



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 24, 2023



Current Air Quality Status:

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

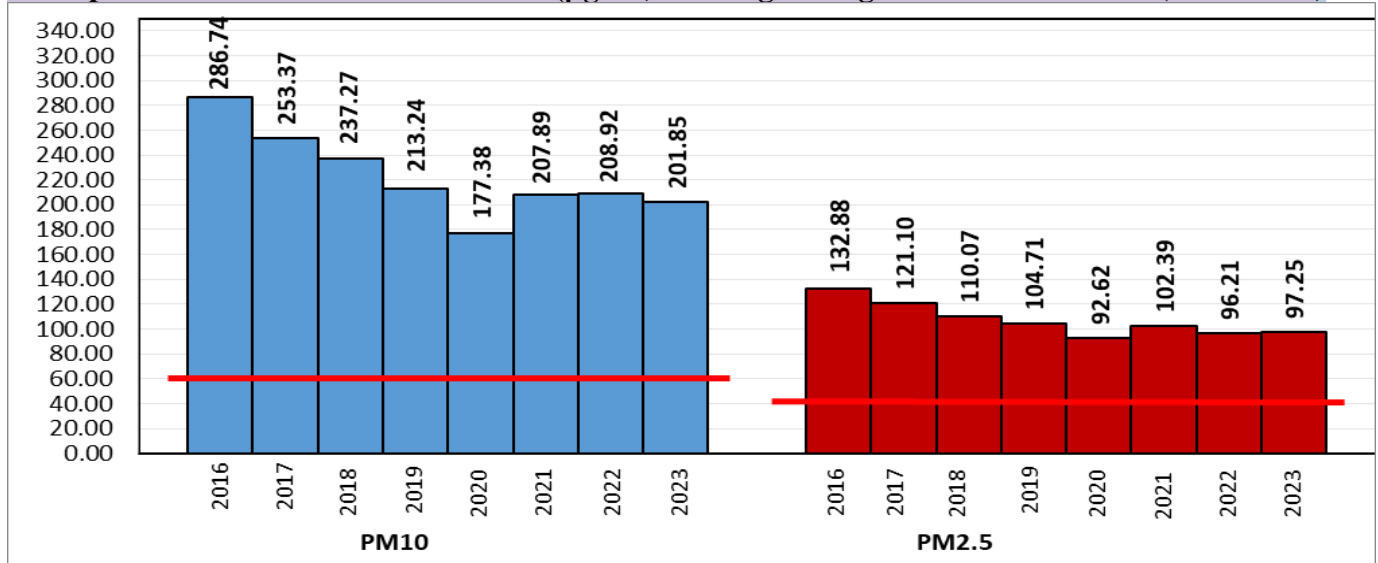
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Severe	411↓	PM _{2.5} , PM ₁₀	Very Poor	349 ↓	PM _{2.5}	Severe	415↓	PM _{2.5}
Faridabad	Very Poor	327↓	PM _{2.5}	Very Poor	314 ↓	PM _{2.5}	Severe	414↓	PM _{2.5} , PM ₁₀
Ghaziabad	Very Poor	360↓	PM ₁₀ , PM _{2.5}	Poor	280 ↓	PM _{2.5}	Very Poor	386↓	PM _{2.5}
Greater Noida	Very Poor	376↓	PM _{2.5}	Very Poor	328 ↓	PM _{2.5}	Very Poor	368↓	PM _{2.5}
Gurugram	Very Poor	304↓	PM _{2.5}	Very Poor	355 ↑	PM _{2.5}	Very Poor	334↓	PM _{2.5}
Noida	Very Poor	368↓	PM _{2.5}	Poor	280 ↓	PM ₁₀ , PM _{2.5}	Very Poor	397↓	PM _{2.5} , PM ₁₀

*Data available for 35(2023), 37(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 24 December 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023	
	No. of days	347	358	358	358	359	358	358	358									
Good (0-50)		0	2	0	2	4	1	3	1									
Satisfactory (51-100)		24	45	53	59	96	72	65	60	110	153	158	182	227	197	163	206	
Moderate (101-200)		86	106	105	121	127	124	95	145									
Poor (201-300)		120	114	113	103	72	77	130	77									
Very Poor (301-400)		92	82	71	51	45	62	59	60	237	205	200	176	132	161	195	152	
Severe (>401)		25	9	16	22	15	22	6	15									

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till December 23 (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 23.12.23 to 06:00 am of 24.12.23)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
23- December -2023	306↓	487↓

Hotspots for Today:

*Details given below

Delhi	Shadipur, Punjabi Bagh, Wazirpur, Jahangirpuri, Mundka	Ghaziabad	Vasundhara, Indirapuram
Faridabad	New Industrial Town, Sector- 16A	Greater Noida	Knowledge Park -V
Gurugram	Sector-51, NISE Gwal Pahari	Noida	Sector-116

Forecast by IITM (Delhi):

