



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 11, 2024



Current Air Quality Status:

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

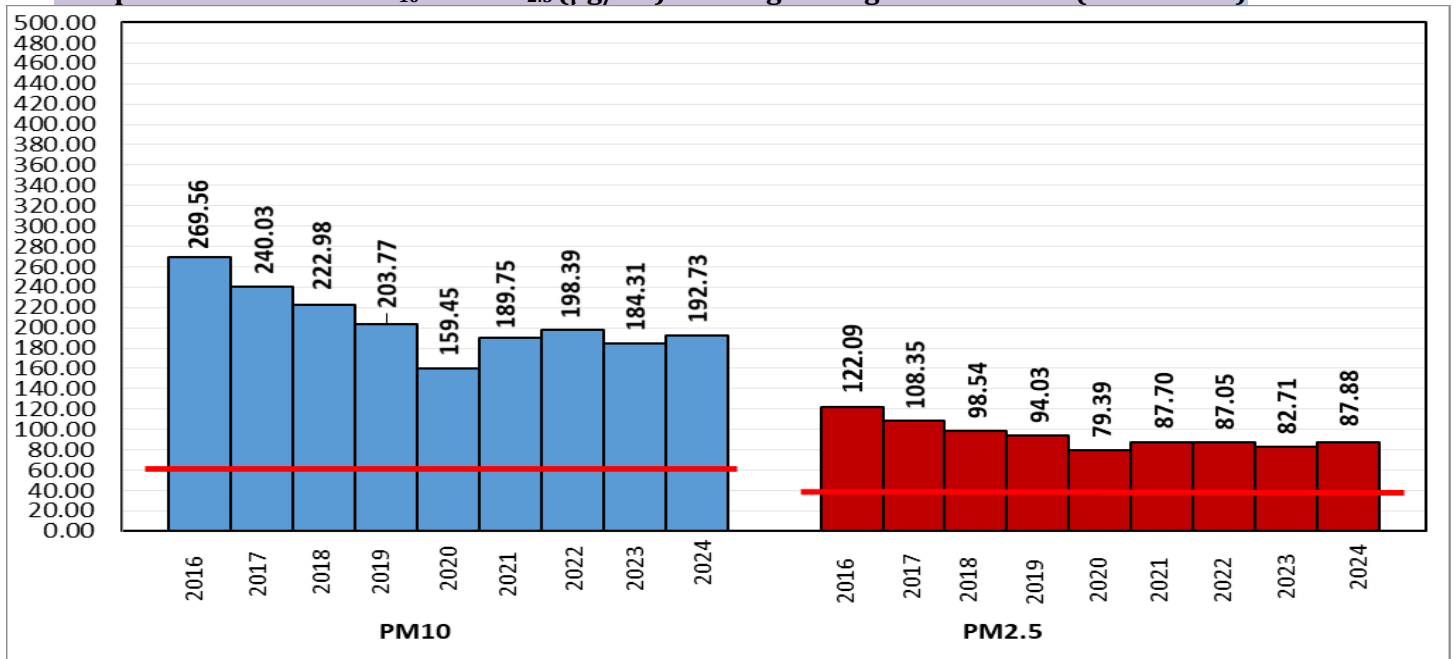
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	352↑	PM _{2.5} , PM ₁₀	Poor	220↓	PM _{2.5}	Very Poor	346↑	PM _{2.5} , PM ₁₀
Faridabad	Moderate	181↑	PM _{2.5}	Moderate	167↓	PM _{2.5}	Very Poor	304↑	PM _{2.5}
Ghaziabad	Poor	252↑	PM _{2.5}	Moderate	160↓	PM _{2.5}	Poor	285↓	PM ₁₀
Greater Noida	Poor	285↑	PM _{2.5} , PM ₁₀	Moderate	130↓	PM _{2.5}	Very Poor	311↓	PM _{2.5}
Gurugram	Poor	294↑	PM _{2.5}	Moderate	199↓	PM _{2.5}	Very Poor	353↑	PM _{2.5}
Noida	Poor	240↑	PM _{2.5}	Moderate	156↓	PM _{2.5}	Poor	286↑	PM _{2.5}

*Data available for 38(2024), 34(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 11 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	304	315	315	315	316	315	315	315	316										
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	117	70	60										
Very Poor (301–400)		63	59	43	38	28	39	34	30	52	194	166	157	140	92	118	155	109	115	
Severe (>401)		15	3	9	12	8	11	4	9	3										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Nov 10 (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 10.11.24 to 06:00 am of 11.11.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
10-Nov-2024	185↑	319↑

Hotspots for Today: *Details given below

Delhi	Jahangirpuri, Wazirpur, Rohini, Bawana, Punjabi Bagh	Ghaziabad	Vasundhara, Loni
Faridabad	New Industrial Town, Sector 30	Greater Noida	Knowledge Park - III
Gurugram	NISE Gwal Pahari, Sector-51	Noida	Sector - 62, Sector-116

Forecast by IITM(Delhi):

