



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – September 27, 2024



Current Air Quality Status:

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

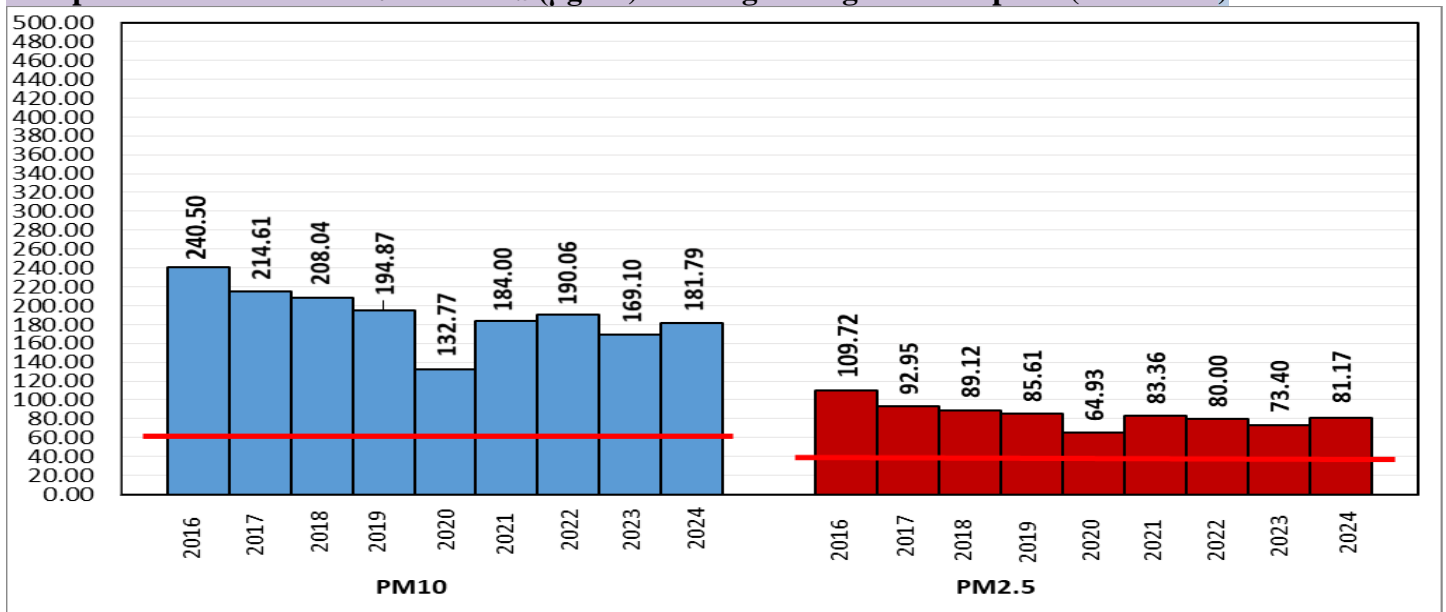
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Satisfactory	80↓	PM ₁₀ , O ₃ , CO	Moderate	129↓	PM _{2.5} , PM ₁₀	Moderate	108↑	PM ₁₀
Faridabad	Satisfactory	74↓	PM _{2.5}	Moderate	123↓	PM ₁₀ , PM _{2.5}	Moderate	104↑	PM ₁₀
Ghaziabad	Satisfactory	88↑	PM ₁₀ , CO	Moderate	152↓	PM _{2.5}	Moderate	108↑	PM ₁₀ , O ₃
Greater Noida	Moderate	111↑	PM ₁₀	Poor	280↓	PM ₁₀ , O ₃	Moderate	121↑	PM ₁₀
Gurugram	Satisfactory	77↓	PM _{2.5} , CO	Moderate	186↓	PM _{2.5}	Moderate	122↑	PM ₁₀ , PM _{2.5} , CO
Noida	Satisfactory	85↑	PM ₁₀ , CO	Moderate	140↓	PM ₁₀	Moderate	110↑	PM _{2.5} , PM ₁₀

*Data available for 38(2024), 35(2023), 33(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 27 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	259	270	270	270	271	270	270	270	271	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	45	53	50	95	67	61	59	64	103	143	149	162	215	171	143	190	185	
Moderate (101-200)		80	96	96	110	115	104	81	130	121										
Poor (201-300)		96	91	87	74	39	59	105	56	50										
Very Poor (301-400)		54	36	28	27	15	34	21	21	33	156	127	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 26 (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 26.09.24 to 06:00 am of 27.09.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
26- Sept -2024	33↓	77↓

Hotspots for Today: *Details given below

Delhi	North Campus, Aya Nagar, Wazirpur, Mundka, Rohini	Ghaziabad	Loni
Faridabad	Sector 11	Greater Noida	Knowledge Park - III
Gurugram	Sector-51	Noida	Sector-125, Sector - 1

Forecast by IITM(Delhi):

	Sept 28, 2024	Sept 29, 2024	Sept 30, 2024
AQI Category	Satisfactory	Moderate	Moderate

Wind Forecast for Delhi:

