



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 18, 2021



Current Air Quality Status:

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

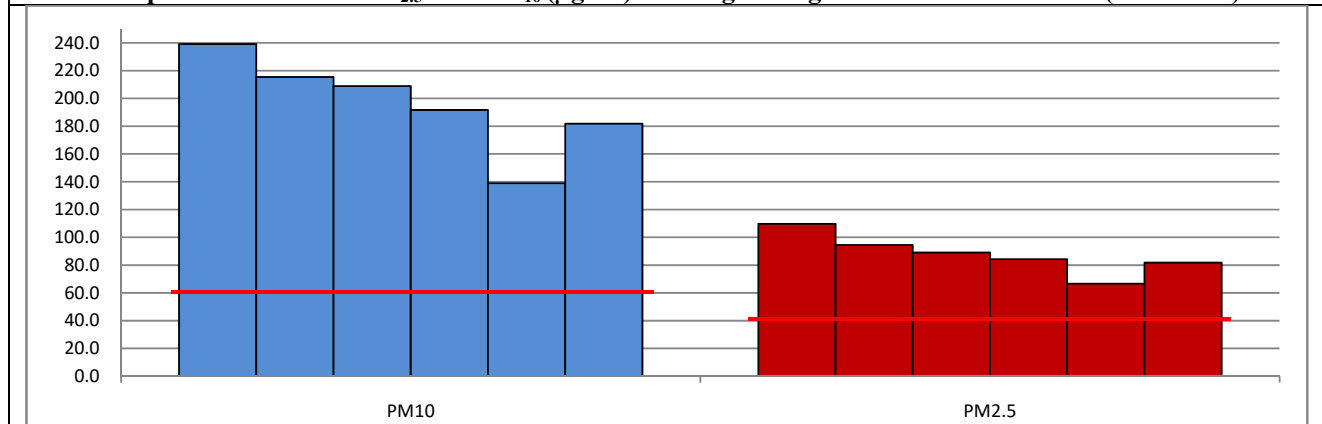
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Good	46 ↓	CO, PM ₁₀
Faridabad	Satisfactory	55 ↓	CO, O ₃
Ghaziabad	Good	45 ↓	CO
Greater Noida	Good	38 ↓	CO
Gurugram	Good	36 ↓	PM _{2.5}
Noida	Good	45 ↓	CO, O ₃

*Data available for 30 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 18 October 2016-2021

Category	Year	2016	2017	2018	2019	2020	2021	2016	2017	2018	2019	2020	2021
	No. of days	280	291	291	291	292	291						
Good (0–50)		0	2	0	2	5	1						
Satisfactory (51–100)		25	45	53	58	95	70	108	150	157	174	224	190
Moderate (101–200)		83	103	104	114	124	119						
Poor (201–300)		110	102	98	82	50	62						
Very Poor (301–400)		56	39	30	28	16	33	172	141	134	117	68	101
Severe (>401)		6	0	6	7	2	6						

Comparative status of PM_{2.5} and PM₁₀ (µg/m³) running average - Delhi till October 17 (2016-2021)



Hotspots for Today:

*Details given overleaf

Delhi	CRRI Mathura Road, Aya Nagar, IGI Airport (T3), Anand Vihar, Lodhi Road	Greater Noida	Knowledge Park - III
Faridabad	Sector- 16A	Gurugram	Sector-51
Ghaziabad	-	Noida	Sector-62

Forecast by IITM:

Parameters	October 19, 2021		October 20, 2021– October 21, 2021	
	Concentration	AQI Category	Concentration	AQI Category
PM ₁₀	39	Good	56	Satisfactory
PM _{2.5}	22	Good	32	Satisfactory

▪ **Wind Forecast for Delhi:**

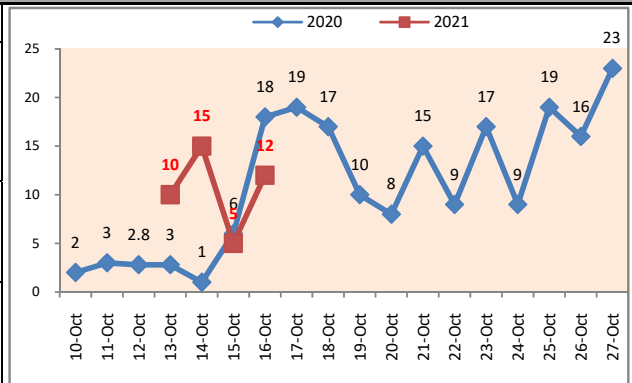
Dates	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (at 17:30 hrs.)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD (at 17:30hrs.)	As per windy.com at 900m
October 19, 2021	12	08	26	NNE	NW
October 20, 2021	08	08	31	N	NW
October 21, 2021	12	12	44	WNW	W

