



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – September 22, 2024



## Current Air Quality Status:

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

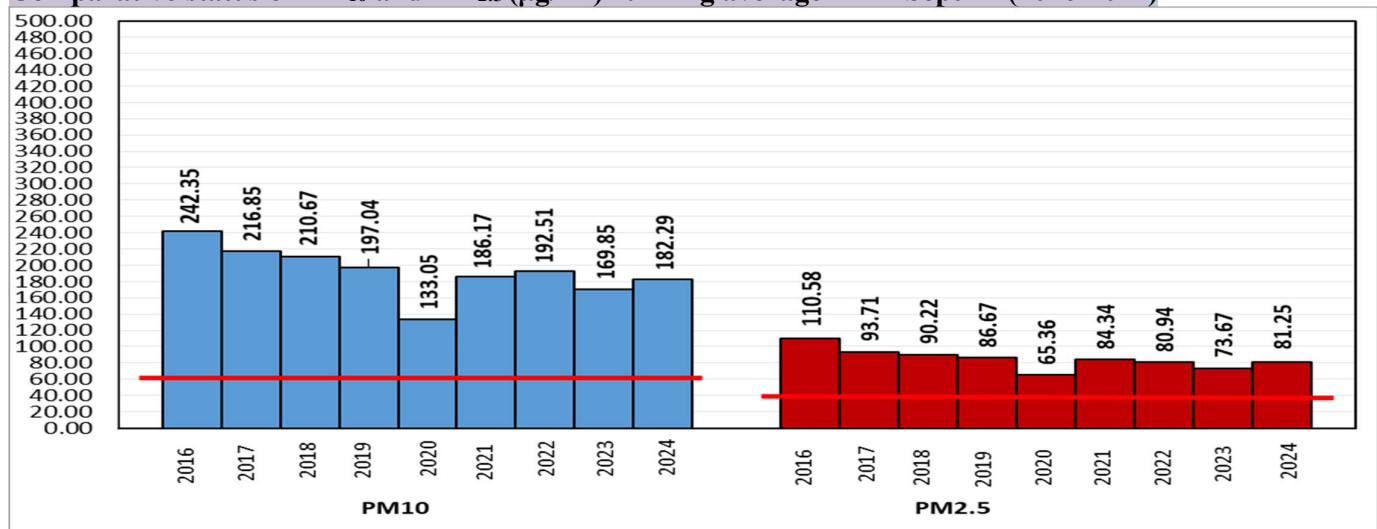
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	164↑	O <sub>3</sub> , PM <sub>10</sub>	Moderate	103↓	PM <sub>10</sub> , CO	Satisfactory	66↓	PM <sub>10</sub> , PM <sub>2.5</sub> , O <sub>3</sub>
Faridabad	Satisfactory	96↑	PM <sub>10</sub> , PM <sub>2.5</sub>	Moderate	110↑	PM <sub>10</sub> , PM <sub>2.5</sub>	Satisfactory	66↓	PM <sub>10</sub> , PM <sub>2.5</sub>
Ghaziabad	Moderate	192↑	PM <sub>10</sub> , PM <sub>2.5</sub>	Moderate	102↓	PM <sub>10</sub>	Good	49↓	PM <sub>10</sub> , CO
Greater Noida	Moderate	199↑	PM <sub>10</sub> , PM <sub>2.5</sub>	Moderate	171↓	PM <sub>10</sub> , O <sub>3</sub>	Satisfactory	51↓	PM <sub>10</sub> , CO
Gurugram	Moderate	124↑	PM <sub>2.5</sub>	Moderate	138↓	PM <sub>2.5</sub>	Satisfactory	96↓	O <sub>3</sub>
Noida	Moderate	184↑	O <sub>3</sub> , PM <sub>10</sub> , PM <sub>2.5</sub>	Satisfactory	99↓	PM <sub>10</sub>	Satisfactory	66↓	PM <sub>10</sub>

\*Data available for 38(2024), 36(2023), 32(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 Sept 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	254	265	265	265	266	265	265	265	266										
Good (0-50)		0	2	0	2	5	0	1	1	0										
Satisfactory (51-100)		23	44	50	46	94	63	57	59	62	100	138	144	157	210	166	138	185	181	
Moderate (101-200)		77	92	94	109	111	103	80	125	119										
Poor (201-300)		94	91	87	74	39	59	105	56	49										
Very Poor (301-400)		54	36	28	27	15	34	21	21	33	154	127	121	108	56	99	127	80	85	
Severe (>401)		6	0	6	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 Sept 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 21.09.24 to 06:00 am of 22.09.24)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
21- Sept -2024	62↑	148↑

**Hotspots for Today:**

*\*Details given below*

Delhi	Anand Vihar, North Campus, Mundka, New Moti Bagh, IGI Airport (T3)	Ghaziabad	Loni
Faridabad	New Industrial Town	Greater Noida	Knowledge Park - III
Gurugram	Sector-51, Teri Gram	Noida	Sector-125, Sector-116

**Forecast by IITM(Delhi):**

	Sept 23, 2024	Sept 24, 2024	Sept 25, 2024
<b>AQI Category</b>	Moderate	Moderate	Moderate

