



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 15, 2023



Current Air Quality Status:

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

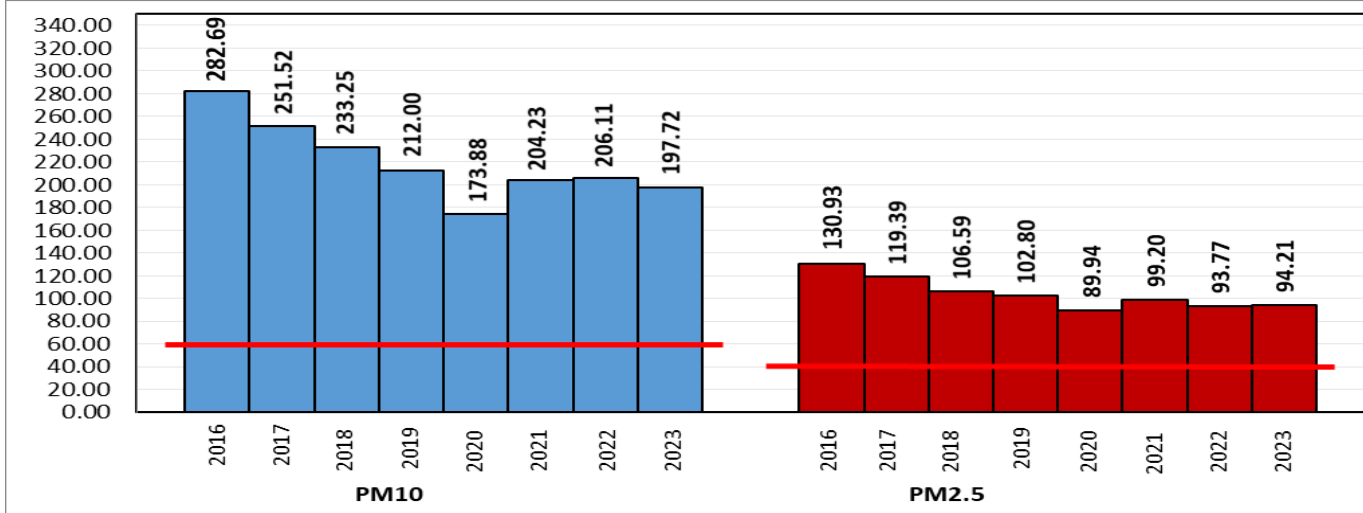
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	323 ↓	PM10,PM2.5	Moderate	189 ↑	PM2.5	Very Poor	363 ↓	PM2.5
Faridabad	Poor	297 ↑	PM2.5	Moderate	191 ↑	PM2.5	Very Poor	334 ↓	PM2.5
Ghaziabad	Poor	294 ↑	PM10,PM2.5	Moderate	150 ↑	PM10	Poor	290 ↓	PM2.5
Greater Noida	Poor	294 ↑	PM2.5	Moderate	171 ↑	PM10	Poor	300 ↑	PM2.5
Gurugram	Poor	274 ↓	PM2.5	Poor	228 ↑	PM2.5	Very Poor	341 ↑	PM2.5
Noida	Poor	299 ↑	PM2.5, PM10	Moderate	137 ↑	PM2.5	Very Poor	309 ↓	PM10, PM2.5

*Data available for 35(2023), 37(2022), 36(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 15 December 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	338	349	349	349	350	349	349	349	2016	2017	2018	2019	2020	2021	2022	2023
Good (0-50)		0	2	0	2	4	1	3	1								
Satisfactory (51-100)		24	45	53	59	96	72	65	60	110	152	157	179	227	197	163	206
Moderate (101-200)		86	105	104	118	127	124	95	145								
Poor (201-300)		119	108	110	100	68	75	129	75								
Very Poor (301-400)		84	81	66	50	43	59	52	56	228	197	192	170	123	152	186	143
Severe (>401)		25	8	16	20	12	18	5	12								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till December 14 (2016- 2023)



*Red line shows the annual average concentration standards for PM₁₀ and PM_{2.5}.

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
14- December -2023	166 ↓	303 ↓

Hotspots for Today: *Details given below

Delhi	Nehru Nagar, Wazirpur, Bawana, Shadipur, Mundka	Ghaziabad	Loni
Faridabad	New Industrial Town, Sector- 11, Sector 16A	Greater Noida	Knowledge Park -V
Gurugram	Sector-51	Noida	Sector - 125, Sector – 116, Sector-62

Forecast by IITM (Delhi):

