



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 19, 2021



Current Air Quality Status:

Air Quality Index (AQI) (Average of past 24 hours)

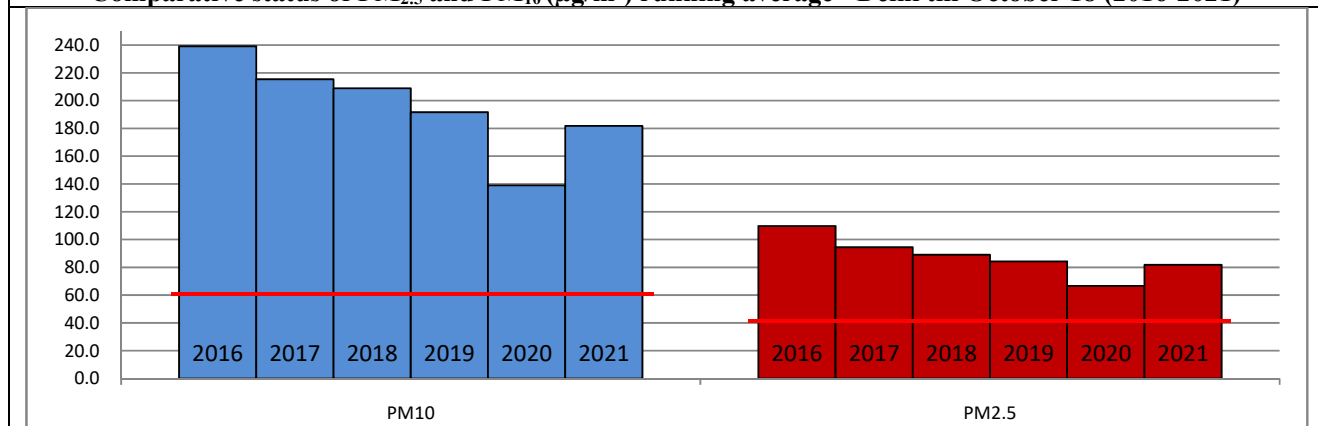
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Satisfactory	69↓	CO, PM ₁₀ , PM _{2.5}
Faridabad	Satisfactory	92↑	PM ₁₀ , PM _{2.5} , O ₃
Ghaziabad	Satisfactory	77↑	PM ₁₀ , PM _{2.5}
Greater Noida	Satisfactory	78↑	PM ₁₀ , O ₃
Gurugram	Satisfactory	81↑	PM ₁₀ , PM _{2.5} , O ₃
Noida	Satisfactory	79↑	CO, O ₃ , PM ₁₀

*Data available for 36 stations in Delhi today. #↑↓ arrows indicate increase/decrease as compared to value on the previous day

Comparative status of AQI - Delhi from 01 January to 19 October 2016-2021

Category	Year	2016	2017	2018	2019	2020	2021	2016	2017	2018	2019	2020	2021
	No. of days	281	292	292	292	293	292						
Good (0–50)		0	2	0	2	5	1						
Satisfactory (51–100)		25	45	53	58	95	71	108	150	157	175	224	191
Moderate (101–200)		83	103	104	115	124	119						
Poor (201–300)		111	103	99	82	51	62						
Very Poor (301–400)		56	39	30	28	16	33	173	142	135	117	69	101
Severe (>401)		6	0	6	7	2	6						

Comparative status of PM_{2.5} and PM₁₀ (µg/m³) running average - Delhi till October 18 (2016-2021)



Hotspots for Today:

*Details given overleaf

Delhi	NSIT Dwarka, Jahangirpuri, Anand Vihar, CRRI Mathura Road, Dwarka-Sector 8	Greater Noida	Knowledge Park - V
Faridabad	Sector- 16A, Sector- 30	Gurugram	Vikas Sadan, Teri Gram
Ghaziabad	Vasundhara, Indirapuram	Noida	Sector-116

Forecast by IITM:

Parameters	October 20, 2021		October 21, 2021– October 22, 2021	
	Concentration	AQI Category	Concentration	AQI Category
PM ₁₀	104	Moderate	128	Moderate
PM _{2.5}	51	Satisfactory	63	Moderate

▪ **Wind Forecast for Delhi:**

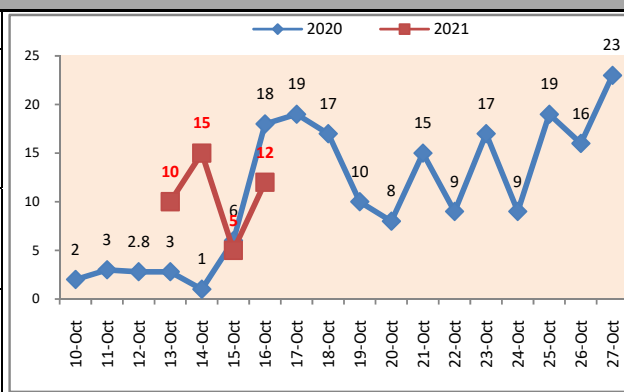
Dates	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (at 17:30 hrs.)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD (at 17:30hrs.)	As per windy.com at 900m
October 20, 2021	04	09	34	NW	NW
October 21, 2021	08	12	47	W	W
October 22, 2021	08	10	30	W	W

