



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 10, 2023



Current Air Quality Status:

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

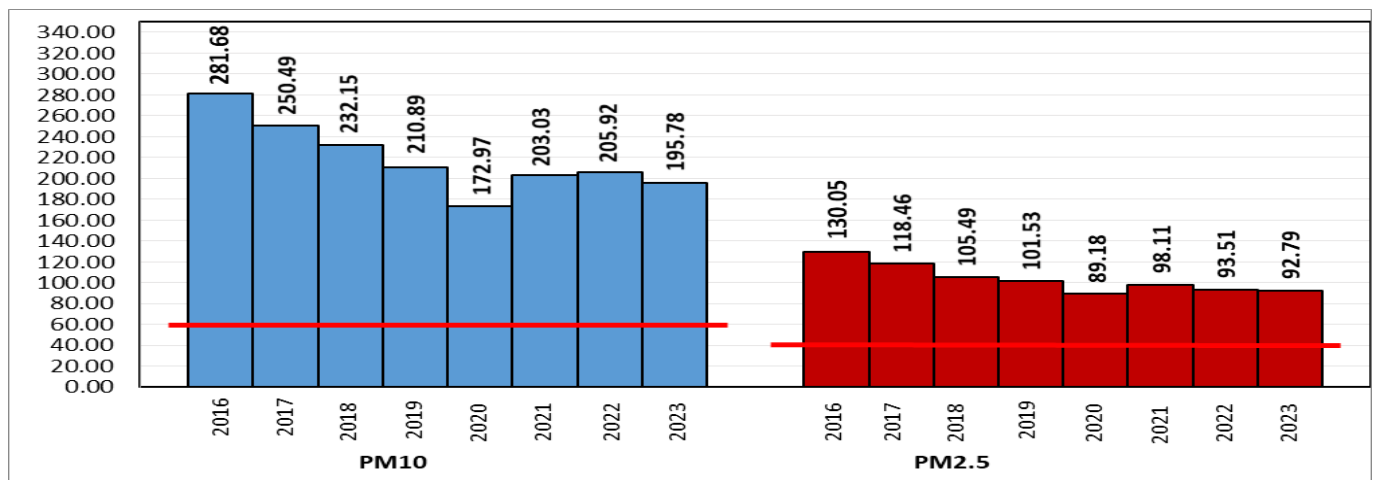
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	314↓	PM2.5	Very Poor	360↑	PM10, PM2.5	Very Poor	314↑	PM10, PM2.5
Faridabad	Poor	276↑	PM2.5	Very Poor	304↑	PM2.5	Poor	291↑	PM2.5
Ghaziabad	Poor	230↓	PM2.5	Very Poor	344↑	PM10	Poor	284↓	PM2.5
Greater Noida	Poor	261↑	PM2.5	Severe	422↑	PM10	Poor	271↓	PM2.5
Gurugram	Poor	230↓	PM2.5	Poor	288↑	PM2.5	Poor	294↑	PM2.5
Noida	Poor	249↑	PM2.5	Very Poor	350↑	PM10	Poor	296↑	PM10, PM2.5

*Data available for 34(2023), 36(2022), 36(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 10 December 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	333	344	344	344	345	344	344	344	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	110	100	66	73	128	75								
Very Poor (301-400)		79	79	63	48	41	56	51	51	223	192	187	165	119	147	184	138
Severe (>401)		25	8	14	17	12	18	5	12								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till December 09 (2016-2023)



*Red line shows the annual average concentration standards for PM₁₀ and PM_{2.5}.

Daily Average of Particulates in Delhi (24 hourly average value; from 06:00am of 09.12.23 to 06:00 am of 10.12.23)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
09- December -2023	159↓	276↓

Hotspots for Today:

*Details given below

Delhi	Nehru Nagar, Jahangirpuri, R K Puram, Bawana, Vivek Vihar,	Ghaziabad	Loni, Vasundhara
Faridabad	Sector- 16A	Greater Noida	Knowledge Park -V
Gurugram	Teri Gram	Noida	Sector – 62,Sector-116

Forecast by IITM (Delhi):

