



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 20, 2021



Current Air Quality Status:

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

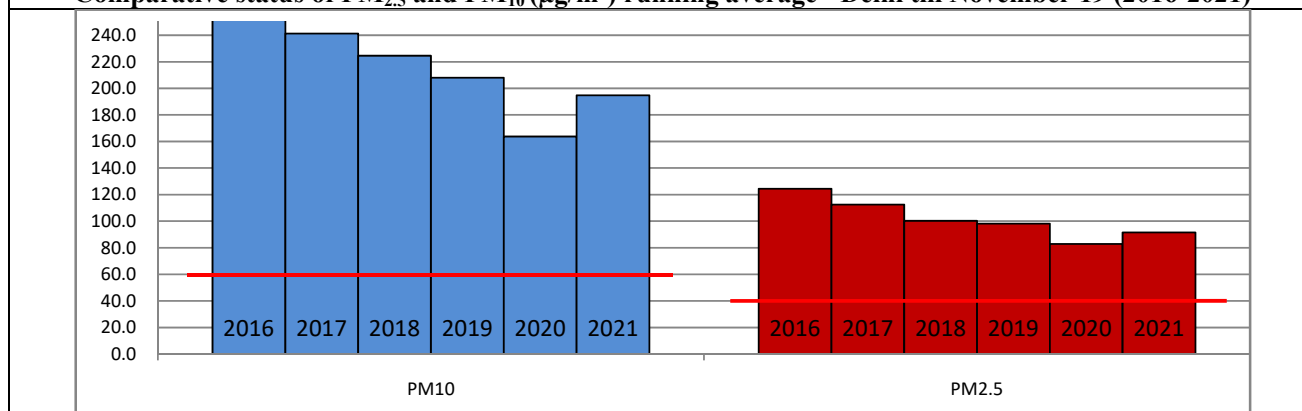
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	374 ↓	PM _{2.5}
Faridabad	Very Poor	347 ↓	PM _{2.5}
Ghaziabad	Very Poor	344 ↓	PM ₁₀ , PM _{2.5}
Greater Noida	Very Poor	322 ↓	PM _{2.5}
Gurugram	Very Poor	345 ↓	PM _{2.5}
Noida	Very Poor	356 ↓	PM ₁₀ , PM _{2.5}

*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 20 November 2016-2021

Category	Year	2016	2017	2018	2019	2020	2021	2016	2017	2018	2019	2020	2021
	No. of days	313	324	324	324	325	324						
Good (0–50)		0	2	0	2	5	1						
Satisfactory (51–100)		25	45	53	58	95	72	108	150	158	175	225	197
Moderate (101–200)		83	103	105	115	125	124						
Poor (201–300)		116	104	107	93	60	69						
Very Poor (301–400)		71	62	47	40	30	44	205	174	166	149	100	127
Severe (>401)		18	8	12	16	10	14						

Comparative status of PM_{2.5} and PM₁₀ (µg/m³) running average - Delhi till November 19 (2016-2021)



* The PM values are 24 hourly averages (6 am to 6 am)

Hotspots for Today:

*Details given overleaf

Delhi	Jahangirpuri, Rohini, Wazirpur, Vivek Vihar, Alipur	Gurugram	Teri Gram, Vikas Sadan
Faridabad	Sector 11, Sector- 16A	Greater Noida	Knowledge Park –III
Ghaziabad	Indirapuram, Loni	Noida	Sector – 62, Sector-116

Forecast by IITM:

Parameters	November 22, 2021		November 23, 2021– November 24, 2021	
	Concentration	AQI Category	Concentration	AQI Category
PM ₁₀	324	Poor	356	Very Poor
PM _{2.5}	200	Very Poor	220	Very Poor

Wind Forecast for Delhi:

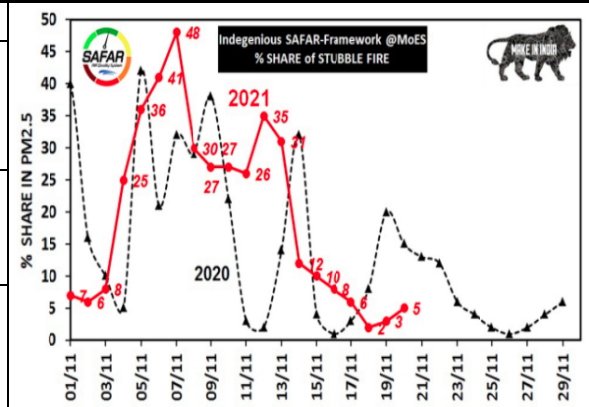
Dates	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (at 17:30 hrs.)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD (at 17:30hrs.)	As per windy.com at 900m
November 21, 2021	06	09	31	NW	NW
November 22, 2021	10	13	46	NW	NW
November 23, 2021	08	10	33	NW	NW

