



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 18, 2024



Current Air Quality Status:

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

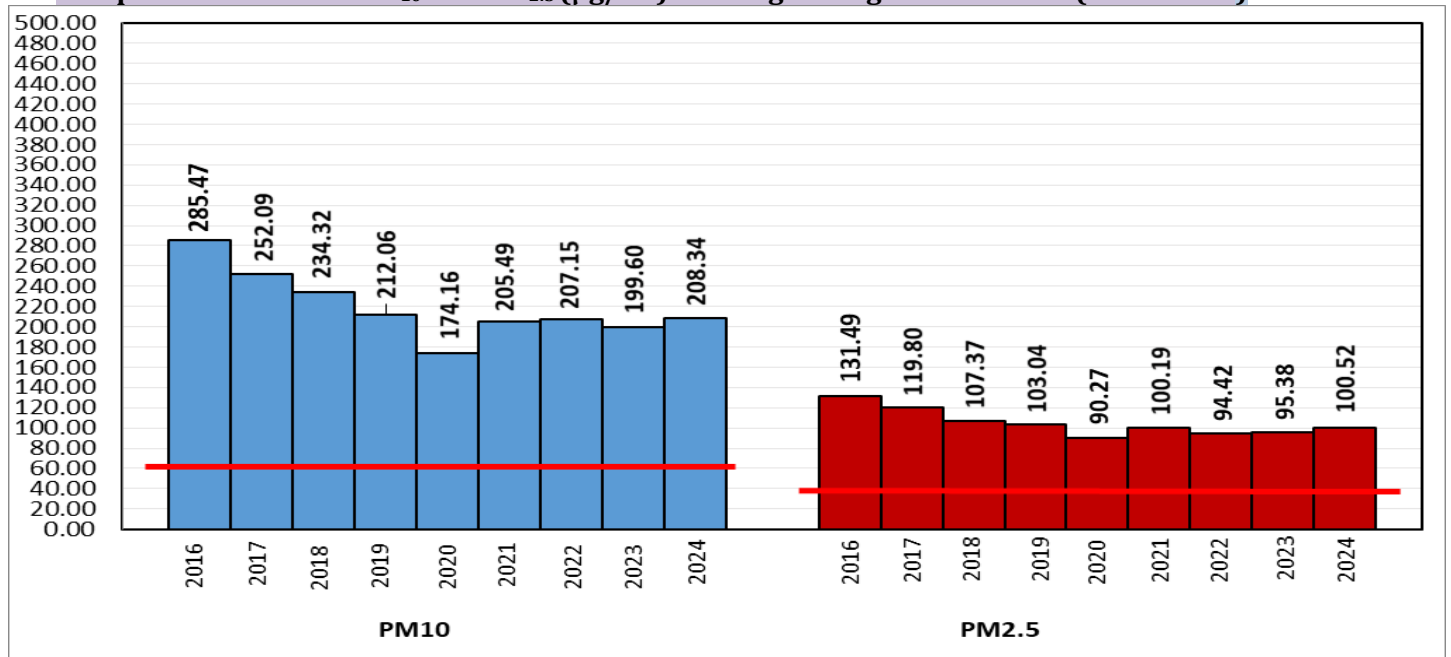
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Severe	445↑	PM _{2.5}	Very Poor	330↓	PM _{2.5}	Very Poor	353↑	PM ₁₀ , PM _{2.5}
Faridabad	Poor	263↓	PM ₁₀ , PM _{2.5}	Poor	240↓	PM ₁₀ , PM _{2.5}	Very Poor	305↑	PM _{2.5}
Ghaziabad	Very Poor	375↓	PM _{2.5}	Poor	248↓	PM _{2.5}	Very Poor	354↑	PM ₁₀
Greater Noida	Very Poor	326↓	PM _{2.5}	Poor	257↓	PM _{2.5}	Very Poor	398↑	PM ₁₀ , PM _{2.5}
Gurugram	Very Poor	400↑	PM _{2.5}	Poor	257↓	PM _{2.5}	Very Poor	328↑	PM _{2.5}
Noida	Very Poor	359↓	PM _{2.5}	Poor	255↓	PM _{2.5}	Very Poor	328↑	PM _{2.5}

*Data available for 37(2024), 33(2023), 36(2022) 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 Dec 2016-2024

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2016	2017	2018	2019	2020	2021	2022	2023	2024
	No. of days	341	352	352	352	353	352	352	352	353									
Good (0–50)		0	2	0	2	5	1	3	1	0									
Satisfactory (51–100)		23	45	53	58	95	72	65	60	66	110	150	159	180	227	197	163	206	207
Moderate (101–200)		87	103	106	120	127	124	95	145	141									
Poor (201–300)		119	113	113	102	71	75	130	75	68									
Very Poor (301–400)		87	81	64	50	43	62	54	59	65	231	202	193	172	126	155	189	146	146
Severe (>401)		25	8	16	20	12	18	5	12	13									

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Dec 17 (2016-2024)



*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 17.12.24 to 06:00 am of 18.12.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
17-Dec-2024	337↑	503↑

Hotspots for Today:

*Details given below

Delhi	Anand Vihar, Wazirpur, Nehru Nagar, Jahangirpuri, ITO	Ghaziabad	Indirapuram, Loni
Faridabad	Sector 11, New Industrial Town	Greater Noida	Knowledge Park - V
Gurugram	NISE Gwal Pahari, Vikas Sadan	Noida	Sector - 62, Sector -125

Forecast by IITM(Delhi):