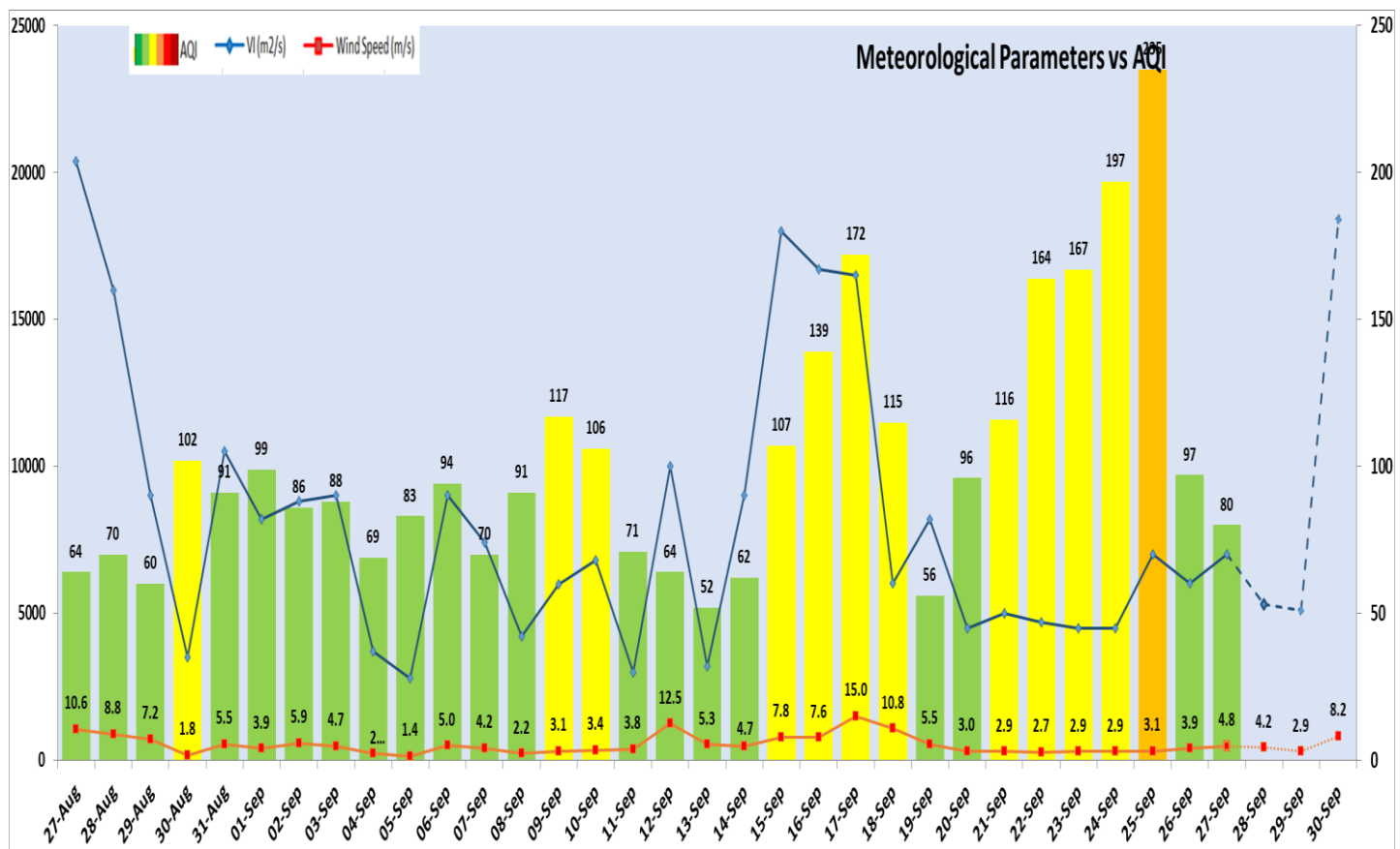
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Sept 28, 2024	12-14	04	06	E/ESE	E
Sept 29, 2024	04-08	03	06	E/NE	NE
Sept 30, 2024	04-10	06	21	NW/N	NW

IMD Alert for Tomorrow (28.09.2024):

The air quality is likely to be in Satisfactory category from 27.09.2024 to 28.09.2024. The predominant surface wind is likely to be in East/East Southeast direction in Delhi with wind speed 14-12 kmph, generally cloudy sky and very light rain/drizzle on 28.09.2024. Ventilation index is likely to be 5300 m²/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
26.09.2024	5	98	5	75
26.09.2023	3	11	2	15
26.09.2022	0	139	0	1



Delhi Temperature in (°C)		
Date	Minimum	Maximum
24-09-2024	26.4	37.0
25-09-2024	26.8	37.4
26-09-2024	25.6	37.3
27-09-2024	27.7	35.7

▪ ***Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	North Campus, DU, Delhi - IMD	301	Very Poor	Ozone
	Aya Nagar, Delhi - IMD	136	Moderate	CO
	Wazirpur, Delhi - DPCC	124	Moderate	PM ₁₀
	Mundka, Delhi - DPCC	111	Moderate	PM ₁₀
	Rohini, Delhi - DPCC	106	Moderate	PM ₁₀
Faridabad	Sector 11, Faridabad - HSPCB	91	Satisfactory	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	90	Satisfactory	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	115	Moderate	PM ₁₀
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	116	Moderate	PM ₁₀
Noida	Sector - 125, Noida - UPPCB	121	Moderate	PM ₁₀
	Sector-1, Noida - UPPCB	90	Satisfactory	CO