



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – September 29, 2024



Current Air Quality Status:

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

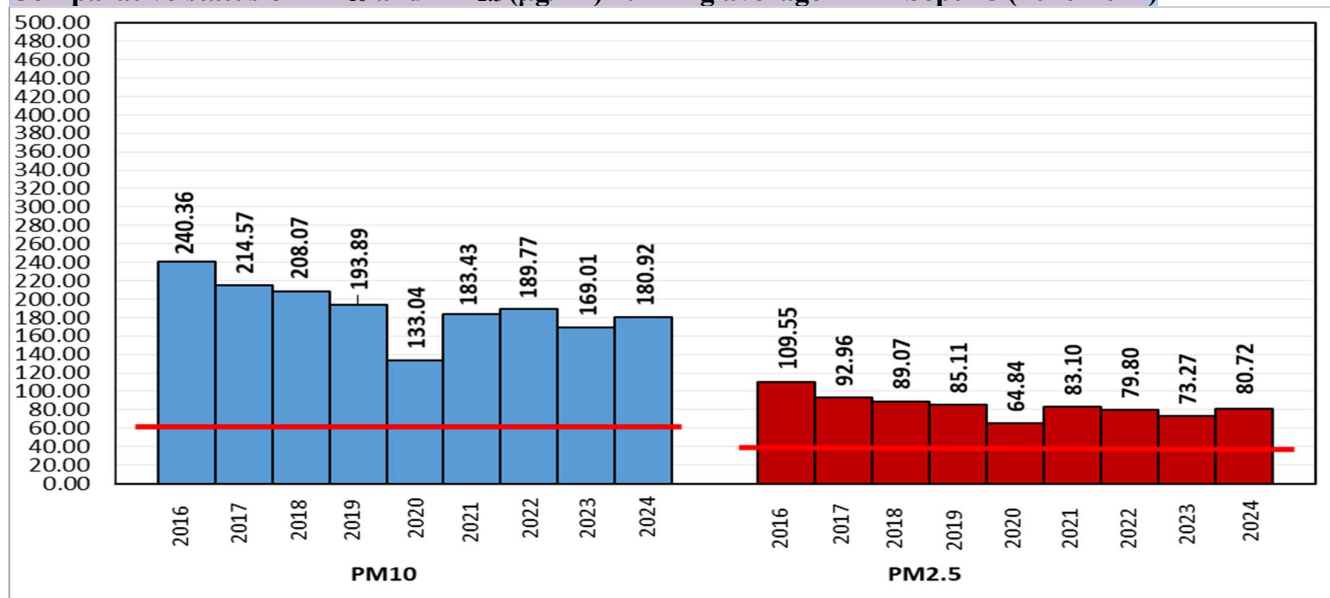
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Satisfactory	76↑	PM ₁₀ , PM _{2.5} , O ₃	Moderate	156↑	PM _{2.5} , O ₃	Moderate	151↑	PM ₁₀ , PM _{2.5}
Faridabad	Satisfactory	62	PM ₁₀ , PM _{2.5}	Moderate	167↑	PM ₁₀ , PM _{2.5}	Moderate	167↑	PM ₁₀
Ghaziabad	Satisfactory	70↑	PM ₁₀ , O ₃	Moderate	172↑	PM ₁₀	Moderate	166↑	PM ₁₀ , PM _{2.5}
Greater Noida	Satisfactory	97↑	PM ₁₀	Poor	284↑	PM ₁₀	Moderate	183↑	PM ₁₀
Gurugram	Satisfactory	78↑	PM _{2.5}	Poor	222↑	PM _{2.5}	Moderate	190↑	PM ₁₀ , PM _{2.5}
Noida	Satisfactory	73↑	PM ₁₀ , NO ₂ , CO	Moderate	170↑	O ₃	Moderate	147↓	PM _{2.5} , PM ₁₀

*Data available for 36(2024), 33(2023), 31(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 29 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	261	272	272	272	273	272	272	272	273										
Good (0-50)		0	2	0	2	5	0	1	1	0										
Satisfactory (51-100)		23	45	53	52	95	68	61	59	66	105	143	151	164	217	173	145	192	187	
Moderate (101-200)		82	96	98	110	117	105	83	132	121										
Poor (201-300)		96	93	87	74	39	59	105	56	50										
Very Poor (301-400)		54	36	28	27	15	34	21	21	33	156	129	121	108	56	99	127	80	86	
Severe (>401)		6	0	6	7	2	6	1	3	3										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till Sept 28 (2016-2024)



*Red line shows the annual average concentration standards for PM₁₀ and PM_{2.5}.

