



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 28, 2023



## Current Air Quality Status:

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

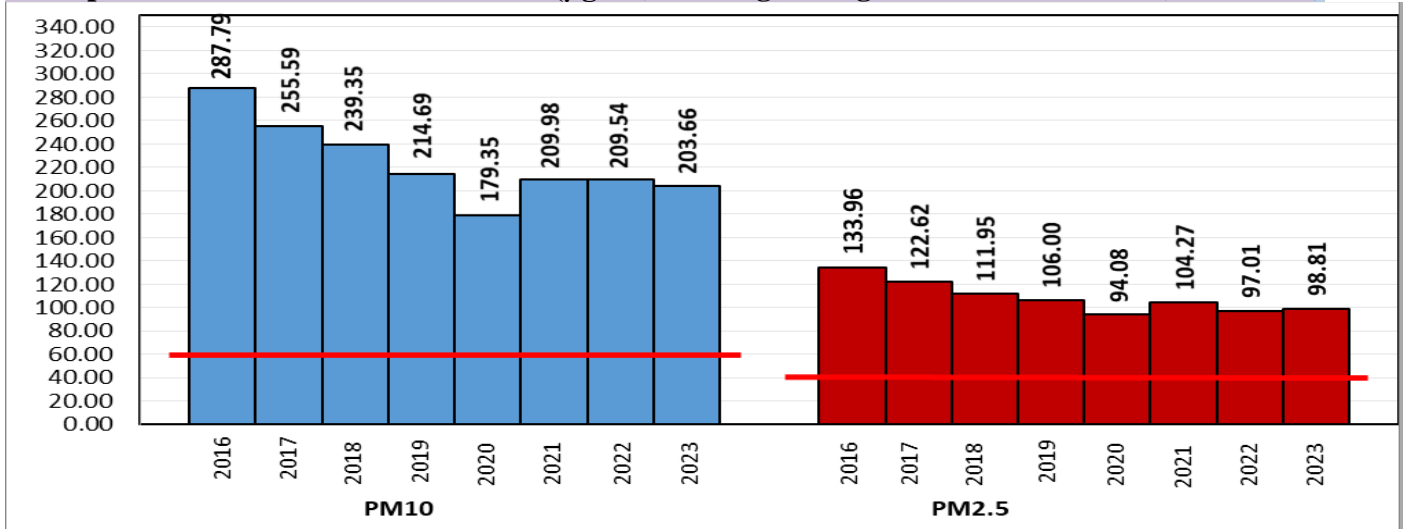
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	358↓	PM2.5	Very Poor	321↓	PM2.5	Very Poor	305↑	PM2.5
Faridabad	Poor	293↓	PM2.5	Poor	248↓	PM2.5	Poor	300↑	PM2.5
Ghaziabad	Very Poor	318↓	PM2.5	Poor	269↓	PM2.5	Poor	286↑	PM2.5
Greater Noida	Very Poor	360↑	PM2.5	Poor	286↓	PM2.5	Poor	288↑	PM2.5
Gurugram	Poor	219↓	PM2.5	Poor	261↑	PM2.5	Poor	283↑	PM2.5
Noida	Very Poor	351↓	PM2.5	Poor	264↓	PM2.5	Poor	274↑	PM2.5

\*Data available for 38(2023), 39(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 28 December 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	351	362	362	362	363	362	362	362	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	73	78	130	77								
Very Poor (301–400)		96	86	73	55	48	63	63	64	241	209	204	180	136	165	199	156
Severe (>401)		25	9	18	22	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 27 (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 27.12.23 to 06:00 am of 28.12.23)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
27- December -2023	237↓	360↓

Hotspots for Today: \*Details given below

Delhi	Anand Vihar, Nehru Nagar, Jahangirpuri, Patparganj, ITO	Ghaziabad	Vasundhara, Sanjay Nagar
Faridabad	New Industrial Town, Sector- 16A	Greater Noida	Knowledge Park -V
Gurugram	Teri Gram, NISE Gwal Pahari, Sector-51	Noida	Sector-116, Sector - 62, Sector-1

