



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 17, 2021



Current Air Quality Status:

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

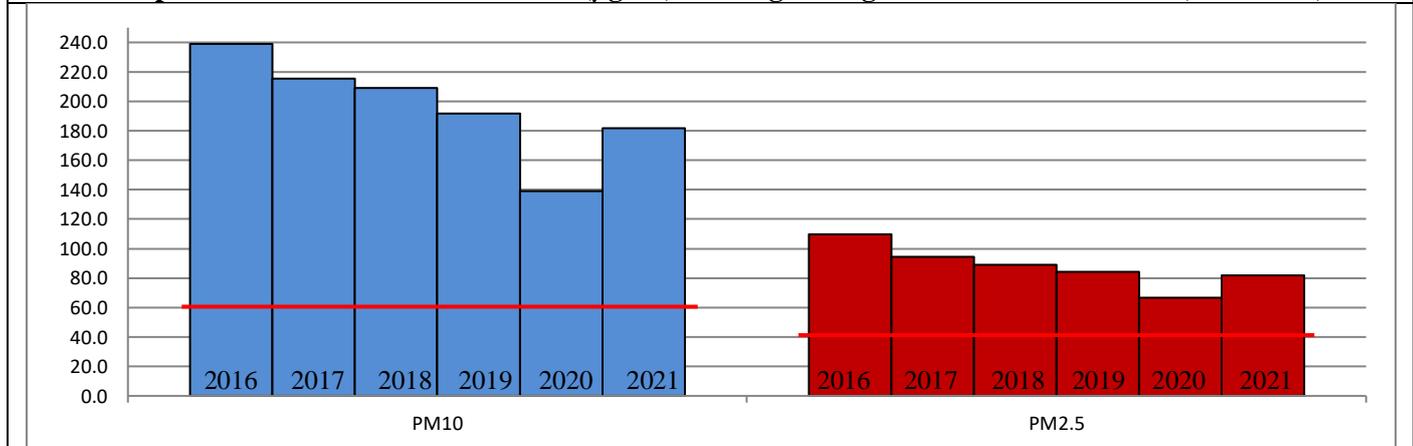
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	298 ↓	PM _{2.5}
Faridabad	Very Poor	312 ↑	PM ₁₀ , PM _{2.5}
Ghaziabad	Very Poor	310 ↑	PM _{2.5}
Greater Noida	Poor	244 ↓	PM _{2.5}
Gurugram	Very Poor	332 ↓	PM _{2.5}
Noida	Poor	288 ↓	PM ₁₀ , PM _{2.5}

*Data available for 31 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 17 October 2016-2021

Category	Year No. of days	2016	2017	2018	2019	2020	2021	2016	2017	2018	2019	2020	2021
		279	289	290	290	291	290						
Good (0-50)	0	2	0	2	5	0							
Satisfactory (51-100)	25	45	53	58	95	70	109	150	157	174	224	189	
Moderate (101-200)	84	103	104	114	124	119							
Poor (201-300)	108	102	97	81	49	62							
Very Poor (301-400)	56	37	30	28	16	33	170	139	133	116	67	101	
Severe (>401)	6	0	6	7	2	6							

Comparative status of PM_{2.5} and PM₁₀ (µg/m³) running average - Delhi till October 16 (2016-2021)



Hotspots for Today:

*Details given overleaf

Delhi	Bawana, Anand Vihar, Narela, Patparganj, Nehru Nagar	Greater Noida	Knowledge Park - V
Faridabad	Sector 30	Gurugram	Teri Gram, Sector-51
Ghaziabad	Loni	Noida	Sector-1, Sector - 125

Forecast by IITM:

Parameters	October 18, 2021		October 19, 2021– October 20, 2021	
	Concentration	AQI Category	Concentration	AQI Category
PM ₁₀	139	Moderate	151	Moderate
PM _{2.5}	88	Moderate	96	Poor

Wind Forecast for Delhi:

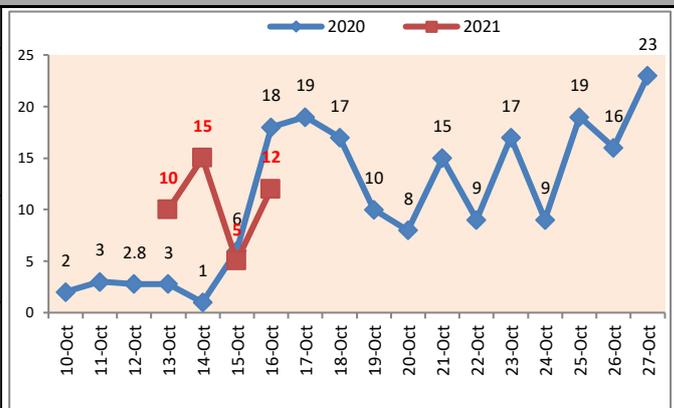
Dates	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (at 17:30 hrs.)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD (at 17:30hrs.)	As per windy.com at 900m
October 18, 2021	08	10	13	N	NW
October 19, 2021	06	08	27	E	NW
October 20, 2021	12	08	33	W	NW

