



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 29, 2024



Current Air Quality Status:

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

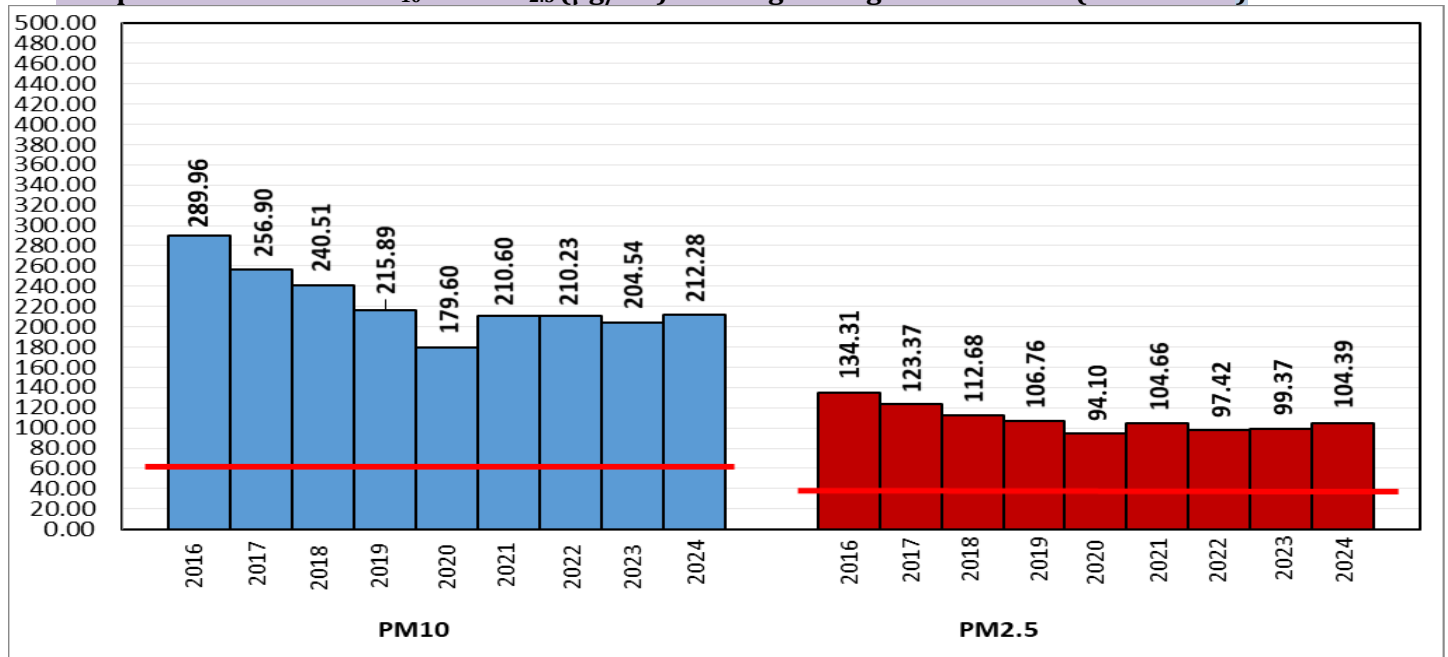
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	225↑	PM _{2.5}	Very Poor	382↑	PM _{2.5}	Very Poor	306↓	PM _{2.5}
Faridabad	Moderate	108↑	PM ₁₀ , PM _{2.5}	Poor	265↓	PM ₁₀ , PM _{2.5}	Very Poor	310↑	PM _{2.5}
Ghaziabad	Moderate	124↑	NO ₂ , PM _{2.5}	Very Poor	328↑	PM _{2.5}	Poor	239↓	PM ₁₀ , PM _{2.5}
Greater Noida	Moderate	141↑	PM ₁₀ , PM _{2.5}	Poor	286↓	PM _{2.5}	Poor	287↑	PM _{2.5}
Gurugram	Moderate	126↑	PM ₁₀ , PM _{2.5}	Poor	264↑	PM _{2.5}	Poor	257↓	PM _{2.5}
Noida	Moderate	162↑	PM _{2.5}	Very Poor	324↓	PM _{2.5}	Poor	296↑	PM _{2.5}

*Data available for 37(2024), 36(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 29 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	352	363	363	363	364	363	363	363	364									
Good (0–50)		0	2	0	2	5	1	3	1	0	110	151	159	182	227	197	163	206	208
Satisfactory (51–100)		23	45	53	58	95	72	65	60	66									
Moderate (101–200)		87	104	106	122	127	124	95	145	142									
Poor (201–300)		120	116	114	103	74	78	130	77	69	242	212	204	181	137	166	200	157	156
Very Poor (301–400)		97	87	72	55	48	64	64	65	70									
Severe (>401)		25	9	18	23	15	24	6	15	17									

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Dec 28 (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 28.12.24 to 06:00 am of 29.12.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
28-Dec-2024	100↓	147↑

