



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 07, 2024



Current Air Quality Status:

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

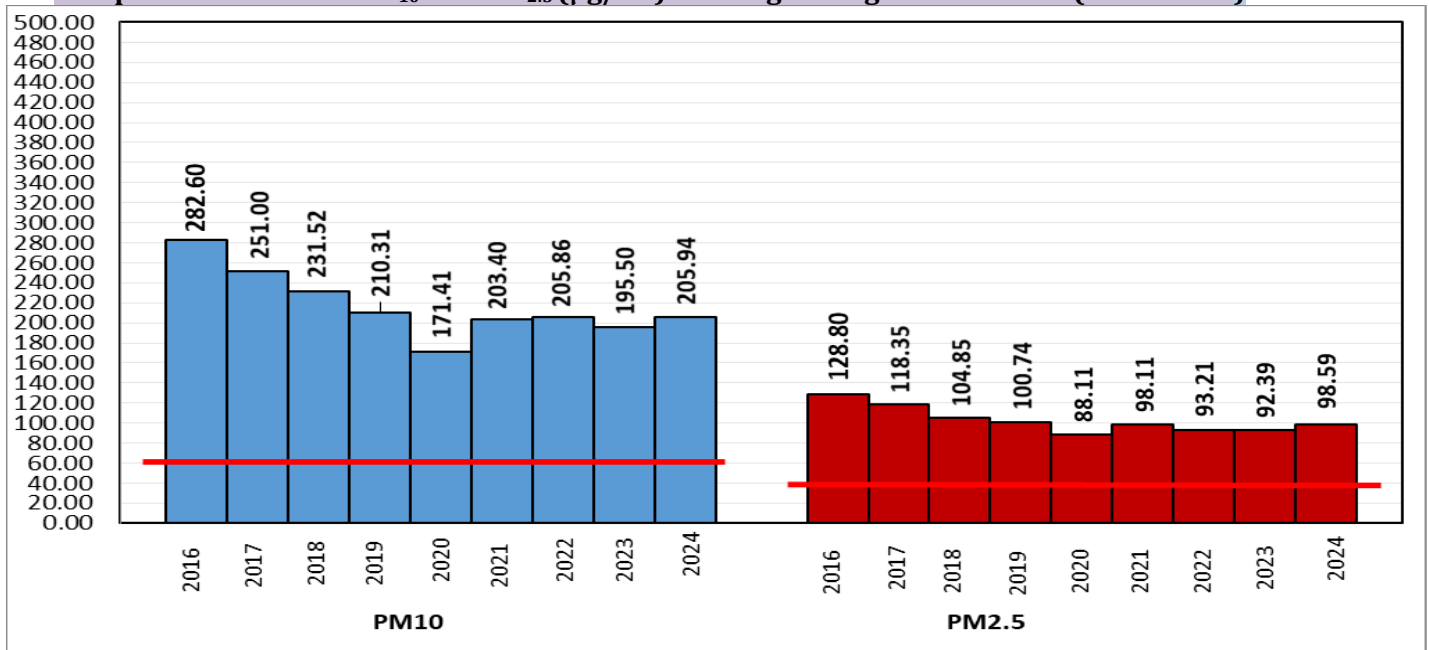
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	233↑	PM _{2.5} , PM ₁₀	Very Poor	320↑	PM _{2.5}	Very Poor	304↓	PM _{2.5}
Faridabad	Moderate	199↑	PM _{2.5} , PM ₁₀	Poor	265↑	PM _{2.5}	Poor	255↓	PM _{2.5}
Ghaziabad	Moderate	175↑	PM _{2.5}	Poor	284↑	PM _{2.5}	Poor	216↓	PM _{2.5}
Greater Noida	Poor	218↑	PM _{2.5}	Poor	288↑	PM _{2.5}	Poor	266↓	PM _{2.5}
Gurugram	Moderate	198↑	PM _{2.5}	Poor	235↑	PM _{2.5}	Poor	215↓	PM _{2.5}
Noida	Moderate	179↑	NO ₂ , PM _{2.5} , PM ₁₀	Poor	279↑	PM _{2.5}	Poor	241↓	PM _{2.5}

*Data available for 38(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 07 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	330	341	341	341	342	341	341	341	342										
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	204	
Moderate (101–200)		87	103	105	119	126	124	92	145	138										
Poor (201–300)		119	107	111	98	65	70	127	75	64										
Very Poor (301–400)		76	76	58	47	39	56	49	48	63	220	191	183	162	116	144	181	135	138	
Severe (>401)		25	8	14	17	12	18	5	12	11										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Dec 06 (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 06.12.24 to 06:00 am of 07.12.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
06-Dec-2024	101↑	215↑

Hotspots for Today: *Details given below

Delhi	Shadipur, Anand Vihar, Nehru Nagar, Bawana, Jahangirpuri	Ghaziabad	Indirapuram, Loni
Faridabad	Sector 30	Greater Noida	Knowledge Park - V
Gurugram	Sector-51, NISE Gwal Pahari, Teri Gram	Noida	Sector – 62

Forecast by IITM(Delhi):