IMD Alert for Tomorrow (18.10.2021):

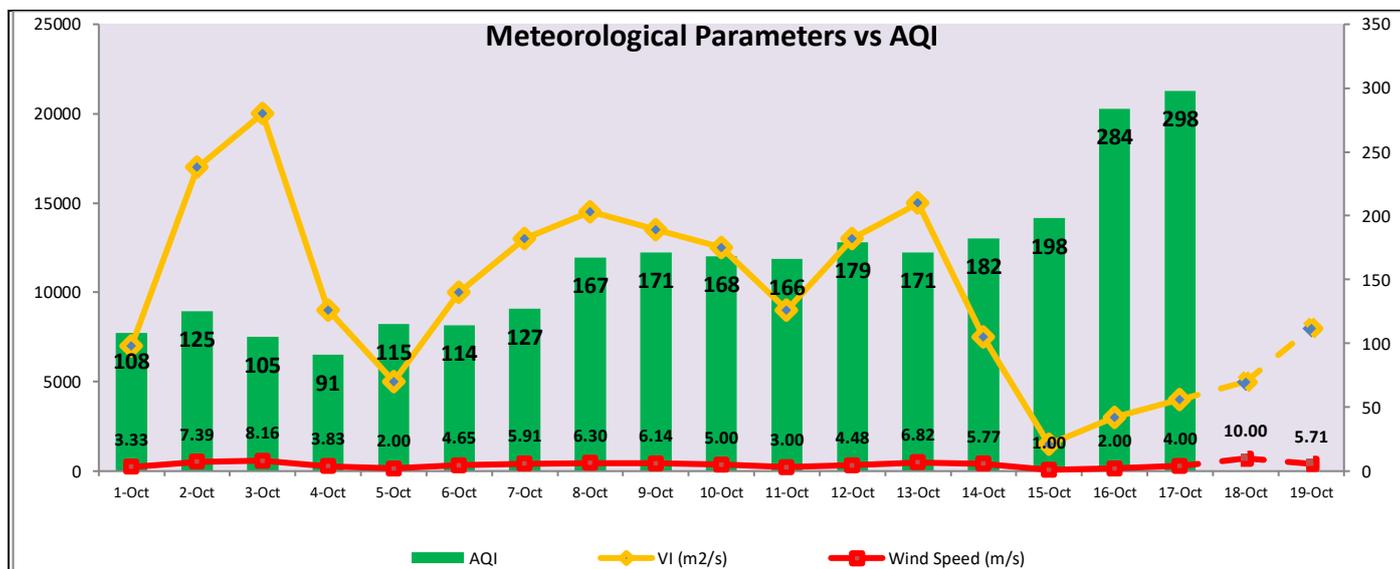
The air quality is likely to improve and reach in Moderate to Poor category tomorrow. The predominant surface wind is likely to be coming from Northeast/North directions of Delhi with wind speed 08-12 kmph, generally cloudy sky and light rain/thundershowers. Ventilation index is likely to be 500 m²/s.

Active Fire Events (AFE) s

Date	Punjab		Haryana	
	Nos. on the day	Total since September 21	Nos. on the day	Total since September 21
16.10.2021	429	2375	176	1026
16.10.2020	589	4595	181	2016



Approximately 2-12% contribution in PM_{2.5} over Delhi-NCT is likely from biomass burning on 17.10.2021. This contribution will decline significantly on 18th owing to easterly winds.



▪ **Hotspots for Today**

City	Station Name	Air Quality	AQI value	Prominent Pollutant
Delhi	Bawana, Delhi - DPCC	Very Poor	373	PM _{2.5}
	Anand Vihar, Delhi - DPCC	Very Poor	344	PM _{2.5}
	Narela, Delhi - DPCC	Very Poor	337	CO
	Patparganj, Delhi - DPCC	Very Poor	335	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	Very Poor	331	PM _{2.5}
Faridabad	Sector 30, Faridabad - HSPCB	Very Poor	343	PM _{2.5}
Gurugram	Teri Gram, Gurugram - HSPCB	Very Poor	351	PM _{2.5}
	Sector-51, Gurugram - HSPCB	Very Poor	349	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	Very Poor	346	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	Poor	264	PM _{2.5}
Noida	Sector-1, Noida – UPPCB	Very Poor	332	PM _{2.5}
	Sector - 125, Noida - UPPCB	Poor	294	PM _{2.5}