



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 16, 2024



Current Air Quality Status:

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

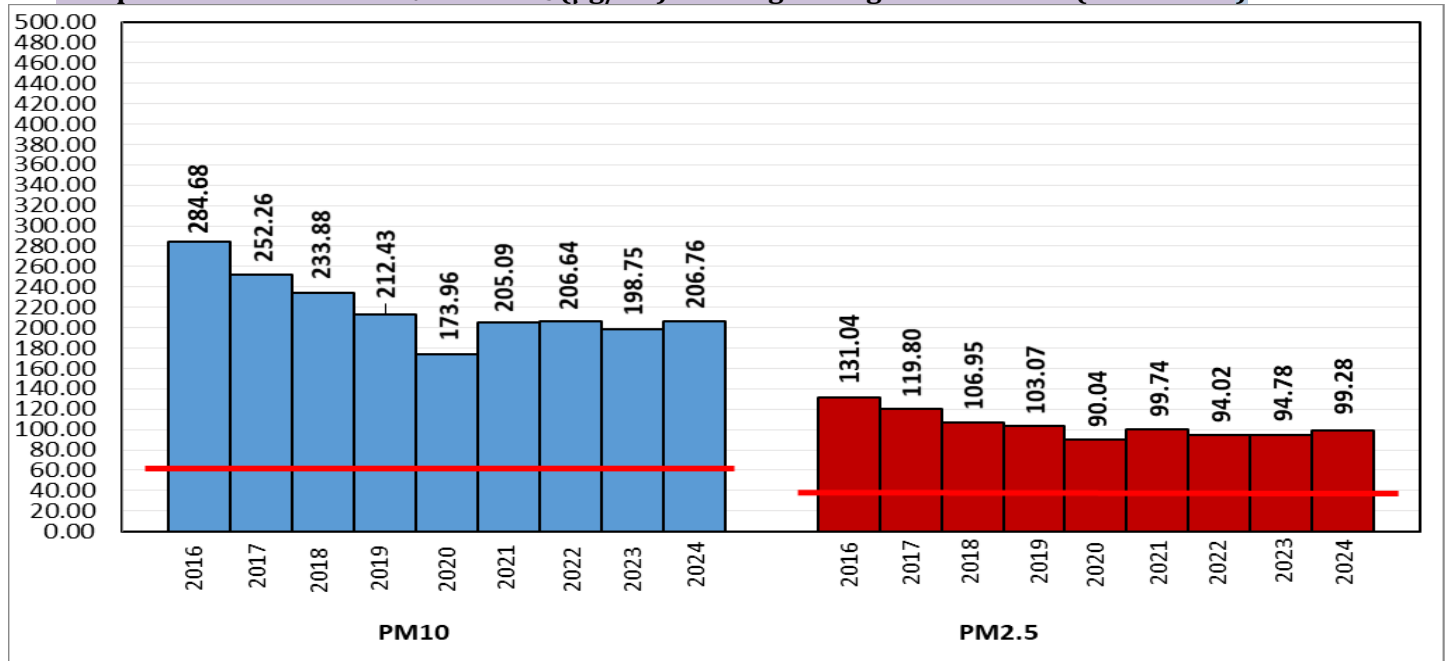
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	379↑	PM _{2.5}	Very Poor	354↑	PM _{2.5} , PM ₁₀	Poor	223↑	PM _{2.5}
Faridabad	Moderate	194↑	PM ₁₀ , PM _{2.5}	Very Poor	318↑	PM ₁₀ , PM _{2.5}	Poor	204↑	PM ₁₀ , PM _{2.5}
Ghaziabad	Very Poor	324↑	O ₃ , PM _{2.5}	Very Poor	316↑	PM _{2.5} , PM ₁₀	Moderate	184↑	PM ₁₀
Greater Noida	Very Poor	358↑	PM _{2.5}	Very Poor	350↑	PM _{2.5} , PM ₁₀	Moderate	199↑	PM _{2.5}
Gurugram	Poor	291↑	O ₃ , PM _{2.5}	Poor	284↑	PM _{2.5}	Poor	252↑	PM _{2.5}
Noida	Very Poor	323↑	PM _{2.5}	Very Poor	330↑	PM ₁₀ , PM _{2.5}	Moderate	154↑	PM ₁₀

*Data available for 37(2024), 37(2023), 36(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 16 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	339	350	350	350	351	350	350	350	351									
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	150	159	179	227	197	163	206	207
Moderate (101–200)		87	103	106	119	127	124	95	145	141									
Poor (201–300)		119	111	111	101	69	74	130	75	68									
Very Poor (301–400)		85	81	64	50	43	61	52	57	65	229	200	191	171	124	153	187	144	144
Severe (>401)		25	8	16	20	12	18	5	12	11									

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till Dec 15 (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 15.12.24 to 06:00 am of 16.12.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
15-Dec-2024	197↑	335↑

