



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 04, 2024



Current Air Quality Status:

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

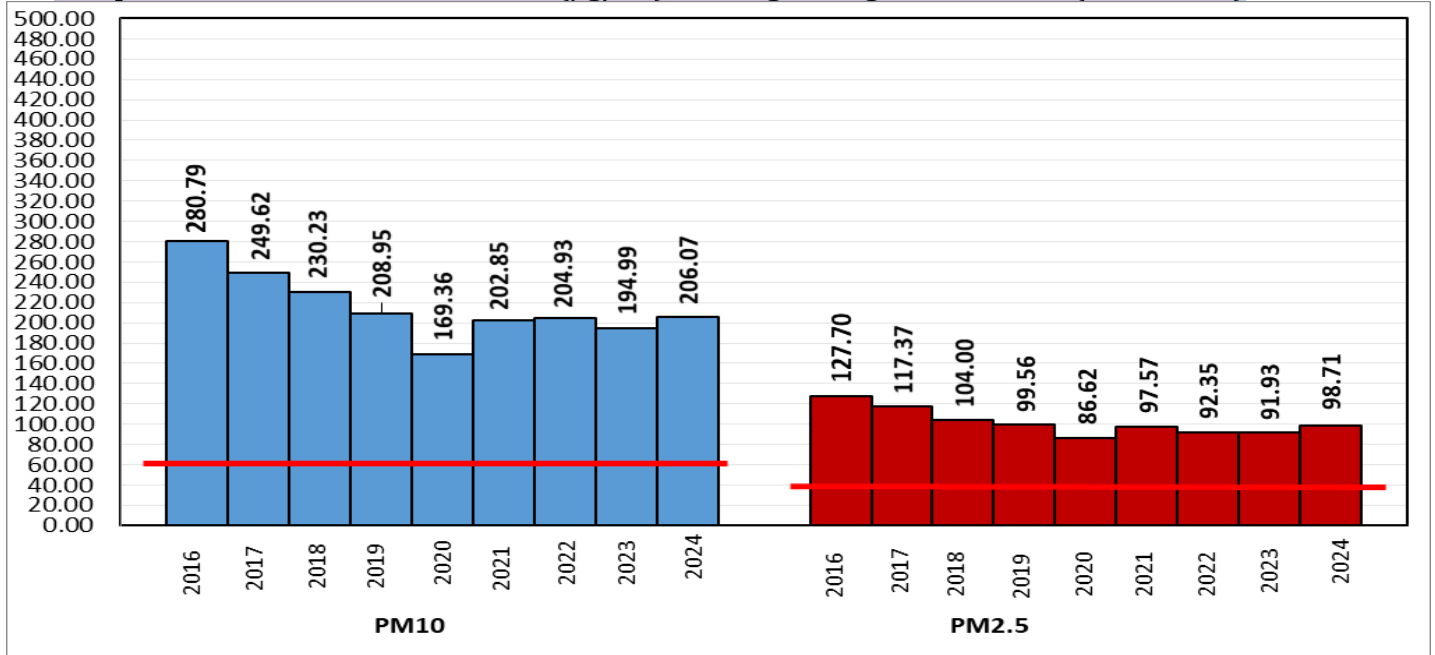
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	178↓	PM _{2.5}	Very Poor	310↓	PM _{2.5}	Severe	407↑	PM ₁₀ , PM _{2.5}
Faridabad	Moderate	175↓	PM _{2.5} , PM ₁₀	Poor	237↓	PM _{2.5}	Very Poor	360↑	PM _{2.5}
Ghaziabad	Moderate	102↓	PM ₁₀	Poor	216↓	PM _{2.5}	Very Poor	370↑	PM _{2.5}
Greater Noida	Moderate	129↓	PM ₁₀	Poor	255↓	PM _{2.5}	Severe	410↑	PM ₁₀ , PM _{2.5}
Gurugram	Moderate	140↓	PM _{2.5}	Poor	224↓	PM _{2.5}	Very Poor	318↑	PM _{2.5}
Noida	Moderate	110↓	PM ₁₀	Poor	243↓	PM _{2.5}	Very Poor	371↑	PM _{2.5}

*Data available for 38(2024), 35(2023), 35(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 04 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	327	338	338	338	339	338	338	338	339	2016	2017	2018	2019	2020	2021	2022	2023	2024	
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	158	179	226	197	160	206	202	
Moderate (101–200)		87	103	105	119	126	124	92	145	136										
Poor (201–300)		119	107	110	97	65	69	127	73	63										
Very Poor (301–400)		75	73	57	46	37	54	46	47	63	217	188	180	159	113	141	178	132	137	
Severe (>401)		23	8	13	16	11	18	5	12	11										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Dec 03 (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 03.12.24 to 06:00 am of 04.12.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
03-Dec-2024	105↓	209↓

Hotspots for Today: *Details given below

Delhi	Shadipur, Nehru Nagar, Dwarka-Sector 8, Mundka, NSIT Dwarka	Ghaziabad	Loni, Indirapuram
Faridabad	Sector 30	Greater Noida	Knowledge Park - V
Gurugram	Sector-51, NISE Gwal Pahari	Noida	Sector - 62, Sector-116

Forecast by IITM(Delhi):

