



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 18, 2023



Current Air Quality Status:

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

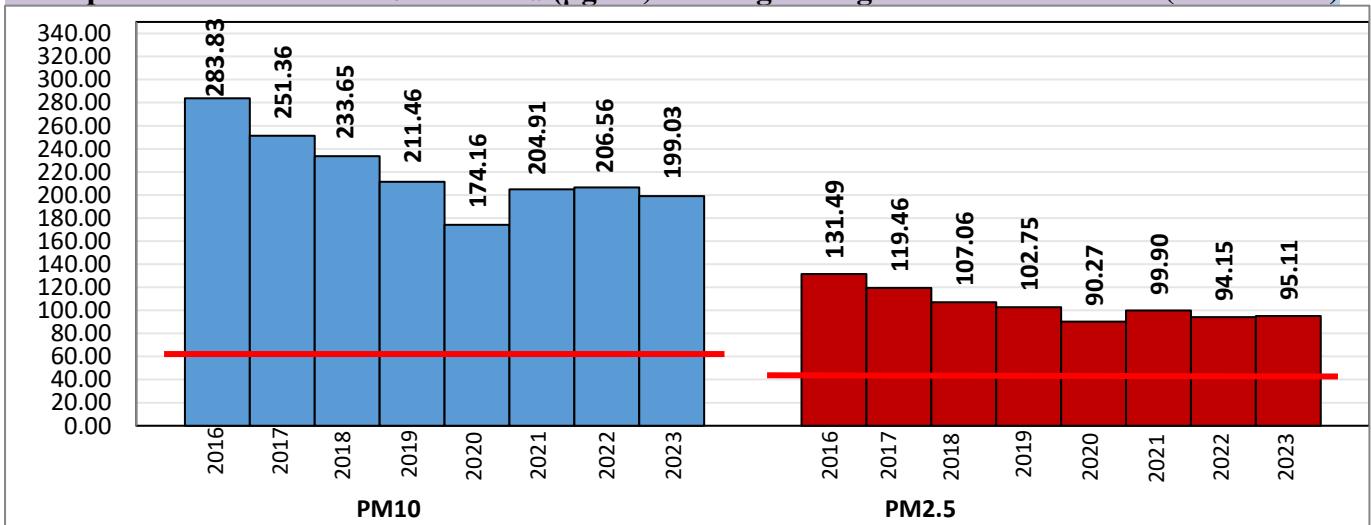
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	330↓	PM _{2.5}	Very Poor	353↑	PM ₁₀ , PM _{2.5}	Poor	291↓	PM _{2.5}
Faridabad	Poor	240↓	PM ₁₀ , PM _{2.5}	Very Poor	305↑	PM _{2.5}	Poor	275↑	PM _{2.5}
Ghaziabad	Poor	248↓	PM _{2.5}	Very Poor	354↑	PM ₁₀	Poor	276↑	PM _{2.5}
Greater Noida	Poor	257↓	PM _{2.5}	Very Poor	398↑	PM ₁₀ , PM _{2.5}	Poor	240↑	PM _{2.5}
Gurugram	Poor	257↓	PM _{2.5}	Very Poor	328↑	PM _{2.5}	Poor	287↓	PM _{2.5}
Noida	Poor	255↓	PM _{2.5}	Very Poor	328↑	PM _{2.5}	Poor	256↑	PM _{2.5}

*Data available for 33(2023), 36(2022), 24(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 18 December 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	341	352	352	352	353	352	352	352	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	158	180	227	197	163	206
Moderate (101–200)		86	105	105	119	127	124	95	145								
Poor (201–300)		119	111	112	102	71	76	130	75								
Very Poor (301–400)		87	81	66	50	43	61	54	59	231	200	194	172	126	155	189	146
Severe (>401)		25	8	16	20	12	18	5	12								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till December 17 (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 17.12.23 to 06:00 am of 18.12.23)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
17- December -2023	190↓	317↓

Hotspots for Today: *Details given below

Delhi	Nehru Nagar, Dwarka-Sector 8, Mundka, Sri Aurobindo Marg, Jahangirpuri	Ghaziabad	Loni, Sanjay Nagar
Faridabad	New Industrial Town, Sector 16A	Greater Noida	Knowledge Park -V
Gurugram	Teri Gram, NISE Gwal Pahari, Sector-51	Noida	Sector-116, Sector - 62, Sector-1

Forecast by IITM (Delhi):

