



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 12, 2024



Current Air Quality Status:

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

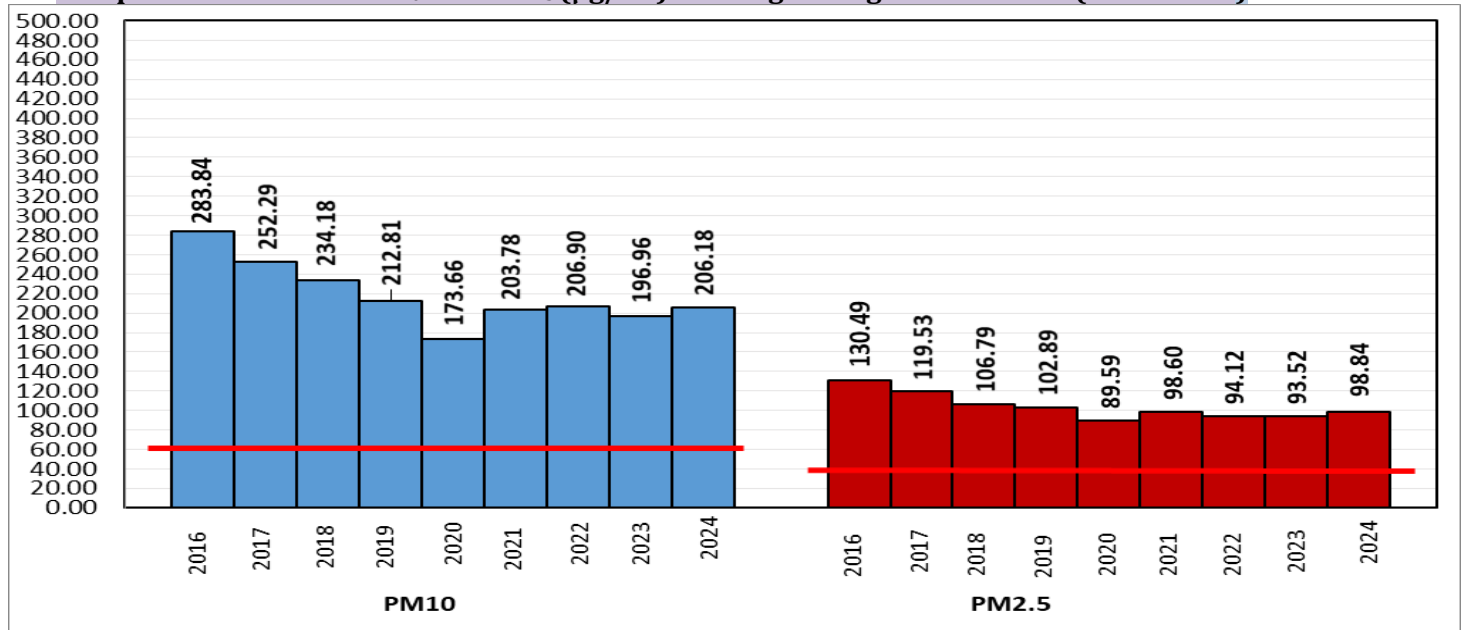
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	288↑	PM _{2.5} , PM ₁₀	Very Poor	355↑	PM _{2.5} , PM ₁₀	Poor	218↓	PM _{2.5}
Faridabad	Moderate	106↑	PM ₁₀	Poor	278↑	PM _{2.5}	Moderate	185↓	PM ₁₀ , PM _{2.5}
Ghaziabad	Moderate	186↑	PM _{2.5}	Poor	296↑	PM _{2.5}	Moderate	158↓	PM ₁₀
Greater Noida	Poor	252↑	PM _{2.5}	Very Poor	335↑	PM _{2.5} , PM ₁₀	Moderate	180↓	PM ₁₀
Gurugram	Poor	260↑	PM _{2.5}	Poor	278↑	PM _{2.5}	Moderate	127↓	PM _{2.5}
Noida	Moderate	198↑	PM _{2.5}	Very Poor	337↑	PM _{2.5} , PM ₁₀	Moderate	153↓	PM _{2.5}

*Data available for 38(2024), 37(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 12 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	335	346	346	346	347	346	346	346	347									
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	160	206	206
Moderate (101–200)		87	103	105	119	126	124	92	145	140									
Poor (201–300)		119	109	111	100	67	74	129	75	66									
Very Poor (301–400)		81	79	63	49	42	57	52	53	64	225	196	188	167	121	149	186	140	141
Severe (>401)		25	8	14	18	12	18	5	12	11									

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till Dec 11 (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 11.12.24 to 06:00 am of 12.12.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
11-Dec-2024	124↑	242↑

▪ Hotspots for Today: *Details given below

Delhi	Mundka, Nehru Nagar, Rohini, Bawana, Jahangirpuri	Ghaziabad	Loni, Indirapuram
Faridabad	New Industrial Town	Greater Noida	Knowledge Park - V
Gurugram	Vikas Sadan, Sector-51	Noida	Sector -116, Sector-62

▪ Forecast by IITM(Delhi):

