



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 01, 2024



Current Air Quality Status:

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

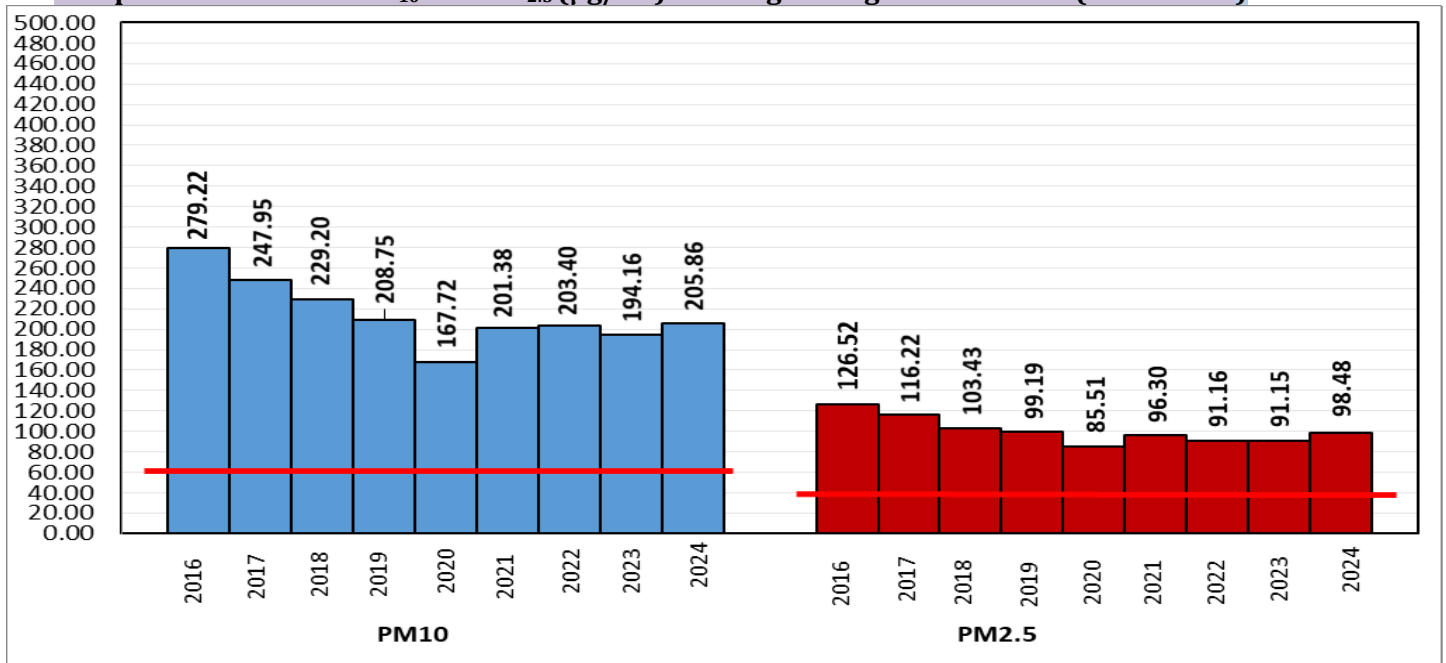
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	285↓	PM ₁₀ , PM _{2.5}	Very Poor	372↓	PM _{2.5}	Very Poor	368↑	PM _{2.5}
Faridabad	Moderate	151↓	PM ₁₀ , PM _{2.5}	Poor	294↓	PM ₁₀ , PM _{2.5}	Very Poor	312↓	PM _{2.5}
Ghaziabad	Poor	222↓	PM _{2.5}	Very Poor	312↓	PM _{2.5}	Very Poor	314↓	PM ₁₀
Greater Noida	Poor	230↓	PM _{2.5}	Very Poor	350↓	PM _{2.5}	Very Poor	384↓	PM ₁₀ , PM _{2.5}
Gurugram	Poor	251↓	PM ₁₀ , PM _{2.5}	Very Poor	310↓	PM _{2.5}	Poor	292↓	PM _{2.5}
Noida	Poor	215↓	PM _{2.5}	Very Poor	349↓	PM _{2.5}	Very Poor	301↓	PM ₁₀ , PM _{2.5}

*Data available for 38(2024), 36(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 01 Dec 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	324	335	335	335	336	335	335	335	336	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	58	95	72	65	60	66	110	149	158	179	226	197	160	206	201	
Moderate (101–200)		87	102	105	119	126	124	92	145	135										
Poor (201–300)		119	106	110	97	65	69	127	73	61										
Very Poor (301–400)		75	72	55	43	34	52	44	44	63	214	186	177	156	110	138	175	129	135	
Severe (>401)		20	8	12	16	11	17	4	12	11										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Nov 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 30.11.24 to 06:00 am of 01.12.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
30-Nov-2024	174↓	299↓