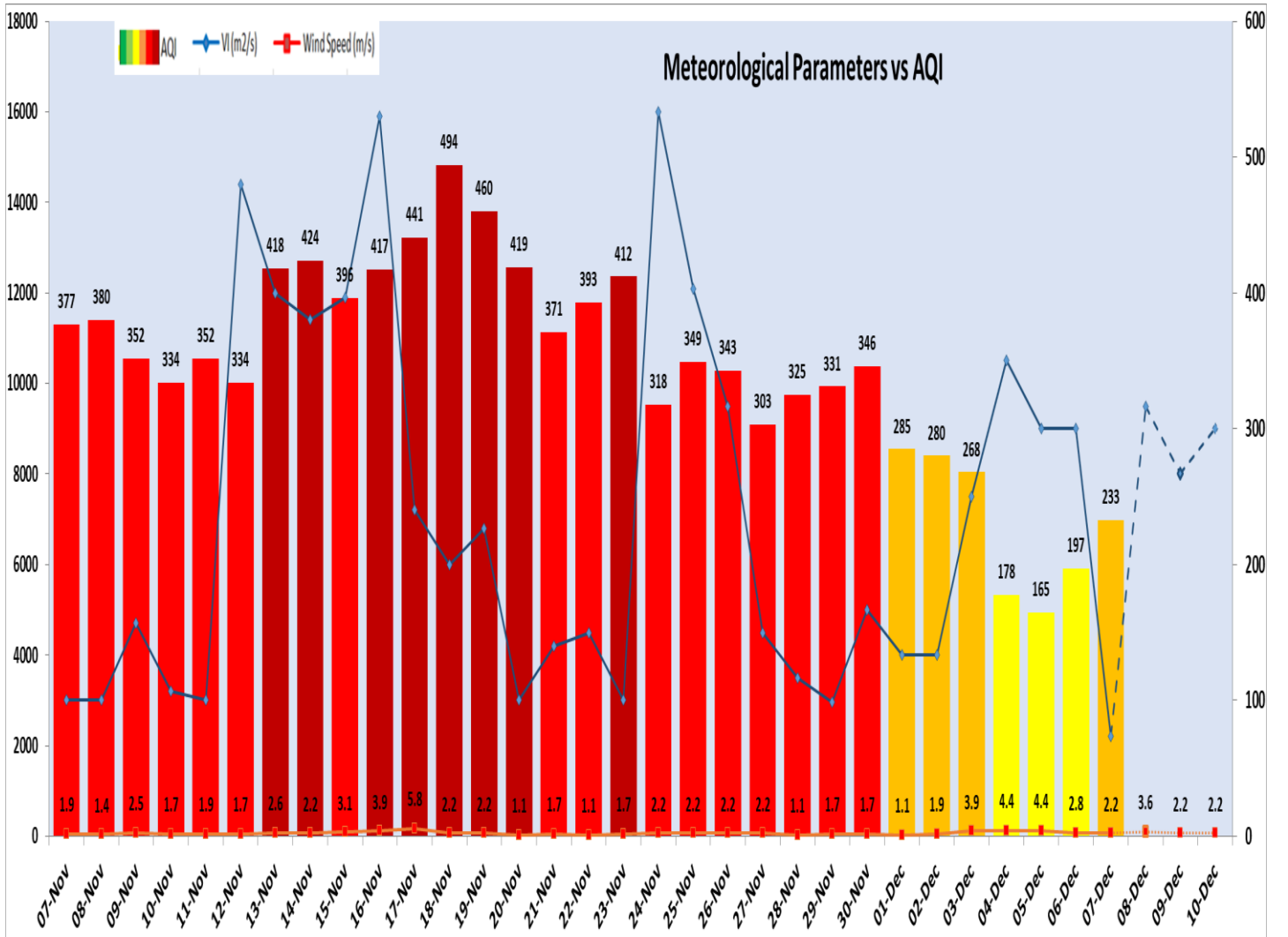
	Dec 08, 2024	Dec 09, 2024	Dec 10, 2024
AQI Category	Poor	Poor	Very Poor

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 08, 2024	16-10	12	39	SE	SE
Dec 09, 2024	12-04	05	14	SE/NE	NW
Dec 10, 2024	04-12	07	25	NW	NW

IMD Alert for Tomorrow (08.12.2024):

The air quality is likely to be in Poor category from 08.12.2024 to 09.12.2024. The predominant surface wind is likely to be from southeast direction with speed less than 16 kmph during morning hours. Smog/shallow fog is likely in the morning. The wind speed will decrease thereafter becoming less than 20 kmph from southeast direction during afternoon. It will increase thereafter becoming less than 12 kmph from southeast direction during evening and night. Partly cloudy sky and possibility of very light rain/drizzle on 08.12.2024. Ventilation index is likely to be 9500 m²/s.



Delhi Temperature in (°C)*

Date	Minimum	Maximum
04-12-2024	12.0	28.2
05-12-2024	8.5	28.0
06-12-2024	8.5	25.1
07-12-2024	7.1	25.1

* Source – IMD (08:30 hrs.)

▪ *Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Shadipur, Delhi - CPCB	317	Very Poor	PM _{2.5}
	Anand Vihar, Delhi - DPCC	310	Very Poor	PM ₁₀
	Nehru Nagar, Delhi - DPCC	279	Poor	PM _{2.5}
	Bawana, Delhi - DPCC	278	Poor	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	278	Poor	PM _{2.5}
Faridabad	Sector 30, Faridabad - HSPCB	246	Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	212	Poor	PM _{2.5}
	NISE Gwal Pahari, Gurugram - IMD	200	Moderate	PM _{2.5}
	Teri Gram, Gurugram - HSPCB	198	Moderate	PM _{2.5}
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	212	Poor	PM _{2.5}
	Loni, Ghaziabad - UPPCB	205	Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	234	Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	200	Moderate	PM _{2.5}