**Forecast by IITM (Delhi):**

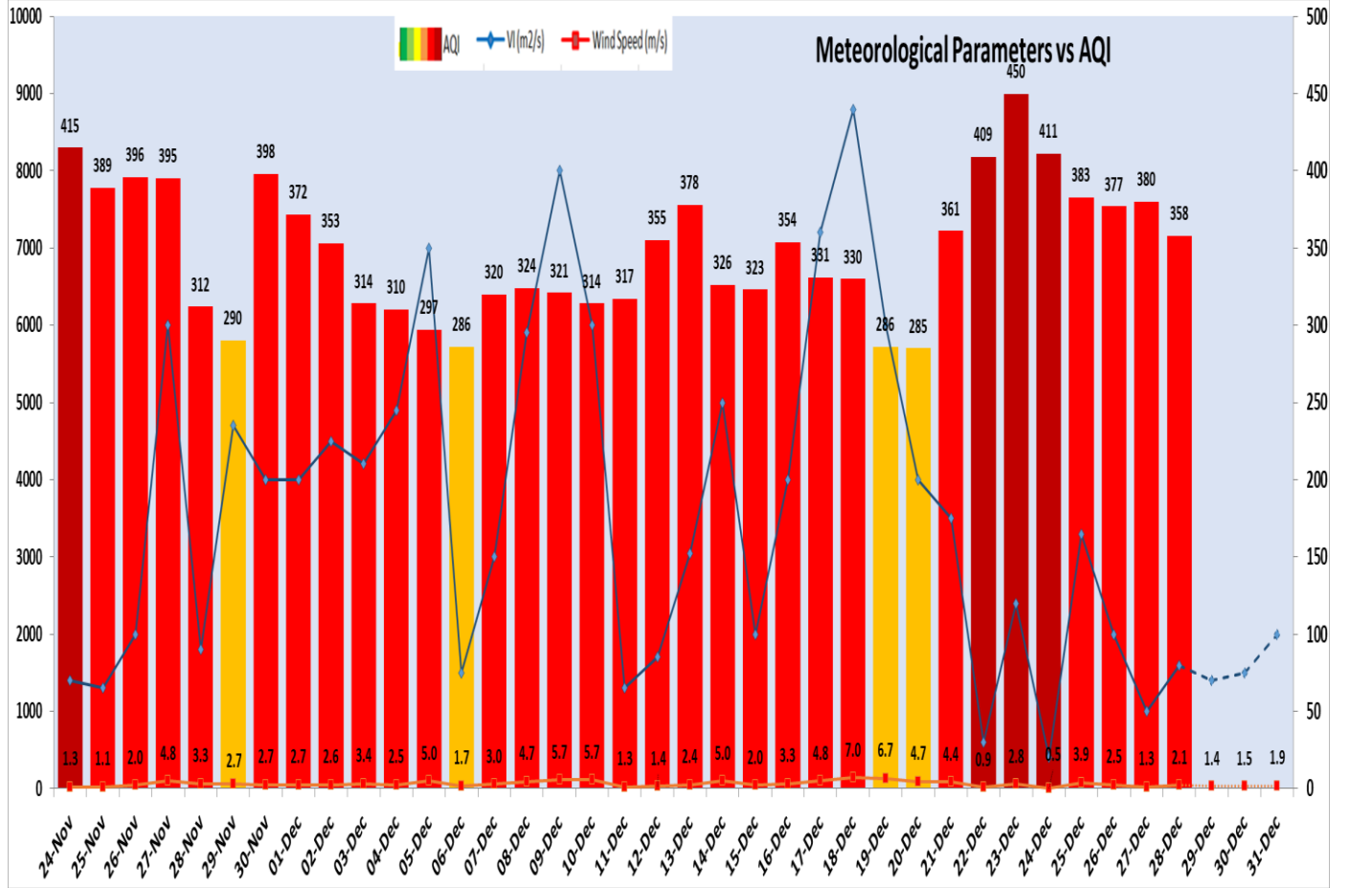
	Dec 29, 2023	Dec 30, 2023	Dec 31, 2023
<b>AQI Category</b>	Very Poor	Very Poor	Very Poor

**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 29. 2023	04-06	5	04	SE/E	E
Dec 30. 2023	06-08	7	02	SE/E	N
Dec 31. 2023	04-06	7	04	E/NE	W

**IMD Alert for Tomorrow (29.12.2023):**

The air quality is likely to remain in Very Poor category from 29.12.2023 to 31.12.2023. The predominant surface wind is likely to be coming from East/Southeast directions in Delhi with wind speed 06-04 kmph and partly cloudy sky with Dense to Very Dense fog at most places in the morning on 29.12.2023. Ventilation index is likely to be 1100 m<sup>2</sup>/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
25-12-2023	7.8	25.9
26-12-2023	7.0	23.6
27-12-2023	7.8	23.8
28-12-2023	8.4	22.0

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	424	Severe	PM <sub>2.5</sub>
	Nehru Nagar, Delhi - DPCC	409	Severe	PM <sub>2.5</sub>
	Jahangirpuri, Delhi - DPCC	405	Severe	PM <sub>2.5</sub>
	Patparganj, Delhi - DPCC	405	Severe	PM <sub>2.5</sub>
	ITO, Delhi - CPCB	401	Severe	PM <sub>2.5</sub>
Faridabad	New Industrial Town, Faridabad - HSPCB	356	Very Poor	PM <sub>2.5</sub>
	Sector- 16A, Faridabad - HSPCB	346	Very Poor	PM <sub>2.5</sub>
Gurugram	Teri Gram, Gurugram - HSPCB	267	Poor	PM <sub>2.5</sub>
	NISE Gwal Pahari, Gurugram - IMD	249	Poor	PM <sub>2.5</sub>
	Sector-51, Gurugram - HSPCB	245	Poor	PM <sub>2.5</sub>
Ghaziabad	Vasundhara, Ghaziabad - UPPCB	344	Very Poor	PM <sub>2.5</sub>
	Sanjay Nagar, Ghaziabad - UPPCB	342	Very Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	382	Very Poor	PM <sub>2.5</sub>
Noida	Sector-116, Noida - UPPCB	377	Very Poor	PM <sub>2.5</sub>
	Sector - 62, Noida - IMD	374	Very Poor	PM <sub>2.5</sub>
	Sector-1, Noida - UPPCB	355	Very Poor	PM <sub>2.5</sub>