



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 06, 2024



Current Air Quality Status:

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

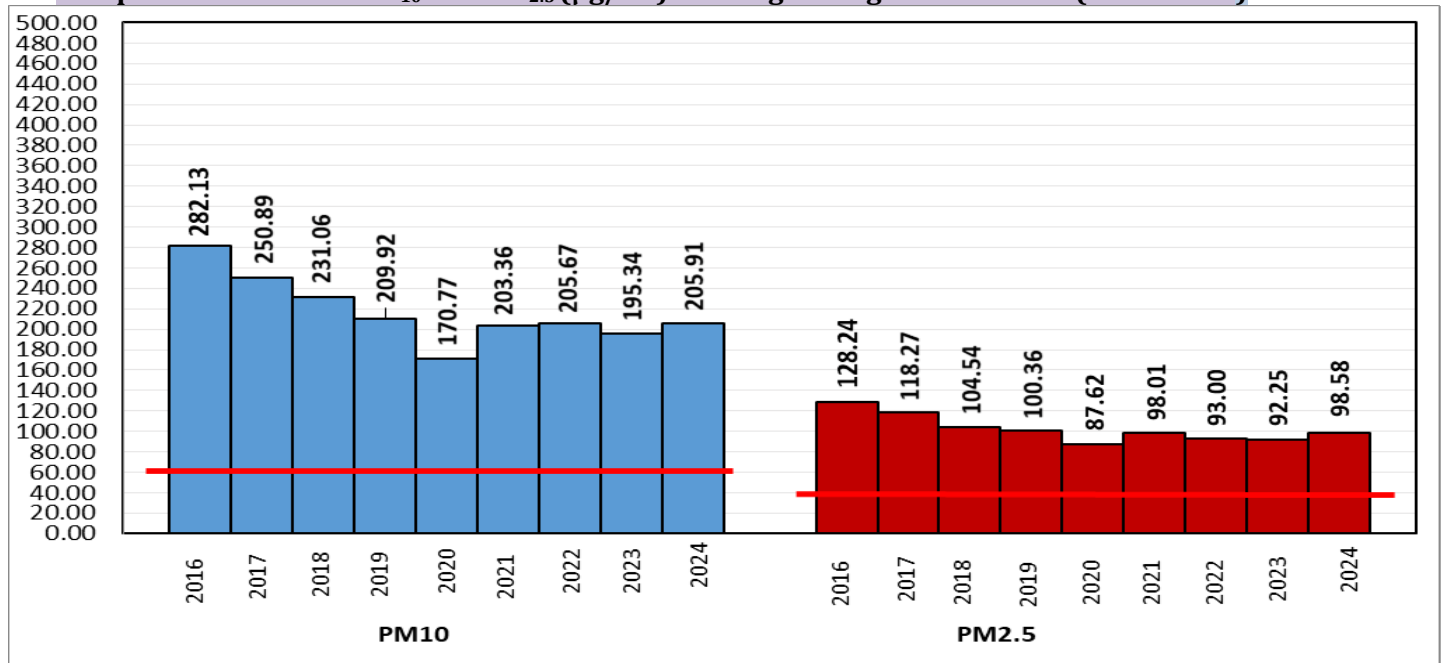
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	197↑	PM _{2.5} , PM ₁₀ , O ₃	Poor	286↓	PM _{2.5}	Very Poor	353↑	PM ₁₀ , PM _{2.5}
Faridabad	Moderate	180↑	PM _{2.5} , PM ₁₀	Moderate	189↓	PM ₁₀ , PM _{2.5}	Very Poor	343↑	PM _{2.5}
Ghaziabad	Moderate	136↑	PM _{2.5} , PM ₁₀	Poor	230↑	PM _{2.5}	Poor	284↑	PM _{2.5}
Greater Noida	Moderate	180↑	PM _{2.5} , PM ₁₀	Poor	232↓	PM _{2.5}	Very Poor	338↓	PM _{2.5}
Gurugram	Moderate	168↑	PM _{2.5}	Poor	227↓	PM _{2.5}	Poor	278↓	PM _{2.5}
Noida	Moderate	125↑	PM _{2.5} , PM ₁₀	Poor	220↓	PM _{2.5}	Poor	300↓	PM _{2.5}

*Data available for 38(2024), 37(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 06 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	329	340	340	340	341	340	340	340	341	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	204	
Moderate (101–200)		87	103	105	119	126	124	92	145	138										
Poor (201–300)		119	107	110	97	65	69	127	75	63										
Very Poor (301–400)		75	75	58	47	38	56	48	47	63	219	190	182	161	115	143	180	134	137	
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 05 (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 05.12.24 to 06:00 am of 06.12.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
05-Dec-2024	83↑	188↑

Hotspots for Today: *Details given below

Delhi	Shadipur, Sri Aurobindo Marg, Mundka, Jahangirpuri, Anand Vihar	Ghaziabad	Loni, Indirapuram
Faridabad	Sector 30	Greater Noida	Knowledge Park - V
Gurugram	Sector-51, Teri Gram	Noida	Sector – 62, Sector-116

Forecast by IITM(Delhi):

