



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 08, 2024



Current Air Quality Status:

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

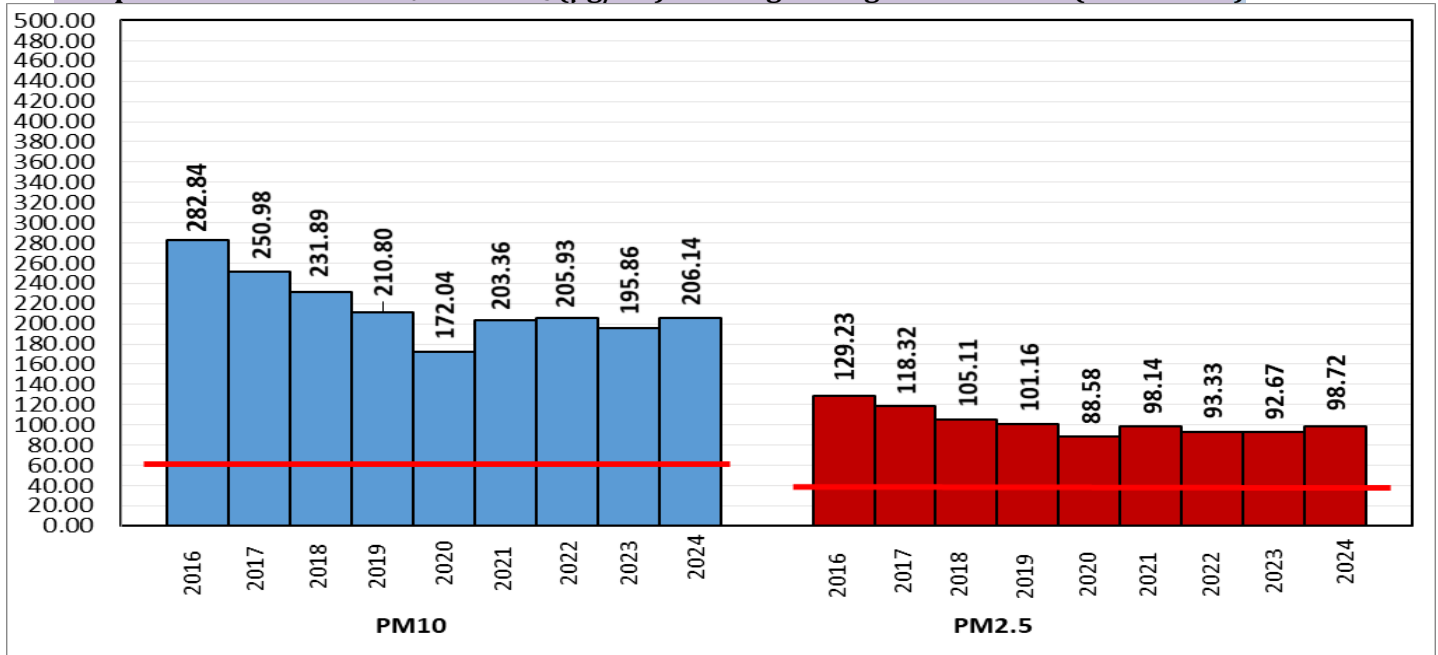
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	302↑	PM ₁₀ , PM _{2.5}	Very Poor	324↑	PM _{2.5}	Poor	281↓	PM _{2.5}
Faridabad	Moderate	146↓	PM ₁₀ , PM _{2.5}	Poor	261↓	PM _{2.5}	Poor	216↓	PM _{2.5}
Ghaziabad	Poor	233↑	PM _{2.5}	Poor	275↓	PM _{2.5}	Poor	230↑	PM _{2.5}
Greater Noida	Poor	236↑	PM _{2.5}	Poor	294↑	PM _{2.5}	Poor	238↓	PM _{2.5}
Gurugram	Poor	232↑	PM ₁₀ , PM _{2.5}	Poor	242↑	PM _{2.5}	Poor	219↑	PM _{2.5}
Noida	Poor	228↑	PM _{2.5}	Poor	253↓	PM _{2.5}	Poor	239↓	PM _{2.5}

*Data available for 38(2024), 36(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 08 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	331	342	342	342	343	342	342	342	343	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	111	99	65	71	128	75	64										
Very Poor (301–400)		77	77	59	47	40	56	49	49	64	221	192	184	163	117	145	182	136	139	
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 07 (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 07.12.24 to 06:00 am of 08.12.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
07-Dec-2024	143↑	274↑

Hotspots for Today: *Details given below

Delhi	Shadipur, Anand Vihar, Nehru Nagar, Wazirpur, Mundka	Ghaziabad	Indirapuram, Loni, Vasundhara
Faridabad	New Industrial Town, Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Sector-51	Noida	Sector - 125, Sector-116, Sector - 62

Forecast by IITM(Delhi):

