



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – May 22, 2024



## Current Air Quality Status:

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

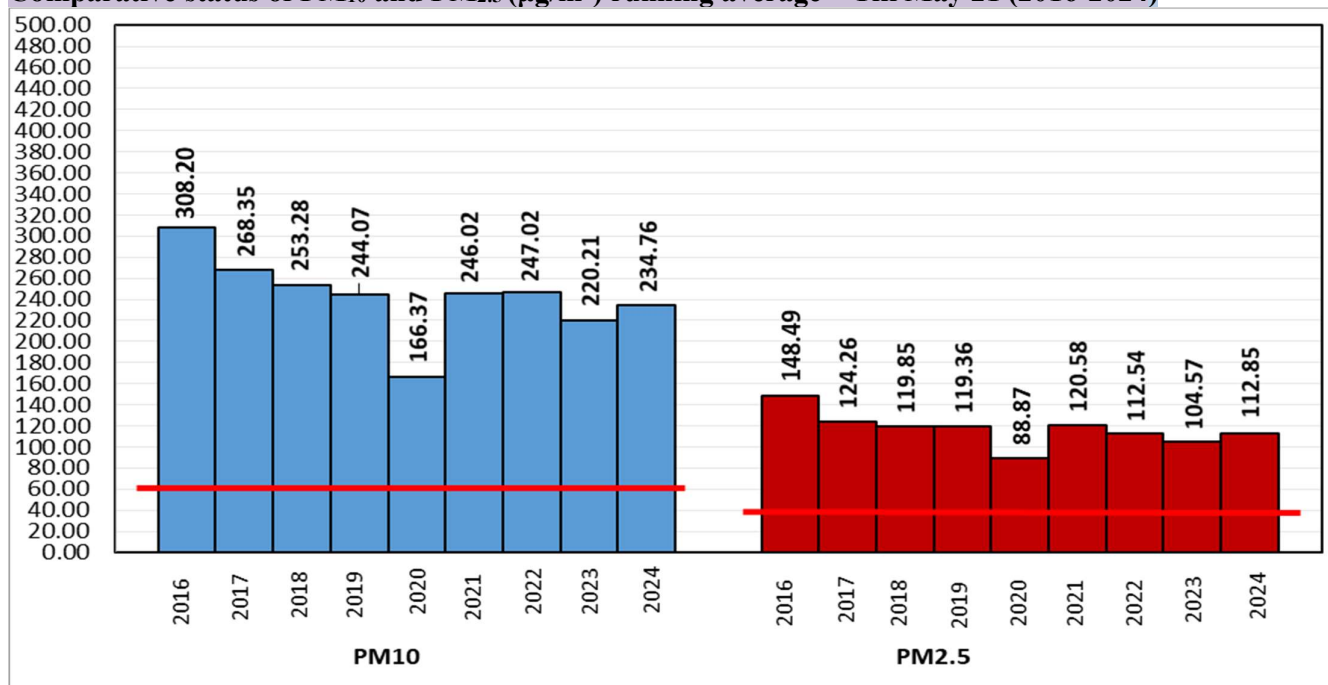
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	193↓	PM <sub>10</sub> , PM <sub>2.5</sub> , O <sub>3</sub>	Moderate	199↓	PM <sub>2.5</sub> , PM <sub>10</sub>	Poor	203↓	PM <sub>2.5</sub> , PM <sub>10</sub> , O <sub>3</sub>
Faridabad	Moderate	192↓	PM <sub>2.5</sub>	Moderate	146↓	PM <sub>10</sub> , PM <sub>2.5</sub>	Poor	203↓	PM <sub>2.5</sub> , PM <sub>10</sub>
Ghaziabad	Moderate	154↓	PM <sub>10</sub>	Moderate	194↓	PM <sub>10</sub>	Poor	205↓	PM <sub>10</sub> , O <sub>3</sub>
Greater Noida	Poor	259↓	PM <sub>10</sub>	Poor	244↑	PM <sub>10</sub>	Poor	212	PM <sub>10</sub> , O <sub>3</sub>
Gurugram	Poor	205↓	PM <sub>10</sub> , PM <sub>2.5</sub>	Poor	267↑	PM <sub>2.5</sub>	Moderate	163↓	PM <sub>10</sub>
Noida	Poor	210↓	PM <sub>10</sub>	Poor	256↑	PM <sub>10</sub>	Poor	209↓	PM <sub>10</sub>

\*Data available for 35(2024), 37(2023), 34(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 22 May 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	139	142	142	142	143	142	142	142	143	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Good (0-50)		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Satisfactory (51-100)		0	0	1	2	27	5	3	5	0	12	32	42	53	89	51	33	65	70	
Moderate (101-200)		12	32	41	51	61	46	30	60	70										
Poor (201-300)		71	75	70	56	37	52	90	53	38										
Very Poor (301-400)		50	35	27	26	15	33	18	21	32	127	110	100	89	54	91	109	77	73	
Severe (>401)		6	0	3	7	2	6	1	3	3										

### Comparative status of PM<sub>10</sub> and PM<sub>2.5</sub> (µg/m<sup>3</sup>) running average – Till May 21 (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 21.05.24 to 06:00 am of 22.05.24)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
21- May -2024	76↓	256↓

Hotspots for Today:

*\*Details given below*

Delhi	Nehru Nagar, Chandni Chowk, Shadipur, Narela, Bawana	Ghaziabad	Indirapuram, Loni
Faridabad	New Industrial Town	Greater Noida	Knowledge Park - V
Gurugram	Teri Gram, Sector-51	Noida	Sector - 125, Sector-116