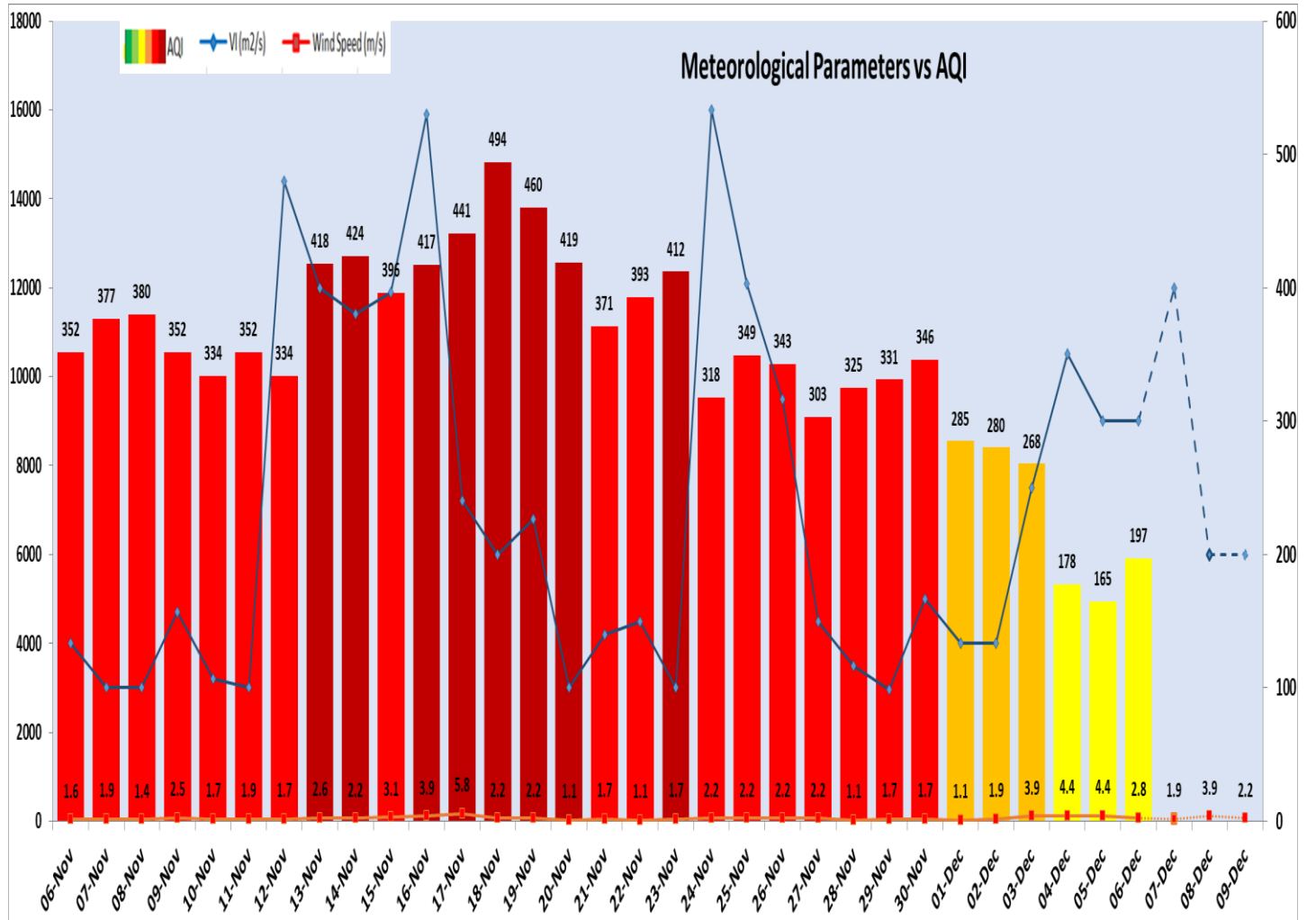
	Dec 07, 2024	Dec 08, 2024	Dec 09, 2024
AQI Category	Poor	Poor	Poor

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 07, 2024	04-10	04	07	NE/E	SE
Dec 08, 2024	08-20	12	45	SE/E	S
Dec 09, 2024	04-12	05	06	E/ESE	W

IMD Alert for Tomorrow (07.12.2024):

The air quality is likely to be in Poor category from 07.12.2024 to 09.12.2024. The predominant surface wind is likely to be from east direction with speed less than 08 kmph during morning hours. Smog/shallow fog is likely in the morning. The wind speed will decrease thereafter becoming less than 06 kmph from variable direction during afternoon. It will increase thereafter becoming less than 10 kmph from east direction during evening and night. Smog/mist is likely in the evening/night and mainly clear sky on 07.12.2024. Ventilation index is likely to be 12000 m²/s.



Delhi Temperature in (°C)*

Date	Minimum	Maximum
03-12-2024	10.5	27.4
04-12-2024	12.0	28.2
05-12-2024	8.5	28.0
06-12-2024	8.5	25.1

* Source – IMD (08:30 hrs.)

▪ *Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Shadipur, Delhi - CPCB	281	Poor	PM _{2.5}
	Sri Aurobindo Marg, Delhi - DPCC	257	Poor	Ozone
	Mundka, Delhi - DPCC	254	Poor	PM ₁₀
	Jahangirpuri, Delhi - DPCC	251	Poor	PM _{2.5}
	Anand Vihar, Delhi - DPCC	248	Poor	PM _{2.5}
Faridabad	Sector 30, Faridabad - HSPCB	332	Very Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	227	Poor	PM _{2.5}
	Teri Gram, Gurugram - HSPCB	174	Moderate	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	172	Moderate	PM _{2.5}
	Indirapuram, Ghaziabad - UPPCB	156	Moderate	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	208	Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	162	Moderate	PM ₁₀
	Sector-116, Noida - UPPCB	140	Moderate	PM ₁₀