



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 23, 2024



Current Air Quality Status:

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

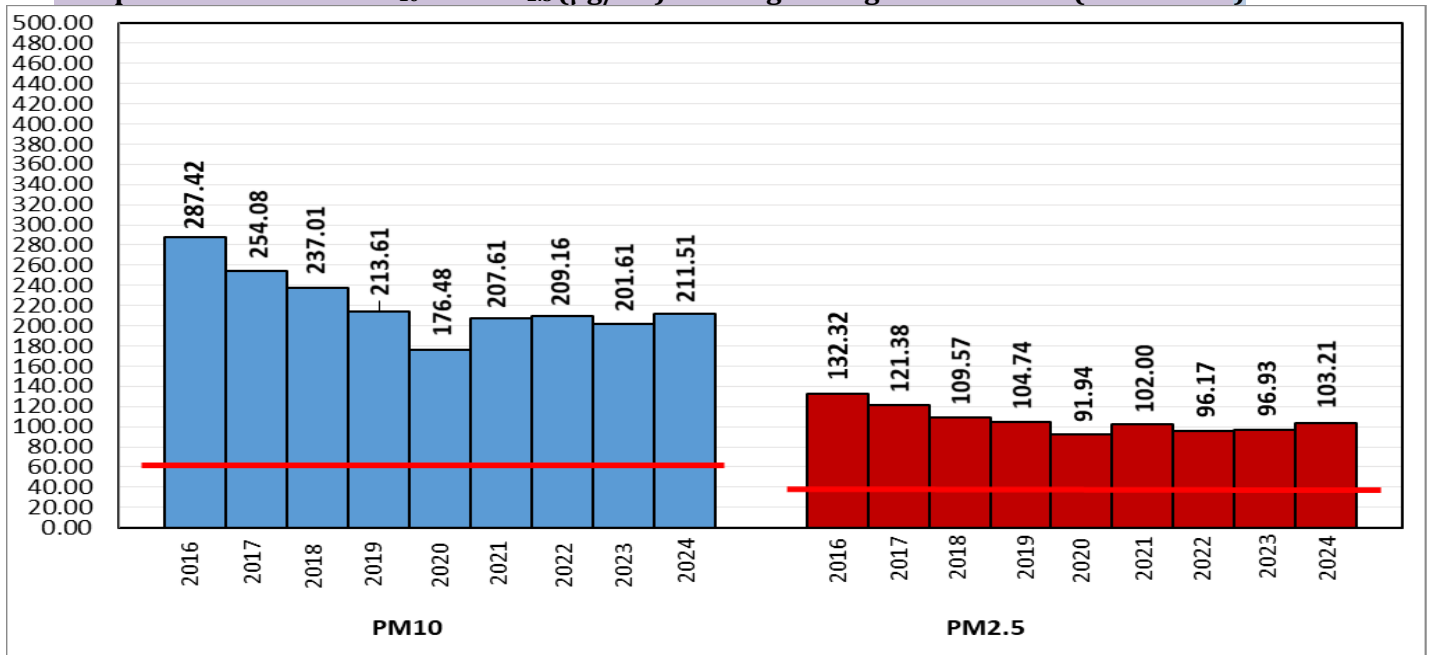
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Severe	406↓	PM _{2.5}	Severe	450↑	PM _{2.5}	Very Poor	359↑	PM ₁₀ , PM _{2.5}
Faridabad	Poor	209↓	PM _{2.5} , PM ₁₀	Very Poor	367↑	PM _{2.5}	Very Poor	341↓	PM ₁₀ , PM _{2.5}
Ghaziabad	Very Poor	323↑	PM _{2.5}	Very Poor	388↑	PM ₁₀ , PM _{2.5}	Poor	284↓	PM _{2.5}
Greater Noida	Poor	250↓	PM _{2.5}	Very Poor	385↓	PM _{2.5}	Very Poor	356↑	PM _{2.5}
Gurugram	Poor	296↓	PM _{2.5}	Very Poor	350↑	PM _{2.5}	Very Poor	335↑	PM _{2.5}
Noida	Very Poor	322↑	PM _{2.5}	Very Poor	390↑	PM ₁₀ , PM _{2.5}	Very Poor	319↓	PM ₁₀ , PM _{2.5}

*Data available for 37(2024), 36(2023), 35(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 23 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	346	357	357	357	358	357	357	357	358										
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)		92	82	68	51	45	63	58	60	66	236	206	198	175	131	160	194	151	151	
Severe (>401)		25	8	16	21	14	21	6	14	17										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Dec 22 (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 22.12.24 to 06:00 am of 23.12.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
22-Dec-2024	279↑	417↑

Hotspots for Today: *Details given below

Delhi	Bawana, Rohini, Sonia Vihar, Wazirpur, Ashok Vihar	Ghaziabad	Indirapuram, Loni
Faridabad	Sector 11	Greater Noida	Knowledge Park - V
Gurugram	NISE Gwal Pahari, Vikas Sadan	Noida	Sector-116, Sector - 62

Forecast by IITM(Delhi):

