



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 21, 2024



Current Air Quality Status:

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

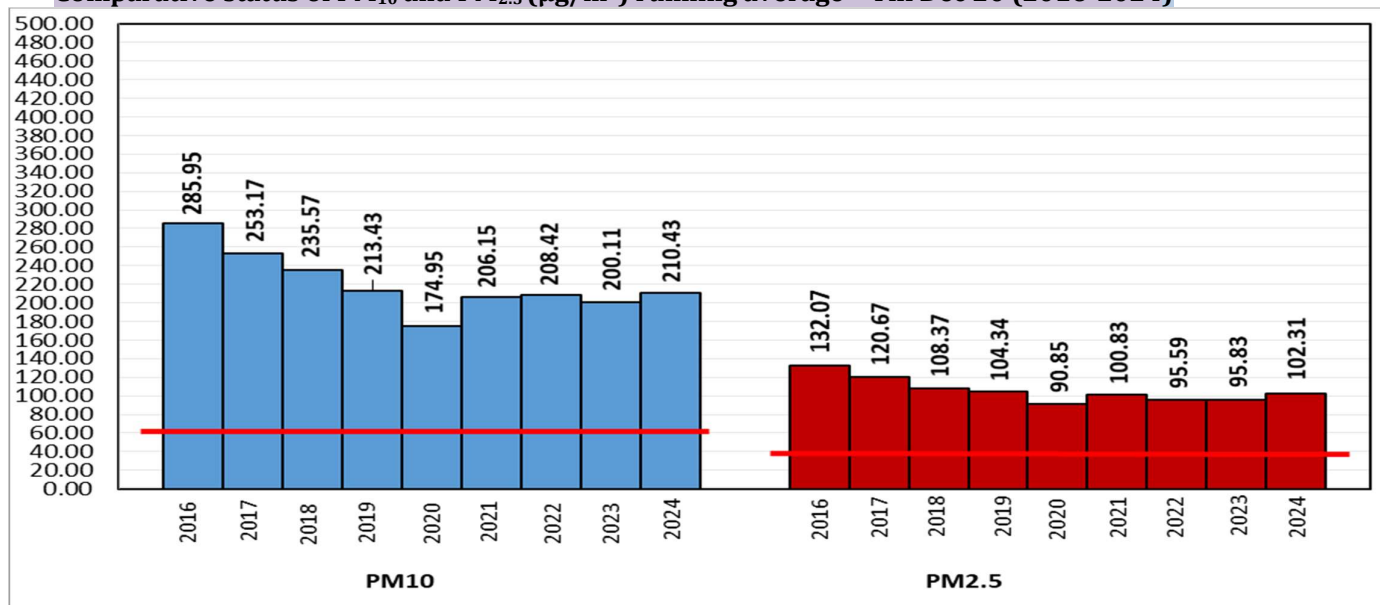
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	370↓	PM _{2.5}	Very Poor	361↑	PM _{2.5}	Very Poor	328↓	PM _{2.5}
Faridabad	Moderate	194↓	PM ₁₀ , PM _{2.5}	Poor	238↑	PM _{2.5}	Very Poor	333↓	PM ₁₀ , PM _{2.5}
Ghaziabad	Poor	266↓	PM _{2.5}	Very Poor	337↑	PM _{2.5}	Poor	262↓	PM _{2.5}
Greater Noida	Poor	224↓	PM _{2.5}	Very Poor	337↑	PM _{2.5}	Very Poor	324↓	PM _{2.5}
Gurugram	Very Poor	323↓	PM ₁₀ , PM _{2.5}	Poor	246↓	PM _{2.5}	Very Poor	340↓	PM _{2.5}
Noida	Poor	264↓	PM _{2.5}	Very Poor	356↑	PM _{2.5} , PM ₁₀	Very Poor	312↓	PM _{2.5}

*Data available for 33(2024), 37(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 21 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	344	355	355	355	356	355	355	355	356									
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	115	114	103	72	76	130	77	68									
Very Poor (301–400)		90	81	66	50	45	63	56	60	66	234	204	196	173	129	158	192	149	149
Severe (>401)		25	8	16	20	12	19	6	12	15									

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Dec 20 (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 20.12.24 to 06:00 am of 21.12.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
20-Dec-2024	250↓	376↓

