



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 04, 2023



## Current Air Quality Status:

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

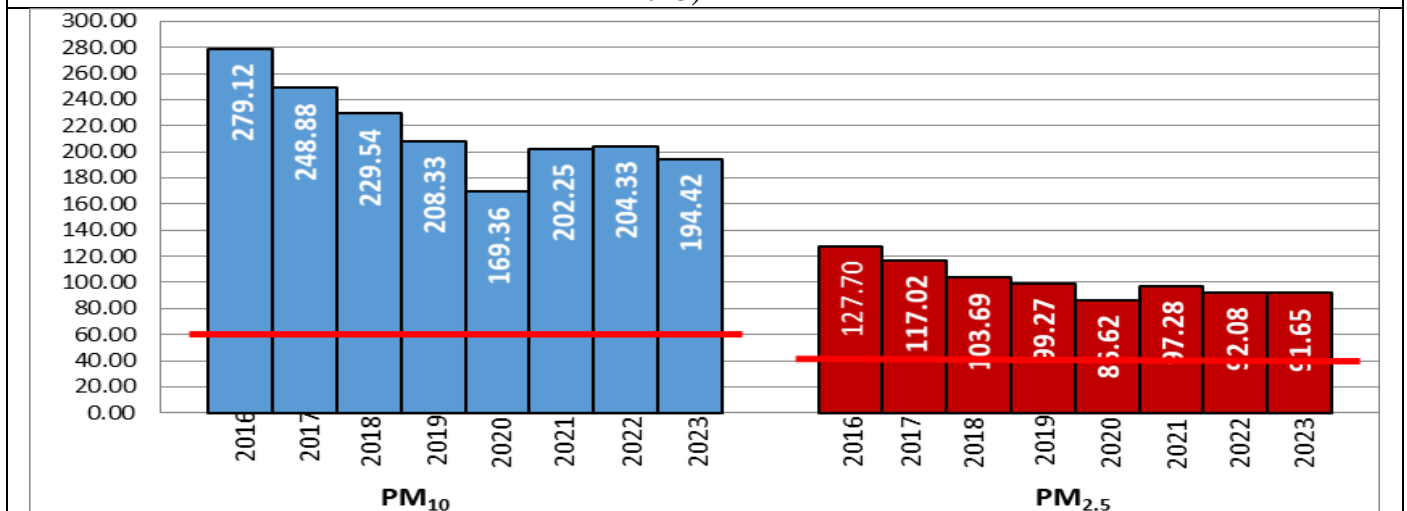
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	310↓	PM2.5	Severe	407↑	PM10, PM2.5	Very Poor	362↑	PM10, PM2.5
Faridabad	Poor	237↓	PM2.5	Very Poor	360↑	PM2.5	Very Poor	356↑	PM10, PM2.5
Ghaziabad	Poor	216↓	PM2.5	Very Poor	370↑	PM2.5	Very Poor	327↓	PM2.5
Greater Noida	Poor	255↓	PM2.5	Severe	410↑	PM10, PM2.5	Very Poor	335↑	PM2.5
Gurugram	Poor	224↓	PM2.5	Very Poor	318↑	PM2.5	Very Poor	334↑	PM2.5
Noida	Poor	243↓	PM2.5	Very Poor	371↑	PM2.5	Very Poor	355↑	PM10, PM2.5

\*Data available for 35(2023), 35(2022), 37(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 04 December 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	327	338	338	338	339	338	338	338	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	105	109	97	65	70	127	73								
Very Poor (301-400)		75	74	59	46	37	53	46	47	217	186	181	159	113	141	178	132
Severe (>401)		23	7	13	16	11	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 03 (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 03.12.23 to 06:00 am of 04.12.23)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
03- December -2023	153↓	259↓

Hotspots for Today:

\*Details given below

Delhi	Nehru Nagar, Rohini, Dwarka-Sector 8, Mundka, R K Puram	Ghaziabad	Loni , Vasundhara
Faridabad	Sector- 16A , Sector -11, New Industrial Town	Greater Noida	Knowledge Park -V
Gurugram	Sector - 51	Noida	Sector – 62, Sector – 01

Forecast by IITM (Delhi):