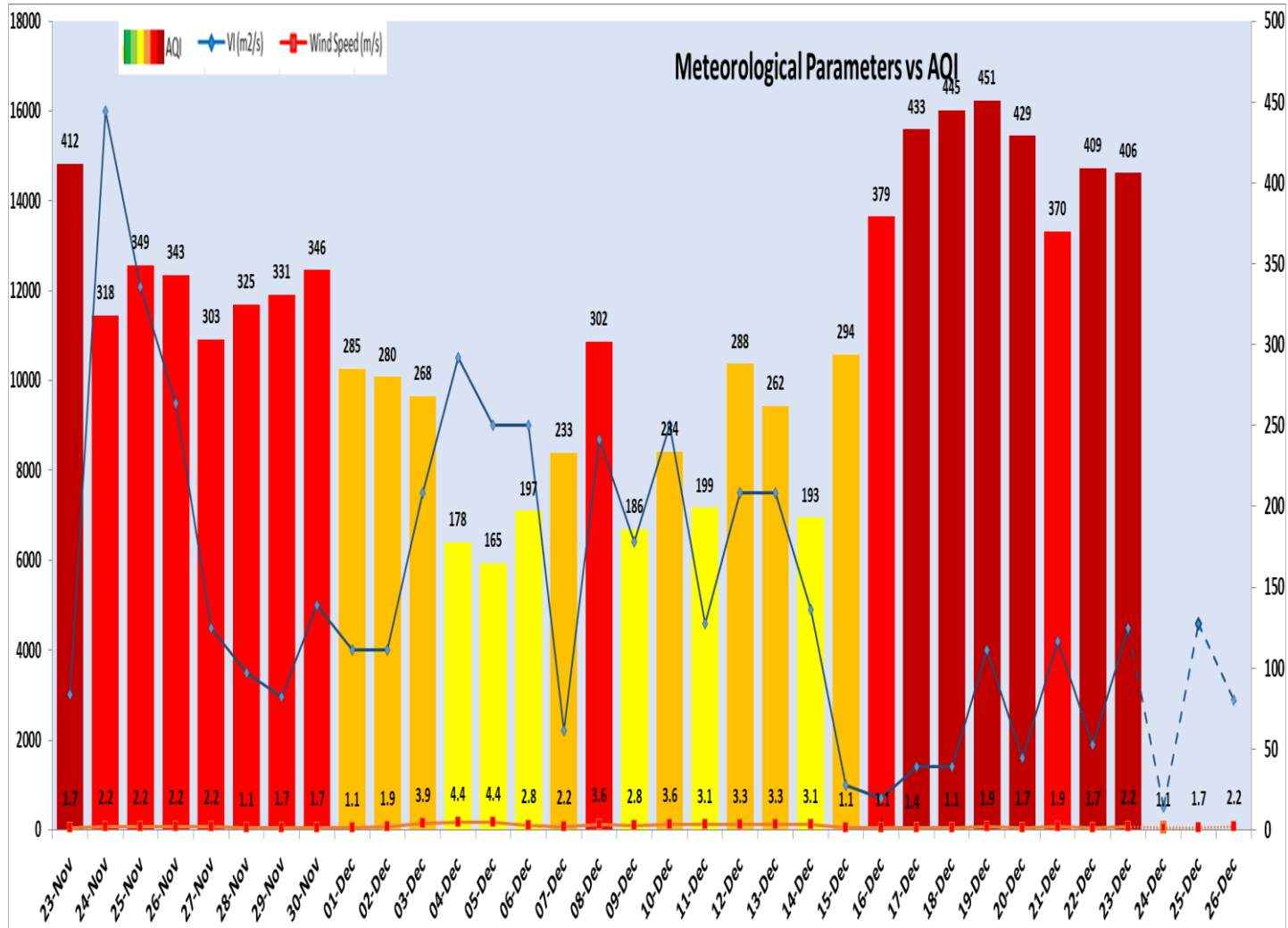
	Dec 24, 2024	Dec 25, 2024	Dec 26, 2024
AQI Category	Very Poor	Very Poor	Very Poor

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 24, 2024	02-06	03	01	NE/N	NW
Dec 25, 2024	04-08	06	16	NNW	NW
Dec 26, 2024	06-10	04	06	NW	NW

IMD Alert for Tomorrow (24.12.2024):

The air quality is likely to be in Very Poor category from 24.12.2024 to 26.12.2024. The predominant surface wind is likely to be from southeast direction with speed less than 04 kmph during morning hours. Smog/moderate fog in most of the places and dense fog in isolated places is likely in the morning. The wind speed will increase thereafter becoming less than 06 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 24.12.2024. Ventilation index is likely to be 500 m²/s.



Delhi Temperature in (°C)*

Date	Minimum	Maximum
20-12-2024	7.5	23.0
21-12-2024	7.6	23.3
22-12-2024	7.3	23.4
23-12-2024	8.6	24.1

* Source – IMD (08:30 hrs.)

▪ *Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Bawana, Delhi - DPCC	474	Severe	PM _{2.5}
	Rohini, Delhi - DPCC	463	Severe	PM _{2.5}
	Sonia Vihar, Delhi - DPCC	460	Severe	PM _{2.5}
	Wazirpur, Delhi - DPCC	458	Severe	PM _{2.5}
	Ashok Vihar, Delhi - DPCC	453	Severe	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	299	Poor	PM _{2.5}
Gurugram	NISE Gwal Pahari, Gurugram - IMD	326	Very Poor	PM _{2.5}
	Vikas Sadan, Gurugram - HSPCB	309	Very Poor	PM _{2.5}
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	371	Very Poor	PM _{2.5}
	Loni, Ghaziabad - UPPCB	352	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	298	Poor	PM _{2.5}
Noida	Sector-116, Noida - UPPCB	369	Very Poor	PM _{2.5}
	Sector - 62, Noida - IMD	354	Very Poor	PM _{2.5}