



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 28, 2024



Current Air Quality Status:

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

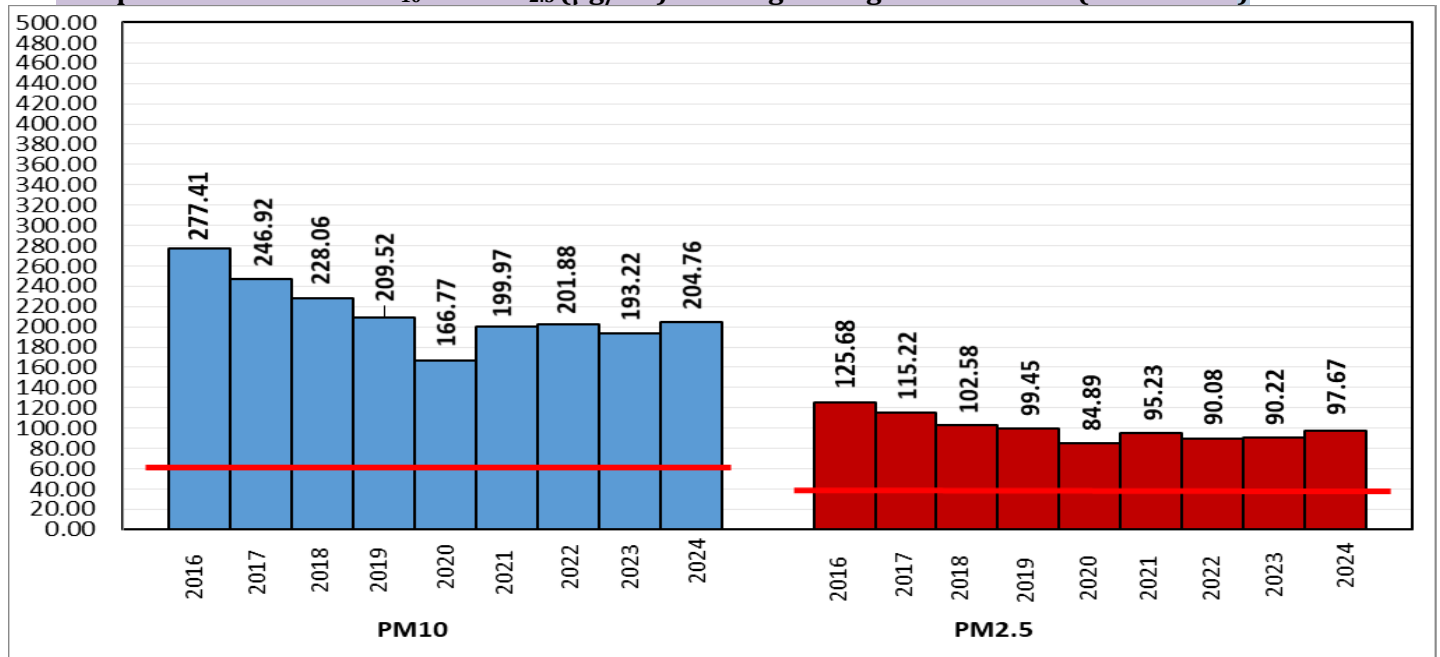
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	325↑	PM ₁₀ , PM _{2.5}	Very Poor	312↓	PM _{2.5}	Very Poor	333↑	PM ₁₀ , PM _{2.5}
Faridabad	Moderate	165↓	PM ₁₀ , PM _{2.5}	Poor	250↓	PM _{2.5}	Very Poor	314↑	PM _{2.5}
Ghaziabad	Poor	240↑	PM _{2.5}	Poor	250↓	PM _{2.5}	Very Poor	305↑	PM ₁₀
Greater Noida	Poor	276↑	PM ₁₀ , PM _{2.5}	Poor	274↓	PM _{2.5}	Very Poor	382↑	PM ₁₀ , PM _{2.5}
Gurugram	Poor	243↑	PM _{2.5}	Moderate	196↓	PM _{2.5}	Poor	283↓	PM _{2.5}
Noida	Poor	233↑	PM _{2.5}	Poor	261↓	PM _{2.5}	Very Poor	330↑	PM _{2.5}

*Data available for 39(2024), 36(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 28 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	321	332	332	332	333	332	332	332	333										
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	177	226	197	160	206	201	
Moderate (101–200)		87	102	105	118	126	124	92	145	135										
Poor (201–300)		118	106	110	96	64	69	127	72	60										
Very Poor (301–400)		75	69	52	43	32	49	41	42	61	211	183	174	155	107	135	172	126	132	
Severe (>401)		18	8	12	16	11	17	4	12	11										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Nov 27 (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 27.11.24 to 06:00 am of 28.11.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
27-Nov-2024	157↑	290↑

Hotspots for Today:		*Details given below	
Delhi	Mundka, Bawana, Jahangirpuri, Shadipur, Anand Vihar	Ghaziabad	Indirapuram, Loni, Vasundhara
Faridabad	New Industrial Town, Sector 11	Greater Noida	Knowledge Park - V
Gurugram	NISE Gwal Pahari, Vikas Sadan	Noida	Sector - 62, Sector-116

