



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 19, 2024



Current Air Quality Status:

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

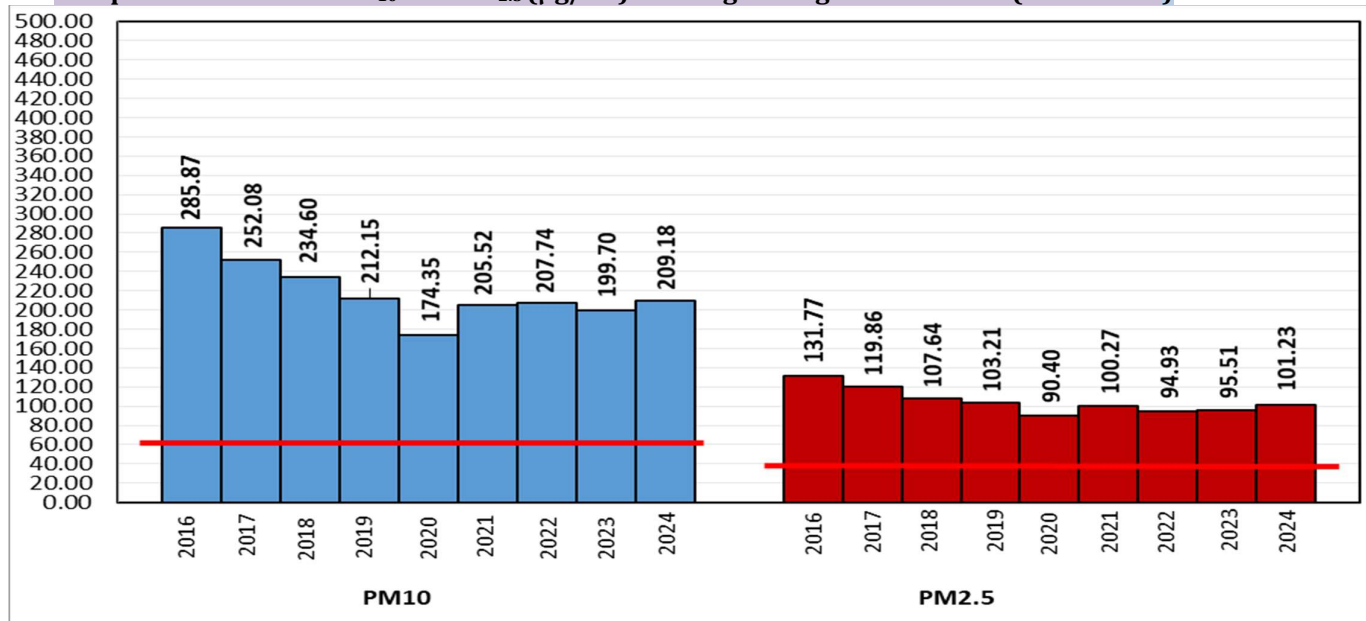
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Severe	451↑	PM _{2.5}	Poor	286↓	PM _{2.5}	Severe	410↑	PM _{2.5}
Faridabad	Poor	279↑	PM _{2.5} , PM ₁₀	Poor	206↓	PM _{2.5}	Very Poor	388↑	PM ₁₀ , PM _{2.5}
Ghaziabad	Very Poor	386↑	PM _{2.5}	Poor	204↓	PM _{2.5}	Very Poor	373↑	PM _{2.5}
Greater Noida	Very Poor	322↓	PM _{2.5}	Poor	211↓	PM _{2.5}	Severe	442↑	PM ₁₀ , PM _{2.5}
Gurugram	Very Poor	355↓	PM _{2.5} , PM ₁₀	Moderate	186↓	CO, PM _{2.5}	Very Poor	383↑	PM _{2.5}
Noida	Very Poor	367↑	PM _{2.5}	Poor	206↓	PM _{2.5}	Very Poor	377↑	PM ₁₀ , PM _{2.5}

*Data available for 36(2024), 37(2023), 34(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 19 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	342	353	353	353	354	353	353	353	354									
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	159	181	227	197	163	206	207
Moderate (101–200)		87	103	106	121	127	124	95	145	141									
Poor (201–300)		119	114	114	102	72	76	130	76	68									
Very Poor (301–400)		88	81	64	50	43	62	54	59	65	232	203	194	172	127	156	190	147	147
Severe (>401)		25	8	16	20	12	18	6	12	14									

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till Dec 18 (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 18.12.24 to 06:00 am of 19.12.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
18-Dec-2024	349↑	505↑

