



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – September 20, 2024



Current Air Quality Status:

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

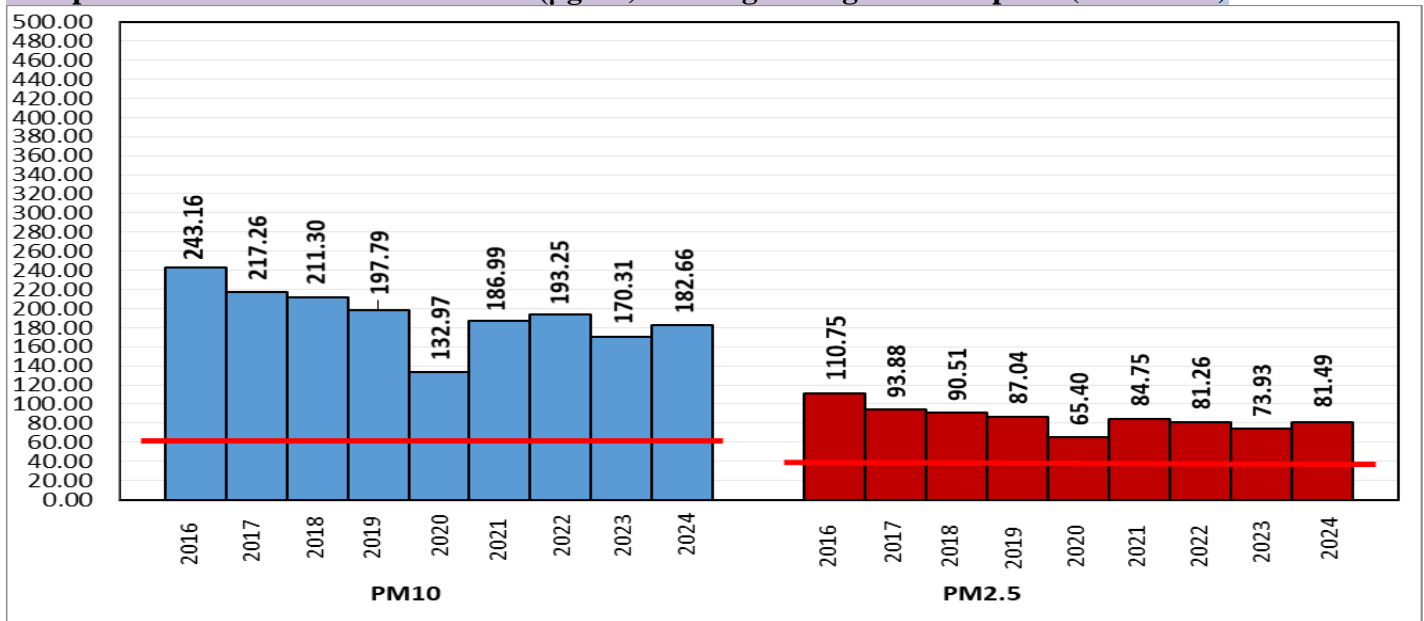
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Satisfactory	96↑	PM ₁₀	Satisfactory	97↑	O ₃ , CO	Moderate	130↓	PM ₁₀ , PM _{2.5}
Faridabad	Satisfactory	77↑	PM ₁₀ , PM _{2.5}	Moderate	103↑	PM ₁₀ , PM _{2.5}	Moderate	121↓	PM ₁₀ , PM _{2.5}
Ghaziabad	Moderate	113↑	PM ₁₀	Moderate	134↑	O ₃	Moderate	105↓	PM ₁₀ , PM _{2.5}
Greater Noida	Moderate	132↑	PM ₁₀	Moderate	183↑	PM ₁₀ , O ₃	Moderate	121↓	PM ₁₀
Gurugram	Satisfactory	89↑	PM _{2.5}	Moderate	122↑	PM _{2.5}	Moderate	141↓	PM ₁₀ , PM _{2.5} , O ₃
Noida	Moderate	106↑	PM ₁₀	Satisfactory	88↑	PM ₁₀	Moderate	111↓	PM ₁₀ , PM _{2.5}

*Data available for 36(2024), 35(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 20 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	252	263	263	263	264	263	263	263	264	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	61	56	59	62	98	136	142	155	208	164	136	183	179	
Moderate (101-200)		75	90	92	108	109	103	79	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 19 (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 19.09.24 to 06:00 am of 20.09.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
19- Sept -2024	40↑	91↑

Hotspots for Today: *Details given below

Delhi	Wazirpur, Dwarka-Sector 8, Rohini, Sonia Vihar, Anand Vihar	Ghaziabad	Loni, Sanjay Nagar
Faridabad	Sector 11, New Industrial Town	Greater Noida	Knowledge Park - III
Gurugram	Sector-51	Noida	Sector-125

Forecast by IITM(Delhi):

	Sept 21, 2024	Sept 22, 2024	Sept 23, 2024
AQI Category	Moderate	Moderate	Moderate

Wind Forecast for Delhi:

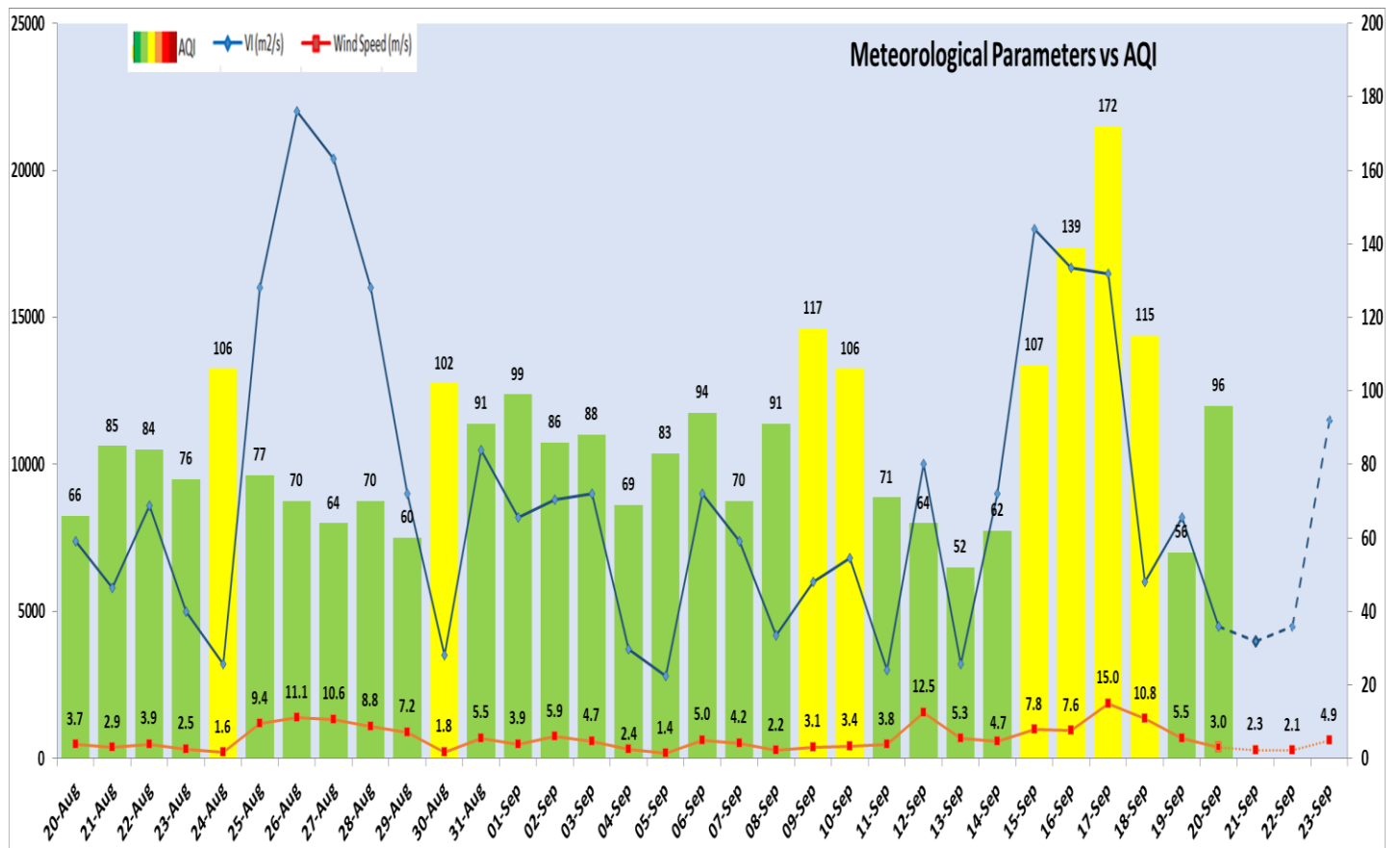
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Sept 21, 2024	06-08	01	01	SE	N
Sept 22, 2024	08-12	03	10	VAR	NW
Sept 23, 2024	04-12	04	12	VAR	NW

IMD Alert for Tomorrow (21.09.2024):

The air quality is likely to remain in Moderate category from 21.09.2024 to 23.09.2024. The predominant surface wind is likely to be calm during morning hours and coming from Southeast directions in Delhi with wind speed 08-06 kmph, and partly cloudy sky on 21.09.2024. Ventilation index is likely to be 4000 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
19.09.2024	0	18	0	2
19.09.2023	0	6	1	3
19.09.2022	18	40	0	1



Delhi Temperature in (°C)

Date	Minimum	Maximum
17-09-2024	24.4	34.1
18-09-2024	25.1	34.8
19-09-2024	21.1	29.6
20-09-2024	23.6	32.0

*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Wazirpur, Delhi - DPCC	195	Moderate	PM ₁₀
	Dwarka-Sector 8, Delhi - DPCC	174	Moderate	PM ₁₀
	Rohini, Delhi - DPCC	150	Moderate	PM ₁₀
	Sonia Vihar, Delhi - DPCC	133	Moderate	PM ₁₀
	Anand Vihar, Delhi - DPCC	124	Moderate	PM ₁₀
Faridabad	Sector 11, Faridabad - HSPCB	91	Satisfactory	PM _{2.5}
	New Industrial Town, Faridabad - HSPCB	81	Satisfactory	PM ₁₀
Gurugram	Sector-51, Gurugram - HSPCB	112	Moderate	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	130	Moderate	PM ₁₀
	Sanjay Nagar, Ghaziabad - UPPCB	123	Moderate	PM ₁₀
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	166	Moderate	PM ₁₀
Noida	Sector - 125, Noida - UPPCB	146	Moderate	PM ₁₀