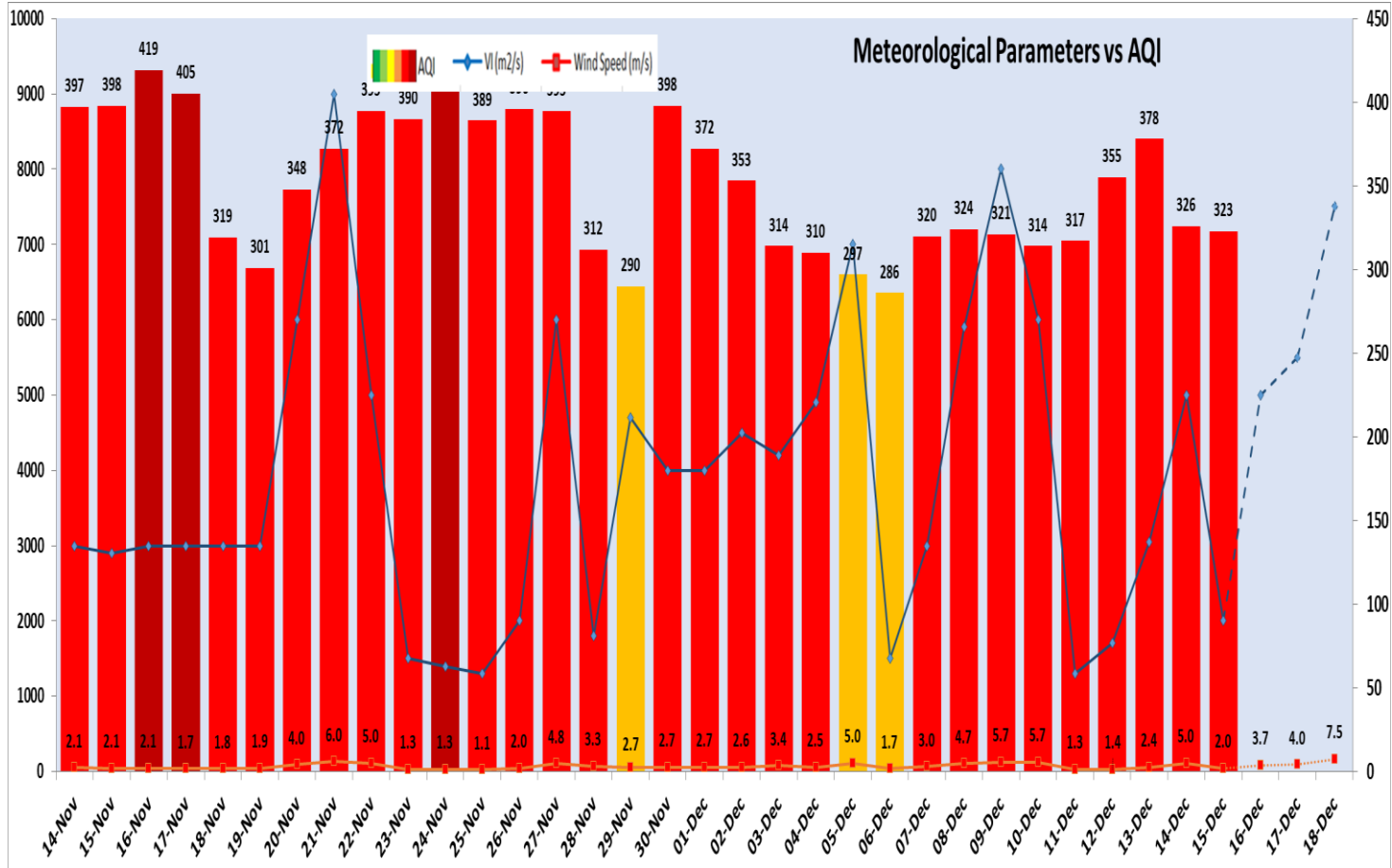
	Dec 16, 2023	Dec 17, 2023	Dec 18, 2023
AQI Category	Very Poor	Very Poor	Very Poor

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 16. 2023	04-08	7	14	N/NW	W
Dec 17. 2023	04-08	8	20	N/NW	NW
Dec 18. 2023	08-20	11	38	NW	NW

IMD Alert for Tomorrow (16.12.2023):

The air quality is likely to remain in Very Poor category from 16.12.2023 to 18.12.2023. The predominant surface wind is likely to be coming from Northwest/North direction in Delhi with wind speed 04-08 kmph, partly cloudy sky becoming mainly clear sky toward afternoon and mist/shallow fog in the morning on 16.12.2023. Ventilation index is likely to be 5000 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
12-12-2023	6.8	24.8
13-12-2023	7.4	24.8
14-12-2023	6.2	24.6
15-12-2023	4.9	24.1

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Nehru Nagar, Delhi - DPCC	378	Very Poor	PM _{2.5}
	Wazirpur, Delhi - DPCC	377	Very Poor	PM ₁₀
	Bawana, Delhi - DPCC	376	Very Poor	PM _{2.5}
	Shadipur, Delhi - CPCB	375	Very Poor	PM ₁₀
	Mundka, Delhi - DPCC	366	Very Poor	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	380	Very Poor	PM _{2.5}
	Sector 11, Faridabad - HSPCB	341	Very Poor	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	315	Very Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	311	Very Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	297	Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	328	Very Poor	PM _{2.5}
Noida	Sector - 125, Noida - UPPCB	332	Very Poor	PM ₁₀
	Sector-116, Noida - UPPCB	309	Very Poor	PM _{2.5}
	Sector - 62, Noida - IMD	301	Very Poor	PM _{2.5}