Forecast by IITM(Delhi):			
	Nov 29, 2024	Nov 30, 2024	Dec 01, 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 29, 2024	02-06	05	13	N	N
Nov 30, 2024	02-12	06	27	NW/W	NW
Dec 01, 2024	02-12	05	21	NW/NNW	NW

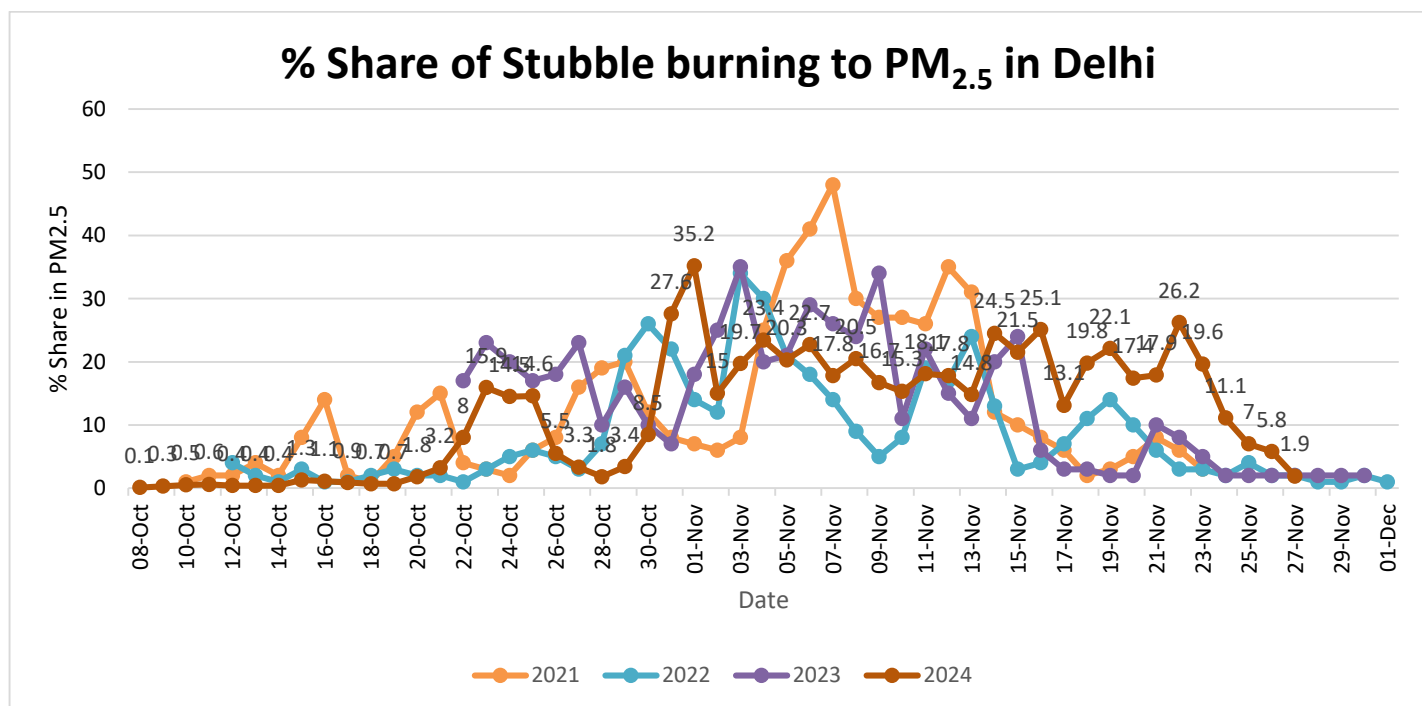
IMD Alert for Tomorrow (29.11.2024):