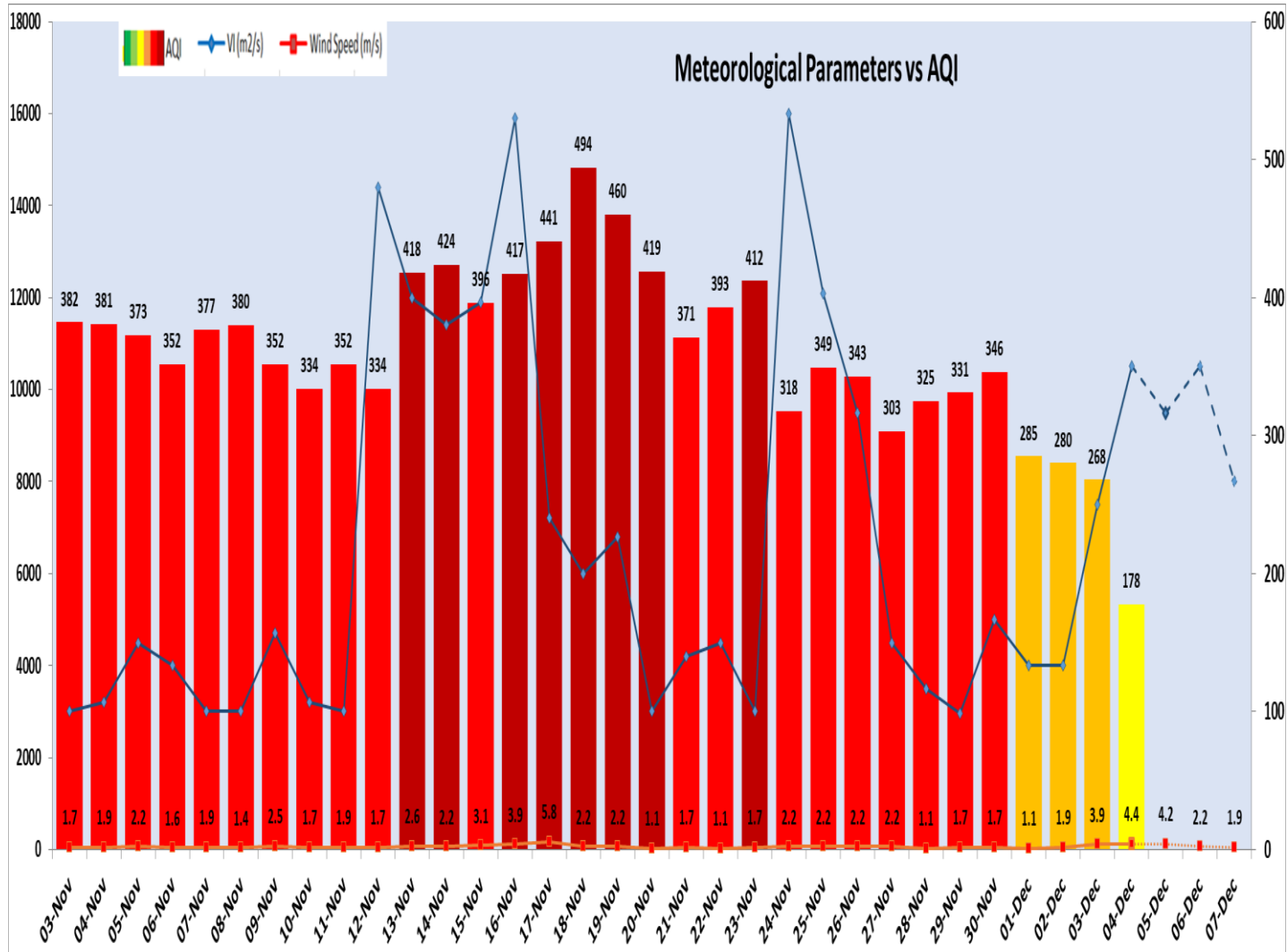
	Dec 05, 2024	Dec 06, 2024	Dec 07, 2024
AQI Category	Moderate	Poor	Poor

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 05, 2024	10-20	07	31	NW	NW
Dec 06, 2024	04-12	07	24	NW/WNW	W
Dec 07, 2024	04-10	07	08	E/N	SE

IMD Alert for Tomorrow (05.12.2024):

The air quality is likely to be in Moderate category from 04.12.2024 to 05.12.2024. The predominant surface wind is likely to be from northwest direction with speed less than 14 kmph during morning hours. Smog/mist is likely in the morning. The wind speed will increase thereafter becoming less than 20 kmph from northwest direction during afternoon. It will decrease thereafter becoming less than 12 kmph from northwest direction during evening and night. Smog/mist is likely in the evening/night and mainly clear sky on 05.12.2024. Ventilation index is likely to be 9500 m²/s.



Delhi Temperature in (°C)*

Date	Minimum	Maximum
01-12-2024	11.4	26.8
02-12-2024	10.4	27.0
03-12-2024	10.5	27.4
04-12-2024	12.0	28.2

* Source – IMD (08:30 hrs.)

▪ *Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Shadipur, Delhi - CPCB	267	Poor	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	252	Poor	PM _{2.5}
	Dwarka-Sector 8, Delhi - DPCC	223	Poor	PM _{2.5}
	Mundka, Delhi - DPCC	216	Poor	PM ₁₀
	NSIT Dwarka, Delhi - CPCB	212	Poor	PM ₁₀
Faridabad	Sector 30, Faridabad - HSPCB	335	Very Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	170	Moderate	PM _{2.5}
	NISE Gwal Pahari, Gurugram - IMD	146	Moderate	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	119	Moderate	PM ₁₀
	Indirapuram, Ghaziabad - UPPCB	108	Moderate	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	140	Moderate	PM ₁₀
Noida	Sector - 62, Noida - IMD	146	Moderate	PM ₁₀
	Sector-116, Noida - UPPCB	120	Moderate	PM ₁₀