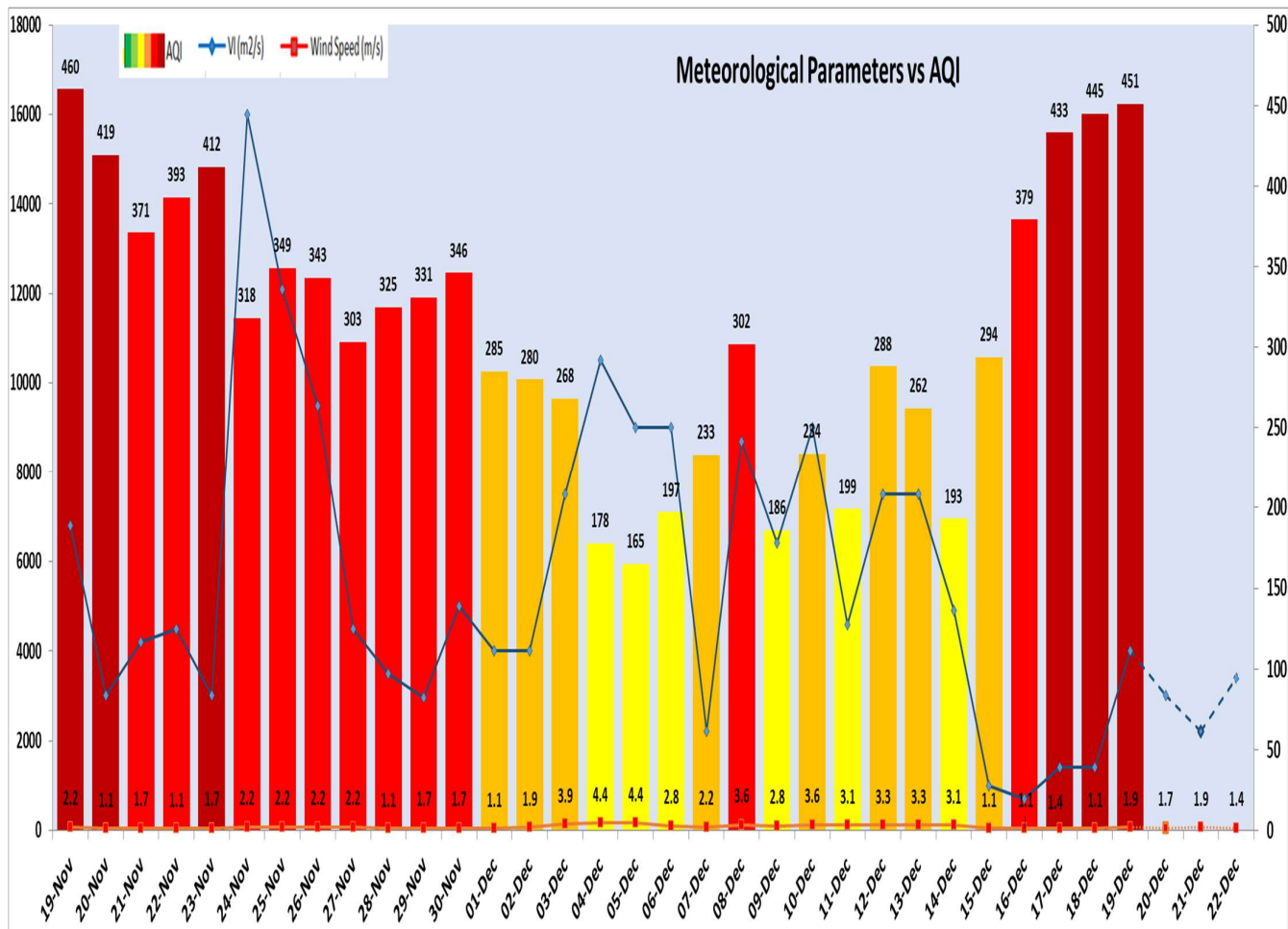
Hotspots for Today:		*Details given below	
Delhi	Bawana, Nehru Nagar, Dwarka-Sector 8, Wazirpur, Jahangirpuri,	Ghaziabad	Indirapuram, Loni
Faridabad	Sector 11, New Industrial Town	Greater Noida	Knowledge Park - V
Gurugram	Vikas Sadan, NISE Gwal Pahari	Noida	Sector - 62, Sector -125

Forecast by IITM(Delhi):			
	Dec 20, 2024	Dec 21, 2024	Dec 22, 2024
AQI Category	Severe	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 20, 2024	04-08	07	12	NE/NW	N
Dec 21, 2024	06-08	05	22	NW	W
Dec 22, 2024	04-06	01	04	SE/E	S

IMD Alert for Tomorrow (20.12.2024):

The air quality is likely to be in Severe category on 20.12.2024. The predominant surface wind is likely to be from east 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 08 kmph from east 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 20.12.2024. Ventilation index is likely to be 3000 m²/s.



Delhi Temperature in (°C)*		
Date	Minimum	Maximum
16-12-2024	4.5	23.2
17-12-2024	5.9	24.5
18-12-2024	7.6	24.4
19-12-2024	5.0	23.0

* Source – IMD (08:30 hrs.)

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Bawana, Delhi - DPCC	484	Severe	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	480	Severe	PM _{2.5}
	Dwarka-Sector 8, Delhi - DPCC	479	Severe	PM _{2.5}
	Wazirpur, Delhi - DPCC	477	Severe	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	476	Severe	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	381	Very Poor	PM _{2.5}
	New Industrial Town, Faridabad - HSPCB	344	Very Poor	PM ₁₀
Gurugram	Vikas Sadan, Gurugram - HSPCB	406	Severe	PM _{2.5}
	NISE Gwal Pahari, Gurugram - IMD	395	Very Poor	PM _{2.5}
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	425	Severe	PM _{2.5}
	Loni, Ghaziabad - UPPCB	421	Severe	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	345	Very Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	425	Severe	PM _{2.5}
	Sector - 125, Noida - UPPCB	385	Very Poor	PM _{2.5}