



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 15, 2024



## Current Air Quality Status:

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

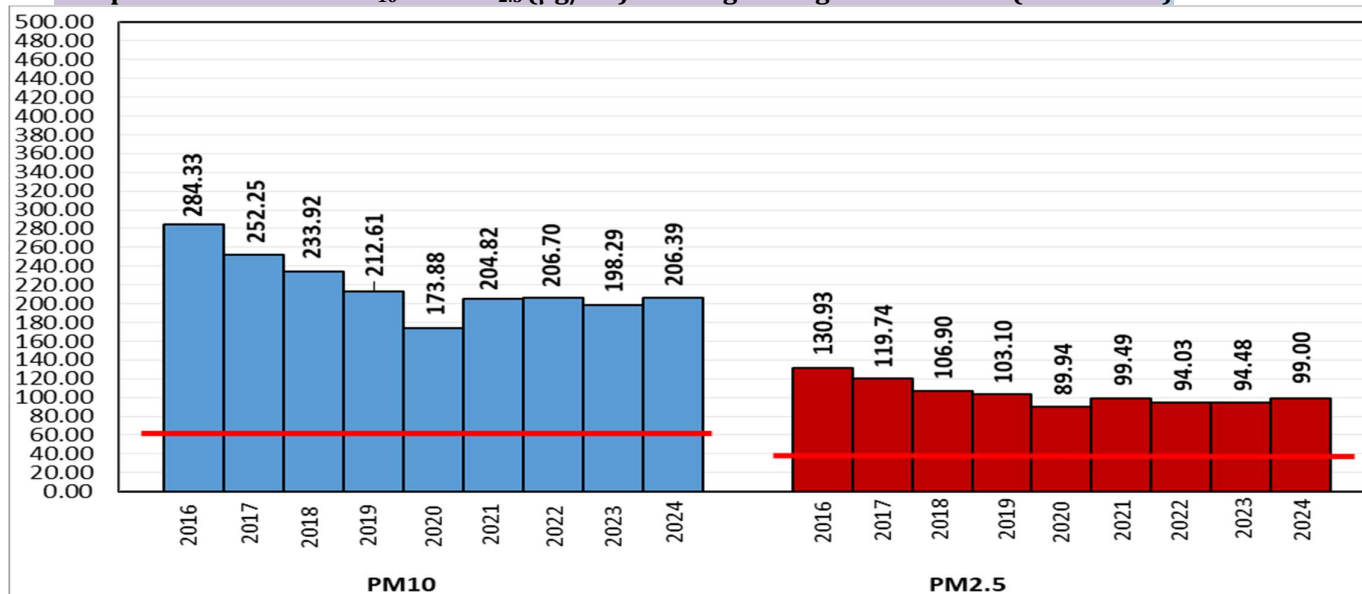
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	294↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Very Poor	323↓	PM <sub>10</sub> , PM <sub>2.5</sub>	Moderate	189↑	PM <sub>2.5</sub>
Faridabad	Moderate	143↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Poor	297↑	PM <sub>2.5</sub>	Moderate	191↑	PM <sub>2.5</sub>
Ghaziabad	Poor	224↑	PM <sub>2.5</sub>	Poor	294↑	PM <sub>10</sub> , PM <sub>2.5</sub>	Moderate	150↑	PM <sub>10</sub>
Greater Noida	Poor	262↑	PM <sub>2.5</sub>	Poor	294↑	PM <sub>2.5</sub>	Moderate	171↑	PM <sub>10</sub>
Gurugram	Poor	239↑	PM <sub>2.5</sub>	Poor	274↓	PM <sub>2.5</sub>	Poor	228↑	PM <sub>2.5</sub>
Noida	Poor	213↑	PM <sub>2.5</sub>	Poor	299↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Moderate	137↑	PM <sub>2.5</sub>

\*Data available for 35(2024), 35(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 15 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	338	349	349	349	350	349	349	349	350									
Good (0–50)		0	2	0	2	5	1	3	1	0	110	150	158	179	227	197	163	206	207
Satisfactory (51–100)		23	45	53	58	95	72	65	60	66									
Moderate (101–200)		87	103	105	119	127	124	95	145	141									
Poor (201–300)		119	110	111	100	68	74	129	75	68	228	199	191	170	123	152	186	143	143
Very Poor (301–400)		84	81	64	50	43	60	52	56	64									
Severe (>401)		25	8	16	20	12	18	5	12	11									

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average - Till Dec 14 (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 14.12.24 to 06:00 am of 15.12.24)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
14-Dec-2024	122↑	235↑