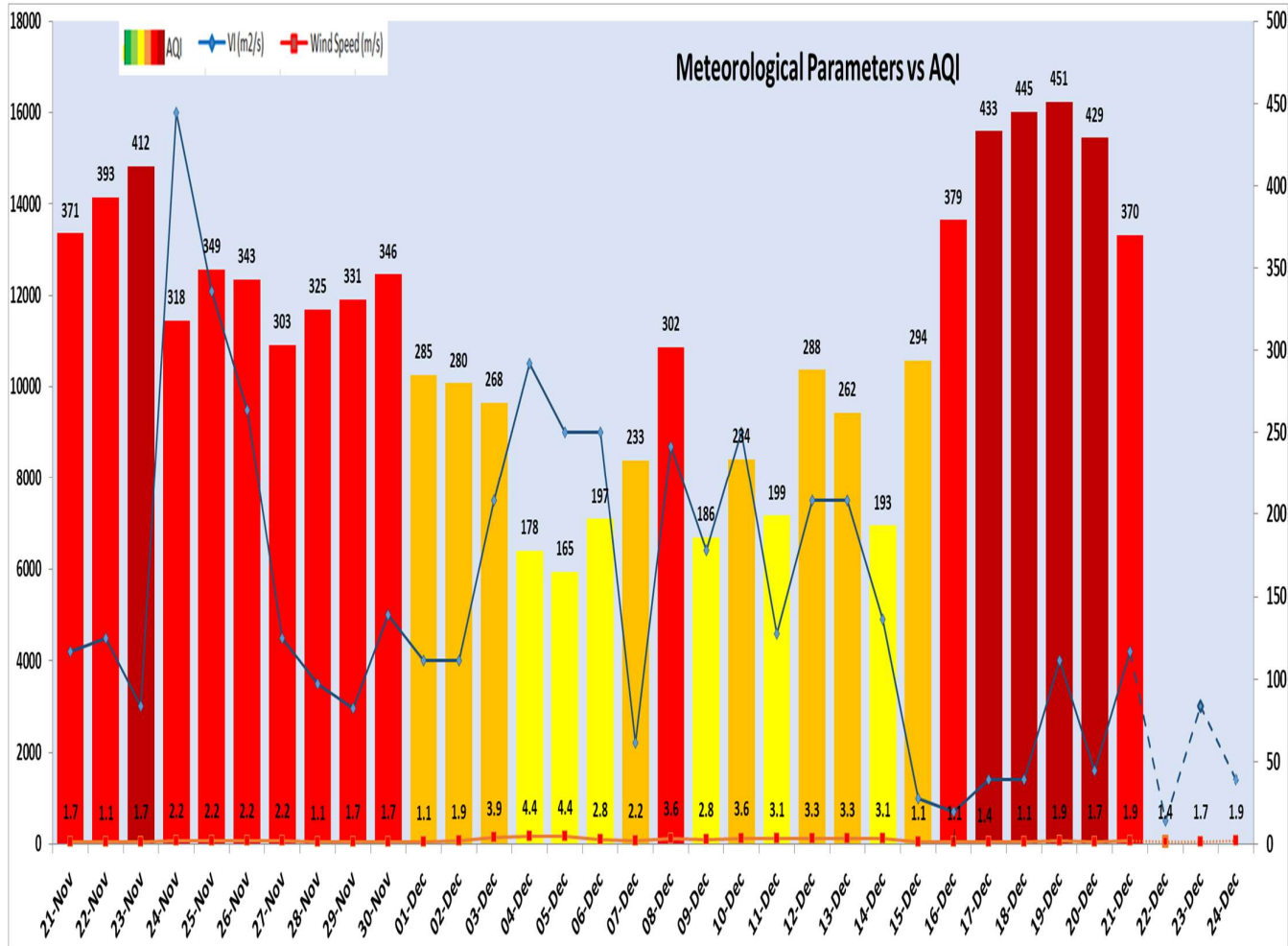
Hotspots for Today:		*Details given below	
Delhi	Nehru Nagar, Rohini, Mundka, Wazirpur, Bawana	Ghaziabad	Indirapuram, Loni
Faridabad	Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Vikas Sadan, NISE Gwal Pahari	Noida	Sector – 62, Sector-1

Forecast by IITM(Delhi):			
	Dec 22, 2024	Dec 23, 2024	Dec 24, 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 22, 2024	02-08	01	04	VAR	SE
Dec 23, 2024	04-08	09	22	E	E
Dec 24, 2024	06-08	04	04	VAR	NW

IMD Alert for Tomorrow (22.12.2024):

The air quality is likely to be in Severe category on 22.12.2024. The predominant surface wind is likely to be from variable 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 northeast direction during evening and night. Smog/shallow fog is likely in the evening/night and mainly clear sky on 22.12.2024. Ventilation index is likely to be 500 m²/s.



Delhi Temperature in (°C)*		
Date	Minimum	Maximum
18-12-2024	7.6	24.4
19-12-2024	5.0	23.0
20-12-2024	7.5	23.0
21-12-2024	7.6	23.3

* Source – IMD (08:30 hrs.)

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Nehru Nagar, Delhi - DPCC	411	Severe	PM _{2.5}
	Rohini, Delhi - DPCC	409	Severe	PM _{2.5}
	Mundka, Delhi - DPCC	407	Severe	PM _{2.5}
	Wazirpur, Delhi - DPCC	405	Severe	PM _{2.5}
	Bawana, Delhi - DPCC	400	Very Poor	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	324	Very Poor	PM _{2.5}
Gurugram	Vikas Sadan, Gurugram - HSPCB	349	Very Poor	PM _{2.5}
	NISE Gwal Pahari, Gurugram - IMD	335	Very Poor	PM _{2.5}
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	326	Very Poor	PM _{2.5}
	Loni, Ghaziabad - UPPCB	289	Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	235	Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	323	Very Poor	PM _{2.5}
	Sector-1, Noida - UPPCB	282	Poor	PM _{2.5}