



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – September 18, 2024



Current Air Quality Status:

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

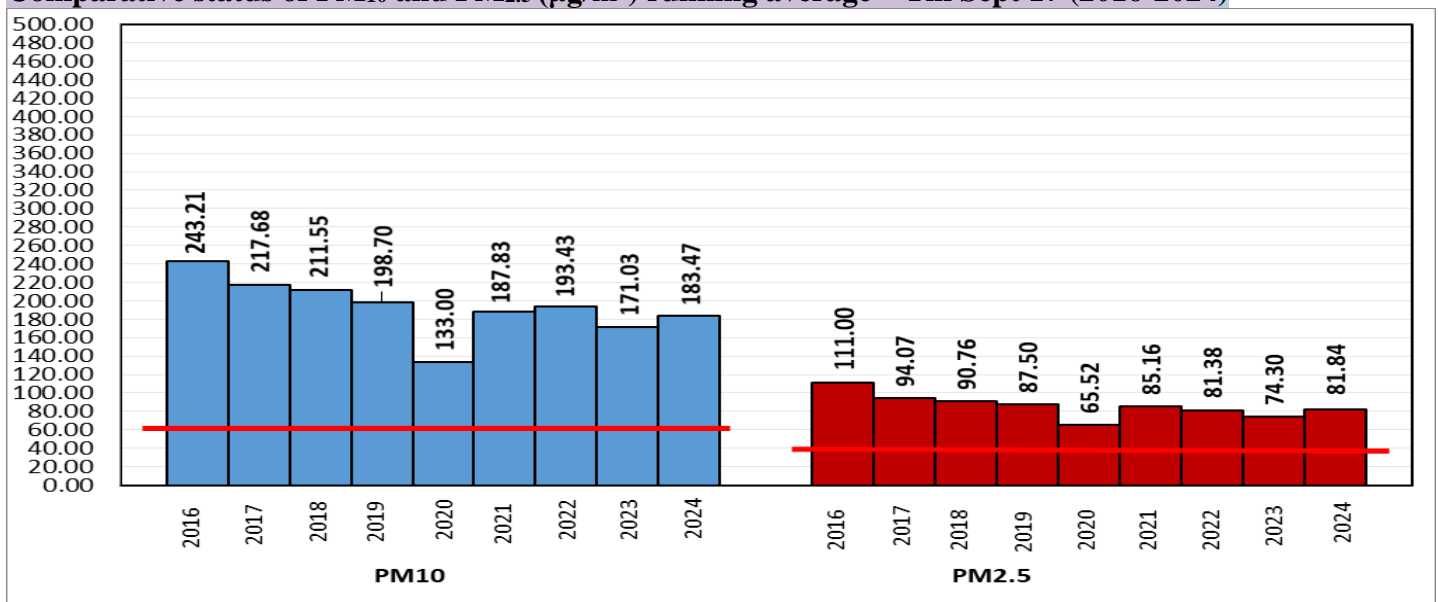
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	115↓	PM _{2.5} , PM ₁₀	Satisfactory	63↓	PM ₁₀ , CO	Moderate	119↑	PM ₁₀ , O ₃
Faridabad	Satisfactory	81↓	PM ₁₀	Satisfactory	64↑	PM ₁₀ , CO	Moderate	145↑	PM ₁₀ , O ₃
Ghaziabad	Satisfactory	94↓	PM _{2.5} , PM ₁₀	Good	46↑	O ₃ , PM ₁₀	Satisfactory	92↓	PM ₁₀
Greater Noida	Moderate	107↓	PM ₁₀	Satisfactory	71↑	PM ₁₀ , O ₃	Satisfactory	76↑	PM ₁₀ , O ₃
Gurugram	Moderate	115↓	CO, PM _{2.5}	Satisfactory	99↓	PM ₁₀ , PM _{2.5}	Satisfactory	99↑	PM ₁₀
Noida	Satisfactory	98↓	PM _{2.5} , PM ₁₀	Good	42↑	PM ₁₀	Satisfactory	81↑	CO, PM ₁₀

*Data available for 34(2024), 33(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 18 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	250	261	261	261	262	261	261	261	262	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	59	56	57	60	96	134	140	153	206	162	134	181	177	
Moderate (101-200)		73	88	90	106	107	103	77	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 PM₁₀ and PM_{2.5} (µg/m³) running average – Till Sept 17 (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 17.09.24 to 06:00 am of 18.09.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
17- Sept -2024	56↑	153↓

Hotspots for Today: *Details given below

Delhi	Shadipur, Wazirpur, Mundka, Rohini, Jahangirpuri	Ghaziabad	Loni, Indirapuram, Vasundhara
Faridabad	New Industrial Town	Greater Noida	Knowledge Park - V
Gurugram	Sector-51	Noida	Sector-1

Forecast by IITM(Delhi):

	Sept 19, 2024	Sept 20, 2024	Sept 21, 2024
AQI Category	Satisfactory	Moderate	Moderate

Wind Forecast for Delhi:

