



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 14, 2024



Current Air Quality Status:

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

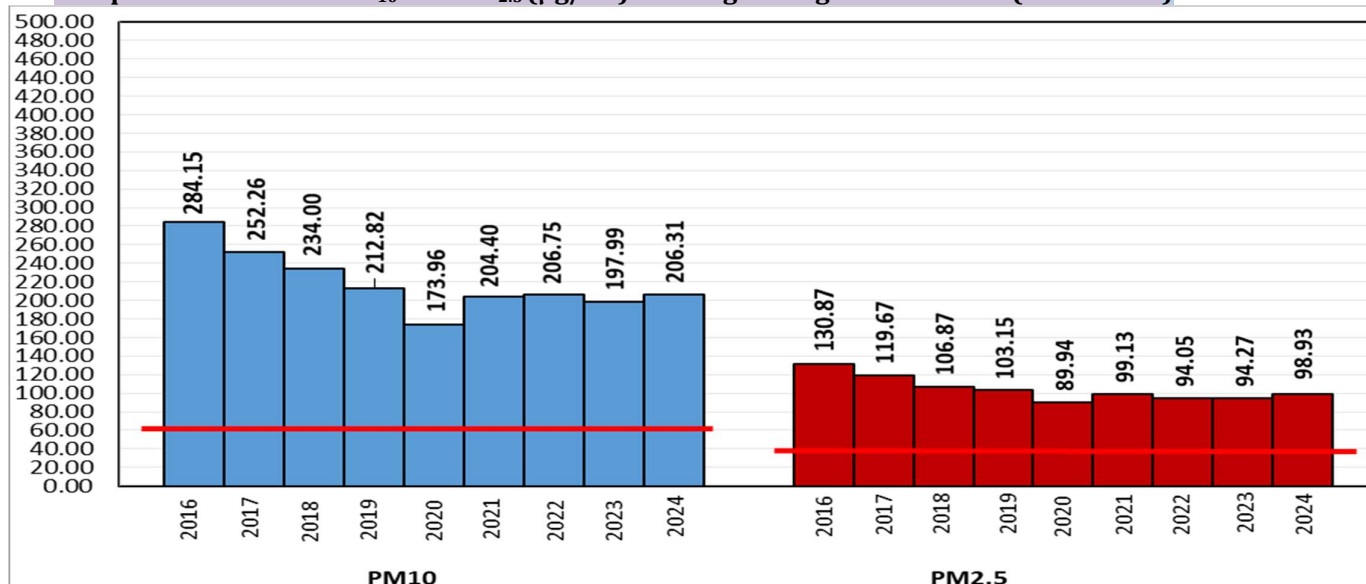
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	193↓	PM _{2.5}	Very Poor	326↓	PM _{2.5}	Moderate	163↓	PM _{2.5}
Faridabad	Satisfactory	90↓	PM _{2.5} , PM ₁₀	Poor	278↓	PM ₁₀ , PM _{2.5}	Moderate	157↓	PM ₁₀ , PM _{2.5}
Ghaziabad	Moderate	103↓	PM ₁₀	Poor	264↓	PM _{2.5}	Moderate	133↓	PM ₁₀
Greater Noida	Moderate	134↓	PM ₁₀	Poor	277↓	PM _{2.5}	Moderate	157↓	PM ₁₀
Gurugram	Moderate	116↓	PM _{2.5}	Poor	282↑	PM _{2.5}	Moderate	155↓	PM ₁₀ , PM _{2.5}
Noida	Moderate	112↓	PM ₁₀ , NO ₂	Poor	282↓	PM _{2.5}	Moderate	125↓	PM ₁₀

*Data available for 32(2024), 37(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 14 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	337	348	348	348	349	348	348	348	349									
Good (0–50)		0	2	0	2	5	1	3	1	0	110	150	158	179	227	197	162	206	207
Satisfactory (51–100)		23	45	53	58	95	72	65	60	66									
Moderate (101–200)		87	103	105	119	127	124	94	145	141									
Poor (201–300)		119	109	111	100	67	74	129	75	67									
Very Poor (301–400)		83	81	63	50	43	59	52	55	64									
Severe (>401)		25	8	16	19	12	18	5	12	11	227	198	190	169	122	151	186	142	142

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Dec 13 (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 13.12.24 to 06:00 am of 14.12.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
13-Dec-2024	94↓	206↓