Hotspots for Today: *Details given below

Delhi	Mundka, Shadipur, Nehru Nagar, Dwarka-Sector 8, Jahangirpuri	Ghaziabad	Indirapuram, Loni
Faridabad	Sector 11	Greater Noida	Knowledge Park - V
Gurugram	NISE Gwal Pahari, Teri Gram	Noida	Sector - 125, Sector - 62, Sector-116

Forecast by IITM(Delhi):

	Dec 02, 2024	Dec 03, 2024	Dec 04, 2024
AQI Category	Very Poor	Very Poor	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
Dec 02, 2024	02-08	06	19	NW/N	NW
Dec 03, 2024	06-12	09	33	N/NW	NW
Dec 04, 2024	10-20	08	40	NW	NW

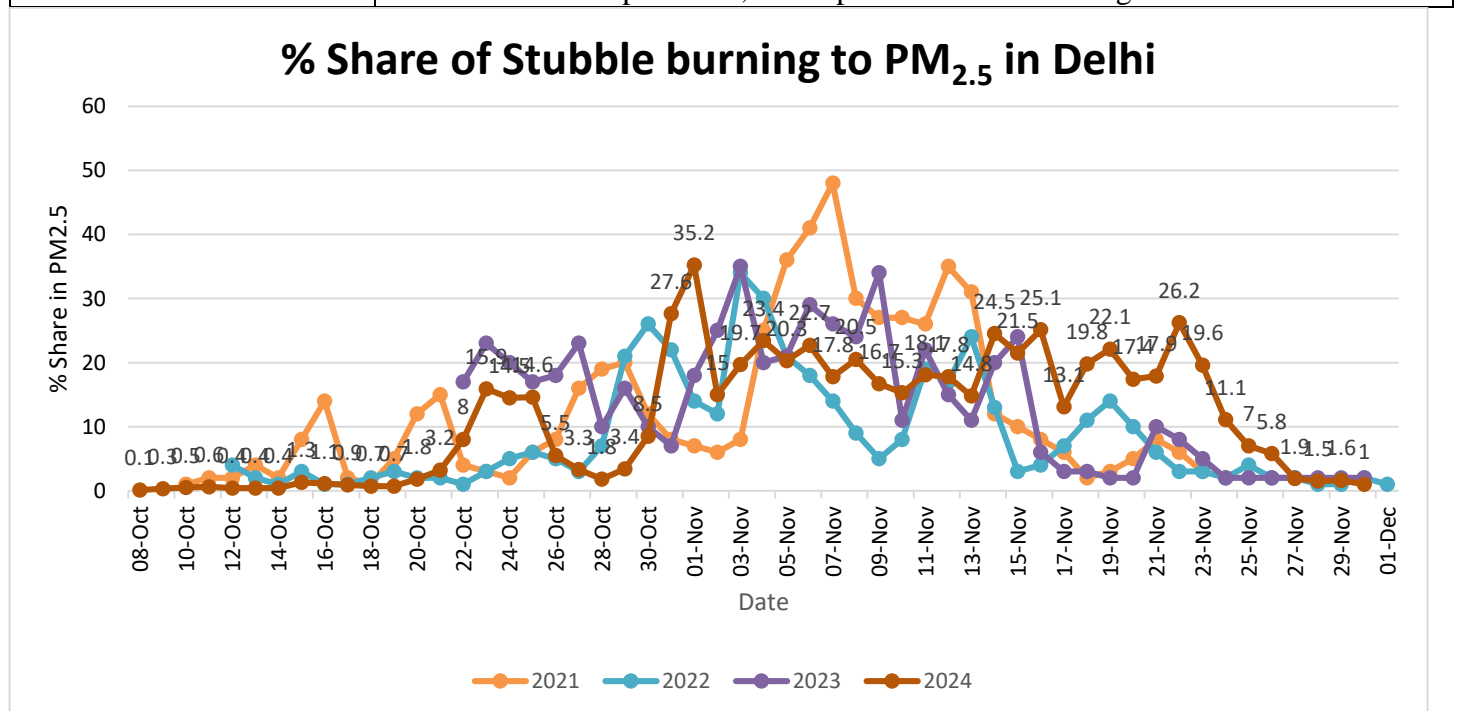
IMD Alert for Tomorrow (02.12.2024):

