



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 11, 2024



Current Air Quality Status:

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

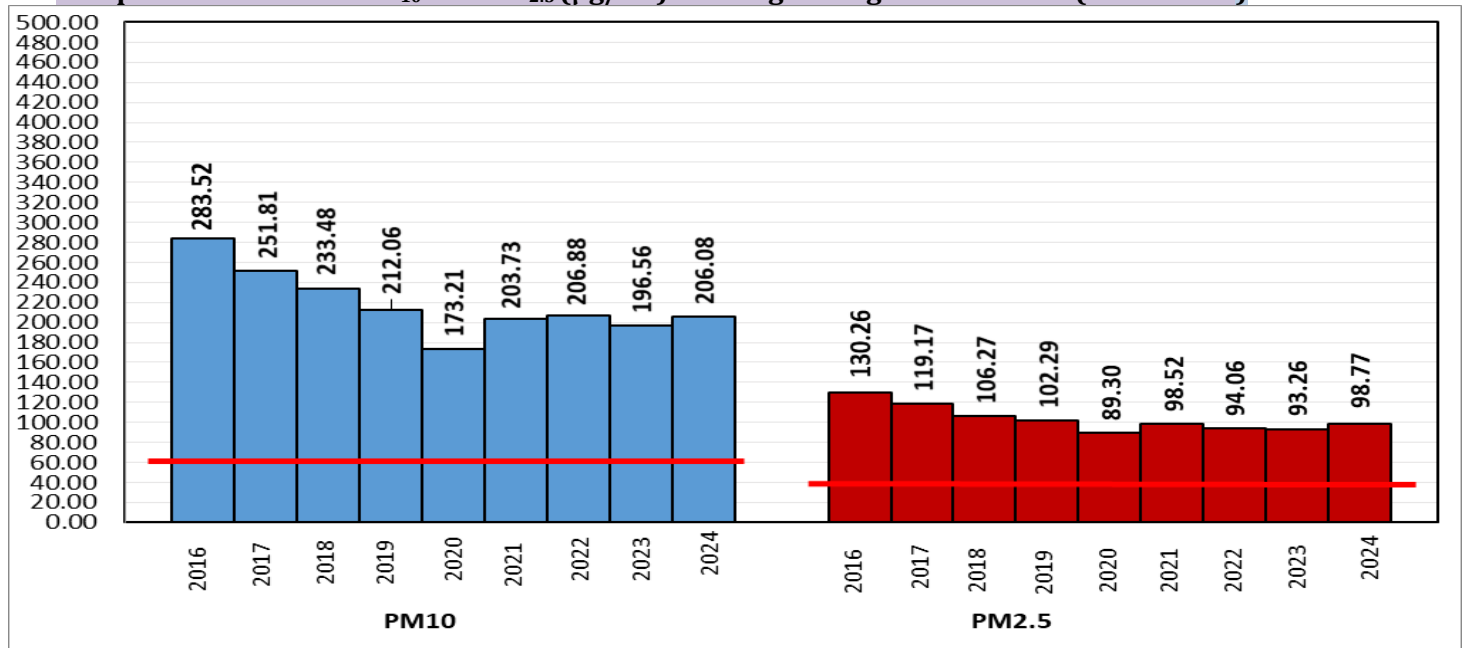
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	199↓	PM ₁₀ , PM _{2.5}	Very Poor	317↑	PM _{2.5}	Very Poor	306↓	PM _{2.5}
Faridabad	Satisfactory	52↓	PM ₁₀	Poor	269↓	PM _{2.5}	Poor	275↓	PM _{2.5}
Ghaziabad	Satisfactory	98↓	PM ₁₀	Poor	252↑	PM _{2.5}	Poor	270↓	PM _{2.5}
Greater Noida	Moderate	146↑	PM ₁₀ , PM _{2.5}	Poor	277↑	PM _{2.5}	Very Poor	306↓	PM _{2.5}
Gurugram	Moderate	159↓	O ₃ , PM _{2.5}	Poor	260↑	PM _{2.5}	Poor	204↓	PM _{2.5}
Noida	Moderate	110↓	PM ₁₀ , NO ₂	Poor	288↑	PM _{2.5} , PM ₁₀	Poor	268↓	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 11 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	334	345	345	345	346	345	345	345	346									
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	206
Moderate (101–200)		87	103	105	119	126	124	92	145	140									
Poor (201–300)		119	108	111	100	67	73	128	75	65									
Very Poor (301–400)		80	79	62	48	41	57	52	52	64	224	195	187	166	120	148	185	139	140
Severe (>401)		25	8	14	18	12	18	5	12	11									

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Dec 10 (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 10.12.24 to 06:00 am of 11.12.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
10-Dec-2024	93↓	185↓

