



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 11, 2023



## Current Air Quality Status:

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

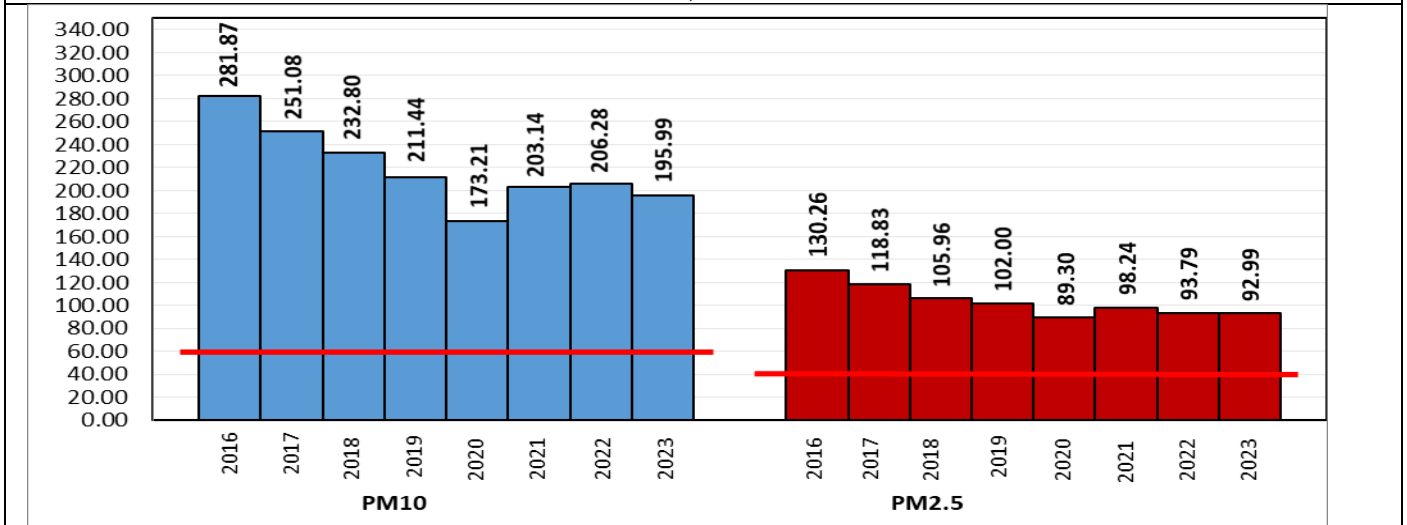
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	317↑	PM2.5	Very Poor	306↓	PM2.5	Poor	281↓	PM2.5
Faridabad	Poor	269↓	PM2.5	Poor	275↓	PM2.5	Poor	221↓	PM10, PM2.5
Ghaziabad	Poor	252↑	PM2.5	Poor	270↓	PM2.5	Poor	264↓	PM2.5
Greater Noida	Poor	277↑	PM2.5	Very Poor	306↓	PM2.5	Moderate	192↓	PM2.5
Gurugram	Poor	260↑	PM2.5	Poor	204↓	PM2.5	Poor	268↓	PM2.5
Noida	Poor	288↑	PM2.5,PM10	Poor	268↓	PM2.5	Poor	218↓	PM2.5

\*Data available for 37(2023), 36(2022), 31(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 11 December 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	334	345	345	345	346	345	345	345	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	226	197	160	206
Moderate (101–200)		86	105	104	118	126	124	92	145								
Poor (201–300)		119	106	110	100	67	74	128	75								
Very Poor (301–400)		80	79	64	48	41	56	52	52	224	193	188	166	120	148	185	139
Severe (>401)		25	8	14	18	12	18	5	12								

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average - Till December 10 (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 10.12.23 to 06:00 am of 11.12.23)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
10- December -2023	159	268↓

Hotspots for Today:

\*Details given below

Delhi	Nehru Nagar, R K Puram, Dwarka-Sector 8, Jawaharlal Nehru Stadium, Mundka,	Ghaziabad	Loni, Sanjay Nagar
Faridabad	Sector- 16A, Sector 11	Greater Noida	Knowledge Park -V
Gurugram	Sector-51, Teri Gram	Noida	Sector-125

Forecast by IITM (Delhi):

