



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 14, 2023



Current Air Quality Status:

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

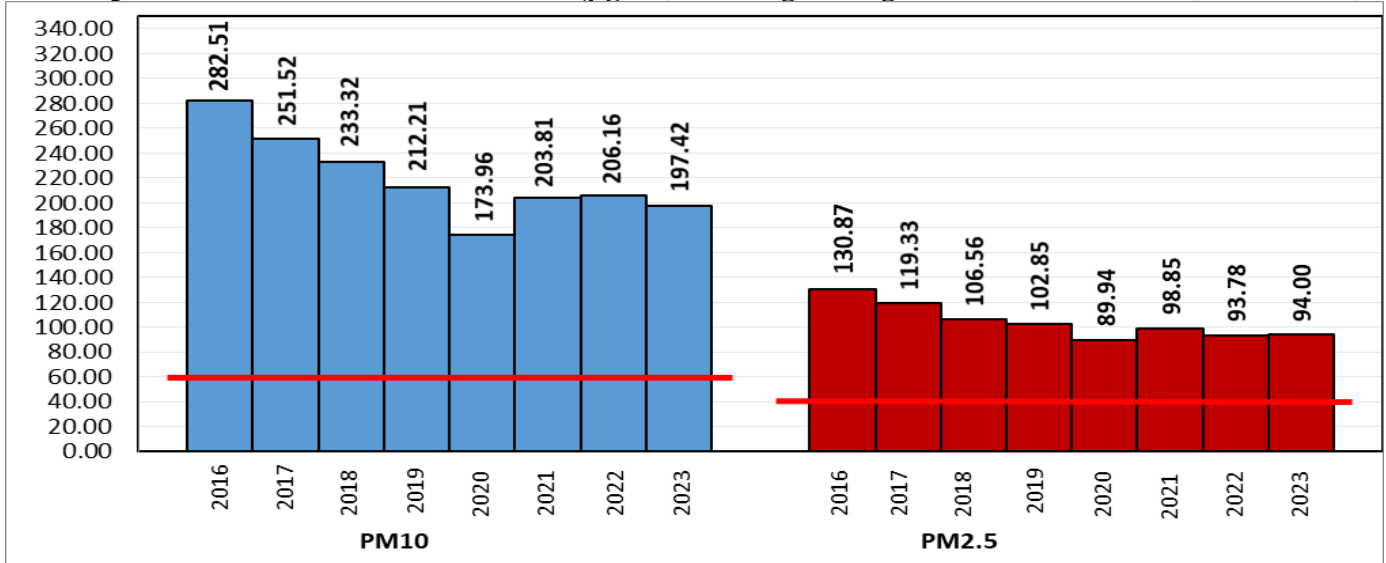
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	326↓	PM2.5	Moderate	163 ↓	PM2.5	Very Poor	367↑	PM2.5
Faridabad	Poor	278↓	PM10,PM2.5	Moderate	157 ↓	PM10, PM2.5	Very Poor	359↑	PM2.5
Ghaziabad	Poor	264↓	PM2.5	Moderate	133 ↓	PM10	Very Poor	324↑	PM2.5
Greater Noida	Poor	277↓	PM2.5	Moderate	157 ↓	PM10	Poor	284↑	PM2.5
Gurugram	Poor	282↑	PM2.5	Moderate	155 ↓	PM10, PM2.5	Very Poor	306↑	PM2.5
Noida	Poor	282↓	PM2.5	Moderate	125 ↓	PM10	Very Poor	332↑	PM10, PM2.5

*Data available for 37(2023), 37(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 14 December 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	337	348	348	348	349	348	348	348	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	227	197	162	206
Moderate (101–200)		86	105	104	118	127	124	94	145								
Poor (201–300)		119	107	110	100	67	75	129	75								
Very Poor (301–400)		83	81	65	50	43	58	52	55	227	196	191	169	122	151	186	142
Severe (>401)		25	8	16	19	12	18	5	12								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till December 13 (2016- 2023)



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

Date ↓ / parameter →	PM _{2.5} (µg/m ³) →	PM ₁₀ (µg/m ³)
13- December -2023	215↓	363↓

Hotspots for Today: *Details given below

Delhi	Bawana, Nehru Nagar, Jahangirpuri, Mundka, Wazirpur	Ghaziabad	Loni, Sanjay Nagar, Vasundhara,
Faridabad	New Industrial Town, Sector- 16A, Sector 11	Greater Noida	Knowledge Park -V
Gurugram	Teri Gram, Sector-51	Noida	Sector - 116, Sector-62

Forecast by IITM (Delhi):

