



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 27, 2023



Current Air Quality Status:

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

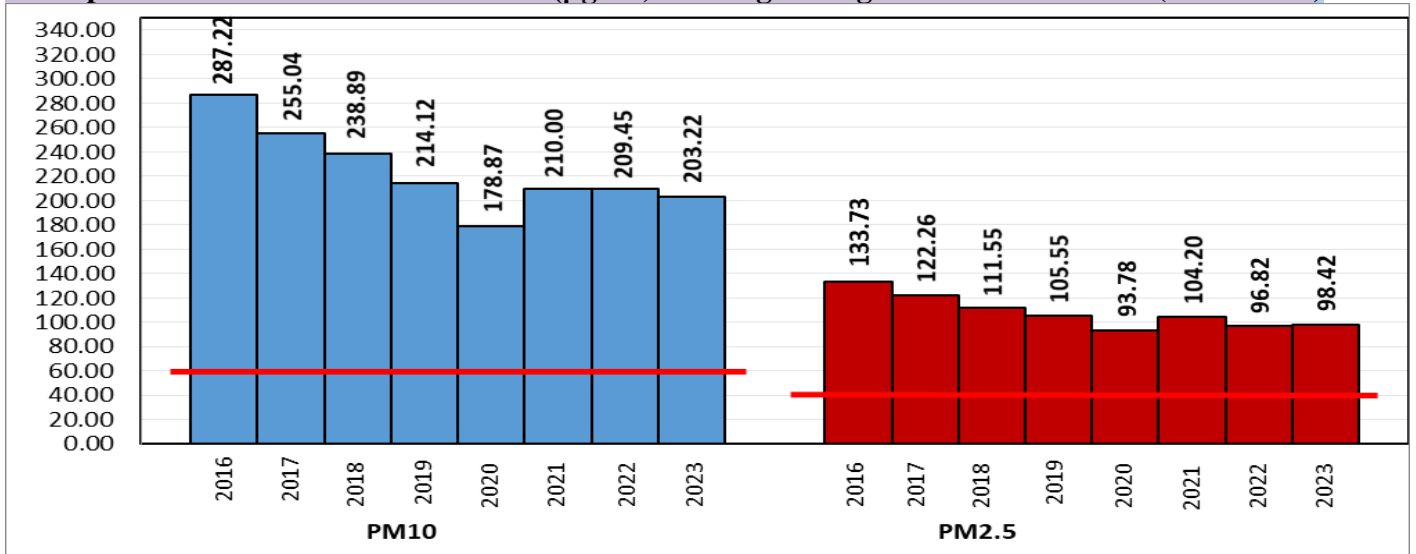
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	380↑	PM2.5	Very Poor	339 ↑	PM2.5	Poor	283↓	PM2.5
Faridabad	Very Poor	329↑	PM10, PM2.5	Poor	285 ↓	PM2.5	Poor	260↓	PM10
Ghaziabad	Very Poor	362↑	PM2.5, PM10	Poor	288 ↑	PM2.5	Poor	212↓	PM2.5
Greater Noida	Very Poor	353↑	PM2.5	Very Poor	364 ↑	PM2.5	Poor	242↓	PM2.5
Gurugram	Very Poor	313↑	PM2.5	Poor	252 ↓	PM2.5	Poor	250↓	PM2.5
Noida	Very Poor	385↑	PM2.5, PM10	Very Poor	315 ↑	PM2.5	Poor	226↓	PM2.5

*Data available for 38(2023), 39(2022), 35(2021) 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 27 December 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	350	361	361	361	362	361	361	361	240	208	203	179	135	164	198	155
Good (0-50)		0	2	0	2	4	1	3	1								
Satisfactory (51-100)		24	45	53	59	96	72	65	60	110	153	158	182	227	197	163	206
Moderate (101-200)		86	106	105	121	127	124	95	145								
Poor (201-300)		120	114	113	103	72	78	130	77								
Very Poor (301-400)		95	85	72	54	48	62	62	63								
Severe (>401)		25	9	18	22	15	24	6	15								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till December 26 (2016- 2023)



*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 26.12.23 to 06:00 am of 27.12.23)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
26- December -2023	238↑	370↑

Hotspots for Today: *Details given below

Delhi	Anand Vihar, Nehru Nagar, Dwarka-Sector 8, Wazirpur, Patparganj	Ghaziabad	Indirapuram, Vasundhara
Faridabad	Sector- 16A, New Industrial Town	Greater Noida	Knowledge Park -V
Gurugram	Sector-51, NISE Gwal Pahari	Noida	Sector - 62, Sector-1, Sector-116

Forecast by IITM (Delhi):