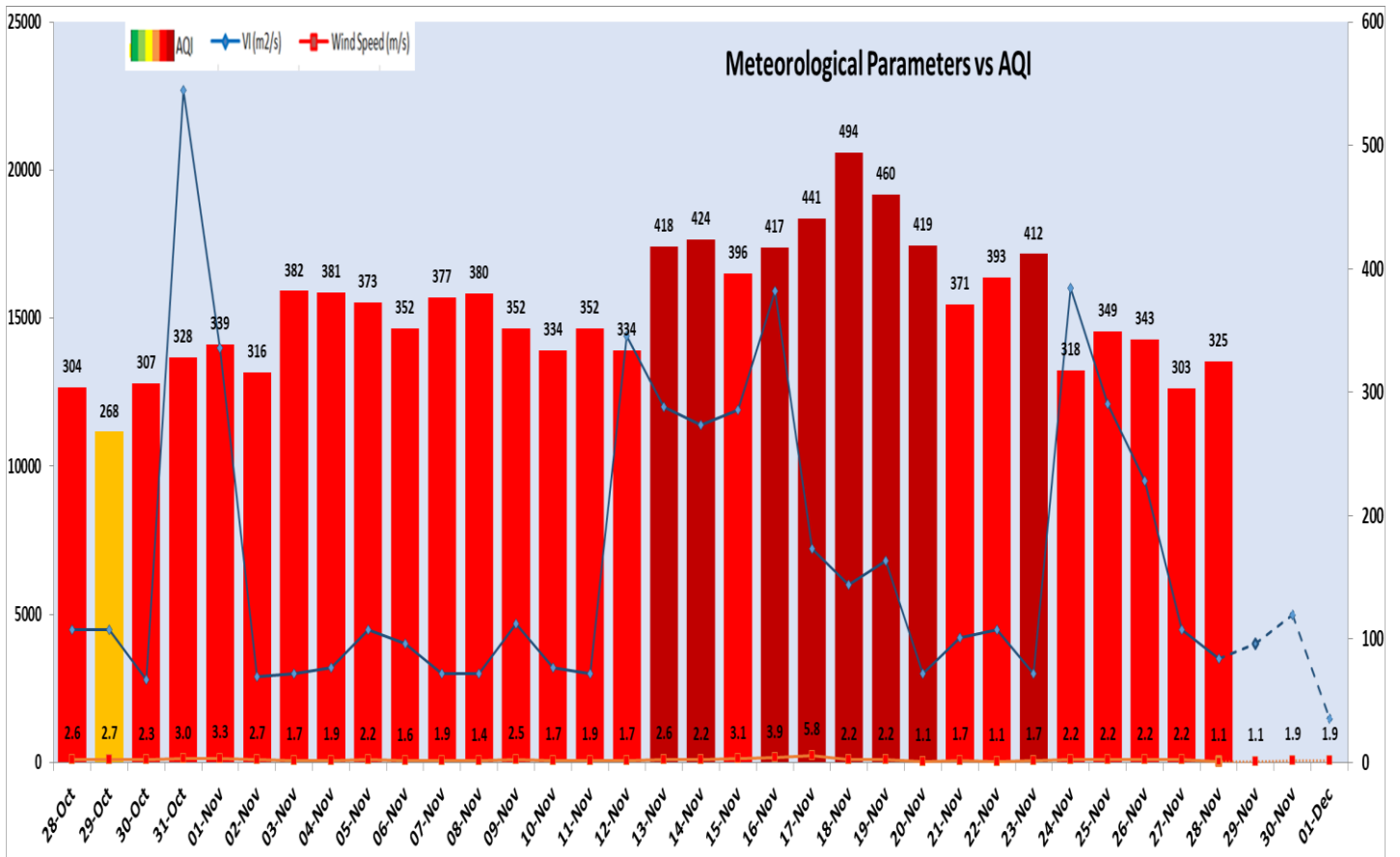
The air quality is likely to be in Very Poor category from 29.11.2024 to 01.12.2024. The predominant surface wind is likely to be from variable direction with speed less than 04 kmph during morning hours. Smog/ moderate to dense fog is likely in the morning. The wind speed will increase thereafter becoming less than 06 kmph from variable direction during afternoon. It will decrease thereafter becoming less than 04 kmph from variable direction during evening and night. Smog/ shallow fog is likely in the evening/night and mainly clear sky on 29.11.2024. Ventilation index is likely to be 4000 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
27.11.2024	41	10821	15	1373
27.11.2023	00	36614	01	2285
27.11.2022	12	49888	08	3629

% Share of Stubble burning to PM _{2.5} in Delhi	
27.11.2024	*As per IITM, the impact of stubble burning is ~ 1.9 %





Delhi Temperature in (°C)*

Date	Minimum	Maximum
25-11-2024	14.0	29.1
26-11-2024	11.9	25.8
27-11-2024	10.4	26.7
28-11-2024	10.1	27.3

* Source – IMD (08:30 hrs.)

*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Mundka, Delhi - DPCC	394	Very Poor	PM ₁₀
	Bawana, Delhi - DPCC	383	Very Poor	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	377	Very Poor	PM _{2.5}
	Shadipur, Delhi - CPCB	371	Very Poor	PM _{2.5}
	Anand Vihar, Delhi - DPCC	370	Very Poor	PM ₁₀
Faridabad	New Industrial Town, Faridabad - HSPCB	218	Poor	PM ₁₀
	Sector 11, Faridabad - HSPCB	170	Moderate	PM _{2.5}
Gurugram	NISE Gwal Pahari, Gurugram - IMD	293	Poor	PM _{2.5}
	Vikas Sadan, Gurugram - HSPCB	266	Poor	PM _{2.5}
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	282	Poor	PM _{2.5}
	Loni, Ghaziabad - UPPCB	271	Poor	PM _{2.5}
	Vasundhara, Ghaziabad - UPPCB	246	Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	302	Very Poor	PM ₁₀
Noida	Sector - 62, Noida - IMD	283	Poor	PM _{2.5}
	Sector-116, Noida - UPPCB	259	Poor	PM _{2.5}