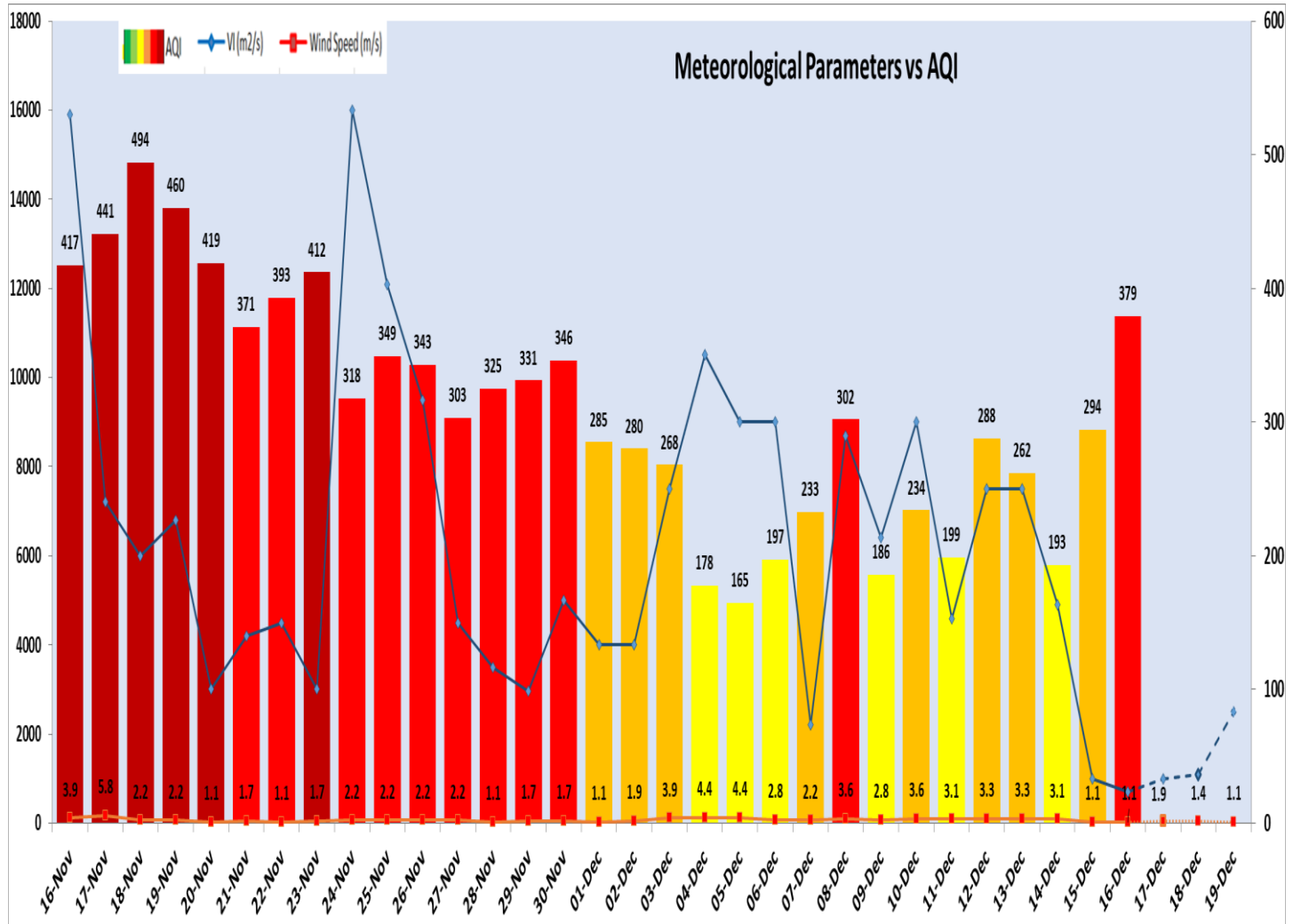
Hotspots for Today:		*Details given below	
Delhi	Anand Vihar, Punjabi Bagh, Nehru Nagar, Wazirpur, Jahangirpuri	Ghaziabad	Indirapuram, Loni
Faridabad	Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Vikas Sadan, NISE Gwal Pahari	Noida	Sector -116, Sector - 62

Forecast by IITM(Delhi):			
	Dec 17, 2024	Dec 18, 2024	Dec 19, 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 17, 2024	06-08	03	07	SE/N	W
Dec 18, 2024	04-06	06	05	VAR	NW
Dec 19, 2024	02-06	04	13	NE/SE	S

IMD Alert for Tomorrow (17.12.2024):

The air quality is likely to be in Severe category on 17.12.2024. The predominant surface wind is likely to be from southeast direction with speed less than 04 kmph during morning hours. Smog/moderate is likely in the morning. The wind speed will increase thereafter becoming less than 06 kmph from northeast 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 with cold wave conditions at isolated places on 17.12.2024. Ventilation index is likely to be 1000 m²/s.



Delhi Temperature in (°C)*		
Date	Minimum	Maximum
13-12-2024	9.0	22.2
14-12-2024	8.0	22.8
15-12-2024	4.9	23.4
16-12-2024	4.5	23.2

* Source – IMD (08:30 hrs.)

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	437	Severe	PM _{2.5}
	Punjabi Bagh, Delhi - DPCC	431	Severe	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	428	Severe	PM _{2.5}
	Wazirpur, Delhi - DPCC	425	Severe	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	424	Severe	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	309	Very Poor	PM _{2.5}
Gurugram	Vikas Sadan, Gurugram - HSPCB	321	Very Poor	PM _{2.5}
	NISE Gwal Pahari, Gurugram - IMD	318	Very Poor	Ozone
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	380	Very Poor	PM _{2.5}
	Loni, Ghaziabad - UPPCB	330	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	384	Very Poor	PM _{2.5}
Noida	Sector-116, Noida - UPPCB	380	Very Poor	PM _{2.5}
	Sector - 62, Noida - IMD	375	Very Poor	PM _{2.5}