



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 21, 2023



## Current Air Quality Status:

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

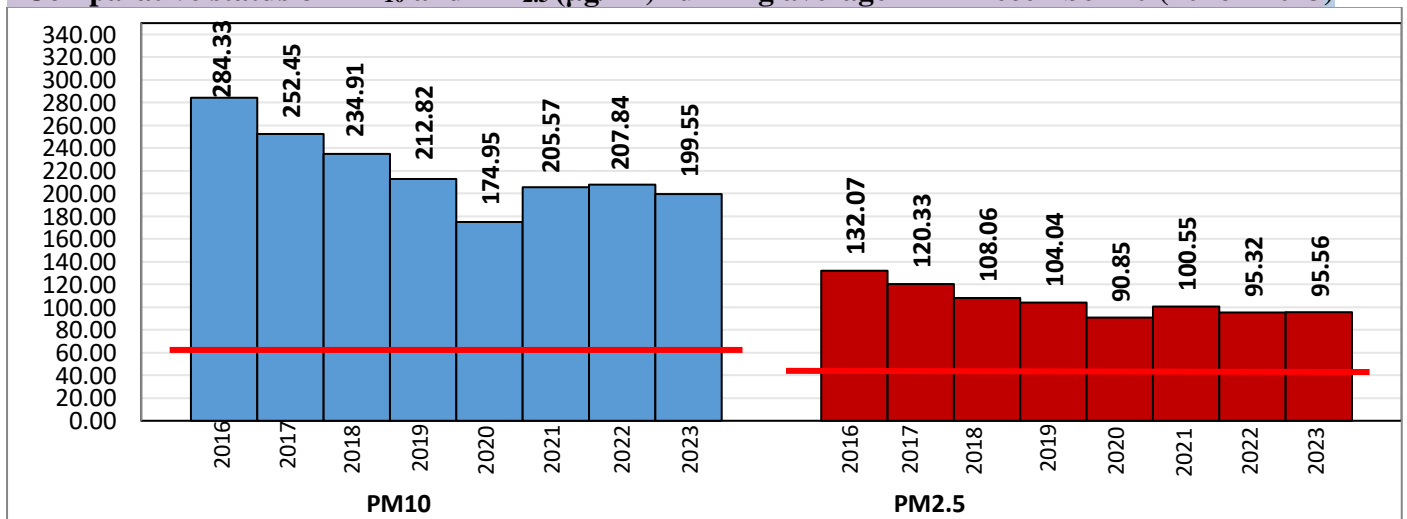
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	361↑	PM2.5	Very Poor	328↓	PM2.5	Severe	402↑	PM2.5
Faridabad	Poor	238↑	PM2.5	Very Poor	333↓	PM10, PM2.5	Very Poor	395↑	PM2.5
Ghaziabad	Very Poor	337↑	PM2.5	Very Poor	262↓	PM2.5	Very Poor	392↑	PM2.5
Greater Noida	Very Poor	337↑	PM2.5	Very Poor	324↓	PM2.5	Very Poor	372↑	PM2.5
Gurugram	Poor	246↑	PM2.5	Very Poor	340↓	PM2.5	Very Poor	314↑	PM2.5
Noida	Very Poor	356↑	PM2.5, PM10	Very Poor	312↓	PM2.5	Very Poor	382↑	PM2.5, PM10

\*Data available for 37(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 21 December 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	344	355	355	355	356	355	355	355	110	153	158	182	227	197	163	206
Good (0–50)		0	2	0	2	4	1	3	1								
Satisfactory (51–100)		24	45	53	59	96	72	65	60								
Moderate (101–200)		86	106	105	121	127	124	95	145								
Poor (201–300)		119	113	113	103	72	77	130	77								
Very Poor (301–400)		90	81	68	50	45	62	56	60	234	202	197	173	129	158	192	149
Severe (>401)		25	8	16	20	12	19	6	12								

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average - Till December 20 (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 20.12.23 to 06:00 am of 21.12.23)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
20- December -2023	170↑	299↑

Hotspots for Today:

\*Details given below

Delhi	Nehru Nagar, Jahangirpuri, Mundka, ITO, Shadipur	Ghaziabad	Loni, Sanjay Nagar
Faridabad	New Industrial Town	Greater Noida	Knowledge Park -V
Gurugram	Teri Gram, Sector-51, NISE Gwal Pahari	Noida	Sector-62, Sector-125

Forecast by IITM (Delhi):