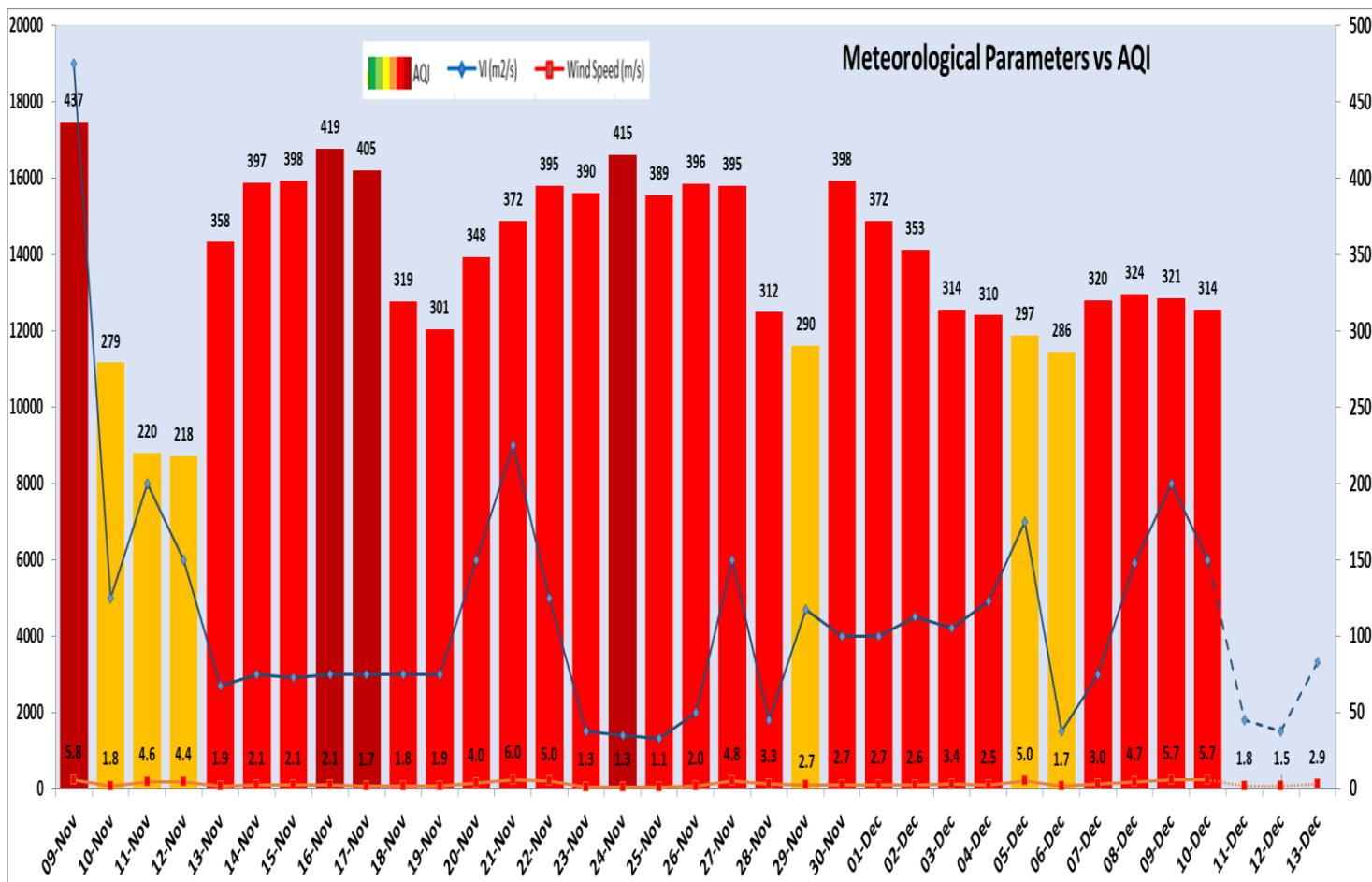
	Dec 11, 2023	Dec 12, 2023	Dec 13, 2023
AQI Category	Very Poor	Very Poor	Very Poor

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 11. 2023	04 to 08	03	6	NW	W
Dec 12. 2023	08 to 10	02	7	NW	SW
Dec 13. 2023	06 to 10	9	9	NW	NW

IMD Alert for Tomorrow (11.12.2023):

The air quality is likely to remain in Very Poor category from 11.12.2023 to 13.12.2023. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 04-08 kmph, mainly clear sky and shallow fog in the morning on 11.12.2023. Ventilation index is likely to be 1800 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
07-12-2023	9.2	26.4
08-12-2023	9.4	25.8
09-12-2023	8.5	25.7
10-12-2023	8.3	25.3

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Nehru Nagar, Delhi - DPCC	362	Very Poor	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	352	Very Poor	PM _{2.5}
	R K Puram, Delhi - DPCC	346	Very Poor	PM _{2.5}
	Bawana, Delhi - DPCC	342	Very Poor	PM _{2.5}
	Vivek Vihar, Delhi - DPCC	335	Very Poor	PM _{2.5}
Faridabad	Sector- 16A, Faridabad - HSPCB	280	Poor	PM _{2.5}
Gurugram	Teri Gram, Gurugram - HSPCB	262	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	271	Poor	PM _{2.5}
	Vasundhara, Ghaziabad - UPPCB	245	Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	276	Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	262	Poor	PM _{2.5}
	Sector-116, Noida - UPPCB	259	Poor	PM _{2.5}