IMD Alert for Tomorrow (21.11.2021):

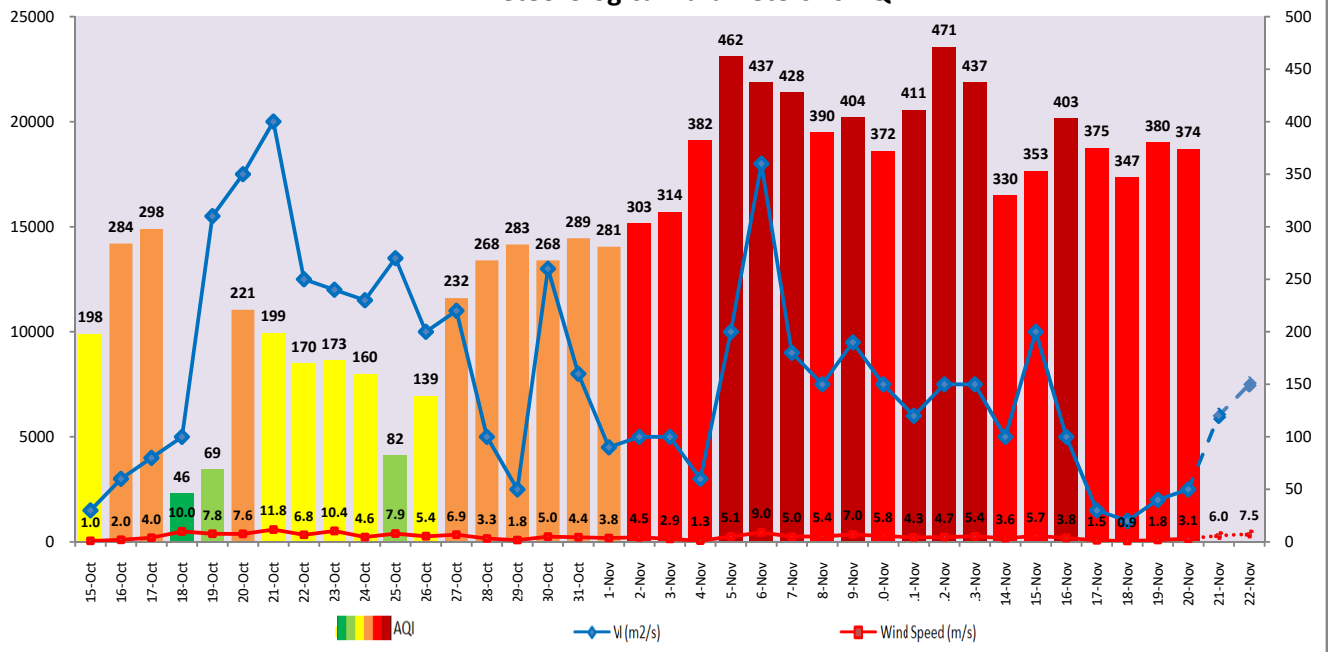
The air quality over Delhi-NCT is likely to improve and reach in Poor category on 21.11.2021. The predominant surface wind is likely to coming from Northwest direction of Delhi with wind speed 08-12 kmph, mainly clear sky and mist/shallow fog in the morning. Ventilation index is likely to be 6,000 m²/s.

Active Fire Events (AFE)

Date	Punjab		Haryana	
	Nos. on the day	Total since September 21	Nos. on the day	Total since September 21
19.11.2021	448	70573	132	6337
19.11.2020	454	81470	37	3807



Meteorological Parameters vs AQI



▪ Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Jahangirpuri, Delhi - DPCC	430	Severe	PM _{2.5}
	Rohini, Delhi - DPCC	408	Severe	PM _{2.5}
	Wazirpur, Delhi - DPCC	408	Severe	PM _{2.5}
	Vivek Vihar, Delhi - DPCC	406	Severe	PM _{2.5}
	Alipur, Delhi - DPCC	404	Severe	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	422	Severe	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	356	Very Poor	PM _{2.5}
Gurugram	Vikas Sadan, Gurugram - HSPCB	360	Very Poor	PM _{2.5}
	Teri Gram, Gurugram - HSPCB	358	Very Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	382	Very Poor	PM _{2.5}
	Indrapuram, Ghaziabad - UPPCB	335	Very Poor	PM ₁₀
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	324	Very Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	418	Severe	PM _{2.5}
	Sector-116, Noida - UPPCB	328	Very Poor	PM _{2.5}