



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 25, 2023



Current Air Quality Status:

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

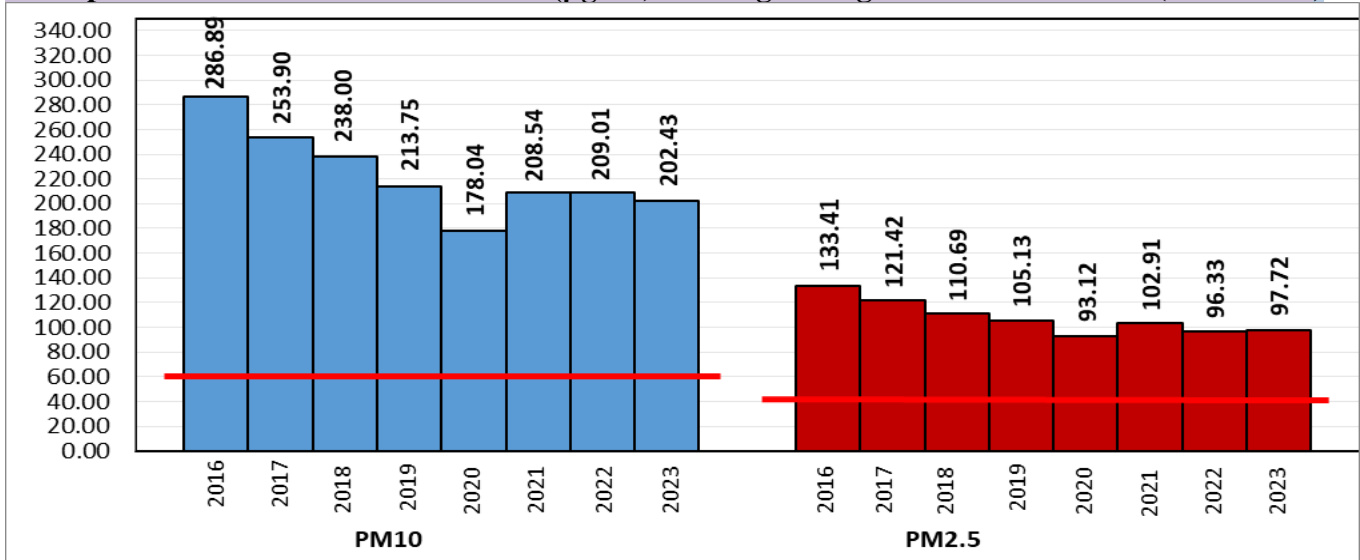
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	383↓	PM2.5	Very Poor	308↓	PM10, PM2.5	Severe	431↑	PM2.5
Faridabad	Poor	297↓	PM2.5	Poor	263↓	PM2.5	Severe	432↑	PM2.5, PM10
Ghaziabad	Poor	280↓	PM10, PM2.5	Poor	256↓	PM2.5	Very Poor	393↑	PM2.5
Greater Noida	Very Poor	336↓	PM2.5	Poor	300↓	PM2.5	Very Poor	392↑	PM2.5
Gurugram	Poor	298↓	PM2.5	Poor	257↓	PM2.5	Very Poor	349↑	PM2.5
Noida	Very Poor	316↓	PM2.5	Poor	270↓	PM10, PM2.5	Severe	414↑	PM2.5, PM10

*Data available for 34(2023), 38(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 25 December 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	348	359	359	359	360	359	359	359	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	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)		93	83	71	52	46	62	60	61	238	206	201	177	133	162	196	153
Severe (>401)		25	9	17	22	15	23	6	15								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till December 24 (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 24.12.23 to 06:00 am of 25.12.23)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
24- December -2023	267↓	409↓

Hotspots for Today: *Details given below

Delhi	Jahangirpuri, Nehru Nagar, Wazirpur, Punjabi Bagh, ITO	Ghaziabad	Vasundhara, Loni, Indirapuram
Faridabad	New Industrial Town, Sector- 16A	Greater Noida	Knowledge Park -V
Gurugram	Sector-51, NISE Gwal Pahari, Teri Gram	Noida	Sector - 62, Sector-1

Forecast by IITM (Delhi):

