



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 20, 2024



## Current Air Quality Status:

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

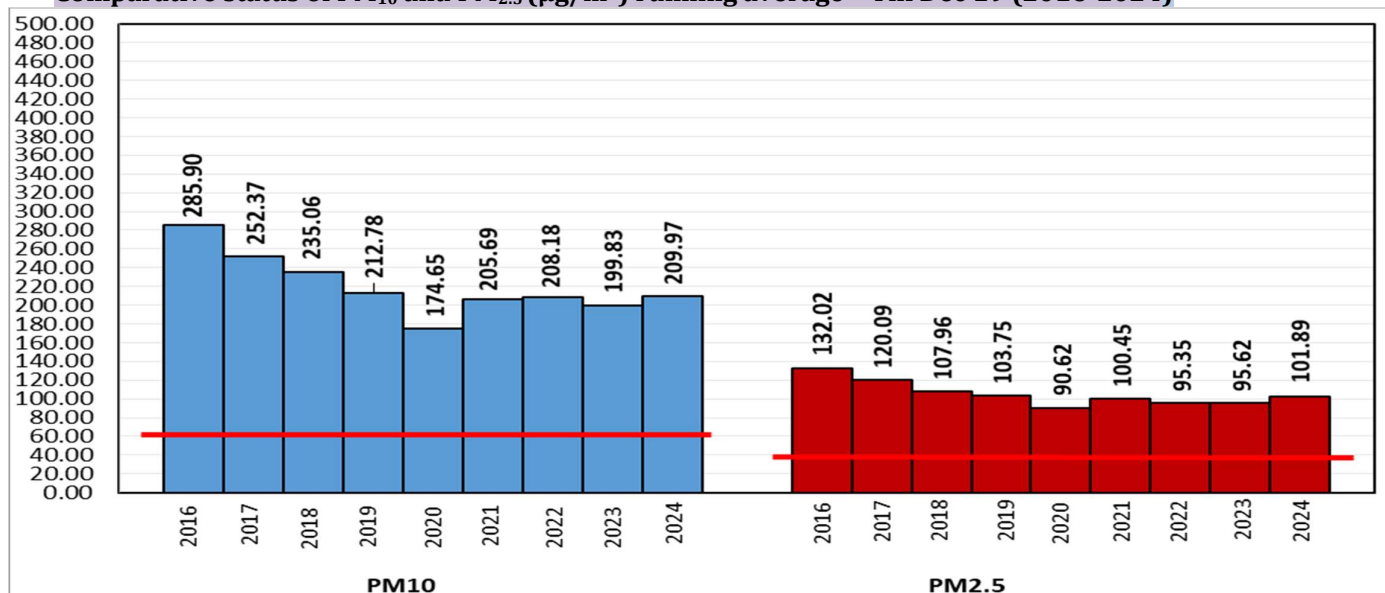
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Severe	429↓	PM <sub>2.5</sub>	Poor	285↓	PM <sub>2.5</sub>	Very Poor	366↓	PM <sub>2.5</sub>
Faridabad	Poor	253↓	PM <sub>10</sub> , PM <sub>2.5</sub>	Poor	228↑	PM <sub>2.5</sub>	Very Poor	340↓	PM <sub>10</sub> , PM <sub>2.5</sub>
Ghaziabad	Very Poor	315↓	PM <sub>2.5</sub>	Poor	236↑	PM <sub>2.5</sub>	Very Poor	333↓	PM <sub>2.5</sub>
Greater Noida	Poor	265↓	PM <sub>2.5</sub>	Poor	241↑	PM <sub>2.5</sub>	Very Poor	392↓	PM <sub>2.5</sub>
Gurugram	Very Poor	335↓	PM <sub>10</sub> , PM <sub>2.5</sub>	Moderate	184↓	PM <sub>2.5</sub>	Very Poor	364↓	PM <sub>2.5</sub>
Noida	Very Poor	330↓	PM <sub>2.5</sub>	Poor	208↑	PM <sub>2.5</sub>	Very Poor	324↓	PM <sub>2.5</sub>

