



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – September 21, 2024



Current Air Quality Status:

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

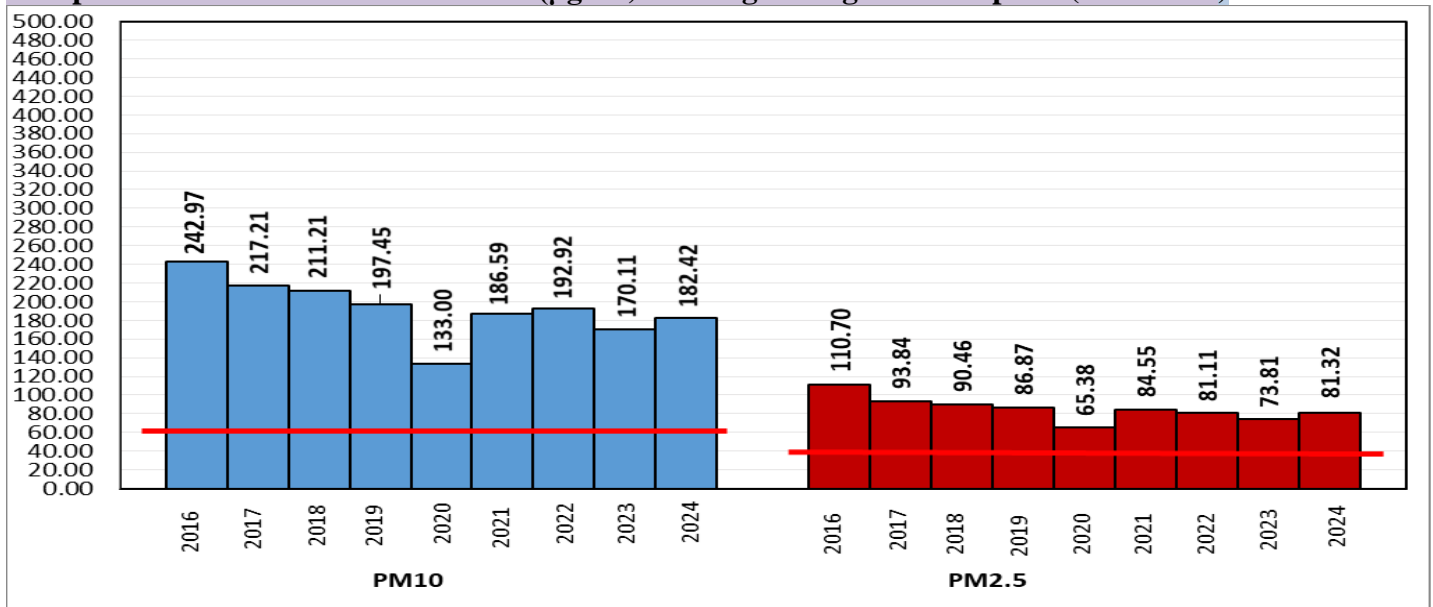
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	116↑	PM ₁₀	Moderate	114↓	PM ₁₀ , CO	Moderate	109↓	PM ₁₀ , PM _{2.5} , NO ₂
Faridabad	Satisfactory	87↑	PM _{2.5}	Moderate	103	PM ₁₀ , PM _{2.5}	Satisfactory	90↓	PM ₁₀ , PM _{2.5}
Ghaziabad	Moderate	116↑	PM ₁₀	Moderate	112↓	PM _{2.5} , PM ₁₀	Moderate	106↑	PM ₁₀ , PM _{2.5}
Greater Noida	Moderate	158↑	PM ₁₀	Moderate	175↓	PM ₁₀ , O ₃	Satisfactory	95↓	PM ₁₀
Gurugram	Moderate	108↑	PM _{2.5} , CO	Moderate	161↑	PM _{2.5}	Moderate	136↓	PM ₁₀ , O ₃
Noida	Moderate	142↑	PM ₁₀	Moderate	123↑	PM _{2.5}	Satisfactory	96↓	PM ₁₀

*Data available for 37(2024), 35(2023), 32(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 21 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	253	264	264	264	265	264	264	264	265	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	62	56	59	62	99	137	143	156	209	165	137	184	180	
Moderate (101-200)		76	91	93	109	110	103	80	124	118										
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 20 (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 20.09.24 to 06:00 am of 21.09.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
20- Sept -2024	37↓	118↑

Hotspots for Today: *Details given below

Delhi	Anand Vihar, Mundka, Rohini, Wazirpur, Narela	Ghaziabad	Vasundhara
Faridabad	New Industrial Town , Sector 11	Greater Noida	Knowledge Park - III
Gurugram	Sector-51	Noida	Sector-125

Forecast by IITM(Delhi):

	Sept 22, 2024	Sept 23, 2024	Sept 24, 2024
AQI Category	Moderate	Moderate	Moderate

Wind Forecast for Delhi:

