



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 08, 2023



## Current Air Quality Status:

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

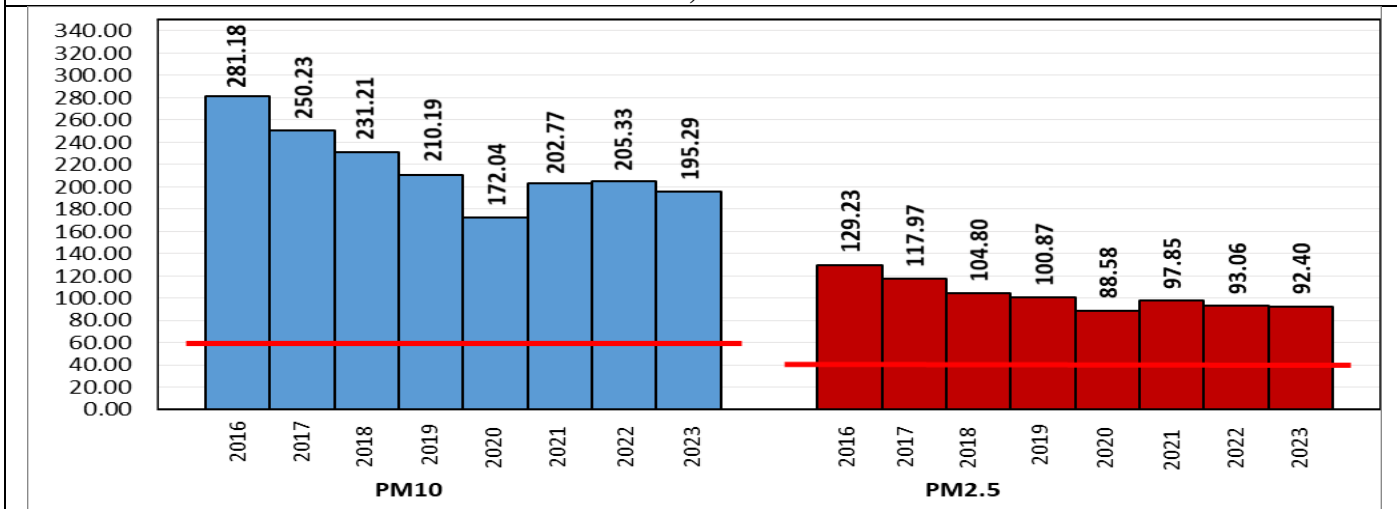
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	324↑	PM2.5	Poor	281↓	PM2.5	Poor	237↓	PM10, PM2.5
Faridabad	Poor	261↓	PM2.5	Poor	216↓	PM2.5	Moderate	188↓	PM10, PM2.5
Ghaziabad	Poor	275↓	PM2.5	Poor	230↑	PM2.5	Poor	229↓	PM2.5
Greater Noida	Poor	294↑	PM2.5	Poor	238↓	PM2.5	Moderate	154↓	PM2.5
Gurugram	Poor	242↑	PM2.5	Poor	219↑	PM2.5	Moderate	185↓	PM2.5
Noida	Poor	253↓	PM2.5	Poor	239↓	PM2.5	Moderate	186↓	PM2.5

\*Data available for 36(2023), 36(2022), 38(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 08 December 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	331	342	342	342	343	342	342	342								
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	99	65	72	128	75								
Very Poor (301-400)		77	77	61	47	40	55	49	49	221	190	185	163	117	145	182	136
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 07 (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 07.12.23 to 06:00 am of 08.12.23)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
07- December -2023	185↑	316↑

Hotspots for Today:

\*Details given below

Delhi	Jahangirpuri, Bawana, Narela, Alipur, Vivek Vihar	Ghaziabad	Loni, Vasundhara
Faridabad	Sector 11, New Industrial Town	Greater Noida	Knowledge Park -V
Gurugram	NISE Gwal Pahari, Sector-51, Teri Gram	Noida	Sector – 62

Forecast by IITM (Delhi):