\*Data available for 36(2024), 36(2023), 37(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 20 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	343	354	354	354	355	354	354	354	355									
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	151	159	182	227	197	163	206	207
Moderate (101–200)		87	104	106	122	127	124	95	145	141									
Poor (201–300)		119	114	114	102	72	76	130	77	68									
Very Poor (301–400)		89	81	65	50	44	63	55	59	65	233	203	195	172	128	157	191	148	148
Severe (>401)		25	8	16	20	12	18	6	12	15									

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average - Till Dec 19 (2016-2024)



\*Red line shows the annual average concentration standards for PM<sub>10</sub> and PM<sub>2.5</sub>.

### Daily Average of Particulates in Delhi (24 hourly average value; from 06:00am of 19.12.24 to 06:00 am of 20.12.24)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
19-Dec-2024	337↓	489↓

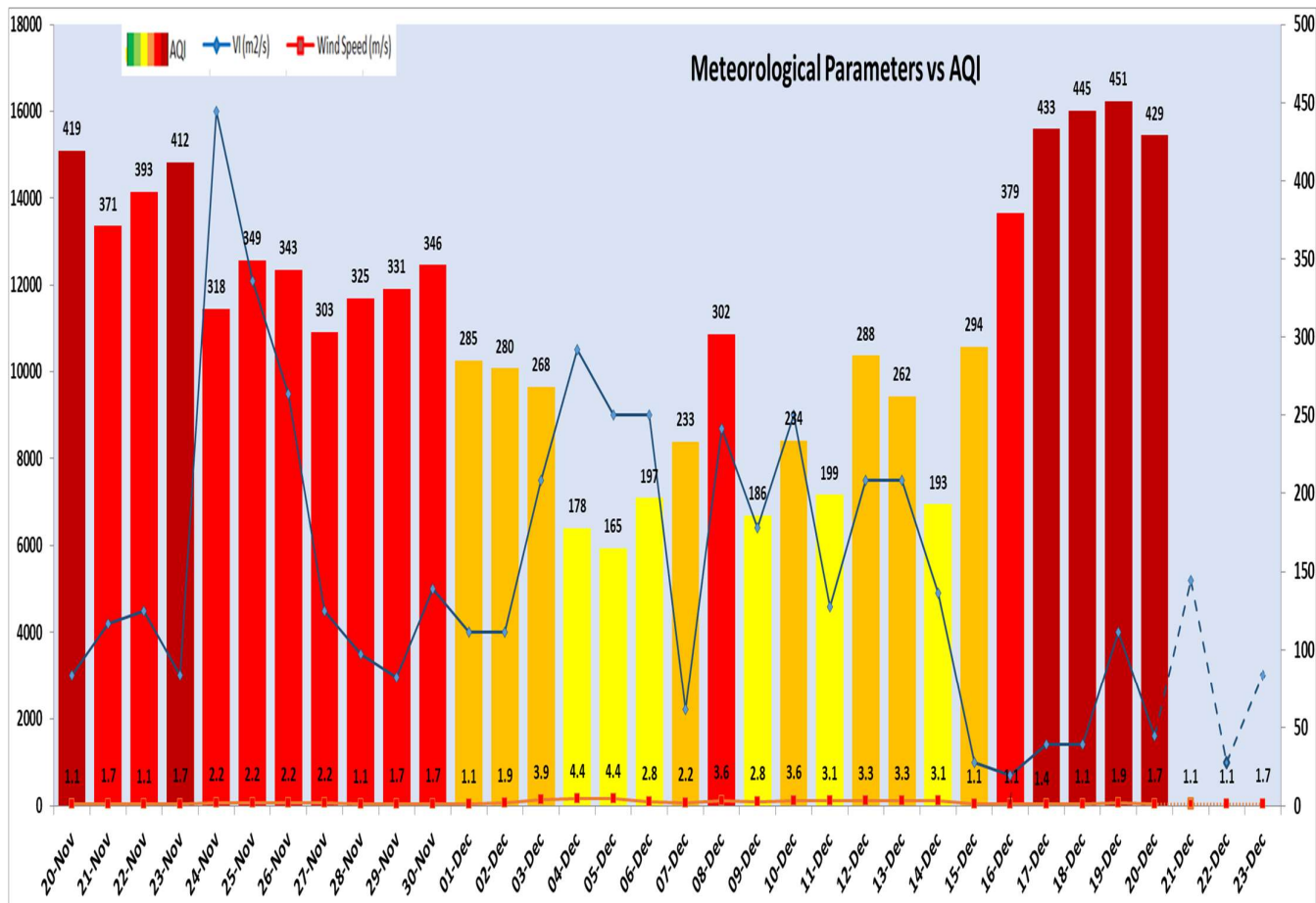
Hotspots for Today:		*Details given below	
Delhi	Mundka, R K Puram, Wazirpur, Nehru Nagar, Anand Vihar, Okhla Phase-2, Sirifort	Ghaziabad	Indirapuram, Loni
Faridabad	Sector 11, New Industrial Town	Greater Noida	Knowledge Park - V
Gurugram	Vikas Sadan, NISE Gwal Pahari	Noida	Sector - 62

