2.5}	Very Poor	333↑	PM ₁₀
Greater Noida	Poor	286↓	PM _{2.5} , PM ₁₀	Severe	478↑	PM _{2.5}	Very Poor	348↑	PM _{2.5} , PM ₁₀
Gurugram	Poor	271↓	PM _{2.5}	Very Poor	385↑	PM _{2.5}	Poor	287↓	PM _{2.5}
Noida	Poor	271↓	PM _{2.5}	Severe	405↑	PM _{2.5} , PM ₁₀	Very Poor	331↑	PM _{2.5}

*Data available for 32(2024), 33(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 08 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	301	312	312	312	313	312	312	312	313										
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	104	105	89	56	68	115	69	60										
Very Poor (301–400)		62	56	42	36	27	38	33	29	49	191	163	155	137	89	115	152	106	112	
Severe (>401)		13	3	8	12	6	9	4	8	3										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Nov 07 (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 07.11.24 to 06:00 am of 08.11.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
07-Nov-2024	234↑	392↑

Hotspots for Today: *Details given below

Delhi	Bawana, Rohini, Jahangirpuri, New Moti Bagh, Wazirpur	Ghaziabad	Loni, Vasundhara
Faridabad	New Industrial Town, Sector- 16A	Greater Noida	Knowledge Park - III
Gurugram	Sector-51	Noida	Sector-116

Forecast by IITM(Delhi):

	Nov 09, 2024	Nov 10, 2024	Nov 11, 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 09, 2024	04-08	02	05	VAR	W
Nov 10, 2024	04-08	04	04	VAR	S
Nov 11, 2024	02-08	05	08	SE/NE	NW

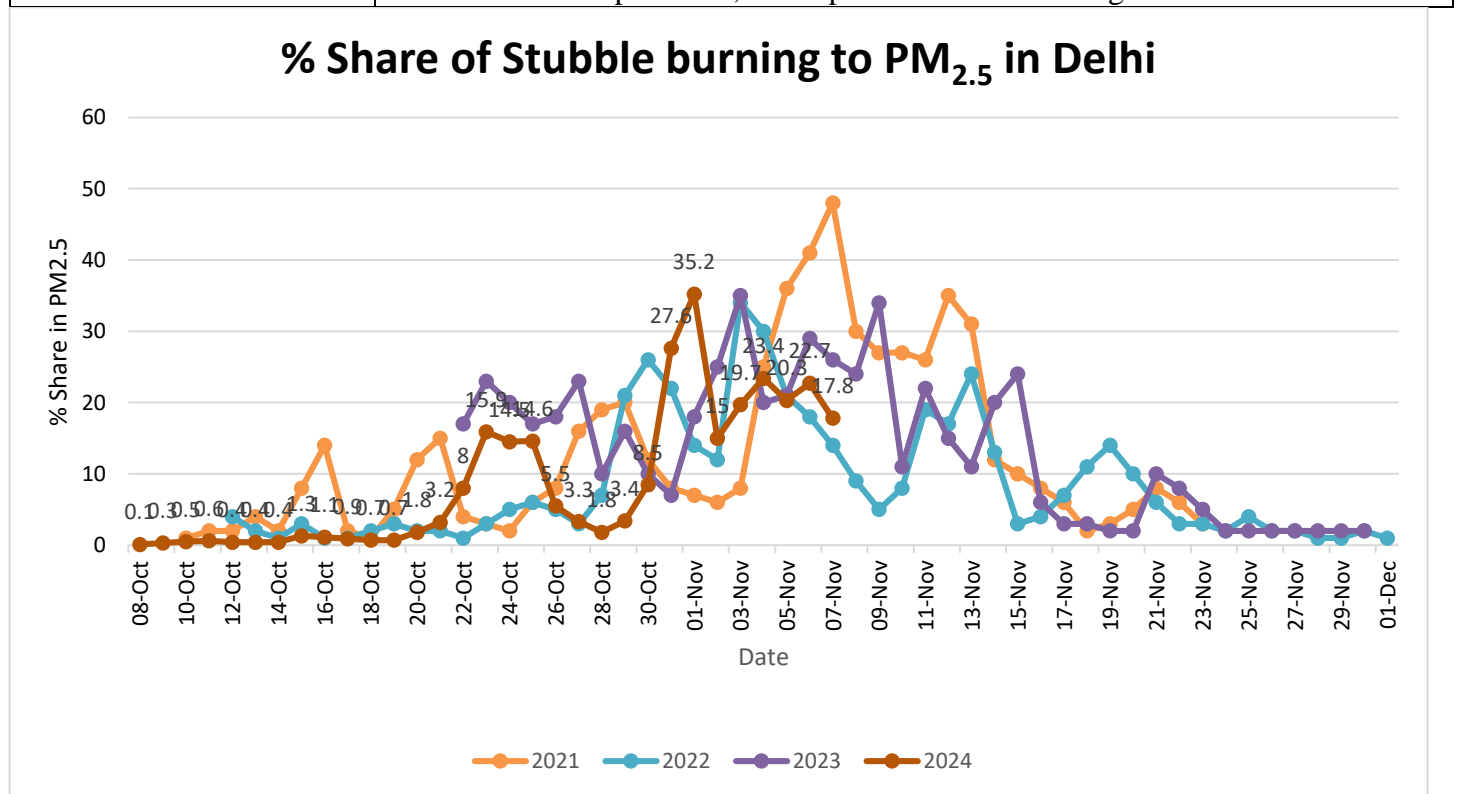
IMD Alert for Tomorrow (09.11.2024):

