



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated - December 29, 2023



## Current Air Quality Status:

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

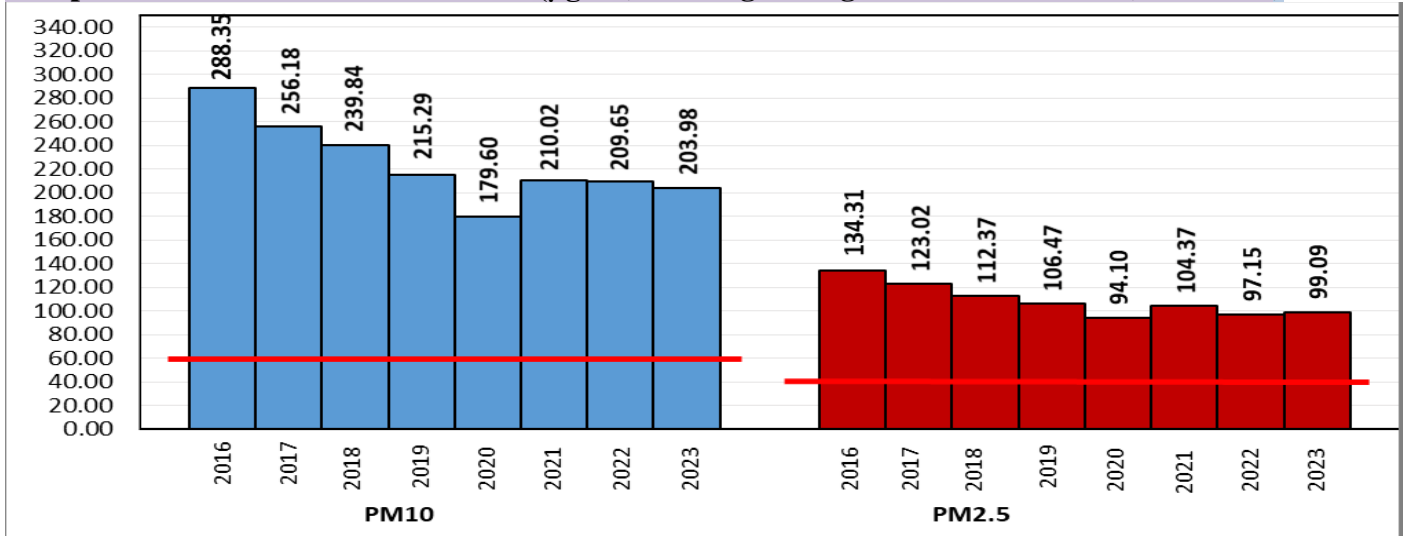
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	382↑	PM2.5	Very Poor	306↓	PM2.5	Poor	267↓	PM2.5
Faridabad	Poor	265↓	PM10, PM2.5	Very Poor	310↑	PM2.5	Poor	262↓	PM2.5, PM10
Ghaziabad	Very Poor	328↑	PM2.5	Poor	239↓	PM10, PM2.5	Poor	257↓	PM2.5
Greater Noida	Poor	286↓	PM2.5	Poor	287↑	PM2.5	Poor	268↓	PM2.5
Gurugram	Poor	264↑	PM2.5	Poor	257↓	PM2.5	Poor	258↓	PM2.5
Noida	Very Poor	324↓	PM2.5	Poor	296↑	PM2.5	Poor	276↑	PM2.5

\*Data available for 36(2023), 38(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 29 December 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	352	363	363	363	364	363	363	363								
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	74	79	130	77								
Very Poor (301-400)		97	87	74	55	48	63	64	65	242	210	205	181	137	166	200	157
Severe (>401)		25	9	18	23	15	24	6	15								

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average - Till December 28 (2016-2023)



\*Red line shows the annual average concentration standards for PM<sub>10</sub> and PM<sub>2.5</sub>.

### Daily Average of Particulates in Delhi (24 hourly average value; from 06:00am of 28.12.23 to 06:00 am of 29.12.23)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
28-December -2023	203↓	321↓

**Hotspots for Today:**

*\*Details given below*

Delhi	AnandVihar, Wazirpur, Punjabi Bagh, Mundka, Nehru Nagar	Ghaziabad	Sanjay Nagar, Vasundhara, Loni
Faridabad	New Industrial Town, Sector- 16A	Greater Noida	Knowledge Park -V
Gurugram	Sector-51, NISE Gwal Pahari, Teri Gram,	Noida	Sector - 62, Sector-1, Sector-116

