



# Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – September 19, 2024



## Current Air Quality Status:

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

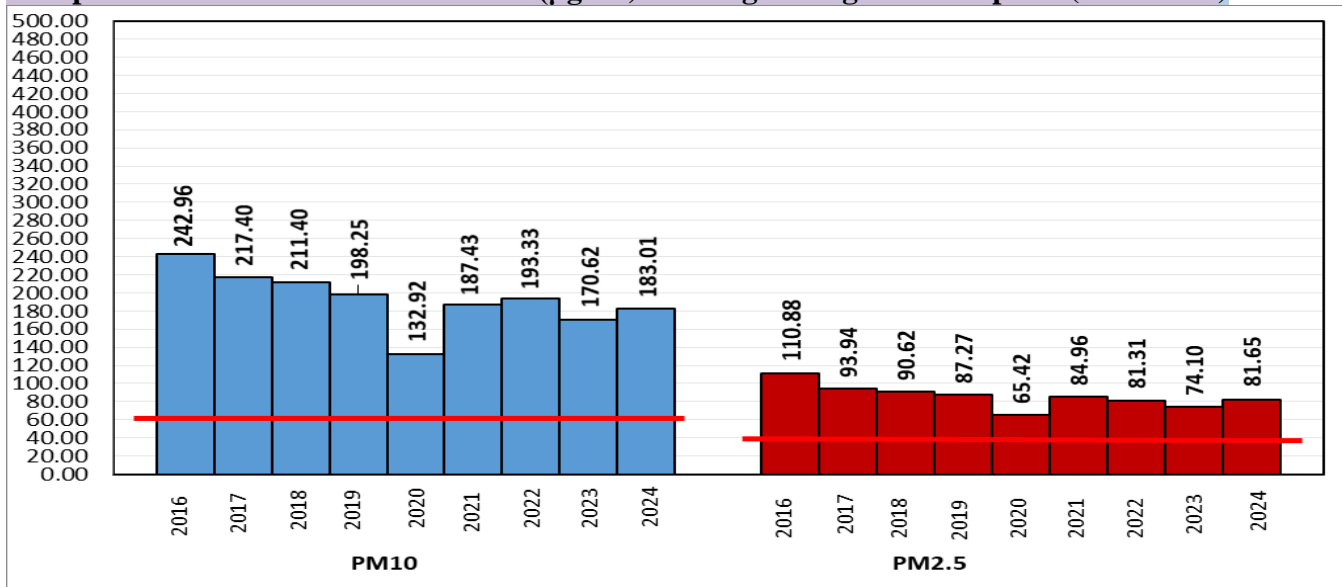
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Satisfactory	56↓	NO <sub>2</sub> , O <sub>3</sub> , CO	Moderate	121↑	PM <sub>2.5</sub> , PM <sub>10</sub>	Poor	228↑	PM <sub>10</sub> , PM <sub>2.5</sub>
Faridabad	Satisfactory	52↓	PM <sub>2.5</sub> , PM <sub>10</sub>	Moderate	138↑	PM <sub>2.5</sub>	Very Poor	304↑	PM <sub>10</sub> , O <sub>3</sub>
Ghaziabad	Good	45↓	CO, PM <sub>10</sub>	Moderate	119↑	PM <sub>10</sub> , O <sub>3</sub>	Poor	276↑	PM <sub>10</sub>
Greater Noida	Good	50↓	CO	Moderate	166↓	PM <sub>10</sub>	Poor	237↑	PM <sub>10</sub>
Gurugram	Satisfactory	74↓	O <sub>3</sub> , PM <sub>2.5</sub>	Moderate	144↓	PM <sub>10</sub> , PM <sub>2.5</sub>	Moderate	186↑	PM <sub>2.5</sub> , PM <sub>10</sub>
Noida	Satisfactory	54↓	O <sub>3</sub> , CO	Moderate	136↑	O <sub>3</sub> , PM <sub>10</sub>	Poor	269↑	PM <sub>10</sub> , PM <sub>2.5</sub>

\*Data available for 35(2024), 34(2023), 29(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 19 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	251	262	262	262	263	262	262	262	263	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Good (0-50)		0	2	0	2	5	0	1	1	0										
Satisfactory (51-100)		23	44	50	45	94	60	56	58	61	97	135	141	154	207	163	135	182	178	
Moderate (101-200)		74	89	91	107	108	103	78	123	117										
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 18 (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 18.09.24 to 06:00 am of 19.09.24)

Date ↓ / parameter →	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )
18- Sept -2024	32↓	64↓

Hotspots for Today: \*Details given below

Delhi	Lodhi Road, Anand Vihar, Nehru Nagar, Shadipur, Vivek Vihar	Ghaziabad	Loni, Indirapuram
Faridabad	Sector 11, Sector 30	Greater Noida	Knowledge Park - V
Gurugram	Sector-51, Vikas Sadan	Noida	Sector-1

Forecast by IITM(Delhi):

	Sept 20, 2024	Sept 21, 2024	Sept 22, 2024
<b>AQI Category</b>	Satisfactory	Moderate	Moderate

Wind Forecast for Delhi:

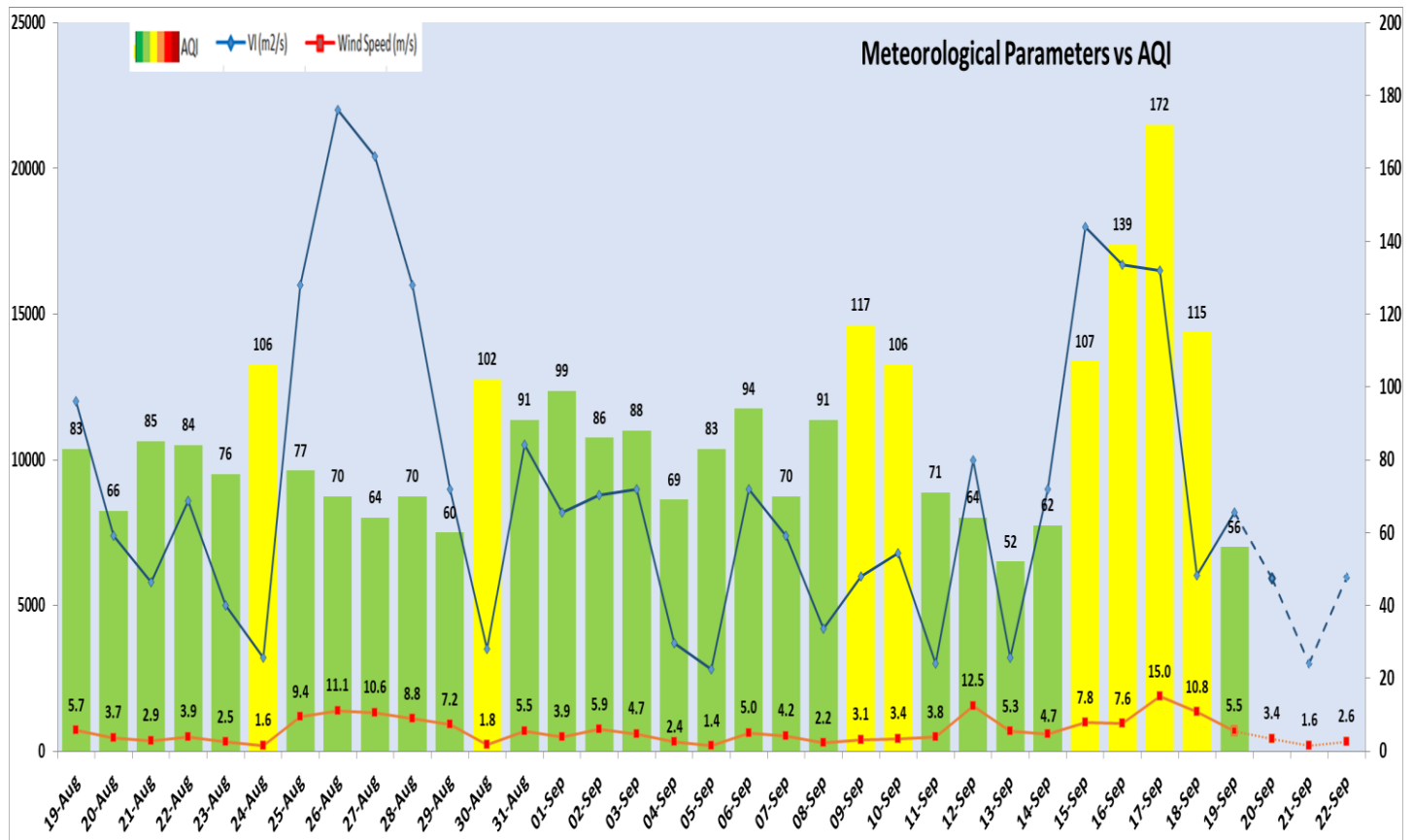
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Sept 20, 2024	06-12	04	07	SE	E
Sept 21, 2024	06-12	01	03	SE	N
Sept 22, 2024	06-08	04	10	VAR	NW

IMD Alert for Tomorrow (20.09.2024):

The air quality is likely to be in Satisfactory category on 19.09.2024 and 20.09.2024. The predominant surface wind is likely to be coming from Southeast directions in Delhi with wind speed 12-06 kmph, and partly cloudy sky on 20.09.2024. Ventilation index is likely to be 5920 m<sup>2</sup>/s.

Active Fire Events (AFE):

Date	Punjab		Haryana	
	Nos. on the day	Total since September 15	Nos. on the day	Total since September 15
18.09.2024	2	18	0	2
18.09.2023	0	6	0	2
18.09.2022	7	22	1	1



## Delhi Temperature in (°C)

Date	Minimum	Maximum
16-09-2024	24.2	33.6
17-09-2024	24.4	34.1
18-09-2024	25.1	34.8
19-09-2024	21.1	29.6

### \*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Lodhi Road, Delhi - IITM	94	Satisfactory	NO <sub>2</sub>
	Anand Vihar, Delhi - DPCC	88	Satisfactory	CO
	Nehru Nagar, Delhi - DPCC	82	Satisfactory	Ozone
	Shadipur, Delhi - CPCB	81	Satisfactory	PM <sub>2.5</sub>
	Vivek Vihar, Delhi - DPCC	68	Satisfactory	CO
Faridabad	Sector 11, Faridabad - HSPCB	75	Satisfactory	PM <sub>2.5</sub>
	Sector 30, Faridabad - HSPCB	58	Satisfactory	PM <sub>2.5</sub>
Gurugram	Sector-51, Gurugram - HSPCB	75	Satisfactory	PM <sub>2.5</sub>
	Vikas Sadan, Gurugram - HSPCB	75	Satisfactory	CO
Ghaziabad	Loni, Ghaziabad - UPPCB	57	Satisfactory	CO
	Indirapuram, Ghaziabad - UPPCB	48	Good	CO
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	60	Satisfactory	CO
Noida	Sector-1, Noida - UPPCB	93	Satisfactory	CO