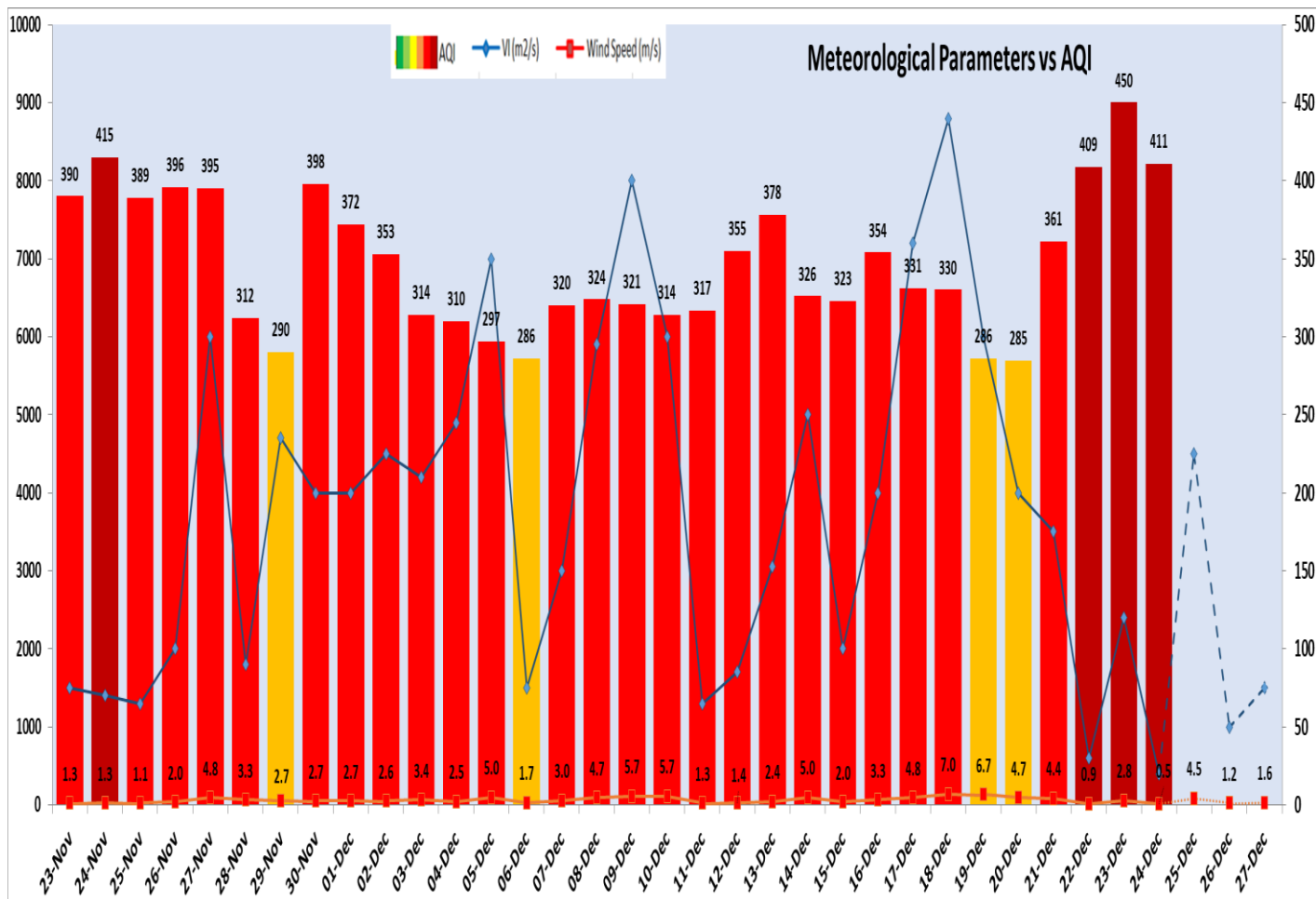
	Dec 25, 2023	Dec 26, 2023	Dec 27, 2023
AQI Category	Very Poor	Very Poor	Severe

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 25. 2023	04 TO 06	9	37	NW	NW
Dec 26. 2023	UPTO 04	6	23	NW/E	NW
Dec 27. 2023	UPTO 04	9	25	NW/SE	NW

IMD Alert for Tomorrow (25.12.2023):

The air quality is likely to improve and reach in Very Poor category on 25.12.2023 and remain in Very Poor category on 26.12.2023. The predominant surface wind is likely to be coming from Northwest direction in Delhi with wind speed upto 04 kmph, mainly clear sky and moderate to dense fog in the morning on 25.12.2023. Ventilation index is likely to be 4500 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
21-12-2023	6.4	22.2
22-12-2023	6.2	23.0
23-12-2023	9.6	23.0
24-12-2023	7.6	24.4

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Shadipur, Delhi - CPCB	470	Severe	PM ₁₀
	Punjabi Bagh, Delhi - DPCC	454	Severe	PM _{2.5}
	Wazirpur, Delhi - DPCC	454	Severe	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	453	Severe	PM _{2.5}
	Mundka, Delhi - DPCC	451	Severe	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	402	Severe	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	396	Very Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	328	Very Poor	PM _{2.5}
	NISE Gwal Pahari, Gurugram - IMD	309	Very Poor	PM _{2.5}
Ghaziabad	Vasundhara, Ghaziabad - UPPCB	373	Very Poor	PM _{2.5}
	Indirapuram, Ghaziabad - UPPCB	366	Very Poor	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	407	Severe	PM _{2.5}
Noida	Sector-116, Noida - UPPCB	413	Severe	PM _{2.5}