**Forecast by IITM (Delhi):**

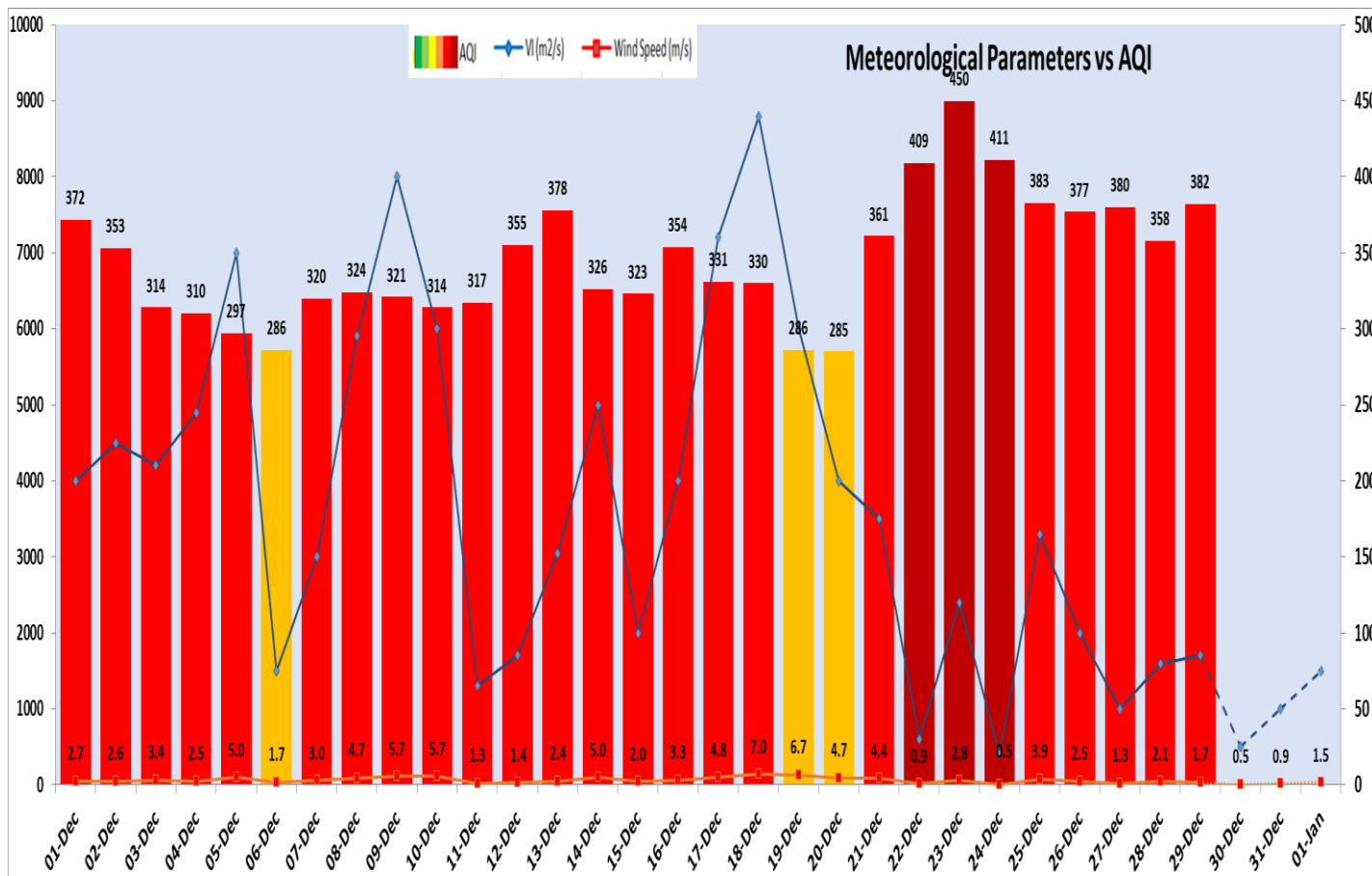
	Dec 30, 2023	Dec 31, 2023	Jan 01, 2023
<b>AQI Category</b>	Very Poor	Very Poor	Very Poor

**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. 2023	06	7	04	E/SE	SE
Dec 31. 2023	04-08	8	06	E/NE	W
Jan 01. 2023	06-10	9	10	N	NW

**IMD Alert for Tomorrow (30.12.2023):**

The air quality is likely to remain in Very Poor category from 30.12.2023 to 01.01.2024. The predominant surface wind is likely to be coming from East/Southeast directions in Delhi with wind speed up to 06 kmph and partly cloudy sky with moderate to dense fog in the morning on 30.12.2023. Ventilation index is likely to be 500m<sup>2</sup>/s.



## Delhi Temperature in (°C)

Date	Minimum	Maximum
26-12-2023	7.0	23.6
27-12-2023	7.8	23.8
28-12-2023	8.4	22.0
29-12-2023	10.7	21.4

### Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	AnandVihar, Delhi - DPCC	442	Severe	PM <sub>2.5</sub>
	Wazirpur, Delhi - DPCC	432	Severe	PM <sub>2.5</sub>
	Punjabi Bagh, Delhi - DPCC	431	Severe	PM <sub>2.5</sub>
	Mundka, Delhi - DPCC	428	Severe	PM <sub>2.5</sub>
	Nehru Nagar, Delhi - DPCC	423	Severe	PM <sub>2.5</sub>
Faridabad	New Industrial Town, Faridabad - HSPCB	374	Very Poor	PM <sub>2.5</sub>
	Sector- 16A, Faridabad - HSPCB	325	Very Poor	PM <sub>2.5</sub>
Gurugram	Sector-51, Gurugram - HSPCB	315	Very Poor	PM <sub>2.5</sub>
	NISE Gwal Pahari, Gurugram - IMD	296	Poor	PM <sub>2.5</sub>
	Teri Gram, Gurugram - HSPCB	274	Poor	PM <sub>2.5</sub>
Ghaziabad	Sanjay Nagar, Ghaziabad - UPPCB	340	Very Poor	PM <sub>2.5</sub>
	Vasundhara, Ghaziabad - UPPCB	338	Very Poor	PM <sub>2.5</sub>
	Loni, Ghaziabad - UPPCB	328	Very Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	319	Very Poor	PM <sub>2.5</sub>
Noida	Sector - 62, Noida - IMD	351	Very Poor	PM <sub>2.5</sub>
	Sector-1, Noida - UPPCB	342	Very Poor	PM <sub>2.5</sub>
	Sector-116, Noida - UPPCB	341	Very Poor	PM <sub>2.5</sub>