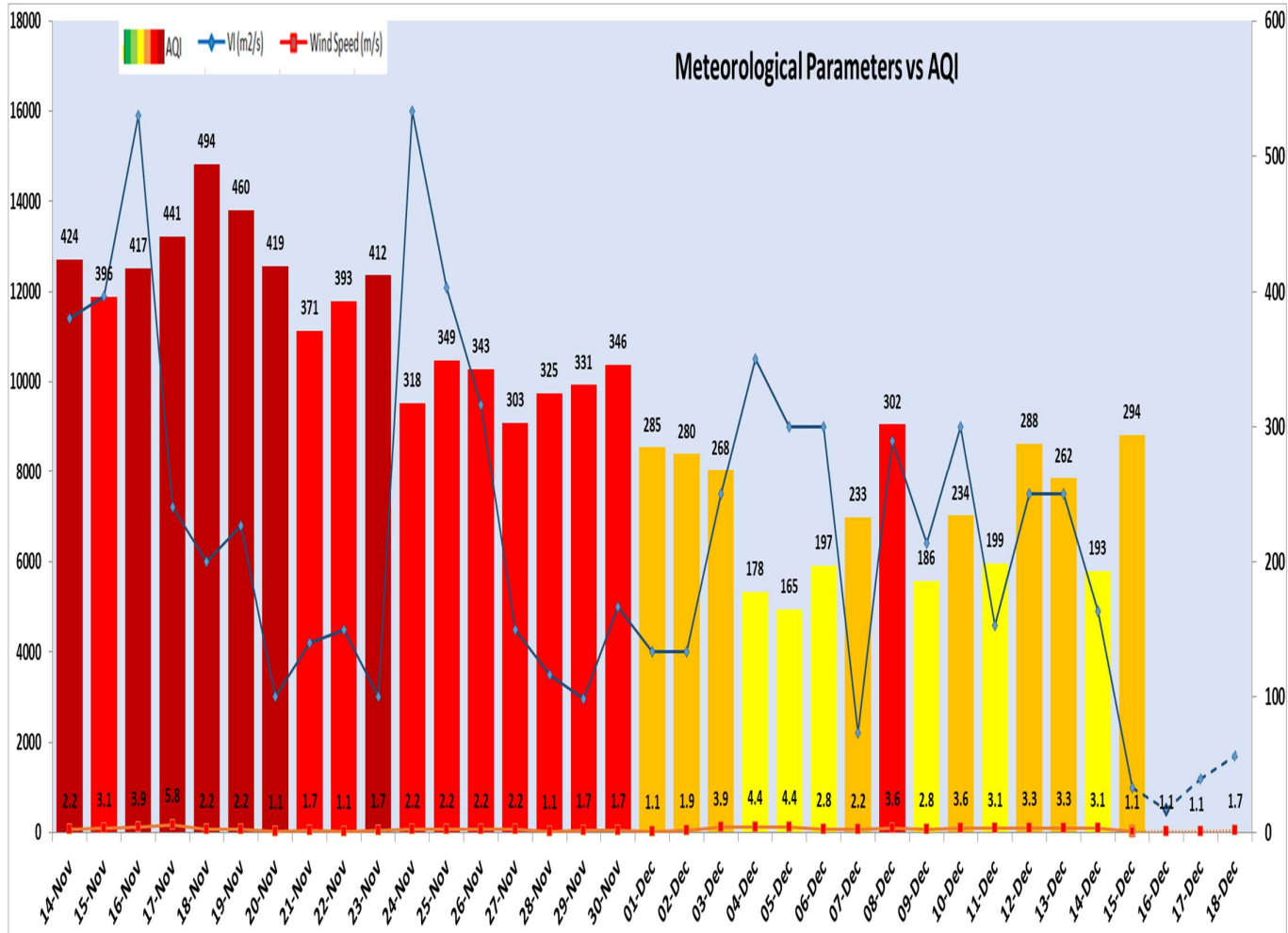
Hotspots for Today:			*Details given below
Delhi	Mundka, Nehru Nagar, Jahangirpuri, Burari Crossing, Bawana	Ghaziabad	Sanjay Nagar, Indirapuram
Faridabad	Sector 11, New Industrial Town	Greater Noida	Knowledge Park - V
Gurugram	Teri Gram	Noida	Sector -116, Sector - 62

Forecast by IITM(Delhi):			
	Dec 16, 2024	Dec 17, 2024	Dec 18, 2024
AQI Category	Very Poor	Very 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 16, 2024	02-06	01	04	NE	NW
Dec 17, 2024	02-06	05	08	SE	W
Dec 18, 2024	04-08	05	06	NW	W

#### IMD Alert for Tomorrow (16.12.2024):

The air quality is likely to be in Very Poor category from 16.12.2024 to 18.12.2024. The predominant surface wind is likely to be coming from northeast direction with speed less than 04 kmph during morning hours. The wind speed will increase thereafter becoming less than 06 kmph coming from northeast direction during afternoon. It will decrease thereafter becoming less than 04 kmph coming from southeast direction during evening and night. Smog/shallow to moderate fog is likely in the morning, mainly clear sky and smog/mist is likely in the evening/night on 16.12.2024. Ventilation index is likely to be 500 m<sup>2</sup>/s.



Delhi Temperature in (°C)*		
Date	Minimum	Maximum
12-12-2024	4.5	23.0
13-12-2024	9.0	22.2
14-12-2024	8.0	22.8
15-12-2024	4.9	23.4

\* Source – IMD (08:30 hrs.)

*Hotspots for Today				
City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Mundka, Delhi - DPCC	360	Very Poor	PM <sub>10</sub>
	Nehru Nagar, Delhi - DPCC	356	Very Poor	PM <sub>2.5</sub>
	Jahangirpuri, Delhi - DPCC	348	Very Poor	PM <sub>2.5</sub>
	Burari Crossing, Delhi - IMD	345	Very Poor	PM <sub>2.5</sub>
	Bawana, Delhi - DPCC	342	Very Poor	PM <sub>2.5</sub>
Faridabad	Sector 11, Faridabad - HSPCB	220	Poor	PM <sub>2.5</sub>
	New Industrial Town, Faridabad - HSPCB	147	Moderate	PM <sub>2.5</sub>
Gurugram	Teri Gram, Gurugram - HSPCB	264	Poor	PM <sub>2.5</sub>
Ghaziabad	Sanjay Nagar, Ghaziabad - UPPCB	263	Poor	PM <sub>2.5</sub>
	Indirapuram, Ghaziabad - UPPCB	241	Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	295	Poor	PM <sub>2.5</sub>
Noida	Sector-116, Noida - UPPCB	272	Poor	PM <sub>2.5</sub>
	Sector - 62, Noida - IMD	264	Poor	PM <sub>2.5</sub>