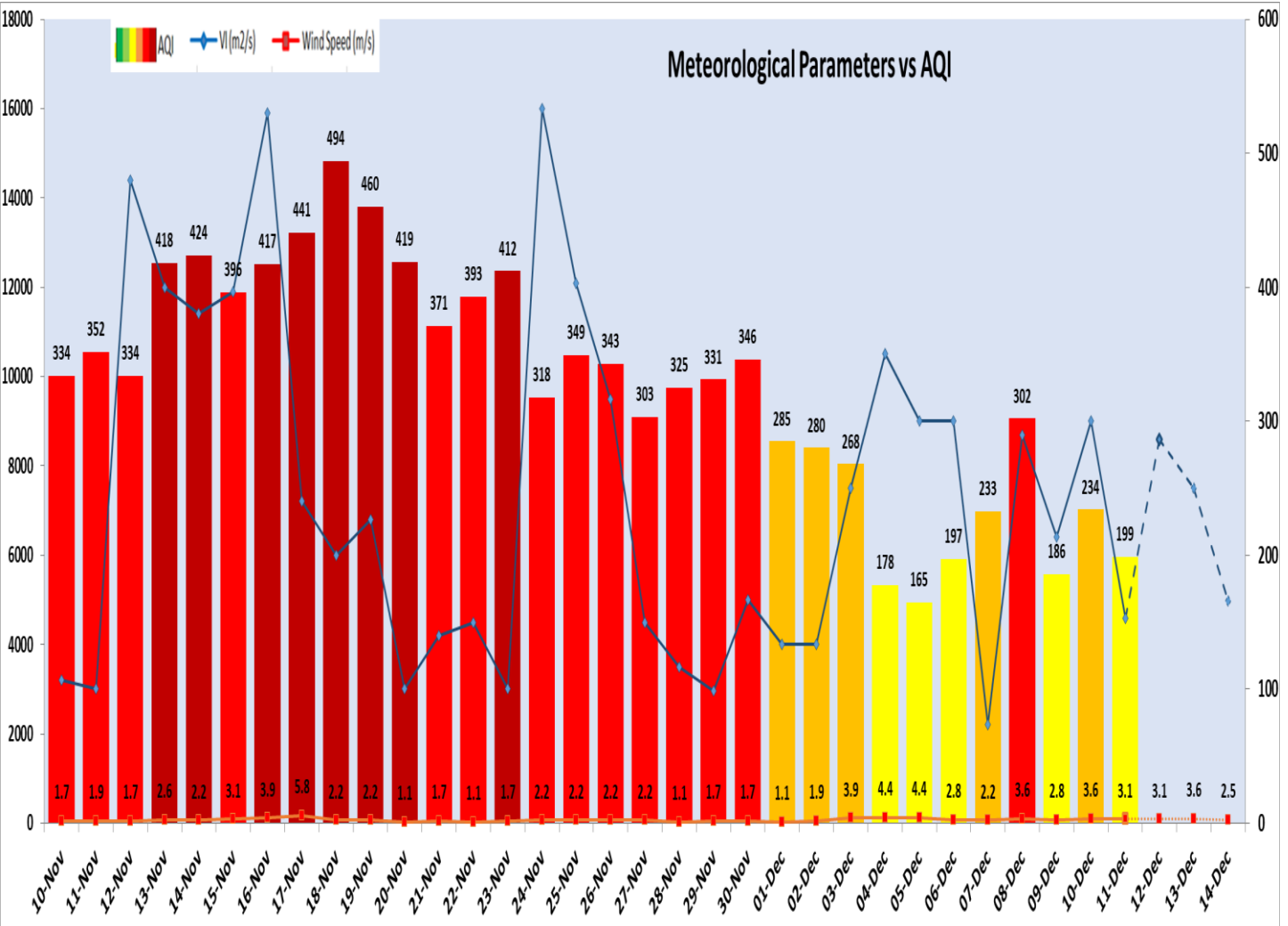
Hotspots for Today:		*Details given below	
Delhi	R K Puram, Mundka, Nehru Nagar, Bawana, Jahangirpuri	Ghaziabad	Loni, Indirapuram
Faridabad	Sector-30	Greater Noida	Knowledge Park - V
Gurugram	NISE Gwal Pahari, Sector-51	Noida	Sector -62, Sector-116

Forecast by IITM(Delhi):			
	Dec 12, 2024	Dec 13, 2024	Dec 14, 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 12, 2024	06-16	08	30	NW	NW
Dec 13, 2024	10-16	14	51	NW	NW
Dec 14, 2024	06-12	09	37	NW	NW

IMD Alert for Tomorrow (12.12.2024):

The air quality is likely to be in Poor category from 12.12.2024 to 14.12.2024. The predominant surface wind is likely to be from northwest direction with speed less than 08 kmph during morning hours. Smog/mist is likely in the morning. The wind speed will increase thereafter becoming less than 16 kmph from northwest direction during afternoon. It will decrease thereafter becoming less than 08 kmph from northwest direction during evening and night. Smog/mist is likely in the evening/night and mainly clear sky with cold wave conditions at isolated places on 12.12.2024. Ventilation index is likely to be 8600 m²/s.



Delhi Temperature in (°C)*		
Date	Minimum	Maximum
08-12-2024	7.4	25.4
09-12-2024	8.2	23.7
10-12-2024	8.0	21.6
11-12-2024	4.9	23.0

* Source – IMD (08:30 hrs.)

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	R K Puram, Delhi - DPCC	287	Poor	PM _{2.5}
	Mundka, Delhi - DPCC	278	Poor	PM ₁₀
	Nehru Nagar, Delhi - DPCC	259	Poor	PM _{2.5}
	Bawana, Delhi - DPCC	244	Poor	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	242	Poor	PM _{2.5}
Faridabad	Sector 30, Faridabad - HSPCB	52	Satisfactory	PM ₁₀
Gurugram	NISE Gwal Pahari, Gurugram - IMD	192	Moderate	Ozone
	Sector-51, Gurugram - HSPCB	169	Moderate	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	112	Moderate	PM ₁₀
	Indirapuram, Ghaziabad - UPPCB	107	Moderate	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	167	Moderate	PM _{2.5}
Noida	Sector - 62, Noida - IMD	141	Moderate	PM ₁₀
	Sector-116, Noida - UPPCB	116	Moderate	PM ₁₀