▪ **IMD Alert for Tomorrow (19.10.2021):**

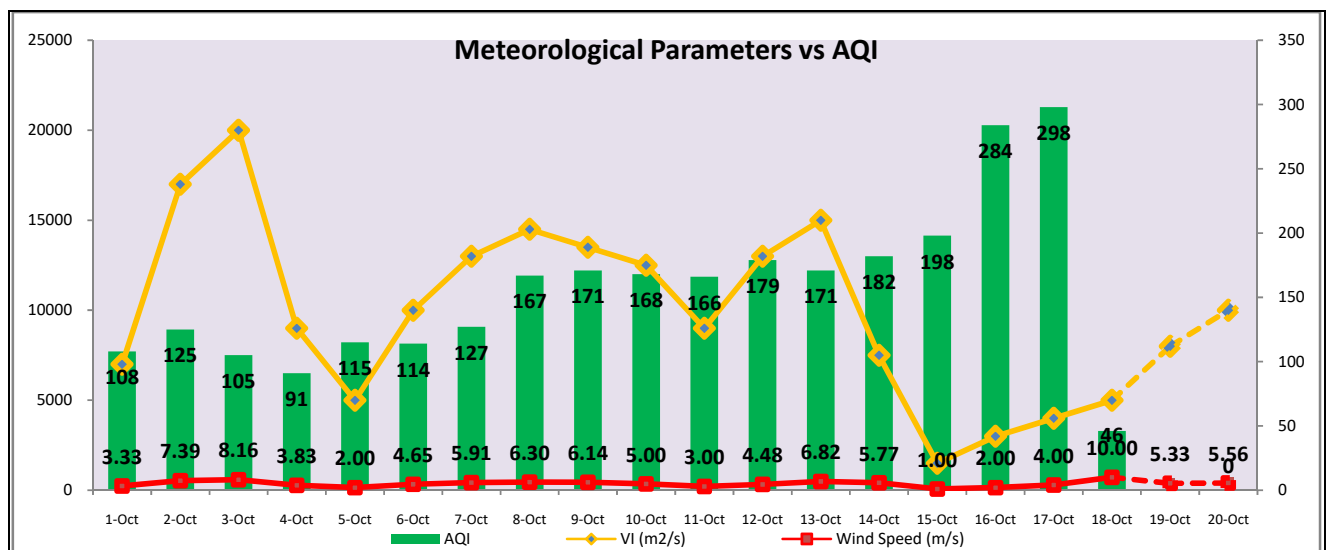
The air quality is likely to deteriorate and reach in Moderate category tomorrow. The predominant surface wind is likely to be coming from Northeast directions of Delhi with wind speed of 12 kmph, partly cloudy sky and mist/shallow fog in the morning. Ventilation index is likely to be 8,000 m²/s.

▪ **Active Fire Events (AFE)**

Date	Punjab		Haryana	
	Nos. on the day	Total since September 21	Nos. on the day	Total since September 21
17.10.2021	14	2389	0	1026
17.10.2020	967	5562	270	2286



The assessment of Crop residue burning fire points may not be correctly determined because of cloudy sky on 17.10.2021.



▪ Hotspots for Today

City	Station Name	Air Quality	AQI value	Prominent Pollutant
Delhi	CRRRI Mathura Road, Delhi - IMD	Moderate	105	CO
	Aya Nagar, Delhi - IMD	Satisfactory	86	O ₃
	IGI Airport (T3), Delhi - IMD	Satisfactory	82	CO
	Anand Vihar, Delhi - DPCC	Satisfactory	70	CO
	Lodhi Road, Delhi - IITM	Satisfactory	67	CO
Faridabad	Sector- 16A, Faridabad – HSPCB	Satisfactory	65	O ₃
Gurugram	Sector-51, Gurugram - HSPCB	Good	41	PM _{2.5}
Ghaziabad	-	-	-	-
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	Satisfactory	40	CO
Noida	Sector-62, Noida – IMD	Satisfactory	55	CO