



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 22, 2024



Current Air Quality Status:

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

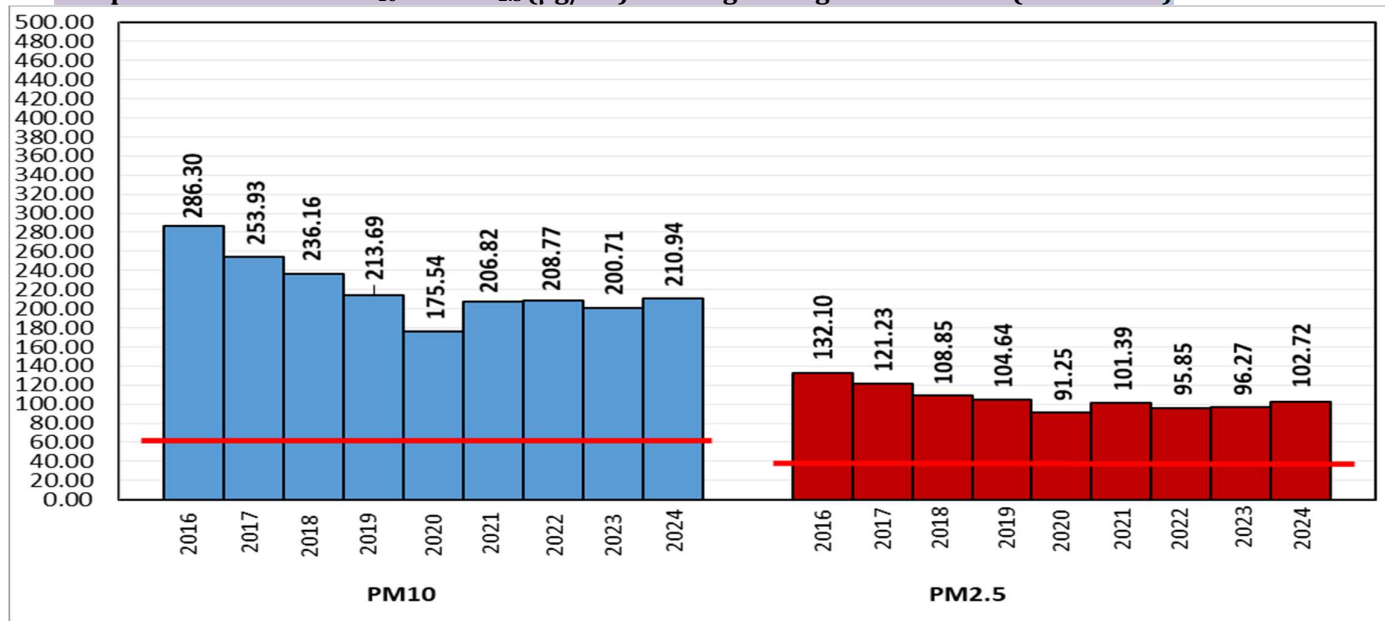
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Severe	409↑	PM _{2.5}	Severe	409↑	PM ₁₀ , PM _{2.5}	Very Poor	342↑	PM _{2.5}
Faridabad	Poor	244↑	PM _{2.5} , PM ₁₀	Poor	282↑	PM _{2.5} , PM ₁₀	Very Poor	359↑	PM _{2.5}
Ghaziabad	Very Poor	322↑	PM _{2.5}	Very Poor	376↑	PM ₁₀ , PM _{2.5}	Poor	292↑	PM _{2.5}
Greater Noida	Poor	278↑	PM _{2.5}	Very Poor	386↑	PM _{2.5}	Very Poor	341↑	PM _{2.5}
Gurugram	Very Poor	338↑	PM _{2.5} , PM ₁₀	Very Poor	314↑	PM _{2.5}	Poor	275↓	PM _{2.5}
Noida	Very Poor	311↑	PM _{2.5}	Very Poor	376↑	PM ₁₀ , PM _{2.5}	Very Poor	332↑	PM _{2.5}

*Data available for 37(2024), 35(2023), 38(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 22 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	345	356	356	356	357	356	356	356	357									
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	151	159	182	227	197	163	206	207
Moderate (101–200)		87	104	106	122	127	124	95	145	141									
Poor (201–300)		119	116	114	103	72	76	130	77	68									
Very Poor (301–400)		91	81	67	51	45	63	57	60	66	235	205	197	174	130	159	193	150	150
Severe (>401)		25	8	16	20	13	20	6	13	16									

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till Dec 21 (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 21.12.24 to 06:00 am of 22.12.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
21-Dec-2024	248↓	389↑