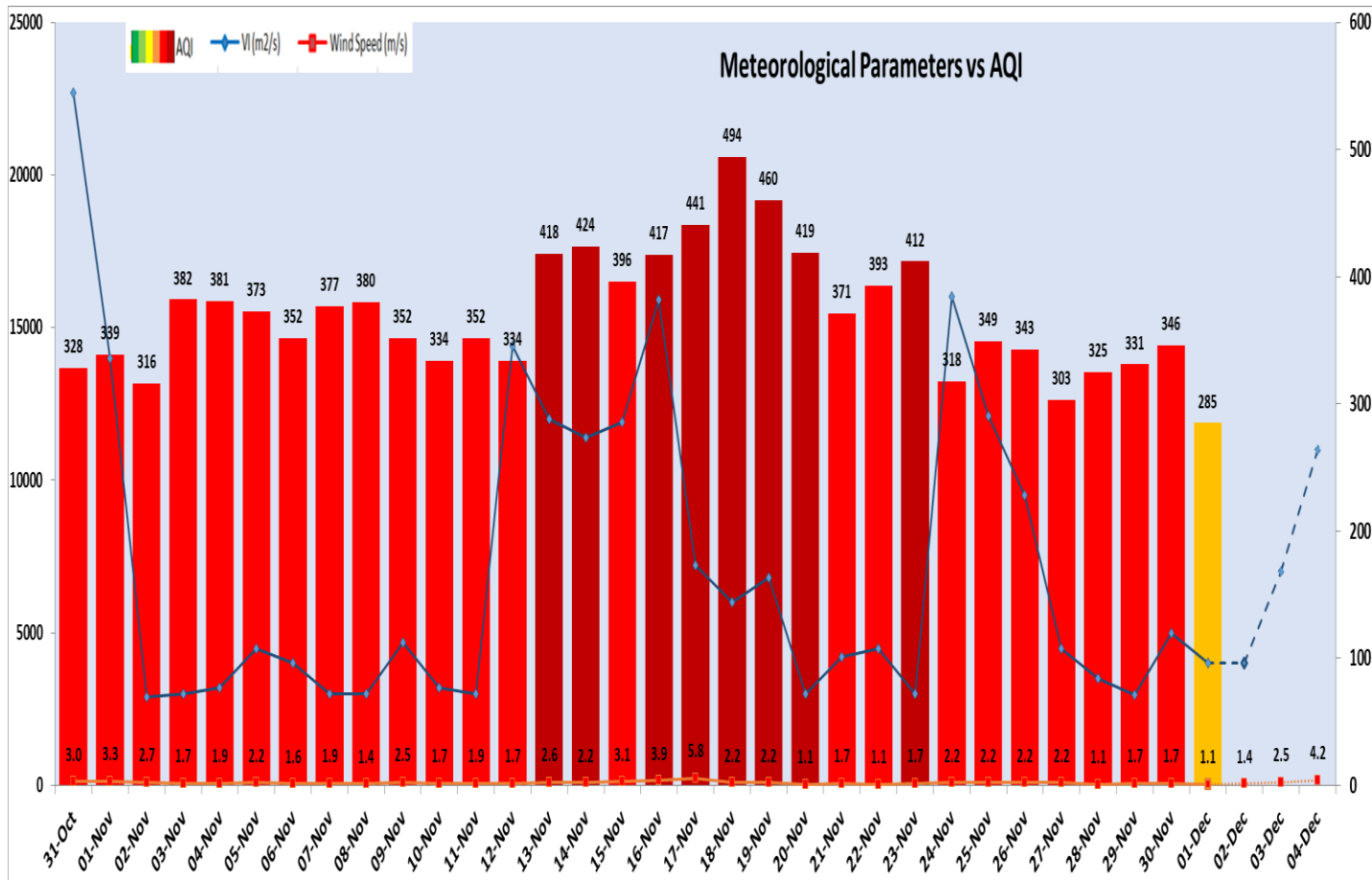
The air quality is likely to be in Very Poor category from 02.12.2024 to 03.12.2024. The predominant surface wind is likely to be from northwest direction with speed less than 06 kmph during morning hours. Smog/ shallow to moderate fog is likely in the morning. The wind speed will increase thereafter becoming less than 08 kmph from northwest direction during afternoon. It will decrease thereafter becoming less than 04 kmph from north direction during evening and night. Smog/Shallow fog is likely in the evening/night and mainly clear sky on 02.12.2024. Ventilation index is likely to be 4200 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
30.11.2024	22	10909	17	1406
30.11.2023	13	36663	07	2303
30.11.2022	15	49922	14	3661

% Share of Stubble burning to PM_{2.5} in Delhi
 30.11.2024 *As per IITM, the impact of stubble burning is ~ 1.0 %





Delhi Temperature in (°C)*

Date	Minimum	Maximum
28-11-2024	10.1	27.3
29-11-2024	9.5	27.0
30-11-2024	9.8	26.4
01-12-2024	11.4	26.8

* Source – IMD (08:30 hrs.)

*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Mundka, Delhi - DPCC	330	Very Poor	PM ₁₀
	Shadipur, Delhi - CPCB	327	Very Poor	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	323	Very Poor	PM _{2.5}
	Dwarka-Sector 8, Delhi - DPCC	316	Very Poor	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	316	Very Poor	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	203	Poor	PM _{2.5}
Gurugram	NISE Gwal Pahari, Gurugram - IMD	291	Poor	PM _{2.5}
	Teri Gram, Gurugram - HSPCB	268	Poor	PM _{2.5}
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	293	Poor	PM _{2.5}
	Loni, Ghaziabad - UPPCB	232	Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	243	Poor	PM _{2.5}
Noida	Sector - 125, Noida - UPPCB	260	Poor	PM _{2.5}
	Sector - 62, Noida - IMD	255	Poor	PM _{2.5}
	Sector-116, Noida - UPPCB	234	Poor	PM _{2.5}