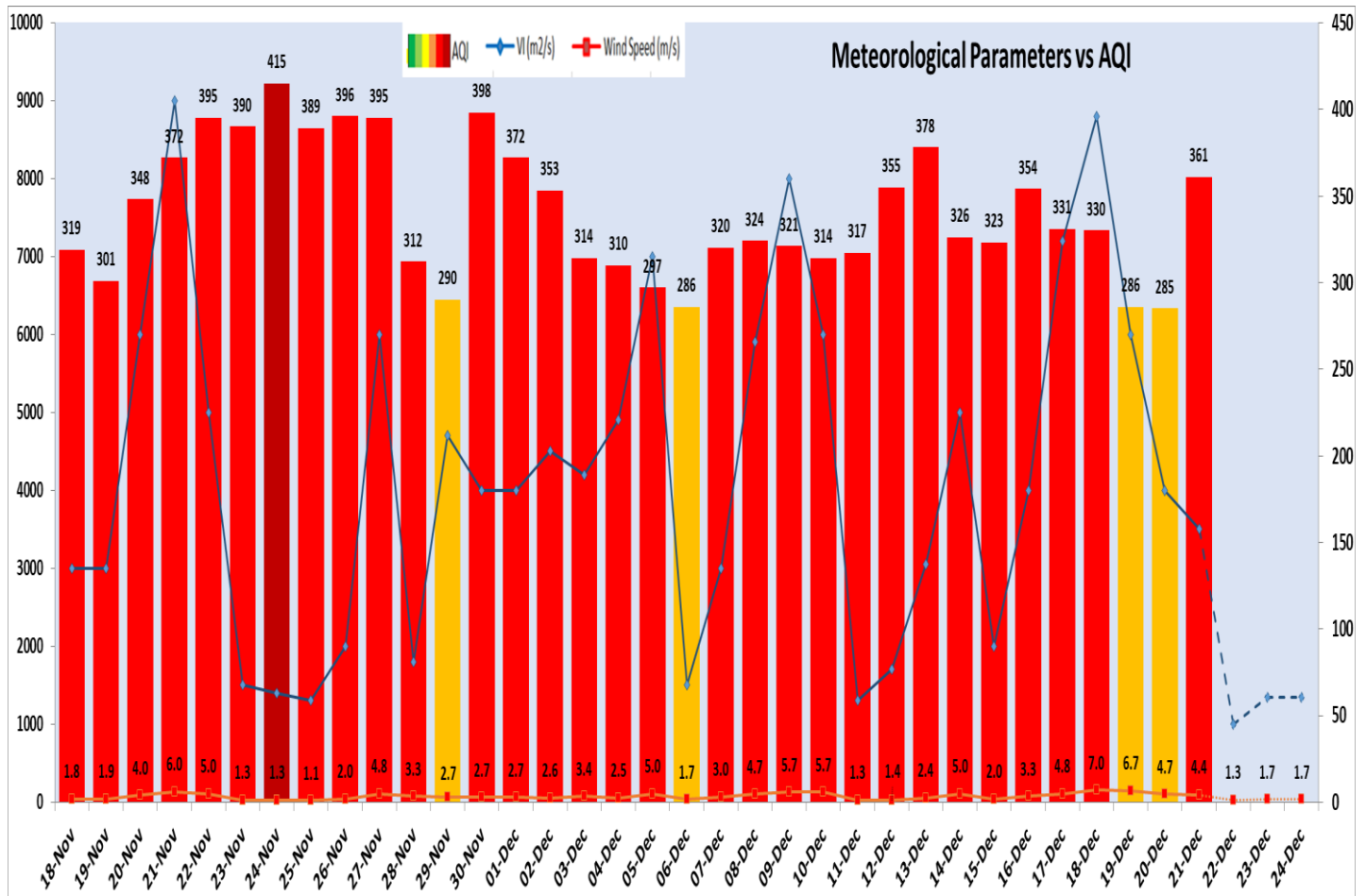
	Dec 22, 2023	Dec 23, 2023	Dec 24, 2023
<b>AQI Category</b>	Very Poor	Very Poor	Very Poor

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 22. 2023	04-08	5	05	NE/N	N
Dec 23. 2023	04-08	5	05	NE/SE	E
Dec 24. 2023	06-08	9	09	NW	NW

IMD Alert for Tomorrow (22.12.2023):

The air quality is likely to remain in Very Poor category from 22.12.2023 to 24.12.2023. The predominant surface wind is likely to be coming from NorthEast/North directions in Delhi with wind speed 04-08 kmph, partly cloudy sky, shallow fog in the morning and possibility of very light rain/drizzle towards night on 22.12.2023. Ventilation index is likely to be 1000 m<sup>2</sup>/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
18-12-2023	7.1	24.7
19-12-2023	7.8	22.3
20-12-2023	6.2	23.5
21-12-2023	6.4	22.2

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Nehru Nagar, Delhi - DPCC	423	Severe	PM <sub>2.5</sub>
	Jahangirpuri, Delhi - DPCC	421	Severe	PM <sub>2.5</sub>
	Mundka, Delhi - DPCC	406	Severe	PM <sub>2.5</sub>
	ITO, Delhi - CPCB	403	Severe	PM <sub>2.5</sub>
	Shadipur, Delhi - CPCB	397	Very Poor	PM <sub>2.5</sub>
Faridabad	New Industrial Town, Faridabad - HSPCB	358	Very Poor	PM <sub>2.5</sub>
Gurugram	Teri Gram, Gurugram - HSPCB	291	Poor	PM <sub>2.5</sub>
	Sector-51, Gurugram - HSPCB	262	Poor	PM <sub>2.5</sub>
	NISE Gwal Pahari, Gurugram - IMD	260	Poor	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	340	Very Poor	PM <sub>2.5</sub>
	Sanjay Nagar, Ghaziabad - UPPCB	338	Very Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	357	Very Poor	PM <sub>2.5</sub>
Noida	Sector - 62, Noida - IMD	385	Very Poor	PM <sub>10</sub>
	Sector - 125, Noida - UPPCB	378	Very Poor	PM <sub>2.5</sub>