**Wind Forecast for Delhi:**

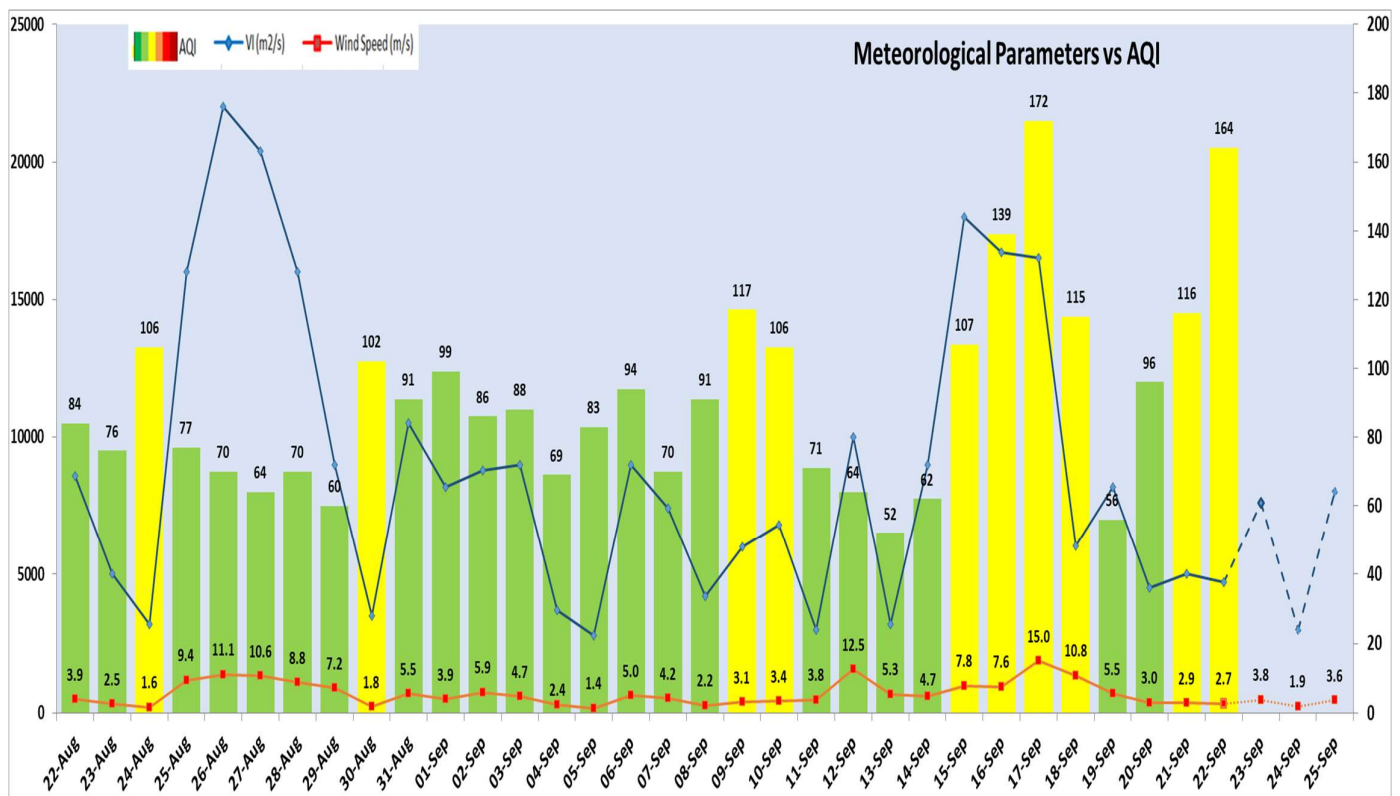
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Sept 23, 2024	06 TO 12	05	13	NE	NW
Sept 24, 2024	06 TO 12	01	03	SE	N
Sept 25, 2024	12 TO 20	07	10	SE	E

**IMD Alert for Tomorrow (23.09.2024):**

The air quality is likely to remain in Moderate category from 23.09.2024 to 25.09.2024. The predominant surface wind is likely to be coming from Northeast directions in Delhi with wind speed 06-12 kmph and partly cloudy sky on 23.09.2024. Ventilation index is likely to be 7600 m<sup>2</sup>/s.

**Active Fire Events (AFE):**

Date	Punjab		Haryana	
	No. of AFE on the day	Total AFE since September 15	No. of AFE on the day	Total AFE since September 15
21.09.2024	21	52	13	16
21.09.2023	1	7	2	7
21.09.2022	56	106	0	1



Delhi Temperature in (°C)		
Date	Minimum	Maximum
19-09-2024	21.1	29.6
20-09-2024	23.6	32.0
21-09-2024	25.0	34.7
22-09-2024	25.4	35.6

▪ **\*Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	413	Severe	PM <sub>10</sub>
	North Campus, DU, Delhi - IMD	332	Very Poor	Ozone
	Mundka, Delhi - DPCC	249	Poor	PM <sub>10</sub>
	New Moti Bagh, Delhi - MHUA	247	Poor	PM <sub>2.5</sub>
	IGI Airport (T3), Delhi - IMD	211	Poor	PM <sub>10</sub>
Faridabad	New Industrial Town, Faridabad - HSPCB	134	Moderate	PM <sub>10</sub>
Gurugram	Sector-51, Gurugram - HSPCB	178	Moderate	PM <sub>2.5</sub>
	Teri Gram, Gurugram - HSPCB	130	Moderate	PM <sub>2.5</sub>
Ghaziabad	Loni, Ghaziabad - UPPCB	247	Poor	PM <sub>2.5</sub>
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	225	Poor	PM <sub>10</sub>
Noida	Sector - 125, Noida - UPPCB	272	Poor	PM <sub>10</sub>
	Sector-116, Noida - UPPCB	224	Poor	Ozone