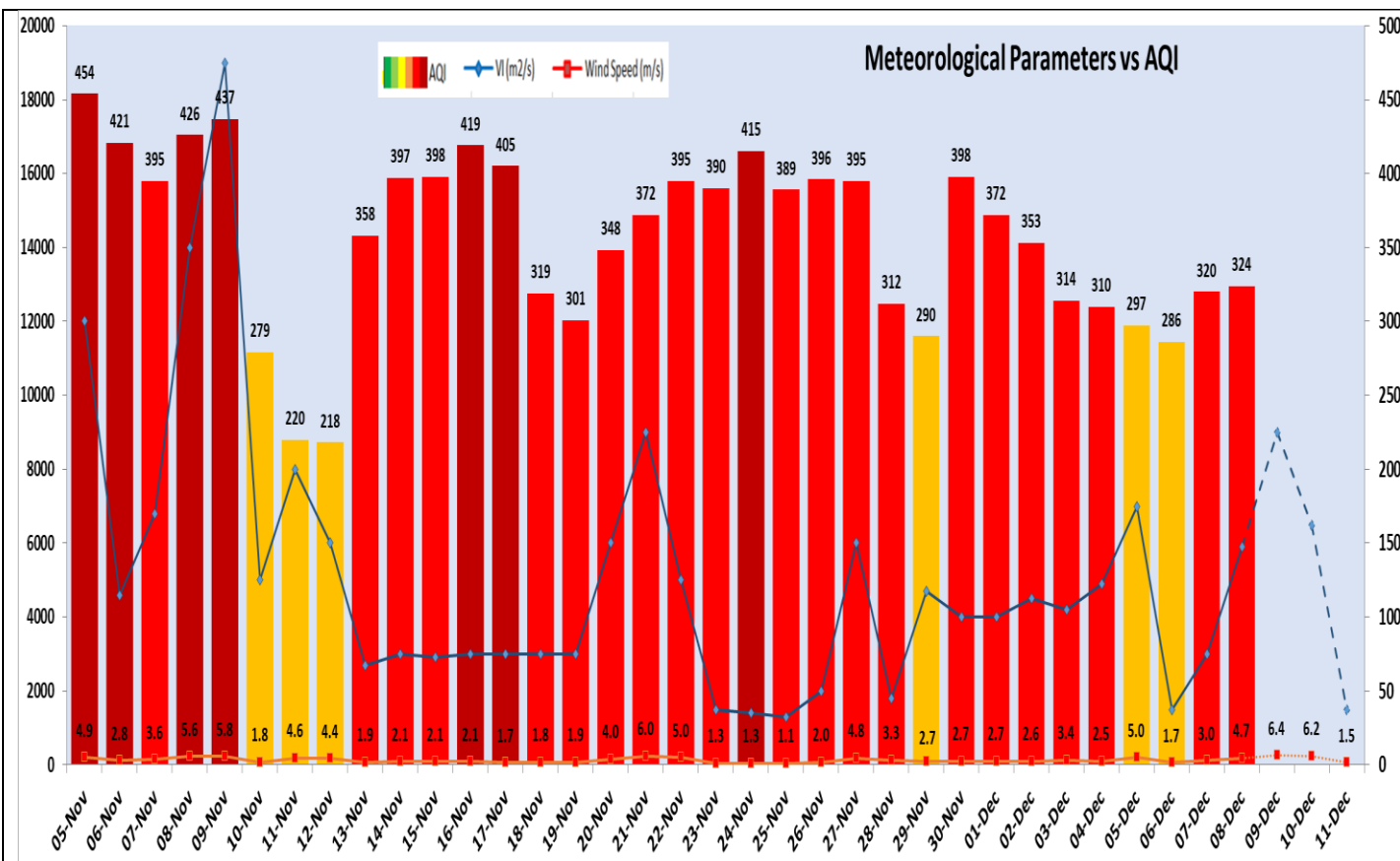
	Dec 09, 2023	Dec 10, 2023	Dec 11, 2023
<b>AQI Category</b>	Poor	Poor	Poor

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 09. 2023	12-15	08	27	NW	NW
Dec 10. 2023	8-15	10	36	W/NW	NW
Dec 11. 2023	06	1	3	W	W

IMD Alert for Tomorrow (09.12.2023):

The air quality is likely to improve and remain in Poor category from 09.12.2023 to 11.12.2023. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 12-15 kmph, clear sky and shallow fog in the morning on 09.12.2023. Ventilation index is likely to be 9000 m<sup>2</sup>/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
05-12-2023	11.2	24.7
06-12-2023	9.2	25.4
07-12-2023	9.2	26.4
08-12-2023	9.4	25.8

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Jahangirpuri, Delhi - DPCC	373	Very Poor	PM <sub>2.5</sub>
	Bawana, Delhi - DPCC	372	Very Poor	PM <sub>2.5</sub>
	Narela, Delhi - DPCC	372	Very Poor	PM <sub>2.5</sub>
	Alipur, Delhi - DPCC	370	Very Poor	PM <sub>2.5</sub>
	Vivek Vihar, Delhi - DPCC	363	Very Poor	PM <sub>2.5</sub>
Faridabad	Sector 11, Faridabad - HSPCB	334	Very Poor	PM <sub>2.5</sub>
	New Industrial Town, Faridabad - HSPCB	332	Very Poor	PM <sub>2.5</sub>
Gurugram	NISE Gwal Pahari, Gurugram - IMD	275	Poor	PM <sub>2.5</sub>
	Sector-51, Gurugram - HSPCB	266	Poor	PM <sub>2.5</sub>
	Teri Gram, Gurugram - HSPCB	259	Poor	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	320	Very Poor	PM <sub>2.5</sub>
	Vasundhara, Ghaziabad - UPPCB	287	Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	294	Poor	PM <sub>2.5</sub>
Noida	Sector - 62, Noida - IMD	286	Poor	PM <sub>2.5</sub>