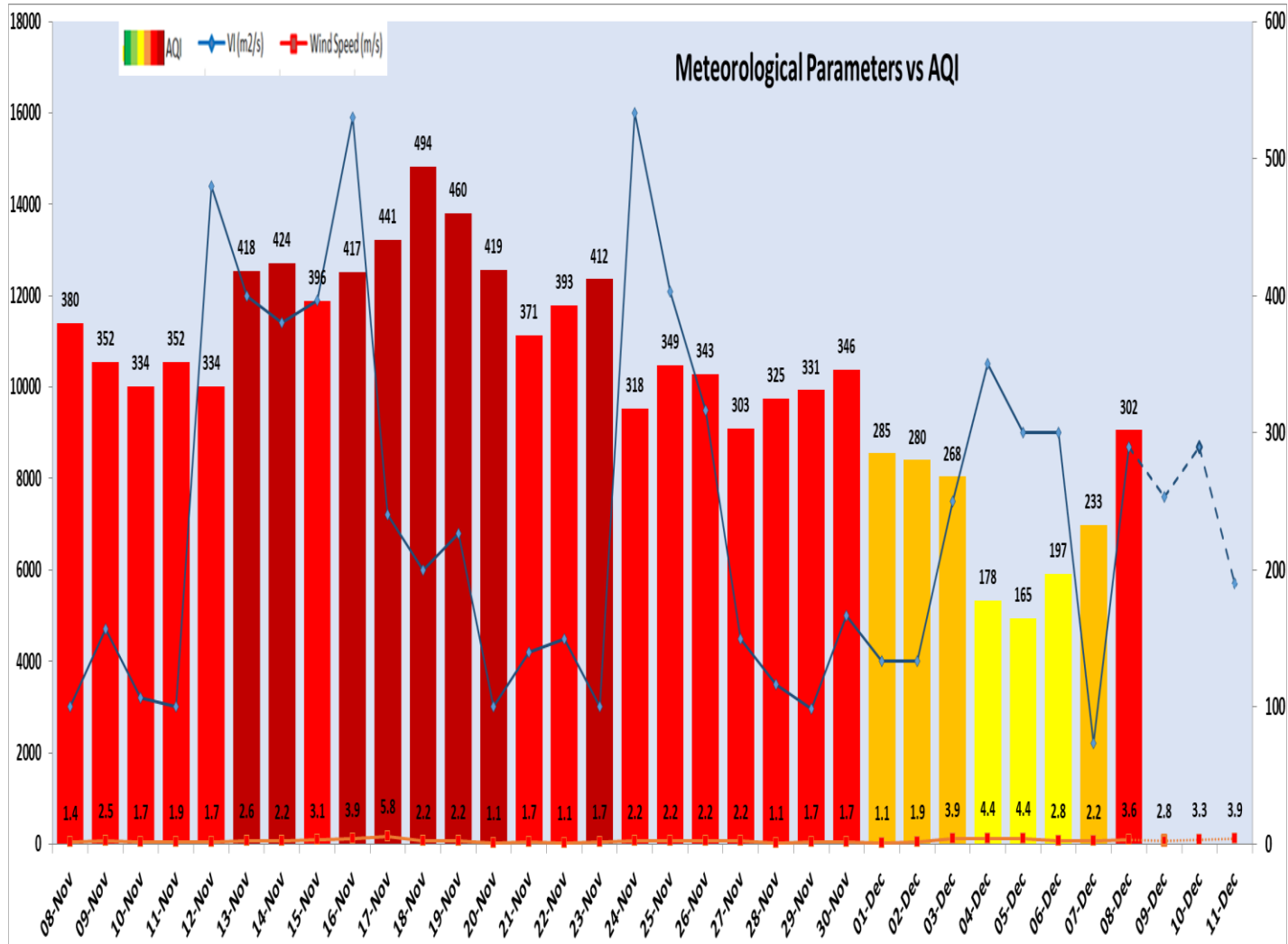
	Dec 09, 2024	Dec 10, 2024	Dec 11, 2024
AQI Category	Poor	Very Poor	Poor

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 09, 2024	08-12	06	11	N	NW
Dec 10, 2024	10-14	08	30	NW	NW
Dec 11, 2024	12-16	08	30	NW	NW

IMD Alert for Tomorrow (09.12.2024):

The air quality is likely to be in Poor category from 08.12.2024 to 09.10.2024. The predominant surface wind is likely to be from East-Southeast direction with speed less than 12 kmph during morning hours. Smog/moderate fog is likely in the morning. The wind speed will upto 12 kmph coming from north direction during afternoon. It will decrease thereafter becoming less than 10 kmph from north direction during evening and night. Smog/Moderate fog is likely in the morning, mainly clear sky and smog/shallow fog is likely in the evening/night on 09.12.2024. Ventilation index is likely to be 7600 m²/s.



Delhi Temperature in (°C)*		
Date	Minimum	Maximum
05-12-2024	8.5	28.0
06-12-2024	8.5	25.1
07-12-2024	7.1	25.1
08-12-2024	7.4	25.4

* Source – IMD (08:30 hrs.)

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Shadipur, Delhi - CPCB	377	Very Poor	PM _{2.5}
	Anand Vihar, Delhi - DPCC	374	Very Poor	PM ₁₀
	Nehru Nagar, Delhi - DPCC	371	Very Poor	PM _{2.5}
	Wazirpur, Delhi - DPCC	370	Very Poor	PM ₁₀
	Mundka, Delhi - DPCC	369	Very Poor	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	177	Moderate	PM _{2.5}
	Sector 11, Faridabad - HSPCB	173	Moderate	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	274	Poor	PM ₁₀
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	278	Poor	PM _{2.5}
	Loni, Ghaziabad - UPPCB	255	Poor	PM _{2.5}
	Vasundhara, Ghaziabad - UPPCB	235	Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	252	Poor	PM _{2.5}
Noida	Sector - 125, Noida - UPPCB	271	Poor	PM _{2.5}
	Sector-116, Noida - UPPCB	245	Poor	PM _{2.5}
	Sector - 62, Noida - IMD	238	Poor	PM _{2.5}