	Nov 12, 2024	Nov 13, 2024	Nov 14, 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 12, 2024	06-08	08	17	SE/NE	W
Nov 13, 2024	04-10	08	15	E/NE	NW
Nov 14, 2024	04-10	07	09	SE/NE	NW

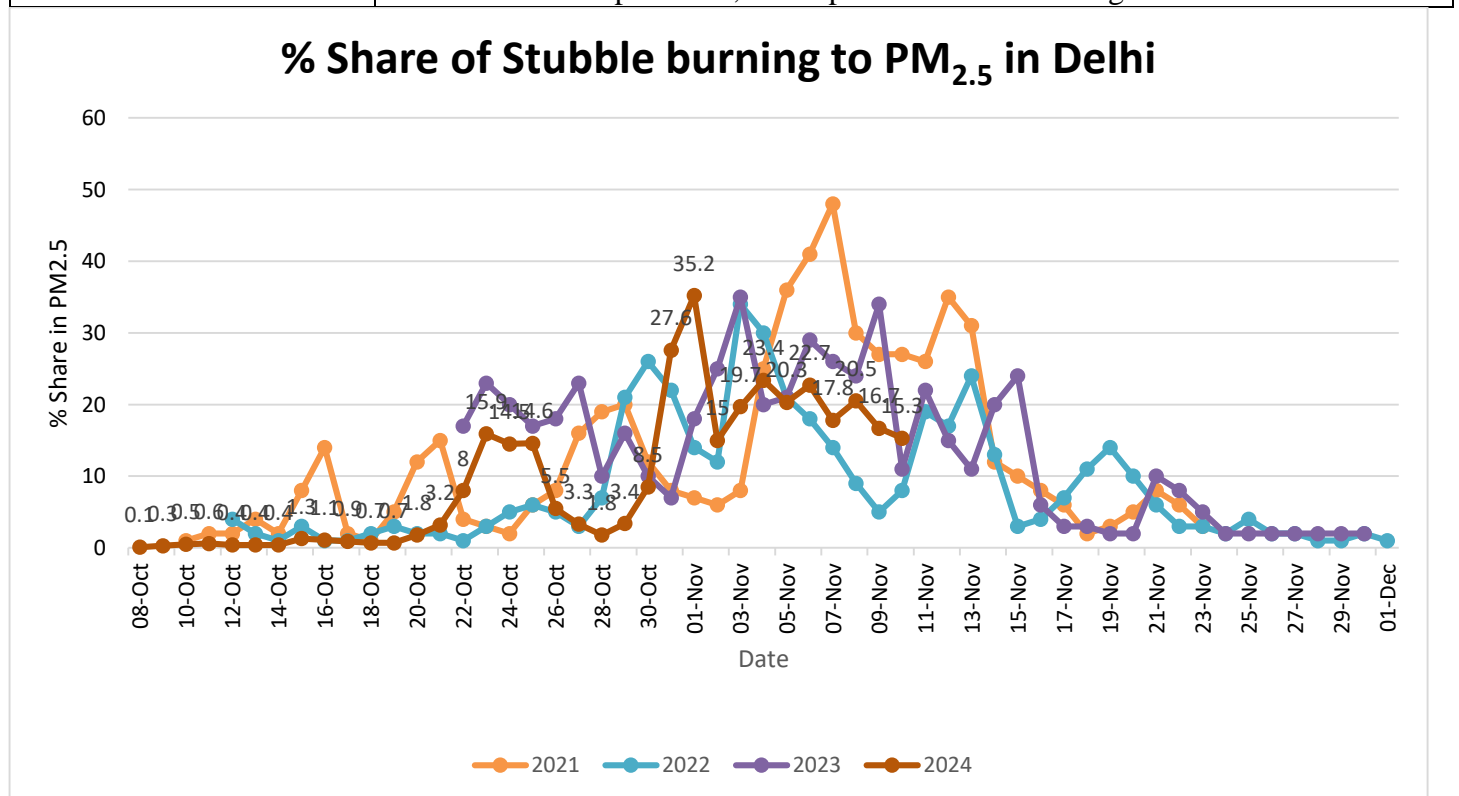
IMD Alert for Tomorrow (12.11.2024):

