



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 30, 2023



Current Air Quality Status:

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

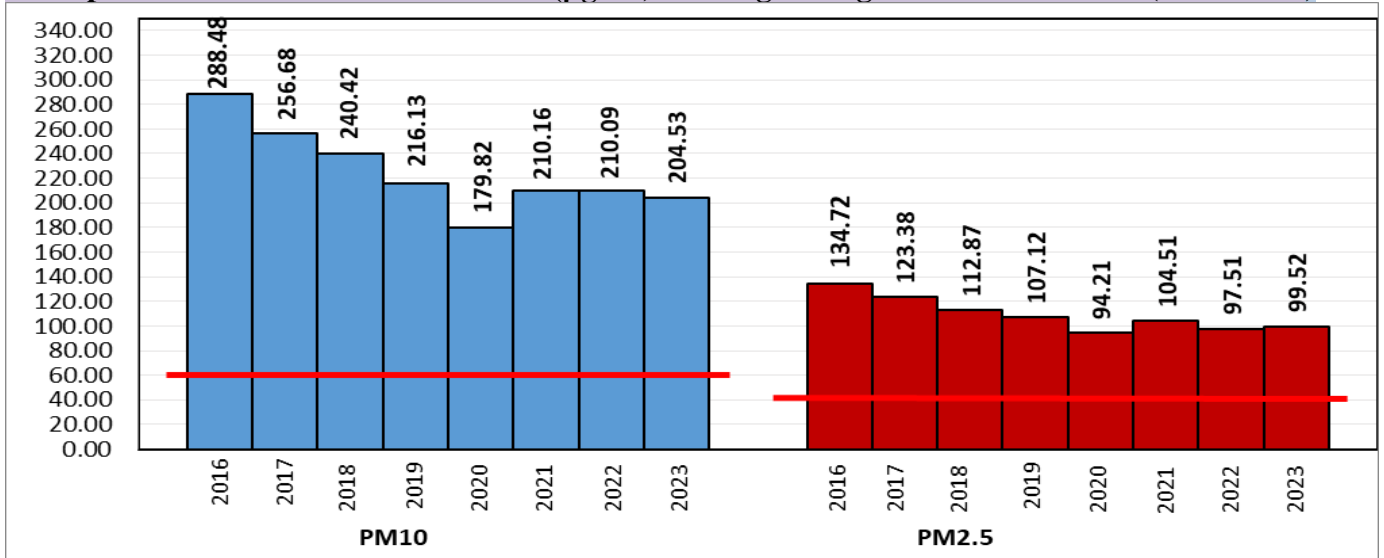
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	400↑	PM2.5	Very Poor	399↑	PM2.5	Poor	286↑	PM2.5
Faridabad	Poor	278↑	PM2.5	Very Poor	346↑	PM2.5	Poor	252↓	PM2.5, PM10
Ghaziabad	Very Poor	324↓	PM2.5	Very Poor	336↑	PM2.5	Poor	268↑	PM2.5
Greater Noida	Very Poor	311↑	PM2.5	Very Poor	374↑	PM2.5	Moderate	166↓	PM2.5
Gurugram	Poor	273↑	PM2.5	Very Poor	348↑	PM2.5	Poor	257↓	PM2.5
Noida	Very Poor	334↑	PM2.5, PM10	Very Poor	344↑	PM2.5	Poor	222↓	PM2.5

*Data available for 37(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 30 December 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	353	364	364	364	365	364	364	364	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	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	75	80	130	77								
Very Poor (301-400)		98	88	74	55	48	63	65	66	243	211	206	182	138	167	201	158
Severe (>401)		25	9	19	24	15	24	6	15								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till December 29(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 29.12.23 to 06:00 am of 30.12.23)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
29- December -2023	255↑	404↑

Hotspots for Today: *Details given below

Delhi	Mundka, Wazirpur, Punjabi Bagh, Anand Vihar, Rohini	Ghaziabad	Sanjay Nagar, Vasundhara, Indirapuram
Faridabad	New Industrial Town, Sector- 16A	Greater Noida	Knowledge Park -V
Gurugram	Sector-51, Teri Gram	Noida	Sector - 62, Sector-1, Sector-116

Forecast by IITM (Delhi):