▪ Daily Average of Particulates in Delhi (24 hourly average value; from 06:00am of 28.09.24 to 06:00 am of 29.09.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
28- Sept -2024	26↑	69↑

Hotspots for Today:

*Details given below

Delhi	Nehru Nagar, New Moti Bagh, Mundka, Wazirpur, Aya Nagar	Ghaziabad	Vasundhara, Loni
Faridabad	Sector 11	Greater Noaqida	Knowledge Park - V
Gurugram	Sector-51	Noida	Sector – 1, Sector-125

Forecast by IITM(Delhi):

	Sept 30, 2024	Oct 01, 2024	Oct 02, 2024
AQI Category	Moderate	Moderate	Moderate

Wind Forecast for Delhi:

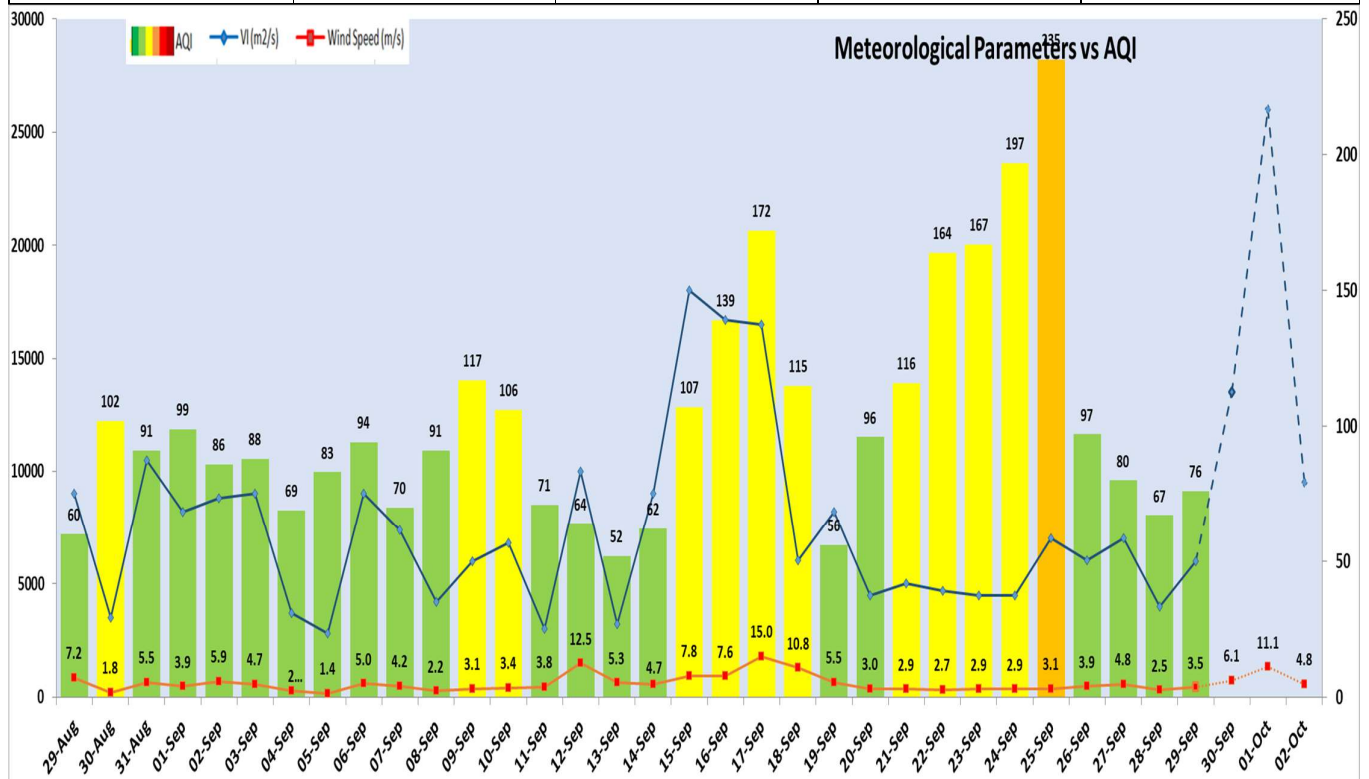
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Sept 30, 2024	04 TO 20	06	23	NW	NW
Oct 01, 2024	08 TO 20	06	32	NW	W
Oct 02, 2024	12 TO 16	06	31	VAR	W

IMD Alert for Tomorrow (30.09.2024):

The air quality is likely to be in Moderate category from 30.09.2024 to 02.10.2024. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 04-20 kmph and partly cloudy sky on 30.09.2024. Ventilation index is likely to be 13500 m²/s.

Active Fire Events (AFEs):

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
28.09.2024	00	98	00	80
28.09.2023	33	65	08	32
28.09.2022	00	139	00	01



Delhi Temperature in (°C)		
Date	Minimum	Maximum
26-09-2024	25.6	37.3
27-09-2024	27.7	35.7
28-09-2024	25.2	34.2
29-09-2024	25.2	33.6

▪ ***Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Nehru Nagar, Delhi - DPCC	145	Moderate	Ozone
	New Moti Bagh, Delhi - MHUA	123	Moderate	PM _{2.5}
	Mundka, Delhi - DPCC	105	Moderate	PM ₁₀
	Wazirpur, Delhi - DPCC	105	Moderate	PM ₁₀
	Aya Nagar, Delhi - IMD	102	Moderate	CO
Faridabad	Sector 11, Faridabad - HSPCB	91	Satisfactory	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	106	Moderate	PM _{2.5}
Ghaziabad	Vasundhara, Ghaziabad - UPPCB	89	Satisfactory	Ozone
	Loni, Ghaziabad - UPPCB	72	Satisfactory	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	97	Satisfactory	PM ₁₀
Noida	Sector-1, Noida - UPPCB	101	Moderate	CO
	Sector - 125, Noida - UPPCB	90	Satisfactory	NO ₂