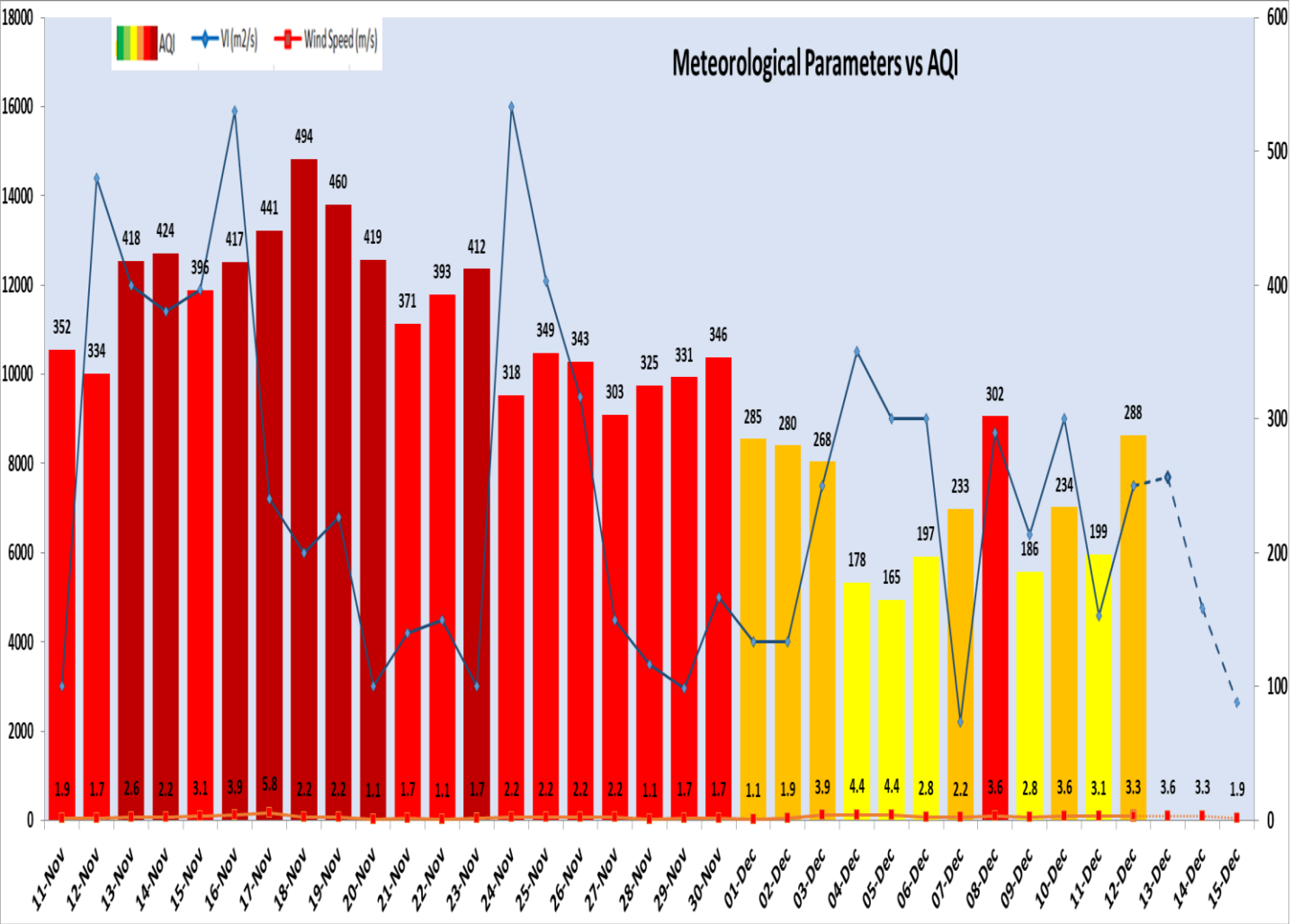
	Dec 13, 2024	Dec 14, 2024	Dec 15, 2024
AQI Category	Poor	Poor	Poor

▪ 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 13, 2024	10-16	12	51	NW	NW
Dec 14, 2024	08-16	09	42	NW	NW
Dec 15, 2024	04-10	03	26	NW	NW

▪ IMD Alert for Tomorrow (13.12.2024):

The air quality is likely to be in Poor category from 13.12.2024 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 with cold wave conditions at isolated places on 13.12.2024. Ventilation index is likely to be 7700 m²/s.



Delhi Temperature in (°C)*		
Date	Minimum	Maximum
09-12-2024	8.2	23.7
10-12-2024	8.0	21.6
11-12-2024	4.9	23.0
12-12-2024	4.5	23.0

* Source – IMD (08:30 hrs.)

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Mundka, Delhi - DPCC	353	Very Poor	PM ₁₀
	Nehru Nagar, Delhi - DPCC	341	Very Poor	PM _{2.5}
	Rohini, Delhi - DPCC	336	Very Poor	PM _{2.5}
	Bawana, Delhi - DPCC	333	Very Poor	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	325	Very Poor	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	153	Moderate	PM ₁₀
Gurugram	Vikas Sadan, Gurugram - HSPCB	273	Poor	PM _{2.5}
	Sector-51, Gurugram - HSPCB	260	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	246	Poor	PM _{2.5}
	Indirapuram, Ghaziabad - UPPCB	228	Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	277	Poor	PM _{2.5}
Noida	Sector-116, Noida - UPPCB	241	Poor	PM _{2.5}
	Sector - 62, Noida - IMD	240	Poor	PM _{2.5}