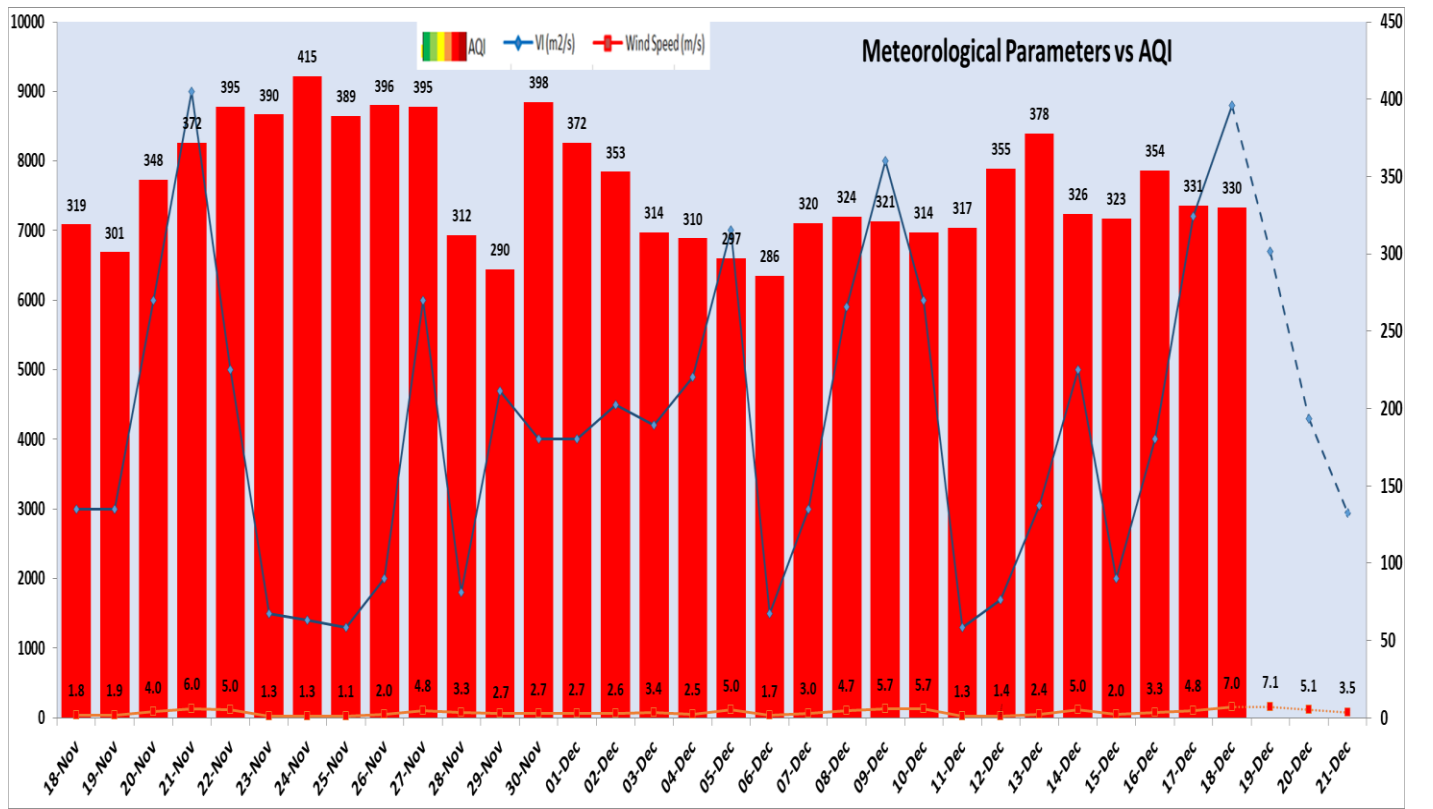
	Dec 19, 2023	Dec 20, 2023	Dec 21, 2023
AQI Category	Very Poor	Very Poor	Very Poor

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 19. 2023	12 TO 16	10	36	NW	NW
Dec 20. 2023	08 TO 12	9	37	NW	NW
Dec 21. 2023	UPTO 08	8	36	NW	N

IMD Alert for Tomorrow (19.12.2023):

The air quality is likely to remain in Very Poor category from 19.12.2023 to 21.12.2023. The predominant surface wind is likely to be coming from Northwest direction in Delhi with wind speed 16-12 kmph, partly cloudy sky and mist in the morning on 19.12.2023. Ventilation index is likely to be 6700 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
15-12-2023	4.9	24.1
16-12-2023	5.5	25.4
17-12-2023	6.5	24.7
18-12-2023	7.1	24.7

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Nehru Nagar, Delhi - DPCC	381	Very Poor	PM _{2.5}
	Dwarka-Sector 8, Delhi - DPCC	371	Very Poor	PM _{2.5}
	Mundka, Delhi - DPCC	365	Very Poor	PM _{2.5}
	Sri Aurobindo Marg, Delhi - DPCC	365	Very Poor	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	364	Very Poor	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	321	Very Poor	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	290	Poor	PM _{2.5}
Gurugram	Teri Gram, Gurugram - HSPCB	309	Very Poor	PM _{2.5}
	NISE Gwal Pahari, Gurugram - IMD	266	Poor	PM _{2.5}
	Sector-51, Gurugram - HSPCB	266	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	267	Poor	PM _{2.5}
	Sanjay Nagar, Ghaziabad - UPPCB	263	Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	269	Poor	PM _{2.5}
Noida	Sector-116, Noida - UPPCB	273	Poor	PM _{2.5}
	Sector - 62, Noida - IMD	271	Poor	PM _{2.5}
	Sector-1, Noida - UPPCB	261	Poor	PM _{2.5}