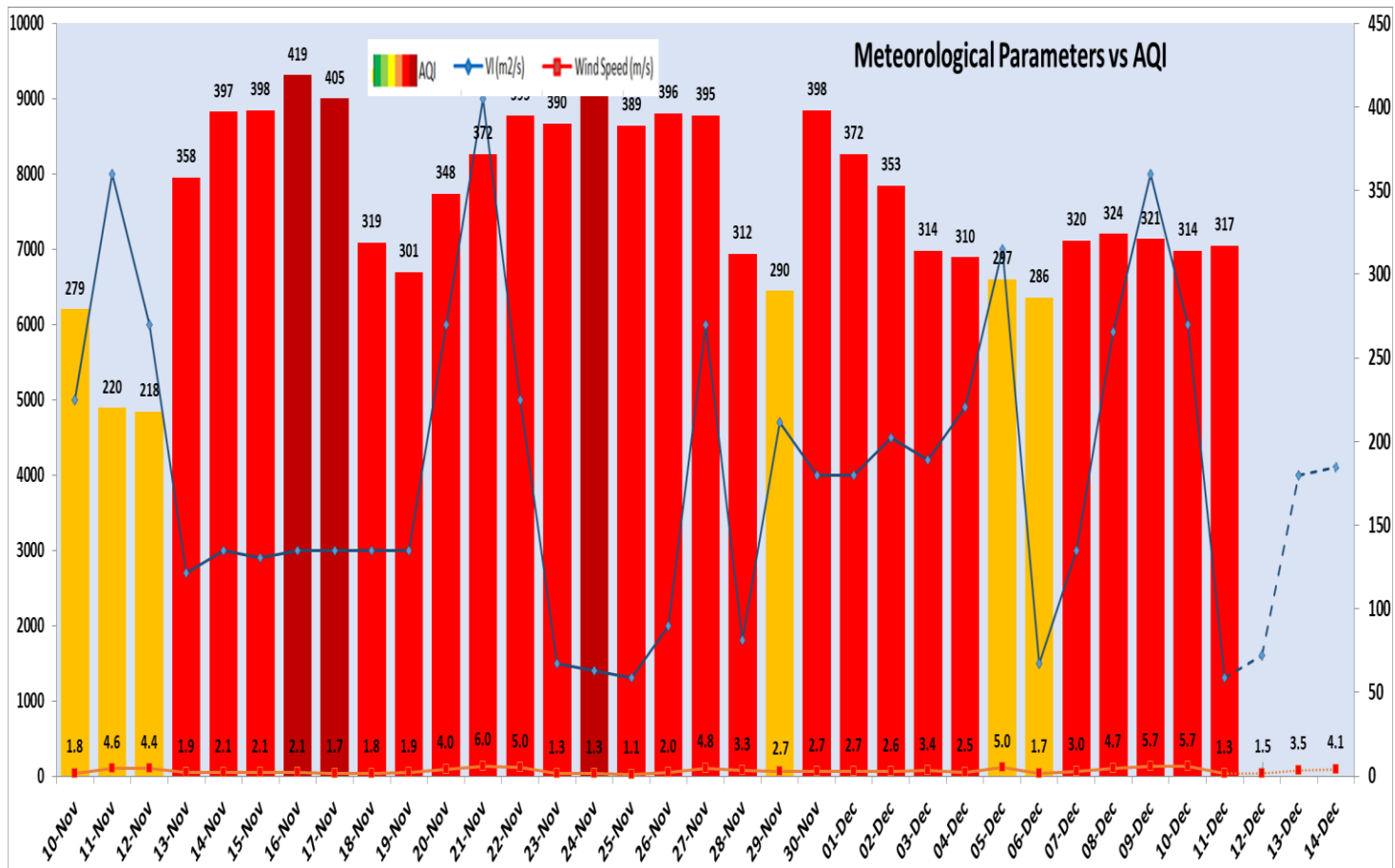
	Dec 12, 2023	Dec 13, 2023	Dec 14, 2023
<b>AQI Category</b>	Very Poor	Very Poor	Very Poor

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 12. 2023	UPTO 04	2	7	VAR	SW
Dec 13. 2023	04 TO 08	9	9	NW	NW
Dec 14. 2023	04 TO 08	9	25	NW	NW

IMD Alert for Tomorrow (12.12.2023):

The air quality is likely to remain in Very Poor category from 12.12.2023 to 14.12.2023. The predominant surface wind is likely to be coming from variable directions in Delhi with wind speed upto 04 kmph, mainly clear sky and shallow fog in the morning on 12.12.2023. Ventilation index is likely to be 1600 m<sup>2</sup>/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
08-12-2023	9.4	25.8
09-12-2023	8.5	25.7
10-12-2023	8.3	25.3
11-12-2023	6.5	23.4

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Nehru Nagar, Delhi - DPCC	383	Very Poor	PM <sub>2.5</sub>
	R K Puram, Delhi - DPCC	352	Very Poor	PM <sub>2.5</sub>
	Dwarka-Sector 8, Delhi - DPCC	348	Very Poor	PM <sub>2.5</sub>
	Jawaharlal Nehru Stadium, Delhi - DPCC	339	Very Poor	PM <sub>2.5</sub>
	Mundka, Delhi - DPCC	339	Very Poor	PM <sub>2.5</sub>
Faridabad	Sector- 16A, Faridabad - HSPCB	335	Very Poor	PM <sub>2.5</sub>
	Sector 11, Faridabad - HSPCB	318	Very Poor	PM <sub>2.5</sub>
Gurugram	Sector-51, Gurugram - HSPCB	278	Poor	PM <sub>2.5</sub>
	Teri Gram, Gurugram - HSPCB	277	Poor	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	281	Poor	PM <sub>2.5</sub>
	Sanjay Nagar, Ghaziabad - UPPCB	263	Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	287	Poor	PM <sub>2.5</sub>
Noida	Sector - 125, Noida - UPPCB	328	Very Poor	PM <sub>10</sub>