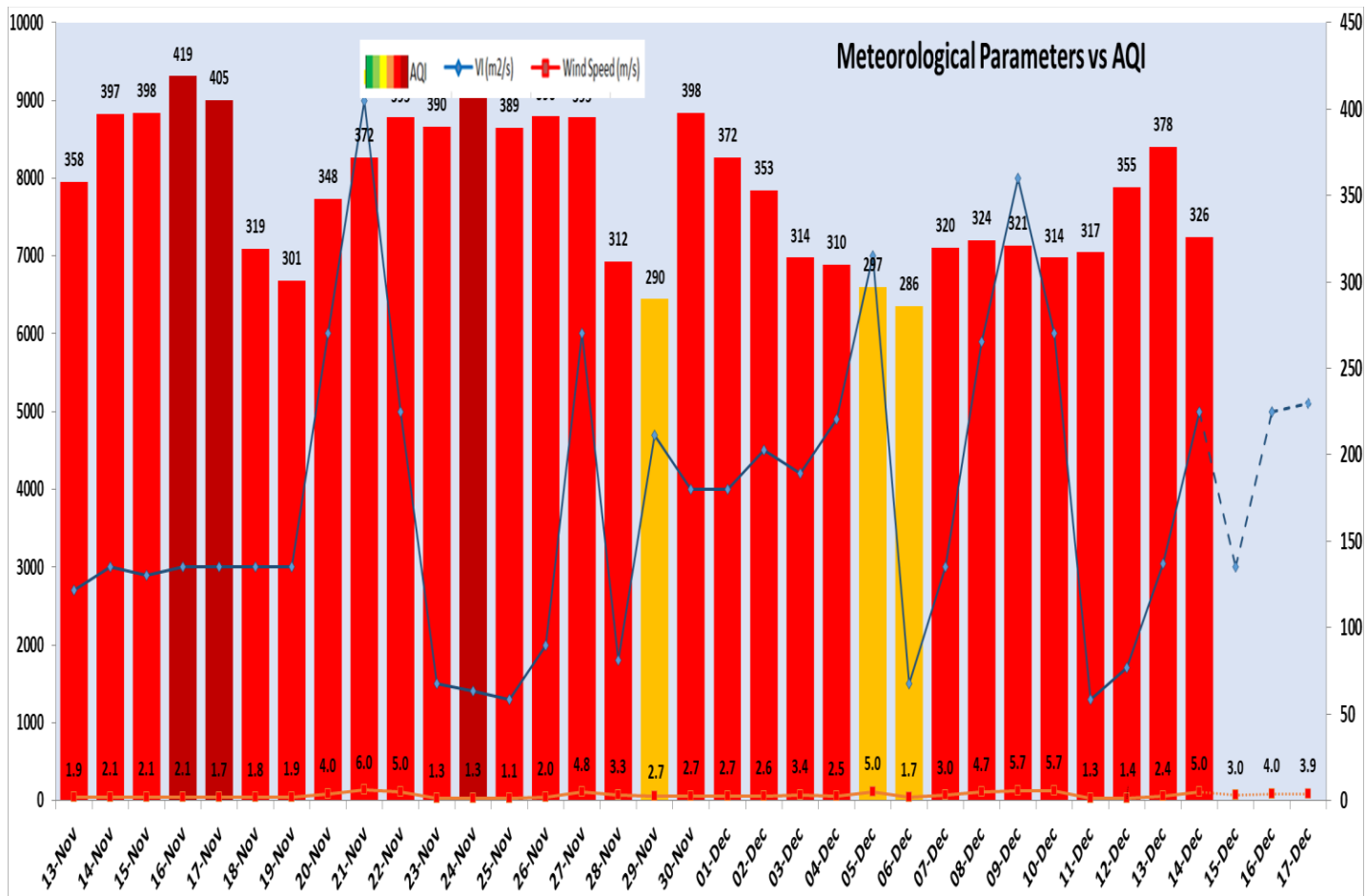
	Dec 15, 2023	Dec 16, 2023	Dec 17, 2023
AQI Category	Very Poor	Very Poor	Very Poor

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 15. 2023	04-08	7	12	W/NW	NW
Dec 16. 2023	04-08	5	11	NE/NW	W
Dec 17. 2023	04-10	8	14	NW/NE	N

IMD Alert for Tomorrow (15.12.2023):

The air quality is likely to remain in Very Poor category from 15.12.2023 to 17.12.2023. The predominant surface wind is likely to be coming from West/North directions in Delhi with wind speed 04-08 kmph, partly cloudy sky and shallow fog in the morning on 15.12.2023. Ventilation index is likely to be 3000 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
11-12-2023	6.5	23.4
12-12-2023	6.8	24.8
13-12-2023	7.4	24.8
14-12-2023	6.2	24.6

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Bawana, Delhi - DPCC	380	Very Poor	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	379	Very Poor	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	371	Very Poor	PM _{2.5}
	Mundka, Delhi - DPCC	366	Very Poor	PM _{2.5}
	Wazirpur, Delhi - DPCC	361	Very Poor	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	343	Very Poor	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	292	Poor	PM _{2.5}
	Sector 11, Faridabad - HSPCB	288	Poor	PM ₁₀
Gurugram	Teri Gram, Gurugram - HSPCB	324	Very Poor	PM _{2.5}
	Sector-51, Gurugram - HSPCB	283	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	284	Poor	PM _{2.5}
	Sanjay Nagar, Ghaziabad - UPPCB	279	Poor	PM _{2.5}
	Vasundhara, Ghaziabad - UPPCB	277	Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	285	Poor	PM _{2.5}
Noida	Sector-116, Noida - UPPCB	293	Poor	PM _{2.5}
	Sector - 62, Noida - IMD	292	Poor	PM _{2.5}