▪ **Forecast by IITM(Delhi):**

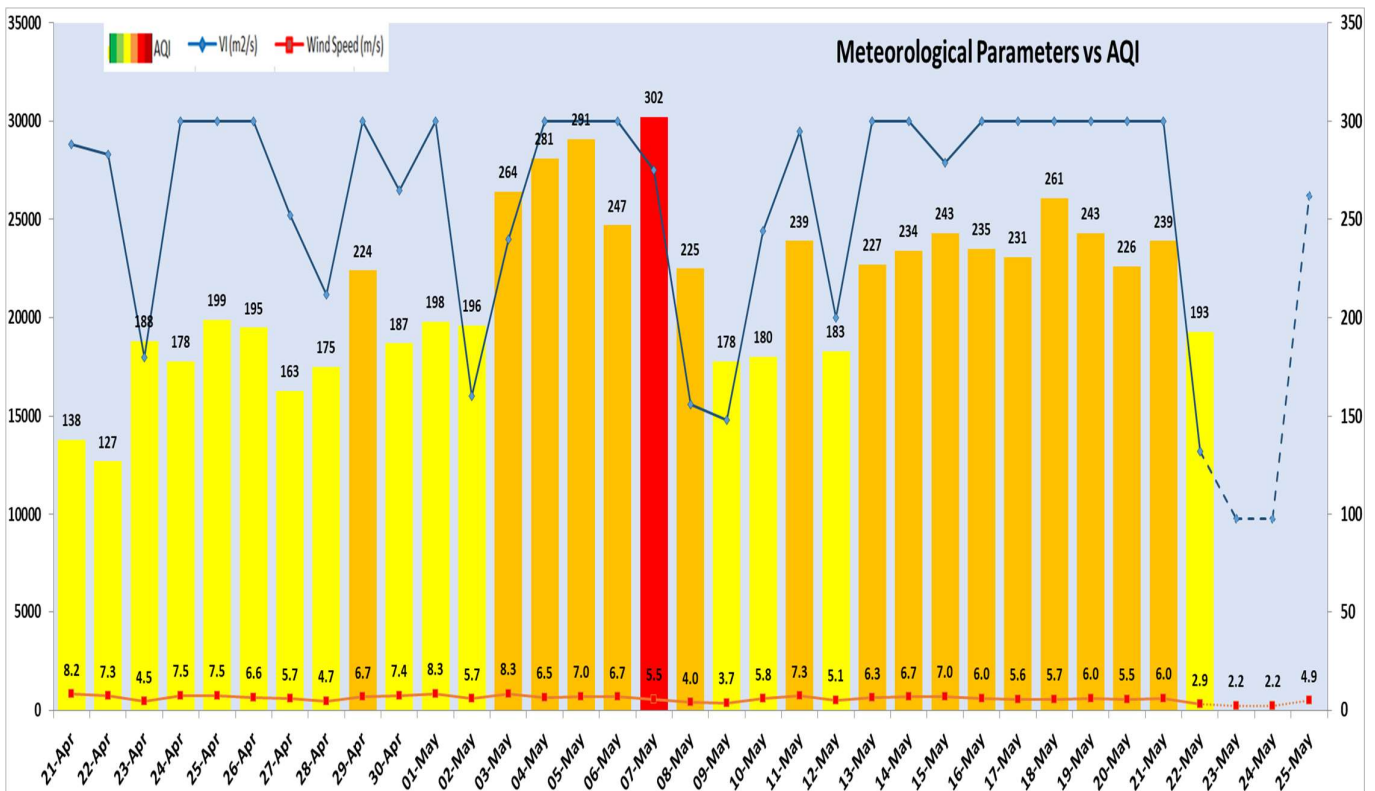
	May 23, 2024	May 24, 2024	May 25, 2024
<b>AQI Category</b>	Poor	Poor	Poor

▪ **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
May 23, 2024	10-15	5	9	SE	NW
May 24, 2024	06-16	13	17	SE/NE	NW
May 25, 2024	15-20	19	33	VAR	NW

▪ **IMD Alert for Tomorrow (23.05.2024):**

The air quality is likely to be in Poor category from 23.05.2024 to 25.05.2024. The predominant surface wind is likely to be coming from Southeast directions in Delhi with wind speed 10-15 kmph, mainly clear sky, heat wave conditions at a few places and strong surface winds (speed 25-35 kmph) occasionally gusty during the day on 23.05.2024. Ventilation index is likely to be 9800 m<sup>2</sup>/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
19-05-2024	28.2	43.7
20-05-2024	29.2	44.4
21-05-2024	30.7	44.1
22-05-2024	30.9	42.4

▪ **\*Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Nehru Nagar, Delhi - DPCC	254	Poor	Ozone
	Chandni Chowk, Delhi - IITM	248	Poor	PM <sub>2.5</sub>
	Shadipur, Delhi - CPCB	245	Poor	PM <sub>10</sub>
	Narela, Delhi - DPCC	242	Poor	PM <sub>10</sub>
	Bawana, Delhi - DPCC	241	Poor	PM <sub>10</sub>
Faridabad	New Industrial Town, Faridabad - HSPCB	317	Very Poor	PM <sub>2.5</sub>
Gurugram	Teri Gram, Gurugram - HSPCB	309	Very Poor	PM <sub>2.5</sub>
	Sector-51, Gurugram - HSPCB	231	Poor	PM <sub>10</sub>
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	193	Moderate	PM <sub>10</sub>
	Loni, Ghaziabad - UPPCB	160	Moderate	PM <sub>10</sub>
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	325	Very Poor	PM <sub>10</sub>
Noida	Sector - 125, Noida - UPPCB	272	Poor	PM <sub>10</sub>
	Sector-116, Noida - UPPCB	226	Poor	PM <sub>10</sub>