



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 24, 2024



Current Air Quality Status:

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

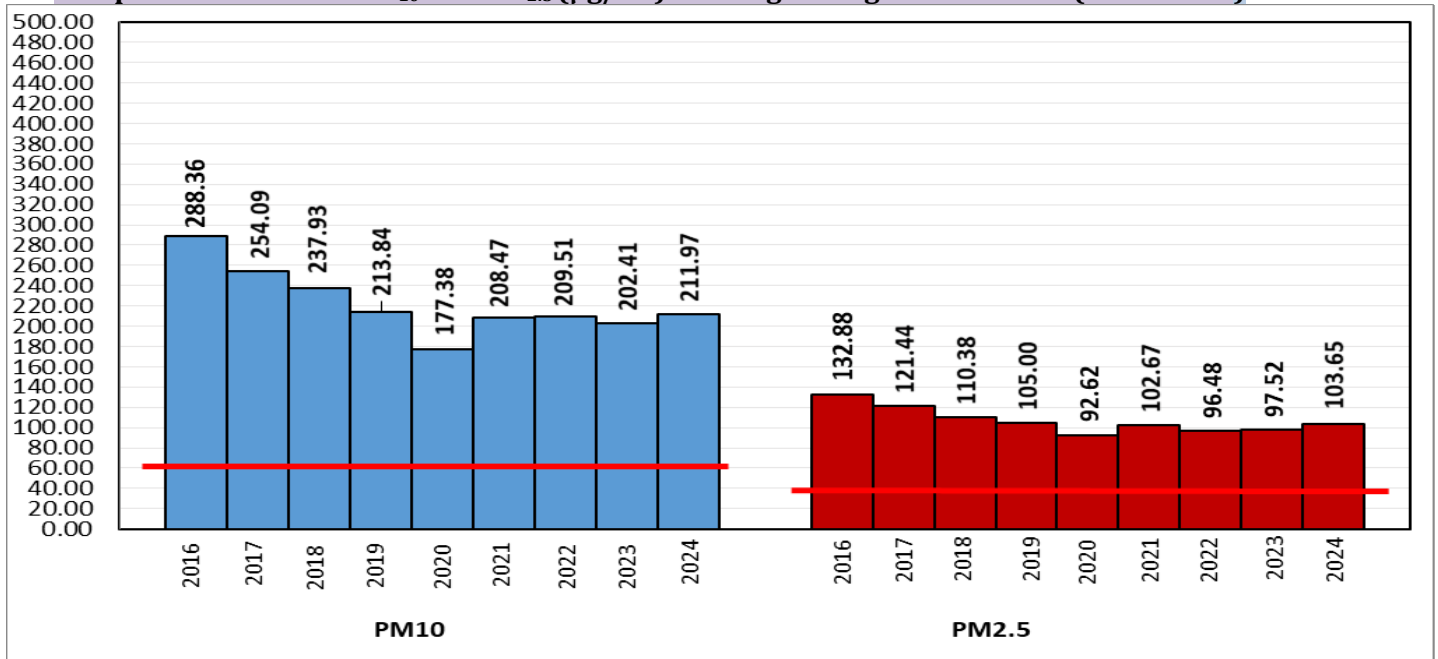
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	369↓	PM _{2.5}	Severe	411↓	PM _{2.5} , PM ₁₀	Very Poor	349↓	PM _{2.5}
Faridabad	Poor	205↓	PM _{2.5} , PM ₁₀	Very Poor	327↓	PM _{2.5}	Very Poor	314↓	PM _{2.5}
Ghaziabad	Poor	255↓	PM _{2.5}	Very Poor	360↓	PM ₁₀ , PM _{2.5}	Poor	280↓	PM _{2.5}
Greater Noida	Poor	230↓	PM _{2.5}	Very Poor	376↓	PM _{2.5}	Very Poor	328↓	PM _{2.5}
Gurugram	Very Poor	332↑	PM _{2.5} , PM ₁₀	Very Poor	304↓	PM _{2.5}	Very Poor	355↑	PM _{2.5}
Noida	Poor	269↓	PM _{2.5}	Very Poor	368↓	PM _{2.5}	Poor	280↓	PM ₁₀ , PM _{2.5}

*Data available for 37(2024), 35(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 24 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	347	358	358	358	359	358	358	358	359									
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)		120	116	114	103	72	76	130	77	68									
Very Poor (301–400)		92	82	69	51	45	63	59	60	67	237	207	199	176	132	161	195	152	152
Severe (>401)		25	9	16	22	15	22	6	15	17									

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Dec 23 (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 23.12.24 to 06:00 am of 24.12.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
23-Dec-2024	260↓	374↓