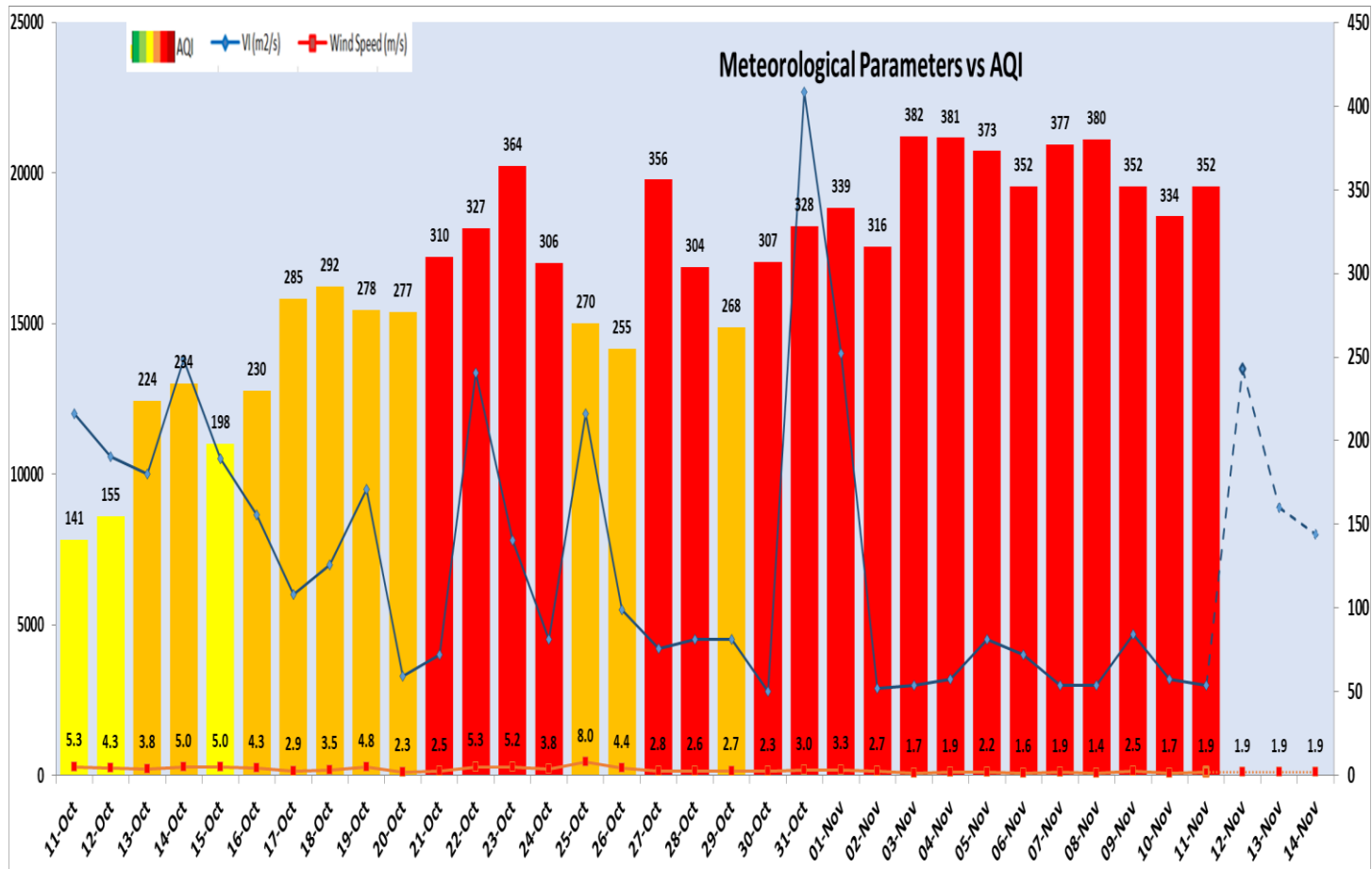
The air quality is likely to be in Very Poor category from 12.11.2024 to 14.11.2024. The predominant surface wind is likely to be coming from southeast/northeast directions in Delhi with wind speed 06-08 kmph, smog/mist/ shallow to moderate fog at few places likely in the morning, smog/mist is likely in the night and mainly clear sky on 12.11.2024. Ventilation index is likely to be 13500 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
10.11.2024	345	6611	22	981
10.11.2023	06	23626	00	1676
10.11.2022	1893	36761	35	2728

% Share of Stubble burning to PM_{2.5} in Delhi
 10.11.2024 *As per IITM, the impact of stubble burning is ~ 15.3 %





Delhi Temperature in (°C)

Date	Minimum	Maximum
08-11-2024	18.1	31.7
09-11-2024	18.3	31.7
10-11-2024	18.4	32.5
11-11-2024	17.2	31.6

* Source – IMD (08:30 hrs.)

*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Jahangirpuri, Delhi - DPCC	428	Severe	PM ₁₀
	Wazirpur, Delhi - DPCC	408	Severe	PM _{2.5}
	Rohini, Delhi - DPCC	402	Severe	PM _{2.5}
	Bawana, Delhi - DPCC	401	Severe	PM _{2.5}
	Punjabi Bagh, Delhi - DPCC	398	Very Poor	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	206	Poor	PM _{2.5}
	Sector 30, Faridabad - HSPCB	187	Moderate	PM _{2.5}
Gurugram	NISE Gwal Pahari, Gurugram - IMD	327	Very Poor	PM _{2.5}
	Sector-51, Gurugram - HSPCB	301	Very Poor	PM _{2.5}
Ghaziabad	Vasundhara, Ghaziabad - UPPCB	307	Very Poor	PM _{2.5}
	Loni, Ghaziabad - UPPCB	283	Poor	PM _{2.5}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	286	Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	305	Very Poor	PM _{2.5}
	Sector-116, Noida - UPPCB	297	Poor	PM _{2.5}