▪ **IMD Alert for Tomorrow (20.10.2021):**

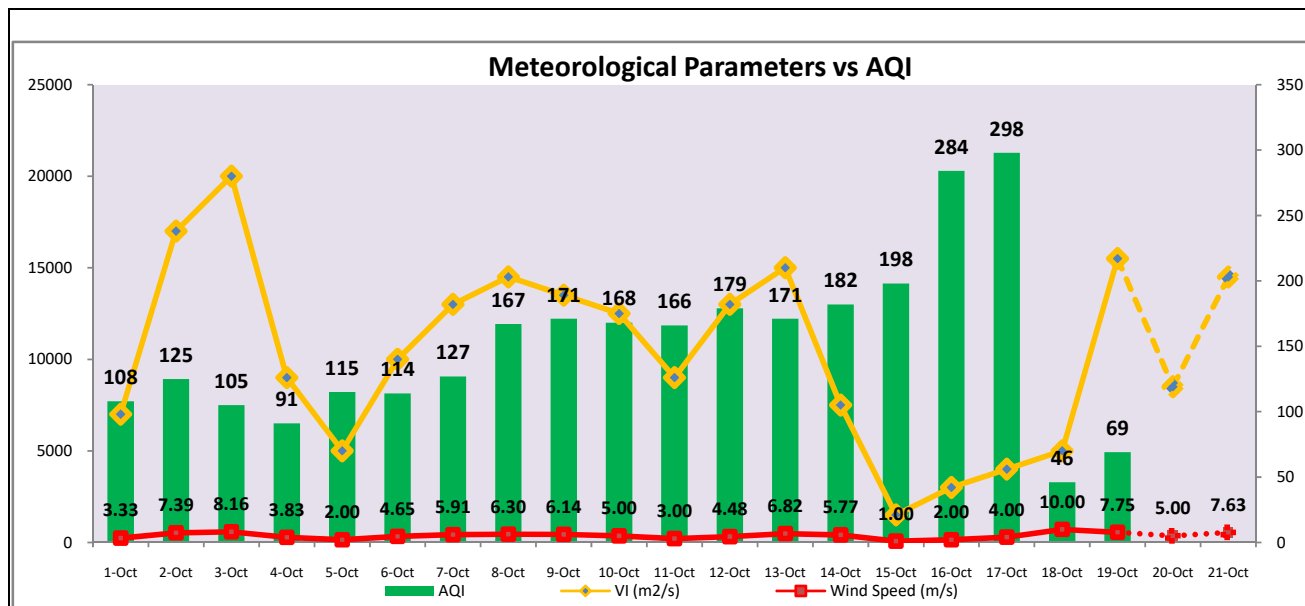
The air quality is likely to deteriorate and reach in Moderate to Poor category tomorrow. The predominant surface wind is likely to be coming from Northwest directions of Delhi with wind speed 04-10 kmph, mainly clear sky and mist in the morning. Ventilation index is likely to be 8,050 m²/s.

▪ **Active Fire Events (AFE)**

Date	Punjab		Haryana	
	Nos. on the day	Total since September 21	Nos. on the day	Total since September 21
18.10.2021	57	2446	1	1027
18.10.2020	855	6417	390	2676



The Crop residue burning fire points were observed in Punjab and adjoining Pakistan on 18.10.2021.



▪ Hotspots for Today

City	Station Name	Air Quality	AQI value	Prominent Pollutant
Delhi	NSIT Dwarka, Delhi - CPCB	Moderate	127	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	Moderate	110	PM _{2.5}
	Anand Vihar, Delhi - DPCC	Moderate	101	PM ₁₀
	CRRRI Mathura Road, Delhi - IMD	Moderate	100	CO
	Dwarka-Sector 8, Delhi - DPCC	Satisfactory	91	NO ₂
Faridabad	Sector- 16A, Faridabad - HSPCB	Moderate	160	O ₃
	Sector 30, Faridabad - HSPCB	Satisfactory	97	PM _{2.5}
Gurugram	Vikas Sadan, Gurugram – HSPCB	Moderate	102	O ₃
	Teri Gram, Gurugram - HSPCB	Satisfactory	91	PM ₁₀
Ghaziabad	Vasundhara, Ghaziabad - UPPCB	Satisfactory	88	PM _{2.5}
	Indirapuram, Ghaziabad - UPPCB	Satisfactory	79	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	Satisfactory	90	PM ₁₀
Noida	Sector-116, Noida – UPPCB	Satisfactory	88	O ₃