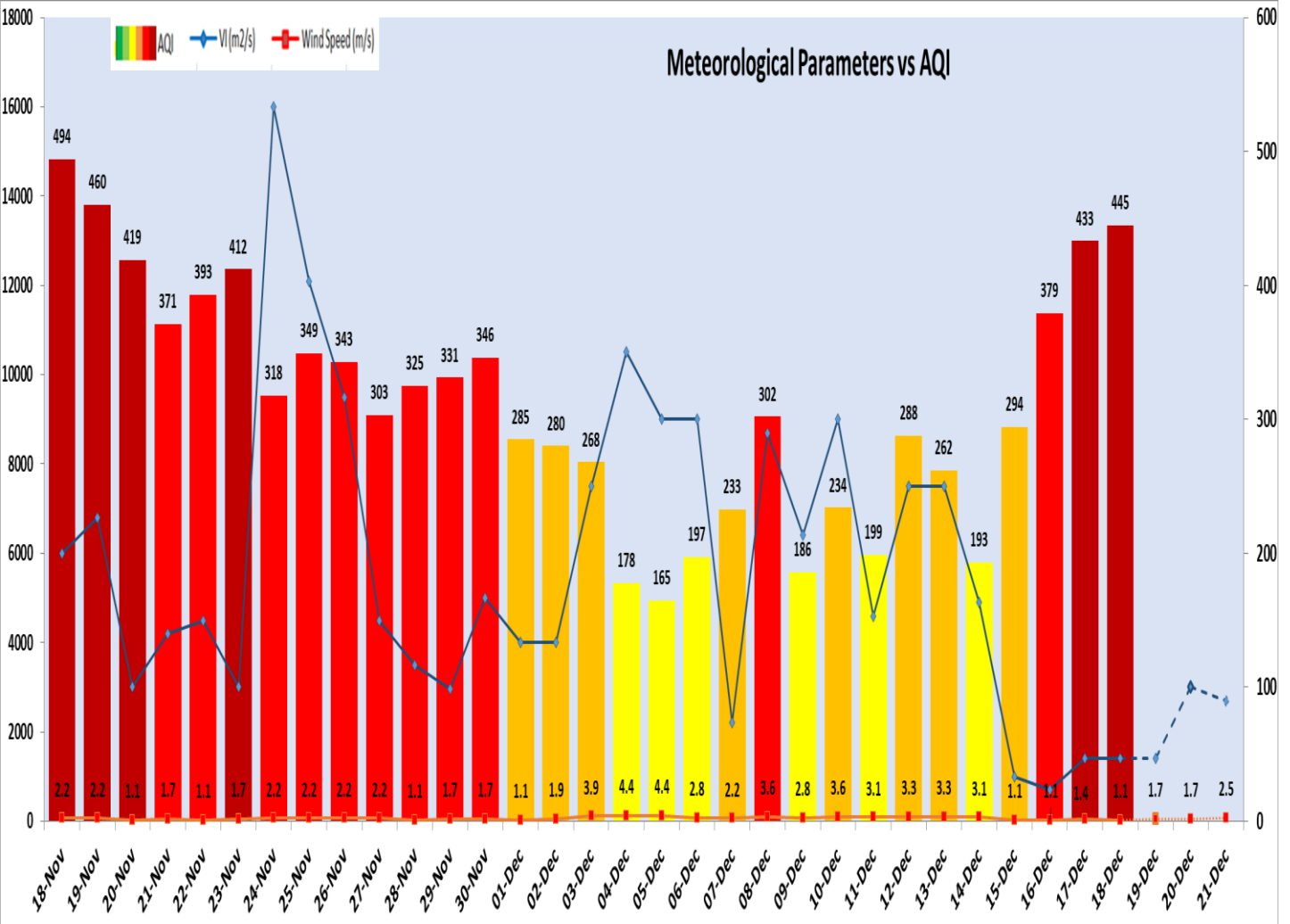
	Dec 19, 2024	Dec 20, 2024	Dec 21, 2024
AQI Category	Severe	Very Poor	Very Poor

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, 2024	04-08	04	06	SE/E	SE
Dec 20, 2024	04-08	08	23	VAR	N
Dec 21, 2024	06-12	05	19	NW	W

IMD Alert for Tomorrow (19.12.2024):

The air quality is likely to be in Severe category on 19.12.2024. The predominant surface wind is likely to be from southeast direction with speed less than 04 kmph during morning hours. Dense fog over most of the places with very dense fog isolated places is likely in the morning hours. The wind speed will increase thereafter becoming less than 06 kmph from southeast direction during afternoon. It will decrease thereafter becoming less than 04 kmph from east direction during evening and night. Smog/shallow fog is likely in the evening/nightand mainly clear sky on 19.12.2024. Ventilation index is likely to be 1400 m²/s.



Delhi Temperature in (°C)*		
Date	Minimum	Maximum
15-12-2024	4.9	23.4
16-12-2024	4.5	23.2
17-12-2024	5.9	24.5
18-12-2024	7.6	24.4

* Source – IMD (08:30 hrs.)

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	484	Severe	PM _{2.5}
	Wazirpur, Delhi - DPCC	482	Severe	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	481	Severe	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	474	Severe	PM _{2.5}
	ITO, Delhi - CPCB	473	Severe	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	352	Very Poor	PM _{2.5}
	New Industrial Town, Faridabad - HSPCB	325	Very Poor	PM _{2.5}
Gurugram	NISE Gwal Pahari, Gurugram - IMD	424	Severe	PM _{2.5}
	Vikas Sadan, Gurugram - HSPCB	421	Severe	PM _{2.5}
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	423	Severe	PM _{2.5}
	Loni, Ghaziabad - UPPCB	396	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	345	Very Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	432	Severe	PM _{2.5}
	Sector - 125, Noida - UPPCB	364	Very Poor	PM _{2.5}