



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 13, 2024



Current Air Quality Status:

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

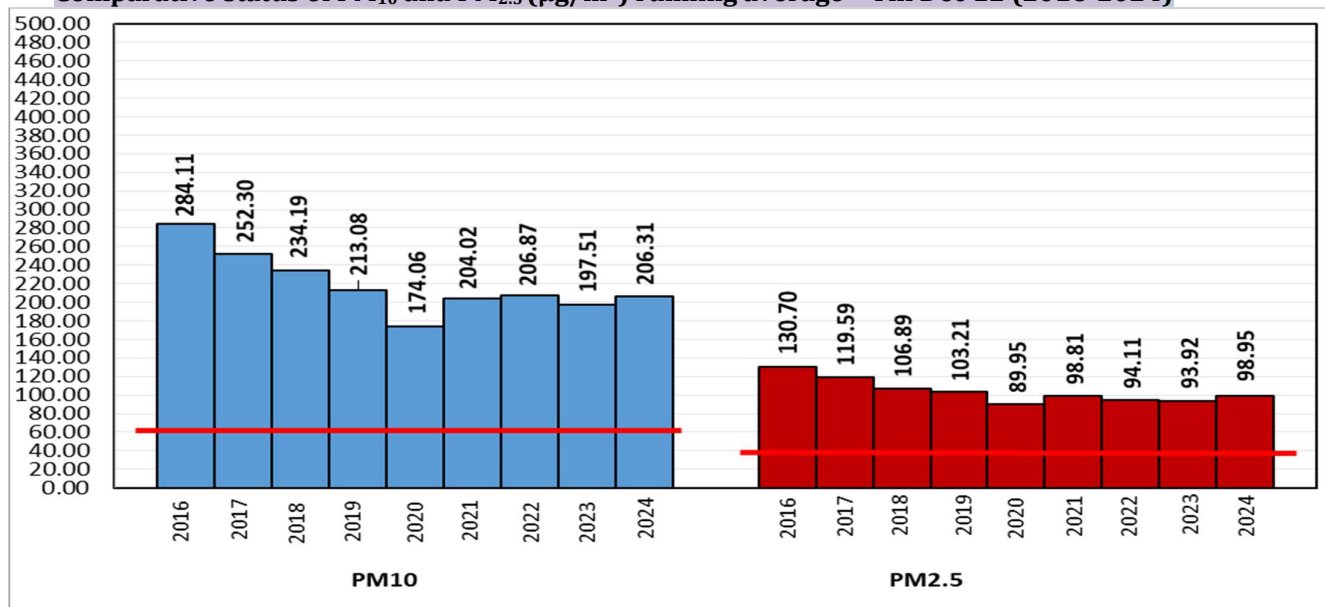
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	262↓	PM _{2.5}	Very Poor	378↑	PM _{2.5}	Moderate	177↓	PM ₁₀ , PM _{2.5}
Faridabad	Moderate	111↑	PM ₁₀ , PM _{2.5}	Poor	300↑	PM _{2.5}	Moderate	191↑	PM ₁₀ , PM _{2.5}
Ghaziabad	Moderate	137↓	PM ₁₀ , PM _{2.5}	Very Poor	314↑	PM ₁₀ , PM _{2.5}	Moderate	159↑	PM ₁₀
Greater Noida	Moderate	190↓	PM _{2.5}	Very Poor	334↓	PM _{2.5}	Moderate	192↑	PM ₁₀
Gurugram	Poor	237↓	PM _{2.5}	Poor	260↓	PM _{2.5}	Moderate	191↑	PM _{2.5}
Noida	Moderate	173↓	NO ₂ , PM _{2.5}	Very Poor	318↓	PM ₁₀ , PM _{2.5}	Moderate	136↓	PM _{2.5}

*Data available for 38(2024), 35(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 13 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	336	347	347	347	348	347	347	347	348									
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	150	158	179	226	197	161	206	206
Moderate (101–200)		87	103	105	119	126	124	93	145	140									
Poor (201–300)		119	109	111	100	67	74	129	75	67									
Very Poor (301–400)		82	80	63	50	43	58	52	54	64	226	197	189	168	122	150	186	141	142
Severe (>401)		25	8	15	18	12	18	5	12	11									

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Dec 12 (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 12.12.24 to 06:00 am of 13.12.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
12-Dec-2024	136↑	251↑