Forecast by IITM(Delhi):			
	Dec 21, 2024	Dec 22, 2024	Dec 23, 2024
AQI Category	Very Poor	Severe	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 21, 2024	02-06	06	15	NW/N	NW
Dec 22, 2024	02-06	02	04	VAR	SE
Dec 23, 2024	04-08	04	07	VAR	N

#### IMD Alert for Tomorrow (21.12.2024):

The air quality is likely to be in Very Poor category on 21.12.2024. The predominant surface wind is likely to be from northwest direction with speed less than 04 kmph during morning hours. Smog/moderate to dense fog is likely in the morning. The wind speed will increase thereafter becoming less than 06 kmph from northwest direction during afternoon. It will decrease thereafter becoming less than 04 kmph from northeast direction during evening and night. Smog/shallow fog is likely in the evening/night and mainly clear sky on 21.12.2024. Ventilation index is likely to be 5200 m<sup>2</sup>/s.



Delhi Temperature in (°C)*		
Date	Minimum	Maximum
17-12-2024	5.9	24.5
18-12-2024	7.6	24.4
19-12-2024	5.0	23.0
20-12-2024	7.5	23.0

\* Source – IMD (08:30 hrs.)

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Mundka, Delhi - DPCC	467	Severe	PM <sub>2.5</sub>
	R K Puram, Delhi - DPCC	460	Severe	PM <sub>2.5</sub>
	Wazirpur, Delhi - DPCC	458	Severe	PM <sub>2.5</sub>
	Nehru Nagar, Delhi - DPCC	456	Severe	PM <sub>2.5</sub>
	Anand Vihar, Delhi - DPCC	455	Severe	PM <sub>2.5</sub>
	Okhla Phase-2, Delhi - DPCC	455	Severe	PM <sub>2.5</sub>
	Sirifort, Delhi - CPCB	455	Severe	PM <sub>2.5</sub>
Faridabad	Sector 11, Faridabad - HSPCB	341	Very Poor	PM <sub>2.5</sub>
	New Industrial Town, Faridabad - HSPCB	304	Very Poor	PM <sub>2.5</sub>
Gurugram	Vikas Sadan, Gurugram - HSPCB	381	Very Poor	PM <sub>10</sub>
	NISE Gwal Pahari, Gurugram - IMD	351	Very Poor	PM <sub>2.5</sub>
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	376	Very Poor	PM <sub>2.5</sub>
	Loni, Ghaziabad - UPPCB	334	Very Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	280	Poor	PM <sub>2.5</sub>
Noida	Sector - 62, Noida - IMD	366	Very Poor	PM <sub>2.5</sub>