



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 09, 2023



## Current Air Quality Status:

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

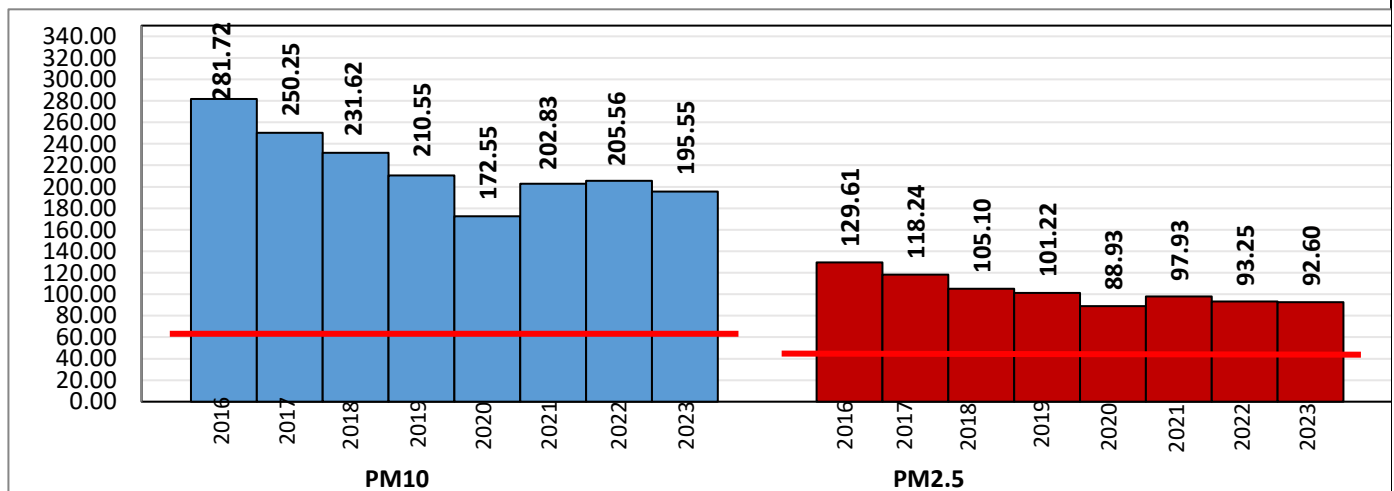
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	321↓	PM2.5	Very Poor	314↑	PM2.5	Poor	289↑	PM10, PM2.5
Faridabad	Poor	240↓	PM2.5	Poor	297↑	PM2.5	Poor	263↑	PM10, PM2.5
Ghaziabad	Poor	242↓	O3 , PM2.5	Poor	255↑	PM10	Very Poor	303↑	PM2.5
Greater Noida	Poor	260↓	PM2.5	Poor	296↑	PM10, PM2.5	Poor	297↑	PM2.5
Gurugram	Poor	251↑	PM2.5	Poor	260↑	PM2.5	Poor	257↑	PM2.5
Noida	Poor	242↓	PM2.5,PM10	Poor	281↑	PM10	Poor	277↑	PM2.5

\*Data available for 34(2023), 36(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 09 December 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	332	343	343	343	344	343	343	343								
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	110	100	65	73	128	75								
Very Poor (301-400)		78	78	62	47	41	55	50	50	222	191	186	164	118	146	183	137
Severe (>401)		25	8	14	17	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 08 (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 08.12.23 to 06:00 am of 09.12.23)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
08- December -2023	163↓	285↓

Hotspots for Today:

\*Details given below

Delhi	Nehru Nagar, Bawana, Vivek Vihar, Jahangirpuri, Mundka	Ghaziabad	Loni, Vasundhara
Faridabad	Sector 11, Sector- 16A	Greater Noida	Knowledge Park -V
Gurugram	Sector-51	Noida	Sector – 125, Sector-1

Forecast by IITM (Delhi):