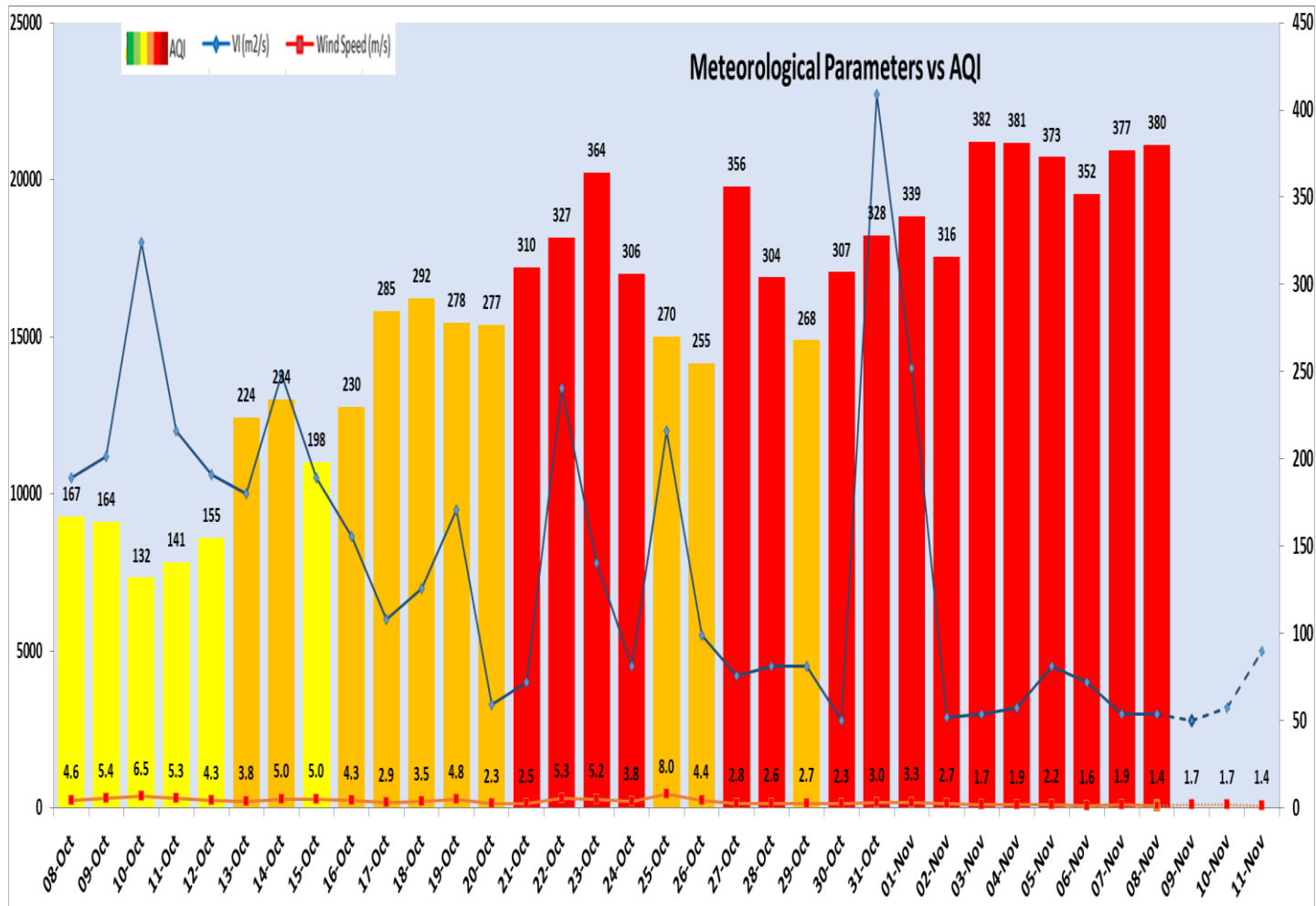
The air quality is likely to be in Very Poor category from 09.11.2024 to 11.11.2024. The predominant surface wind is likely to be coming from variable direction in Delhi with wind speed 04-08 kmph, smog/shallow fog likely in the morning, smog/mist is likely in the night and mainly clear sky on 09.11.2024. Ventilation index is likely to be 2800 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
07.11.2024	258	5299	18	906
07.11.2023	1515	20978	26	1605
07.11.2022	2487	32486	37	2613

% Share of Stubble burning to PM_{2.5} in Delhi
 07.11.2024 *As per IITM, the impact of stubble burning is ~ 17.8 %





Delhi Temperature in (°C)		
Date	Minimum	Maximum
05-11-2024	17.6	32.1
06-11-2024	17.2	32.6
07-11-2024	18.0	32.3
08-11-2024	18.1	31.7

* Source – IMD (08:30 hrs.)

***Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Bawana, Delhi - DPCC	425	Severe	PM _{2.5}
	Rohini, Delhi - DPCC	425	Severe	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	418	Severe	PM ₁₀
	New Moti Bagh, Delhi - MHUA	418	Severe	PM _{2.5}
	Wazirpur, Delhi - DPCC	416	Severe	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	280	Poor	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	272	Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	299	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	397	Very Poor	PM _{2.5}
	Vasundhara, Ghaziabad - UPPCB	339	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	316	Very Poor	PM _{2.5}
Noida	Sector-116, Noida - UPPCB	335	Very Poor	PM _{2.5}