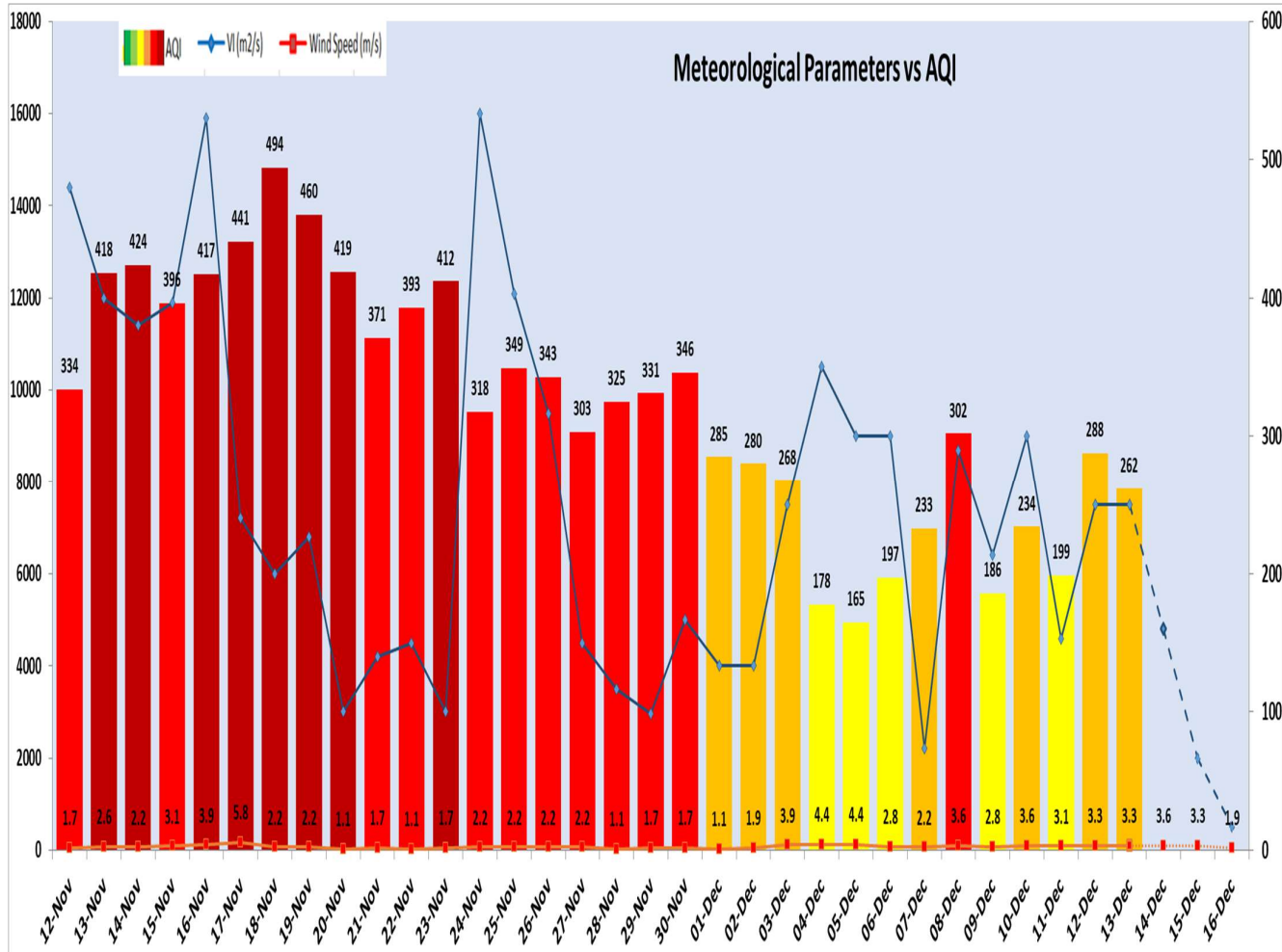
Hotspots for Today:			*Details given below
Delhi	Bawana, Nehru Nagar, Jahangirpuri, Pusa, Dwarka-Sector 8	Ghaziabad	Indirapuram
Faridabad	New Industrial Town, Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Vikas Sadan, NISE Gwal Pahari	Noida	Sector-62, Sector -116

Forecast by IITM(Delhi):			
	Dec 14, 2024	Dec 15, 2024	Dec 16, 2024
AQI Category	Poor	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
Dec 14, 2024	10-16	09	41	NW	NW
Dec 15, 2024	08-16	04	27	NW	NW
Dec 16, 2024	04-10	02	07	NW	N

IMD Alert for Tomorrow (14.12.2024):

The air quality is likely to be in Poor category from 14.12.2024 to 15.12.2024. The predominant surface wind is likely to be from northwest direction with speed less than 08 kmph during morning hours. Smog/mist is likely in the morning. The wind speed will increase thereafter becoming less than 14 kmph from northwest direction during afternoon. It will decrease thereafter becoming less than 08 kmph from northwest direction during evening and night. Smog/mist is likely in the evening/night and mainly clear sky on 14.12.2024. Ventilation index is likely to be 4800 m²/s.



Delhi Temperature in (°C)*		
Date	Minimum	Maximum
10-12-2024	8.0	21.6
11-12-2024	4.9	23.0
12-12-2024	4.5	23.0
13-12-2024	9.0	22.2

* Source – IMD (08:30 hrs.)

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Bawana, Delhi - DPCC	313	Very Poor	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	312	Very Poor	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	307	Very Poor	PM _{2.5}
	Pusa, Delhi - DPCC	304	Very Poor	PM _{2.5}
	Dwarka-Sector 8, Delhi - DPCC	303	Very Poor	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	145	Moderate	PM _{2.5}
	Sector 11, Faridabad - HSPCB	121	Moderate	PM _{2.5}
Gurugram	Vikas Sadan, Gurugram - HSPCB	256	Poor	PM _{2.5}
	NISE Gwal Pahari, Gurugram - IMD	252	Poor	PM _{2.5}
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	169	Moderate	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	231	Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	201	Poor	PM _{2.5}
	Sector-116, Noida - UPPCB	193	Moderate	PM _{2.5}