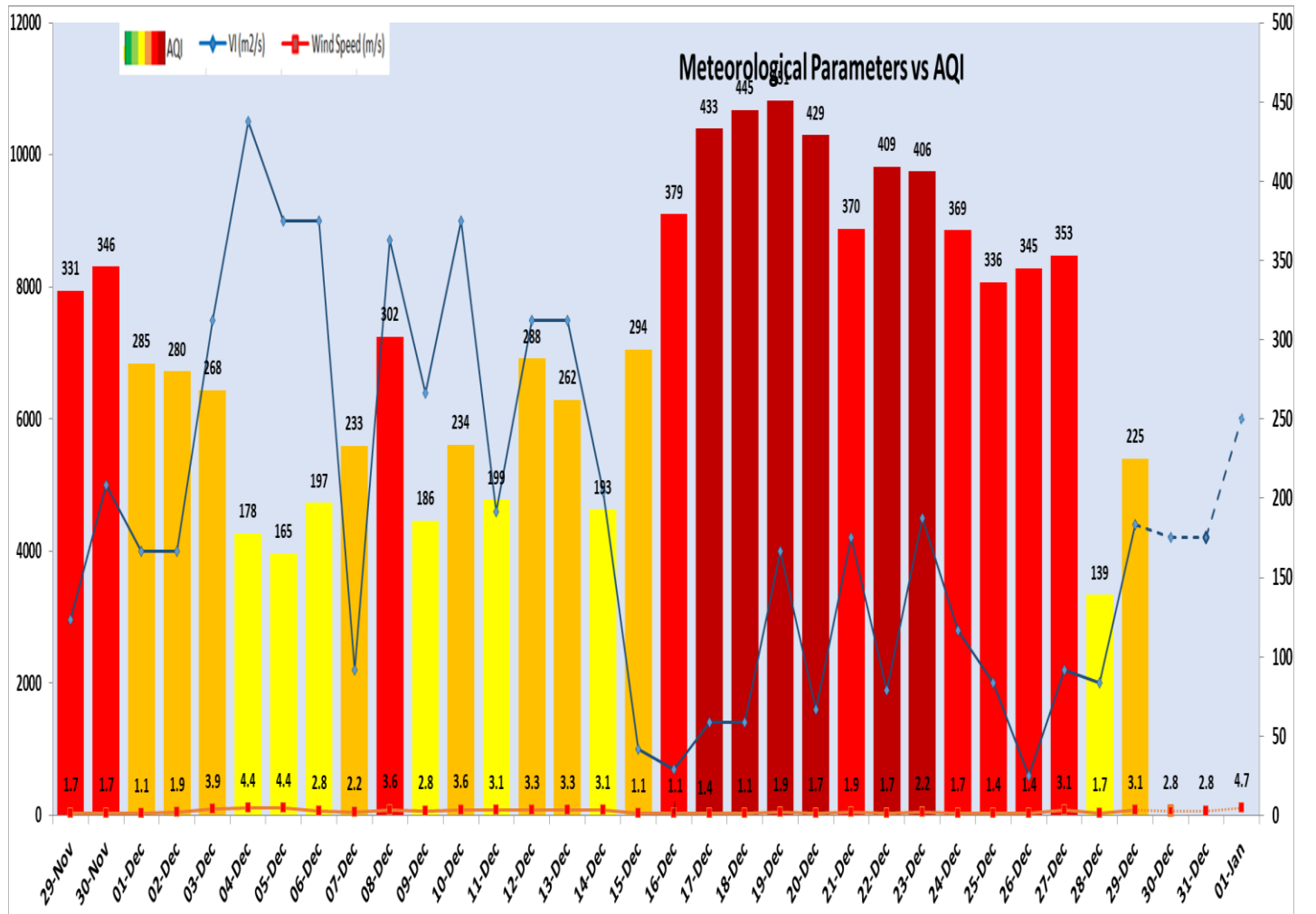
Hotspots for Today:		*Details given below	
Delhi	Sirifort, Vivek Vihar, Anand Vihar, Patparganj, Major Dhyan Chand National Stadium	Ghaziabad	Indirapuram, Vasundhara
Faridabad	Sector - 30	Greater Noida	Knowledge Park - V
Gurugram	Teri Gram	Noida	Sector-62, Sector - 116

Forecast by IITM(Delhi):			
	Dec 30, 2024	Dec 31, 2024	Jan 01, 2025
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 30, 2024	08-12	07	26	NW	NW
Dec 31, 2024	08-12	06	22	NW	NW
Jan 01, 2025	14-20	08	36	NW	NW

IMD Alert for Tomorrow (30.12.2024):

The air quality is likely to be in Very Poor category from 30.12.2024 to 01.01.2025. The predominant surface wind is likely to be coming from Northwest direction with speed less than 12 kmph during morning hours. The wind speed will decrease thereafter becoming less than 10 kmph coming from northwest direction during afternoon. It will be less than 10 kmph coming from northwest direction during evening and night. Smog/dense fog in most of the places and very dense fog in isolated places is likely in the morning, mainly clear sky and smog/shallow fog is likely in the evening/night on 30.12.2024. Ventilation index is likely to be 4200 m²/s.



Delhi Temperature in (°C)*		
Date	Minimum	Maximum
26-12-2024	8.2	22.4
27-12-2024	11.0	24.1
28-12-2024	12.7	14.6
29-12-2024	13.0	15.8

* Source – IMD (08:30 hrs.)

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Sirifort, Delhi - CPCB	308	Very Poor	PM _{2.5}
	Vivek Vihar, Delhi - DPCC	308	Very Poor	PM _{2.5}
	Anand Vihar, Delhi - DPCC	303	Very Poor	PM _{2.5}
	Patparganj, Delhi - DPCC	297	Poor	PM _{2.5}
	Major Dhyan Chand National Stadium, Delhi - DPCC	292	Poor	PM _{2.5}
Faridabad	Sector 30, Faridabad - HSPCB	138	Moderate	PM _{2.5}
Gurugram	Teri Gram, Gurugram - HSPCB	174	Moderate	PM _{2.5}
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	183	Moderate	PM _{2.5}
	Vasundhara, Ghaziabad - UPPCB	146	Moderate	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	192	Moderate	PM _{2.5}
Noida	Sector - 62, Noida - IMD	194	Moderate	PM _{2.5}
	Sector-116, Noida - UPPCB	192	Moderate	PM _{2.5}