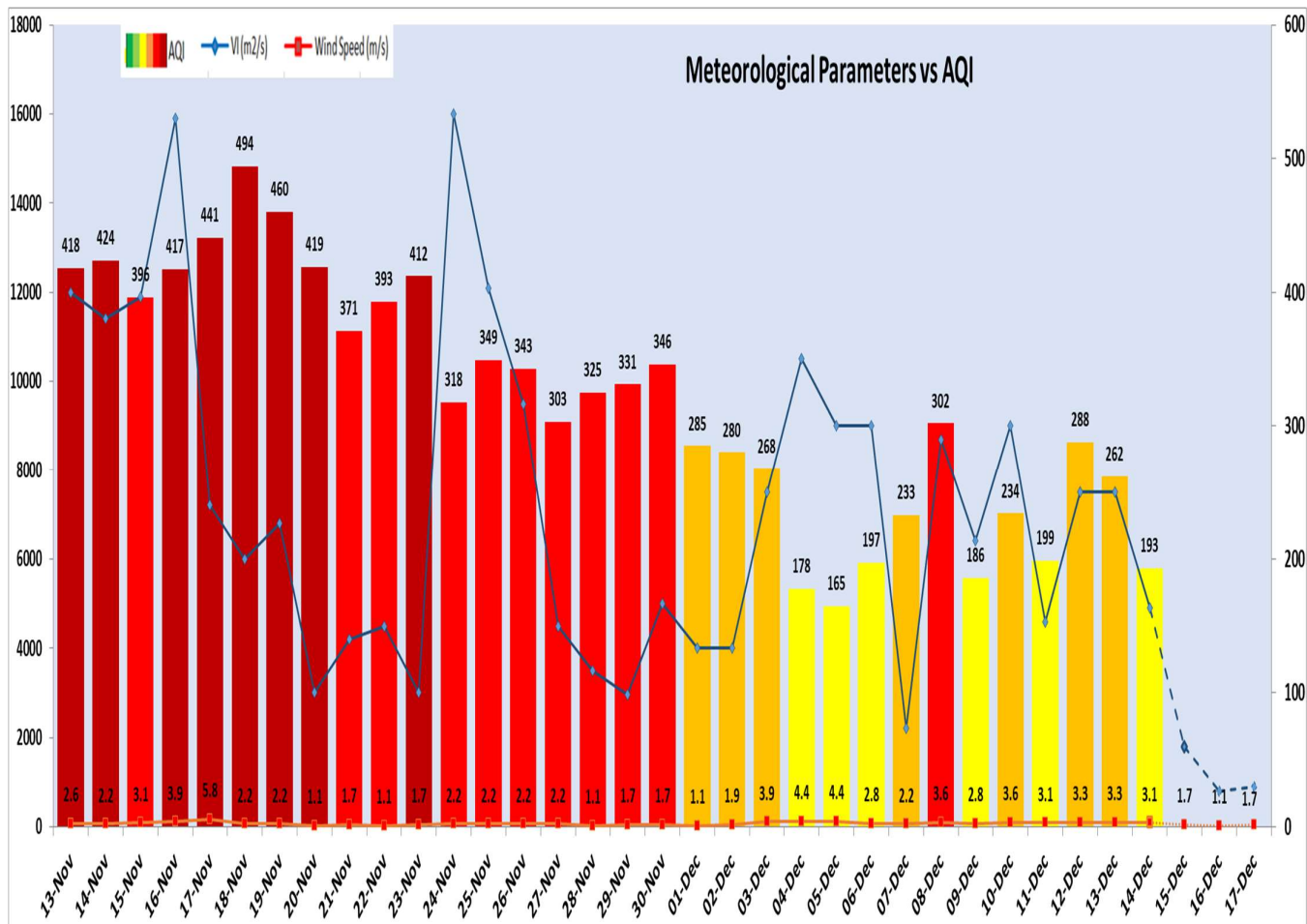
Hotspots for Today:		*Details given below	
Delhi	Bawana, Jahangirpuri, Rohini, Mundka, Wazirpur	Ghaziabad	Loni, Indirapuram
Faridabad	Sector 11, New Industrial Town	Greater Noida	Knowledge Park - V
Gurugram	Vikas Sadan	Noida	Sector -116

Forecast by IITM(Delhi):			
	Dec 15, 2024	Dec 16, 2024	Dec 17, 2024
AQI Category	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
Dec 15, 2024	02-10	03	25	NW	N
Dec 16, 2024	02-06	02	04	NE	NW
Dec 17, 2024	04-08	04	08	NNW	W

IMD Alert for Tomorrow (15.12.2024):

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 coming from west-northwest direction with speed less than 10 kmph during morning hours. Smog/mist is likely in the morning. The wind speed will decrease thereafter becoming less than 08 kmph coming from north-northwest direction during afternoon. It will decrease further becoming less than 04 kmph from north direction during evening and night. Smog/mist fog is likely in the morning, mainly clear sky and smog/mist is likely in the evening/night on 15.12.2024. Ventilation index is likely to be 1800 m²/s.



Delhi Temperature in (°C)*		
Date	Minimum	Maximum
11-12-2024	4.9	23.0
12-12-2024	4.5	23.0
13-12-2024	9.0	22.2
14-12-2024	8.0	22.8

* Source – IMD (08:30 hrs.)

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Bawana, Delhi - DPCC	266	Poor	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	253	Poor	PM _{2.5}
	Rohini, Delhi - DPCC	242	Poor	PM _{2.5}
	Mundka, Delhi - DPCC	240	Poor	PM _{2.5}
	Wazirpur, Delhi - DPCC	235	Poor	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	109	Moderate	PM _{2.5}
	New Industrial Town, Faridabad - HSPCB	98	Satisfactory	PM ₁₀
Gurugram	Vikas Sadan, Gurugram - HSPCB	121	Moderate	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	113	Moderate	PM ₁₀
	Indirapuram, Ghaziabad - UPPCB	112	Moderate	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	149	Moderate	PM ₁₀
Noida	Sector-116, Noida - UPPCB	119	Moderate	PM ₁₀