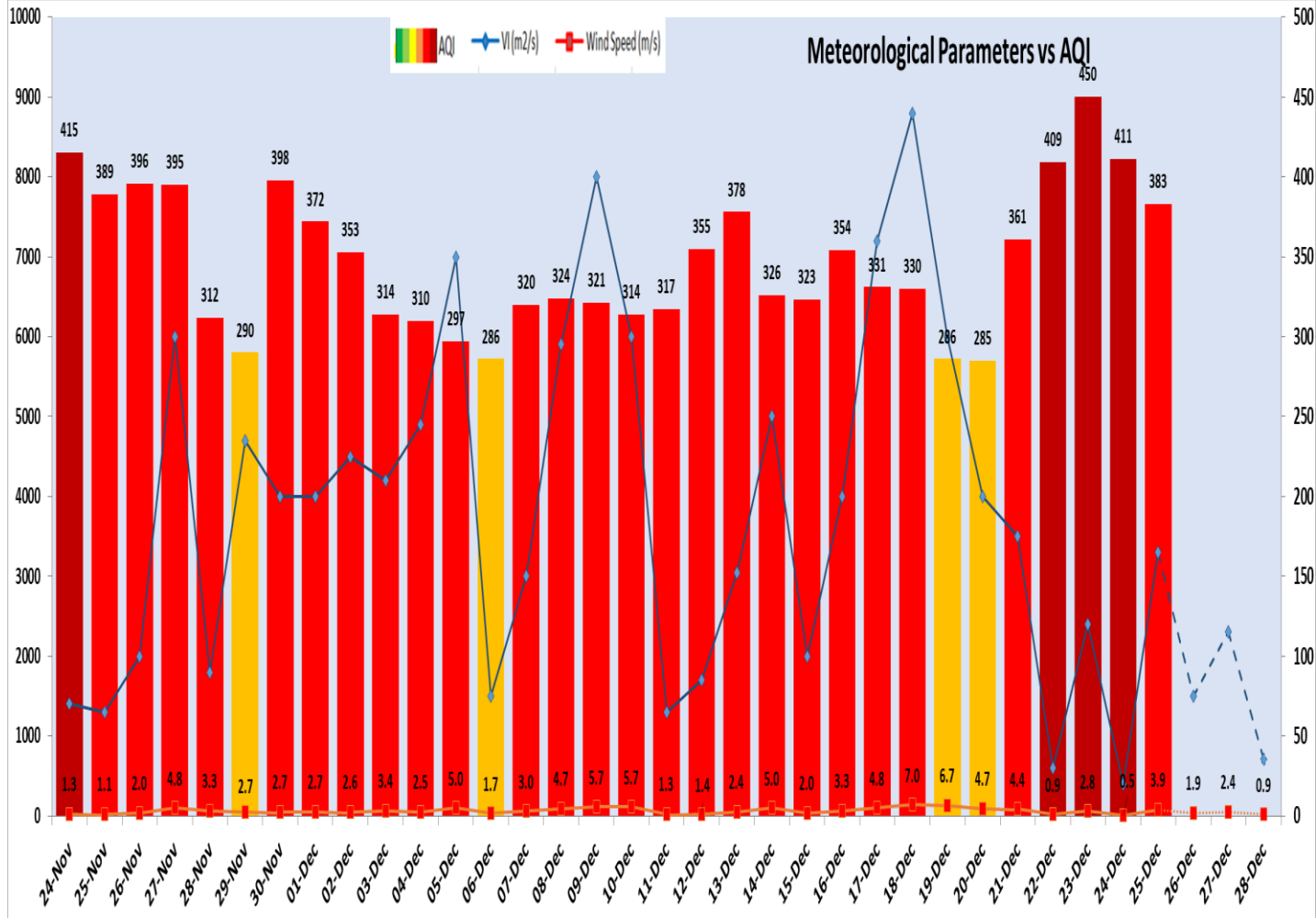
	Dec 26, 2023	Dec 27, 2023	Dec 28, 2023
AQI Category	Very Poor	Severe	Very Poor

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 26. 2023	06 TO 04	5	18	NW/NE	NW
Dec 27. 2023	04 TO 06	9	27	NW/NE	N
Dec 28. 2023	UPTO 04	7	16	NW/SE	N

IMD Alert for Tomorrow (26.12.2023):

The air quality is likely to improve but remain in Very Poor category on 25.12.2023 and 26.12.2023. The predominant surface wind is likely to be coming from Northwest and Northeast direction in Delhi with wind speed upto 04-06 kmph, partly cloudy sky and moderate to dense fog in the morning on 26.12.2023. Ventilation index is likely to be 1500 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
22-12-2023	6.2	23.0
23-12-2023	9.6	23.0
24-12-2023	7.6	24.4
25-12-2023	7.8	25.9

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Jahangirpuri, Delhi - DPCC	422	Severe	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	420	Severe	PM _{2.5}
	Wazirpur, Delhi - DPCC	416	Severe	PM _{2.5}
	Punjabi Bagh, Delhi - DPCC	410	Severe	PM _{2.5}
	ITO, Delhi - CPCB	405	Severe	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	374	Very Poor	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	355	Very Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	310	Very Poor	PM _{2.5}
	NISE Gwal Pahari, Gurugram - IMD	308	Very Poor	PM _{2.5}
	Teri Gram, Gurugram - HSPCB	306	Very Poor	PM _{2.5}
Ghaziabad	Vasundhara, Ghaziabad - UPPCB	321	Very Poor	PM _{2.5}
	Loni, Ghaziabad - UPPCB	317	Very Poor	PM _{2.5}
	Indrapuram, Ghaziabad - UPPCB	287	Poor	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	347	Very Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	332	Very Poor	PM _{2.5}
	Sector-1, Noida - UPPCB	327	Very Poor	PM _{2.5}