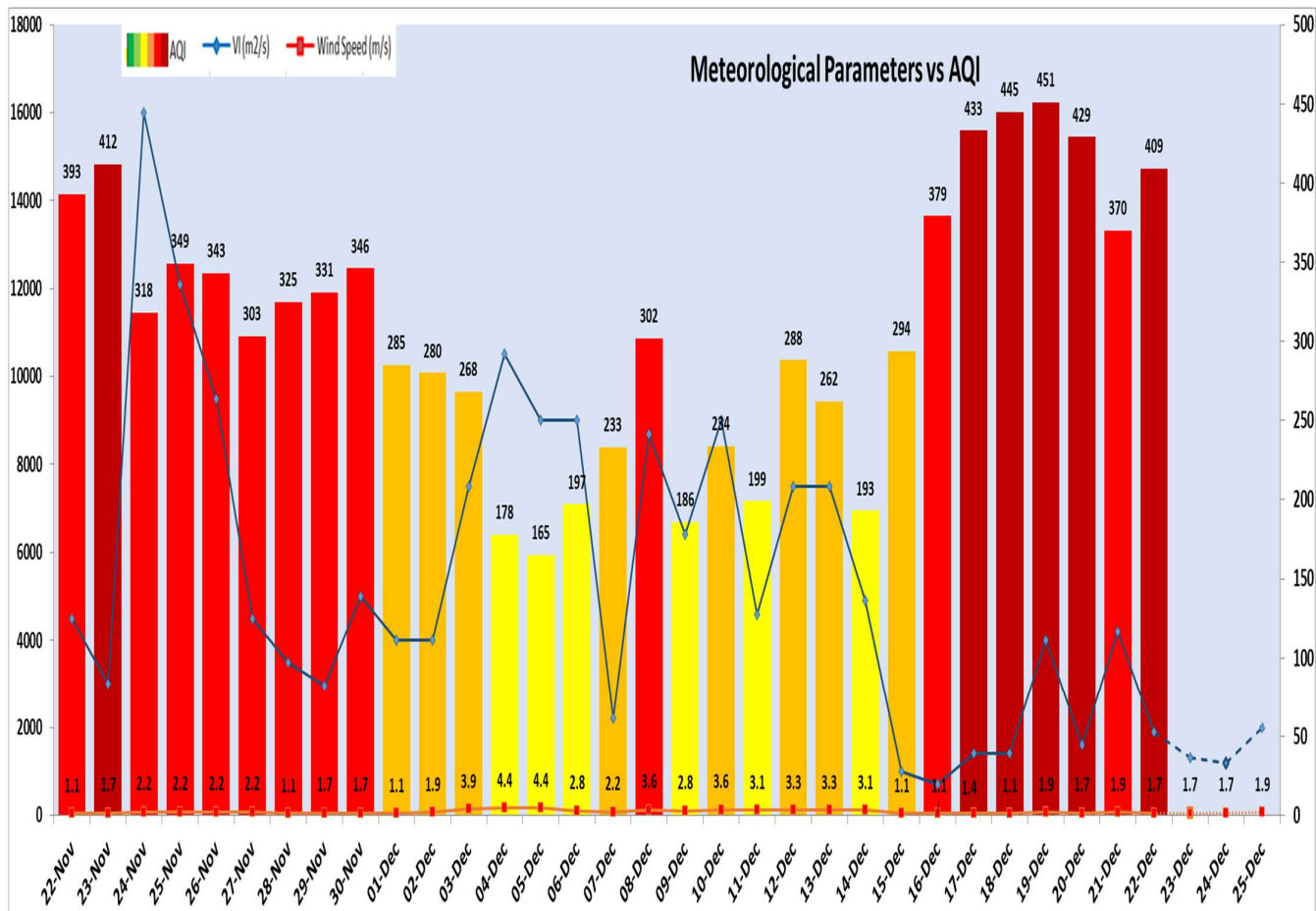
Hotspots for Today:		*Details given below	
Delhi	Jahangirpuri, Ashok Vihar, Wazirpur, Bawana, Rohini	Ghaziabad	Indirapuram, Loni
Faridabad	Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Vikas Sadan, Sector-51	Noida	Sector – 62

Forecast by IITM(Delhi):			
	Dec 23, 2024	Dec 24, 2024	Dec 25, 2024
AQI Category	Very 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 23, 2024	04-08	12	32	ESE	SE
Dec 24, 2024	04-08	03	04	SE	N
Dec 25, 2024	04-10	05	12	NNW	NW

IMD Alert for Tomorrow (23.12.2024):

The air quality is likely to be in Very Poor category from 23.12.2024 to 25.12.2024. The predominant surface wind is likely to be coming from east-southeast direction with speed less than 08 kmph during morning hours. The wind speed will decrease thereafter becoming less than 06 kmph coming from northeast direction during afternoon. It will be less than 06 kmph coming from east-southeast direction during evening and night. Smog/shallow fog in the most places and moderate fog in the isolated places is likely in the morning, partly cloudy sky with possibility of very light to light rain during early morning hours and smog/shallow fog is likely in the evening/night on 23.12.2024. Ventilation index is likely to be 1300 m²/s.



Delhi Temperature in (°C)*		
Date	Minimum	Maximum
19-12-2024	5.0	23.0
20-12-2024	7.5	23.0
21-12-2024	7.6	23.3
22-12-2024	7.3	23.4

* Source – IMD (08:30 hrs.)

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Jahangirpuri, Delhi - DPCC	464	Severe	PM _{2.5}
	Ashok Vihar, Delhi - DPCC	460	Severe	PM _{2.5}
	Wazirpur, Delhi - DPCC	458	Severe	PM _{2.5}
	Bawana, Delhi - DPCC	457	Severe	PM _{2.5}
	Rohini, Delhi - DPCC	455	Severe	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	385	Very Poor	PM _{2.5}
Gurugram	Vikas Sadan, Gurugram - HSPCB	380	Very Poor	PM _{2.5}
	Sector-51, Gurugram - HSPCB	344	Very Poor	PM ₁₀
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	369	Very Poor	PM _{2.5}
	Loni, Ghaziabad - UPPCB	341	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	302	Very Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	367	Very Poor	PM _{2.5}