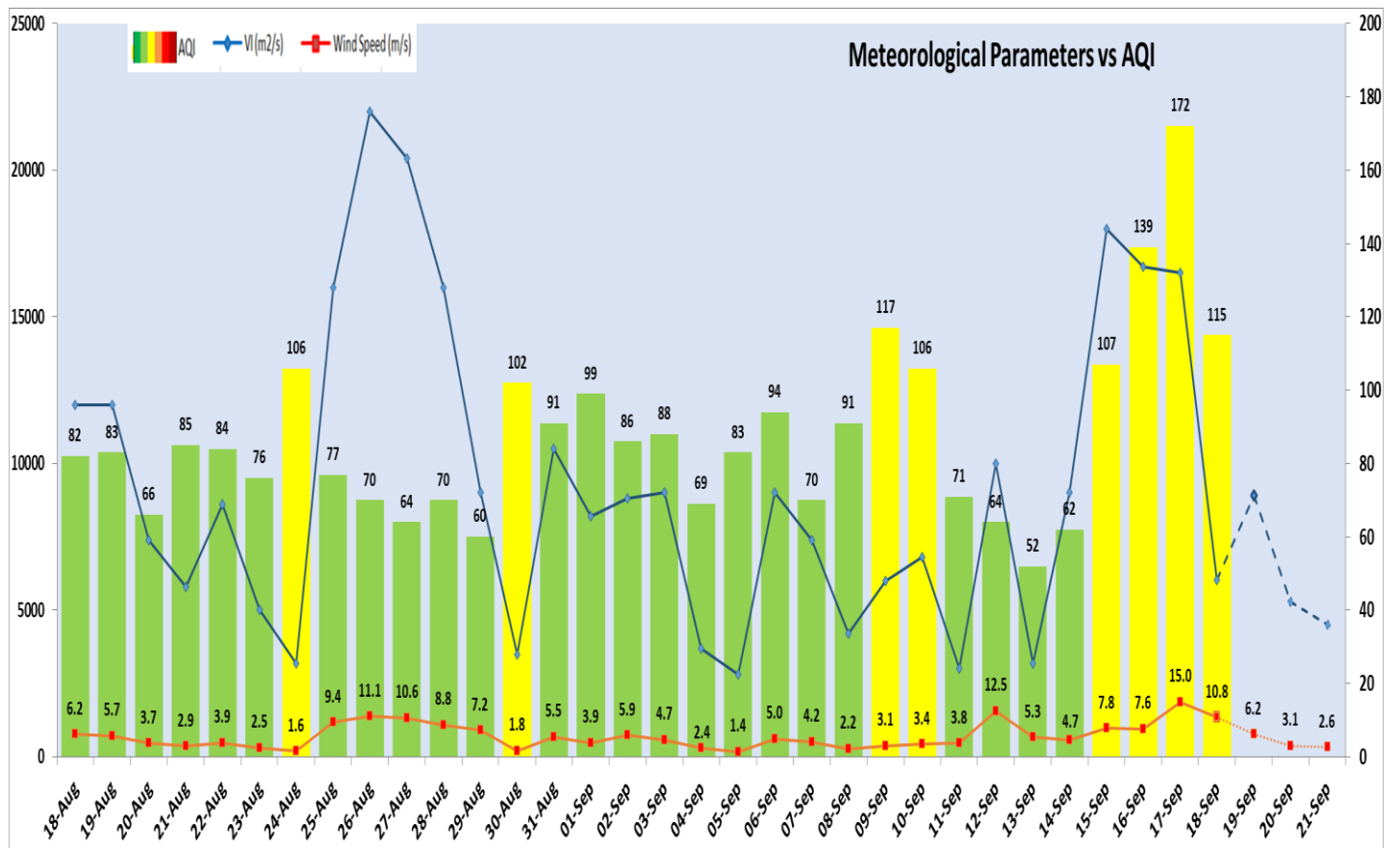
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Sept 19, 2024	08-12	04	18	VAR	SE
Sept 20, 2024	06-10	02	03	VAR	SE
Sept 21, 2024	04-08	01	02	VAR	W

IMD Alert for Tomorrow (19.09.2024):

The air quality is likely to be in Satisfactory category on 19.09.2024. The predominant surface wind is likely to be coming from Northeast/East directions in Delhi with wind speed 08-12 kmph, generally cloudy sky, and light rain/thunderstorm with strong surface winds (speed 25-35 kmph) on 19.09.2024. Ventilation index is likely to be 8910 m²/s.

Active Fire Events (AFE):

Date	Punjab		Haryana	
	Nos. on the day	Total since September 15	Nos. on the day	Total since September 15
17.09.2024	5	16	1	2
17.09.2023	0	6	0	2
17.09.2022	1	15	0	0



Delhi Temperature in (°C)		
Date	Minimum	Maximum
15-09-2024	23.6	32.2
16-09-2024	24.2	33.6
17-09-2024	24.4	34.1
18-09-2024	25.1	34.8

▪ ***Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Shadipur, Delhi - CPCB	264	Poor	PM _{2.5}
	Wazirpur, Delhi - DPCC	170	Moderate	PM ₁₀
	Mundka, Delhi - DPCC	160	Moderate	PM ₁₀
	Rohini, Delhi - DPCC	139	Moderate	PM ₁₀
	Jahangirpuri, Delhi - DPCC	134	Moderate	PM ₁₀
Faridabad	New Industrial Town, Faridabad - HSPCB	81	Satisfactory	PM ₁₀
Gurugram	Sector-51, Gurugram - HSPCB	228	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	105	Moderate	PM _{2.5}
	Indirapuram, Ghaziabad - UPPCB	99	Satisfactory	PM ₁₀
	Vasundhara, Ghaziabad - UPPCB	96	Satisfactory	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	112	Moderate	PM ₁₀
Noida	Sector-1, Noida - UPPCB	108	Moderate	PM _{2.5}