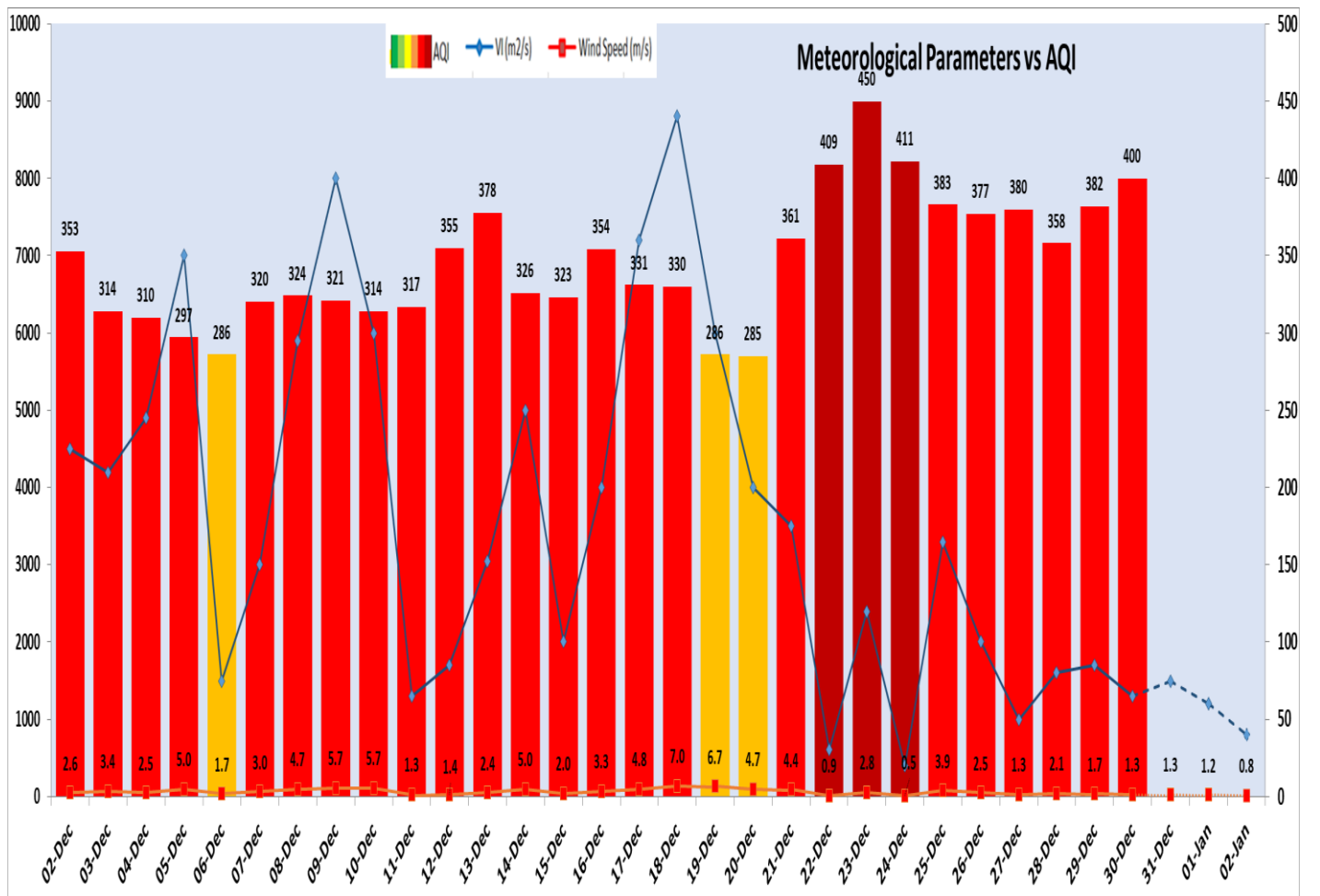
	Dec 31, 2023	Jan 01, 2024	Jan 02, 2024
AQI Category	Very Poor	Very Poor	Very Poor

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 31. 2023	06 to 08	7	02	VAR	SW
Jan 01. 2024	04 to 06	8	10	NW	NW
Jan 02. 2024	UPTO 04	4	03	NW	NE

IMD Alert for Tomorrow (31.12.2023):

The air quality is likely to remain in Very Poor category from 31.12.2023 to 02.01.2024. The predominant surface wind is likely to be coming from Southeast/North directions in Delhi with wind speed 04-08 kmph and partly cloudy sky with moderate to dense fog in the morning on 31.12.2023. Ventilation index is likely to be 1500 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
27-12-2023	7.8	23.8
28-12-2023	8.4	22.0
29-12-2023	10.7	21.4
30-12-2023	11.8	19.8

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Mundka, Delhi - DPCC	451	Severe	PM _{2.5}
	Wazirpur, Delhi - DPCC	441	Severe	PM _{2.5}
	Punjabi Bagh, Delhi - DPCC	440	Severe	PM _{2.5}
	Anand Vihar, Delhi - DPCC	438	Severe	PM _{2.5}
	Rohini, Delhi - DPCC	438	Severe	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	350	Very Poor	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	324	Very Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	318	Very Poor	PM _{2.5}
	Teri Gram, Gurugram - HSPCB	281	Poor	PM _{2.5}
Ghaziabad	Sanjay Nagar, Ghaziabad - UPPCB	331	Very Poor	PM _{2.5}
	Vasundhara, Ghaziabad - UPPCB	330	Very Poor	PM _{2.5}
	Indirapuram, Ghaziabad - UPPCB	328	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	311	Very Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	363	Very Poor	PM ₁₀
	Sector-1, Noida - UPPCB	349	Very Poor	PM _{2.5}
	Sector-116, Noida - UPPCB	337	Very Poor	PM _{2.5}