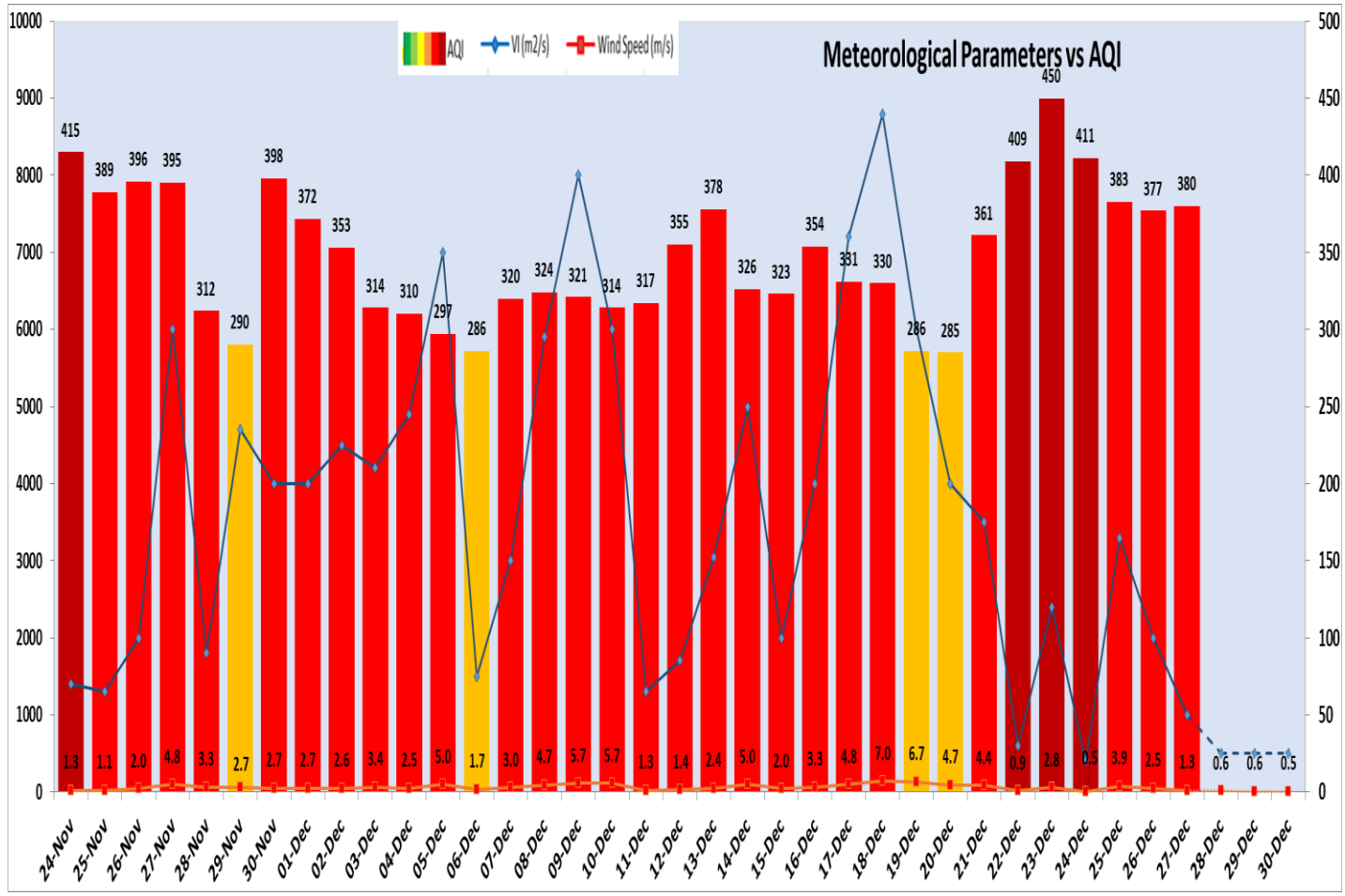
	Dec 28, 2023	Dec 29, 2023	Dec 30, 2023
AQI Category	Very Poor	Very Poor	Very Poor

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 28. 2023	04-06	7	17	SE/NW	NW
Dec 29. 2023	04-08	4	03	ESE/SE	W
Dec 30. 2023	04-08	6	05	ENE/SE	W

IMD Alert for Tomorrow (28.12.2023):

The air quality is likely to remain in Very Poor category from 28.12.2023 to 30.12.2023. The predominant surface wind is likely to be coming from Northwest/Southeast direction in Delhi with wind speed 04-06 kmph, mainly clear sky and dense fog in the morning on 28.12.2023. Ventilation index is likely to be 500 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
24-12-2023	7.6	24.4
25-12-2023	7.8	25.9
26-12-2023	7.0	23.6
27-12-2023	7.8	23.8

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	460	Severe	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	430	Severe	PM _{2.5}
	Dwarka-Sector 8, Delhi - DPCC	426	Severe	PM _{2.5}
	Wazirpur, Delhi - DPCC	426	Severe	PM _{2.5}
	Patparganj, Delhi - DPCC	420	Severe	PM _{2.5}
Faridabad	Sector- 16A, Faridabad - HSPCB	410	Severe	PM _{2.5}
	New Industrial Town, Faridabad - HSPCB	397	Very Poor	PM ₁₀
Gurugram	Sector-51, Gurugram - HSPCB	364	Very Poor	PM _{2.5}
	NISE Gwal Pahari, Gurugram - IMD	323	Very Poor	PM _{2.5}
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	383	Very Poor	PM ₁₀
	Vasundhara, Ghaziabad - UPPCB	378	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	375	Very Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	417	Severe	PM ₁₀
	Sector-1, Noida - UPPCB	391	Very Poor	PM _{2.5}
	Sector-116, Noida - UPPCB	387	Very Poor	PM _{2.5}