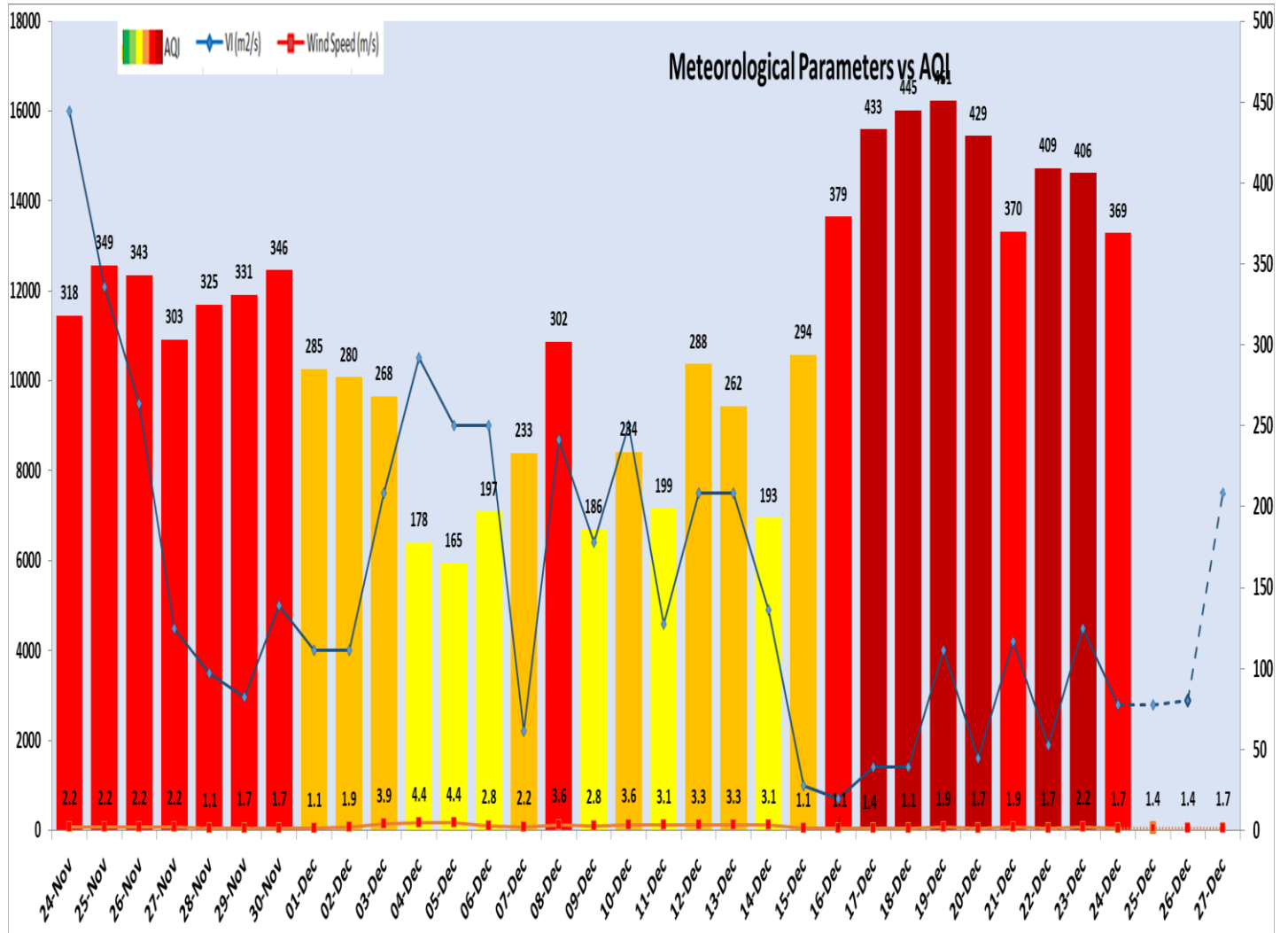
Hotspots for Today:		*Details given below	
Delhi	Mundka, Nehru Nagar, Najafgarh, Wazirpur, Rohini	Ghaziabad	Indirapuram, Loni
Faridabad	Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Sector-51	Noida	Sector - 62, Sector-116

Forecast by IITM(Delhi):			
	Dec 25, 2024	Dec 26, 2024	Dec 27, 2024
AQI Category	Very Poor	Very Poor	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 25, 2024	02-08	04	13	N/NW	NW
Dec 26, 2024	04-06	02	02	NW/N	SW
Dec 27, 2024	04-08	08	17	NW/N	E

IMD Alert for Tomorrow (25.12.2024):

The air quality is likely to be in Very Poor category from 25.12.2024 to 26.12.2024. he predominant surface wind is likely to be from northeast 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 north 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 25.12.2024. Ventilation index is likely to be 2800 m²/s.



Delhi Temperature in (°C)*		
Date	Minimum	Maximum
21-12-2024	7.6	23.3
22-12-2024	7.3	23.4
23-12-2024	8.6	24.1
24-12-2024	9.9	18.4

* Source – IMD (08:30 hrs.)

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Mundka, Delhi - DPCC	425	Severe	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	409	Severe	PM _{2.5}
	Najafgarh, Delhi - DPCC	408	Severe	PM _{2.5}
	Wazirpur, Delhi - DPCC	403	Severe	PM _{2.5}
	Rohini, Delhi - DPCC	402	Severe	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	330	Very Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	406	Severe	PM ₁₀
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	303	Very Poor	PM _{2.5}
	Loni, Ghaziabad - UPPCB	269	Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	251	Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	306	Very Poor	PM _{2.5}
	Sector-116, Noida - UPPCB	301	Very Poor	PM _{2.5}