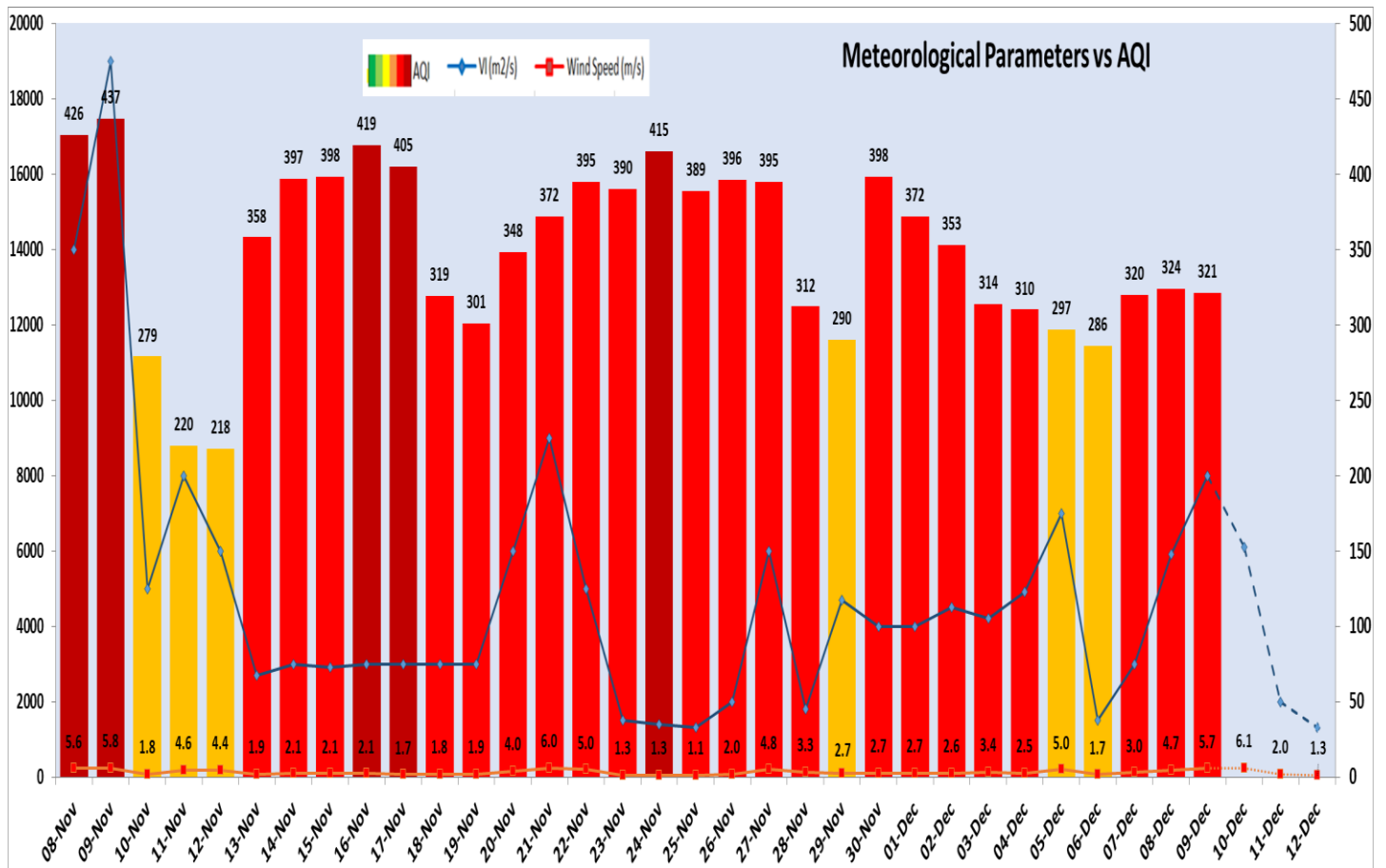
	Dec 10, 2023	Dec 11, 2023	Dec 12, 2023
<b>AQI Category</b>	Very Poor	Very Poor	Very Poor

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 10. 2023	08 to 16	09	30	WNW	NW
Dec 11. 2023	Upto 06	05	9	NW	NW
Dec 12. 2023	06 to 04	1	6	N	SW

IMD Alert for Tomorrow (10.12.2023):

The air quality is likely to improve and remain in Very Poor category from 10.12.2023 to 12.12.2023. The predominant surface wind is likely to be coming from West Northwest directions in Delhi with wind speed 08-16 kmph, mainly clear sky and mist in the morning on 10.12.2023. Ventilation index is likely to be 6100 m<sup>2</sup>/s.



## Delhi Temperature in (°C)

Date	Minimum	Maximum
06-12-2023	9.2	25.4
07-12-2023	9.2	26.4
08-12-2023	9.4	25.8
09-12-2023	8.5	25.7

### Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Nehru Nagar, Delhi - DPCC	376	Very Poor	PM <sub>2.5</sub>
	Bawana, Delhi - DPCC	368	Very Poor	PM <sub>2.5</sub>
	Vivek Vihar, Delhi - DPCC	366	Very Poor	PM <sub>2.5</sub>
	Jahangirpuri, Delhi - DPCC	365	Very Poor	PM <sub>2.5</sub>
	Mundka, Delhi - DPCC	356	Very Poor	PM <sub>2.5</sub>
Faridabad	Sector 11, Faridabad - HSPCB	312	Very Poor	PM <sub>2.5</sub>
	Sector- 16A, Faridabad - HSPCB	279	Poor	PM <sub>2.5</sub>
Gurugram	Sector-51, Gurugram - HSPCB	270	Poor	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	284	Poor	PM <sub>2.5</sub>
	Vasundhara, Ghaziabad - UPPCB	268	Poor	Ozone
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	286	Poor	PM <sub>2.5</sub>
Noida	Sector - 125, Noida - UPPCB	250	Poor	PM <sub>10</sub>
	Sector-1, Noida - UPPCB	245	Poor	PM <sub>2.5</sub>