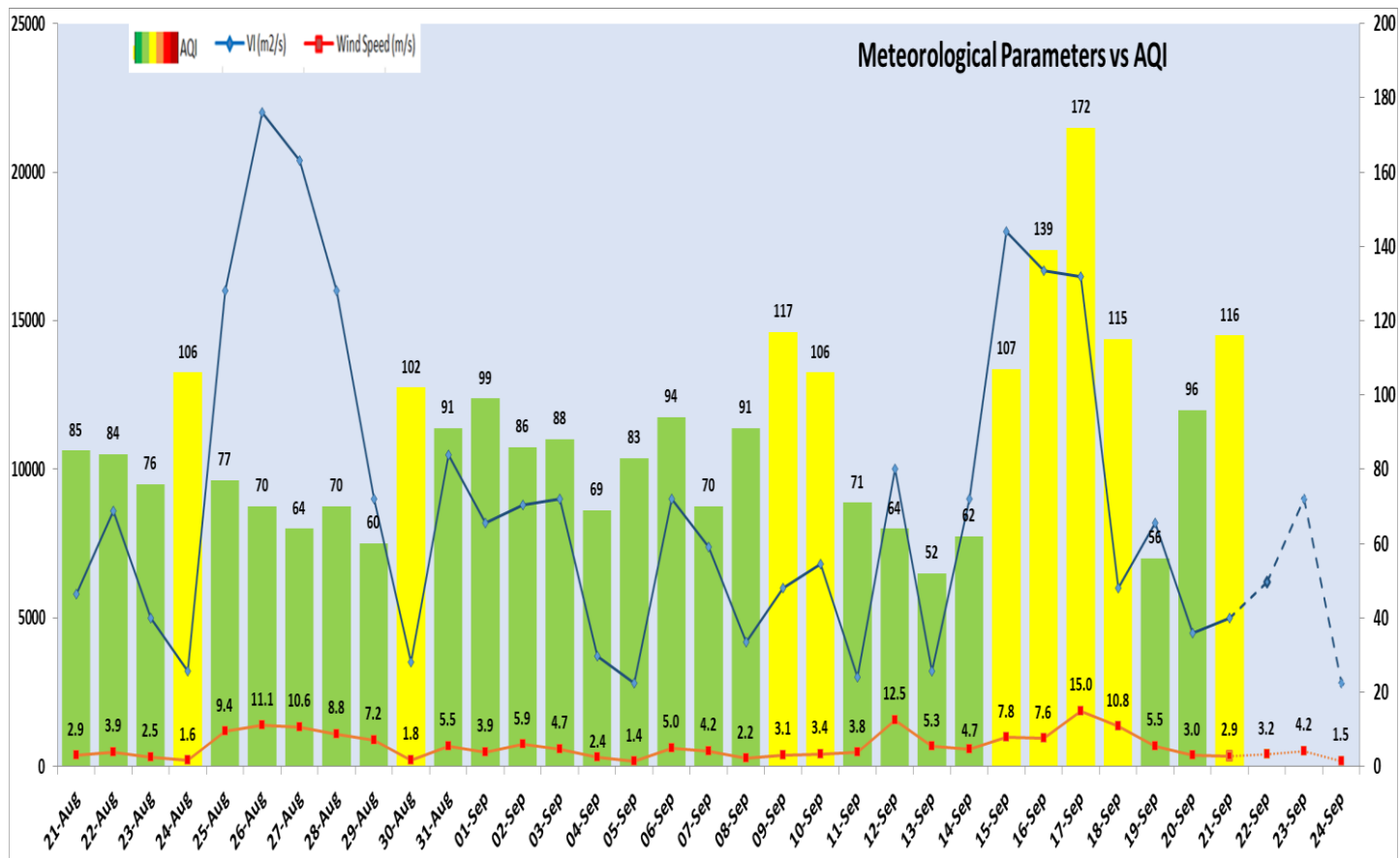
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Sept 22, 2024	04-08	04	10	VAR	NW
Sept 23, 2024	06-08	05	15	VAR	NW
Sept 24, 2024	08-14	01	02	SE	E

IMD Alert for Tomorrow (22.09.2024):

The air quality is likely to remain in Moderate category from 22.09.2024 to 24.09.204. The predominant surface wind is likely to be coming from variable directions in Delhi with wind speed 04-08 kmph, and partly cloudy sky on 22.09.2024. Ventilation index is likely to be 6200 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
20.09.2024	13	31	1	3
20.09.2023	0	6	2	5
20.09.2022	10	50	0	1



Delhi Temperature in (°C)		
Date	Minimum	Maximum
18-09-2024	25.1	34.8
19-09-2024	21.1	29.6
20-09-2024	23.6	32.0
21-09-2024	25.0	34.7

▪ ***Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	257	Poor	PM ₁₀
	Mundka, Delhi - DPCC	240	Poor	PM ₁₀
	Rohini, Delhi - DPCC	207	Poor	PM ₁₀
	Wazirpur, Delhi - DPCC	174	Moderate	PM ₁₀
	Narela, Delhi - DPCC	152	Moderate	Ozone
Faridabad	New Industrial Town, Faridabad - HSPCB	112	Moderate	PM _{2.5}
	Sector 11, Faridabad - HSPCB	92	Satisfactory	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	156	Moderate	PM _{2.5}
Ghaziabad	Vasundhara, Ghaziabad - UPPCB	118	Moderate	PM ₁₀
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	208	Poor	PM ₁₀
Noida	Sector - 125, Noida - UPPCB	241	Poor	PM ₁₀