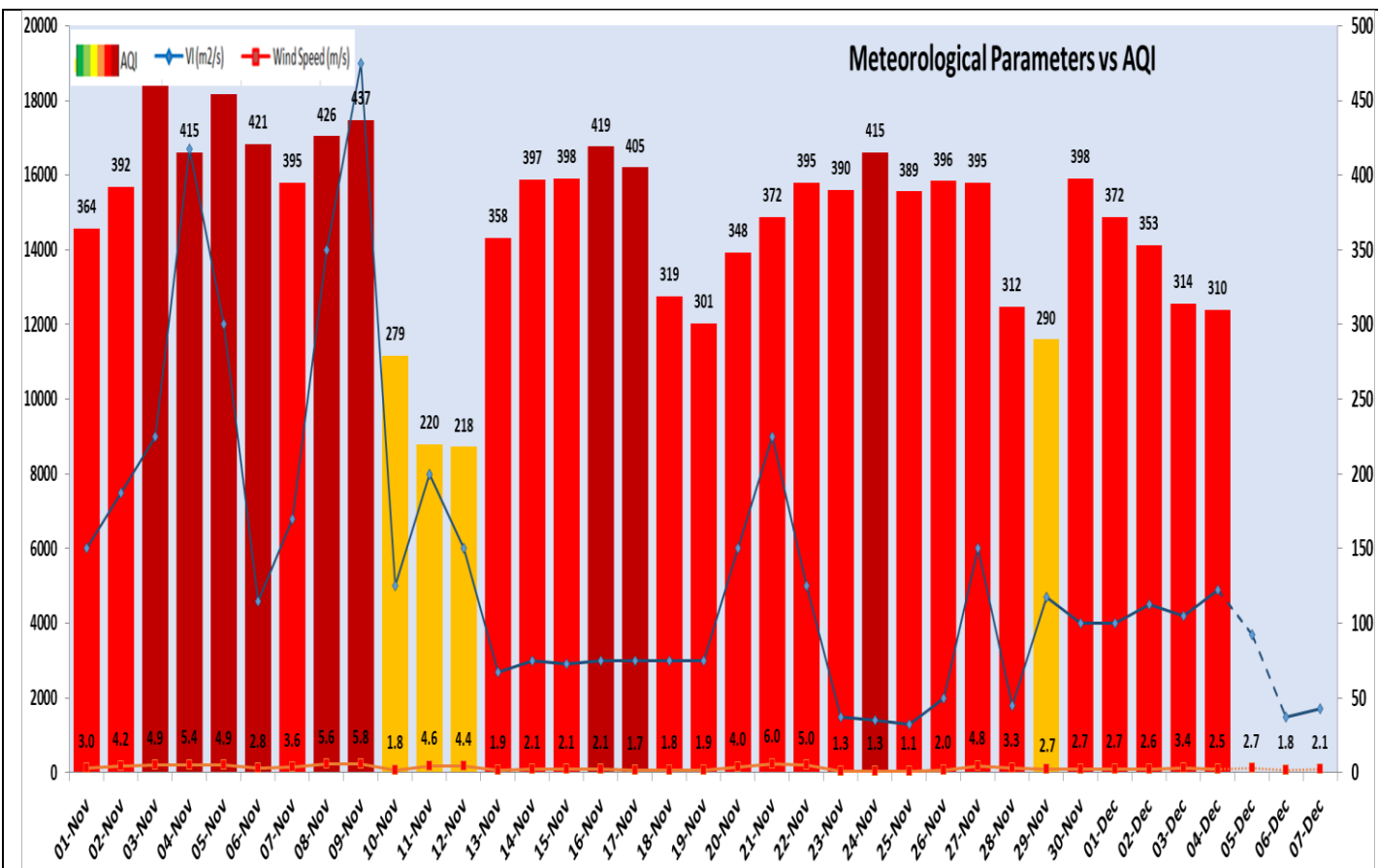
	Dec 05, 2023	Dec 06, 2023	Dec 07, 2023
<b>AQI Category</b>	Very Poor	Very Poor	Very Poor

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 05. 2023	04 to 10	08	14	NW	NW
Dec 06. 2023	04 to 08	09	04	NW	N
Dec 07. 2023	Upto 04	08	10	NW	NW

IMD Alert for Tomorrow (05.12.2023):

The air quality is likely to remain in Very Poor category from 05.12.2023 to 07.12.2023. The predominant surface wind is likely to be calm during morning hours but coming from Northwest directions in Delhi during day time with wind speed 10-04 kmph, mainly clear sky and moderate to dense fog in the morning on 05.12.2023. Ventilation index is likely to be 3700 m<sup>2</sup>/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
01-12-2023	13.3	25.1
02-12-2023	12.3	24.7
03-12-2023	10.0	24.7
04-12-2023	14.6	26.2

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Nehru Nagar, Delhi - DPCC	382	Very Poor	PM <sub>2.5</sub>
	Rohini, Delhi - DPCC	349	Very Poor	PM <sub>2.5</sub>
	Dwarka-Sector 8, Delhi - DPCC	347	Very Poor	PM <sub>2.5</sub>
	Mundka, Delhi - DPCC	346	Very Poor	PM <sub>2.5</sub>
	R K Puram, Delhi - DPCC	344	Very Poor	PM <sub>2.5</sub>
Faridabad	Sector- 16A, Faridabad - HSPCB	309	Very Poor	PM <sub>2.5</sub>
	Sector 11, Faridabad - HSPCB	276	Poor	PM <sub>2.5</sub>
	New Industrial Town, Faridabad - HSPCB	262	Poor	PM <sub>2.5</sub>
Gurugram	Sector-51, Gurugram - HSPCB	312	Very Poor	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	275	Poor	PM <sub>2.5</sub>
	Vasundhara, Ghaziabad - UPPCB	239	Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	280	Poor	PM <sub>2.5</sub>
Noida	Sector - 62, Noida - IMD	253	Poor	PM <sub>2.5</sub>
	Sector-1, Noida - UPPCB	246	Poor	PM <sub>2.5</sub>