



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 09, 2021



Current Air Quality Status:

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

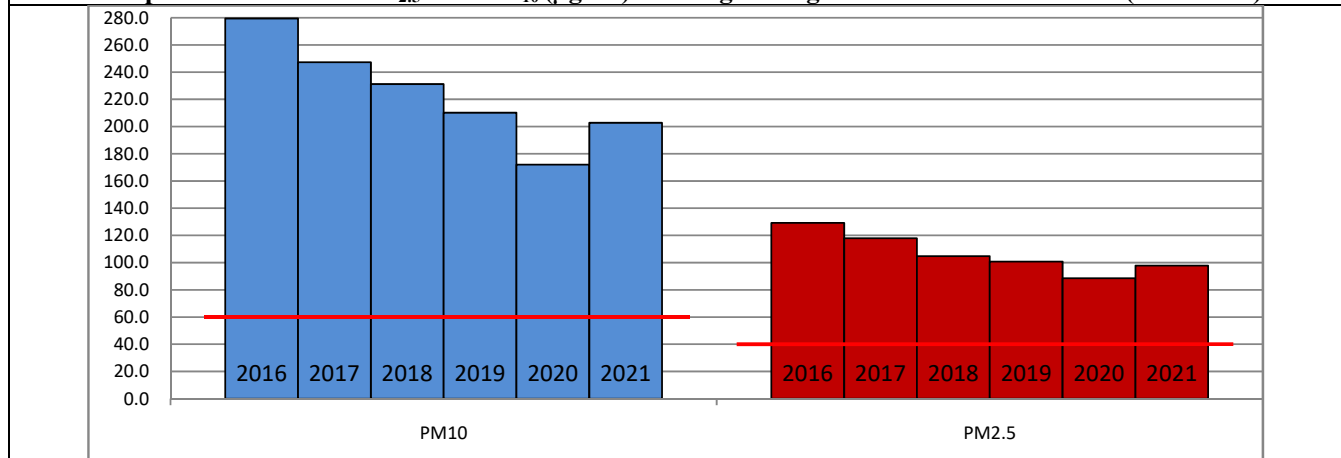
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	289↑	PM ₁₀ , PM _{2.5}
Faridabad	Poor	263↑	PM ₁₀ , PM _{2.5}
Ghaziabad	Very Poor	303↑	PM _{2.5}
Greater Noida	Poor	297↑	PM _{2.5}
Gurugram	Poor	257↑	PM _{2.5}
Noida	Poor	277↑	PM _{2.5}

*Data available for 37 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 09 December 2016-2021

Category	Year	2016	2017	2018	2019	2020	2021	2016	2017	2018	2019	2020	2021
	No. of days	332	343	343	344	345	344						
Good (0-50)		0	2	0	2	5	1						
Satisfactory (51-100)		25	45	53	59	95	72	108	151	158	179	226	197
Moderate (101-200)		83	104	105	118	126	124						
Poor (201-300)		119	107	111	101	66	74						
Very Poor (301-400)		83	77	62	47	41	55	224	192	185	165	119	147
Severe (>401)		22	8	12	17	12	18						

Comparative status of PM_{2.5} and PM₁₀ (µg/m³) running average - Delhi till December 08 (2016-2021)



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

Hotspots for Today:

*Details given overleaf

Delhi	Anand Vihar, Shadipur, DTU, Bawana, Rohini	Gurugram	Vikas Sadan, Sector-51
Faridabad	Sector – 16A, New Industrial Town	Greater Noida	Knowledge Park - V
Ghaziabad	Loni, Sanjay Nagar	Noida	Sector – 1, Sector - 116

Forecast by IITM:

Parameters	December 10, 2021		December 11, 2021– December 12, 2021	
	Concentration	AQI Category	Concentration	AQI Category
PM ₁₀	267	Poor	245	Moderate
PM _{2.5}	142	Very Poor	130	Very Poor

Wind Forecast for Delhi:

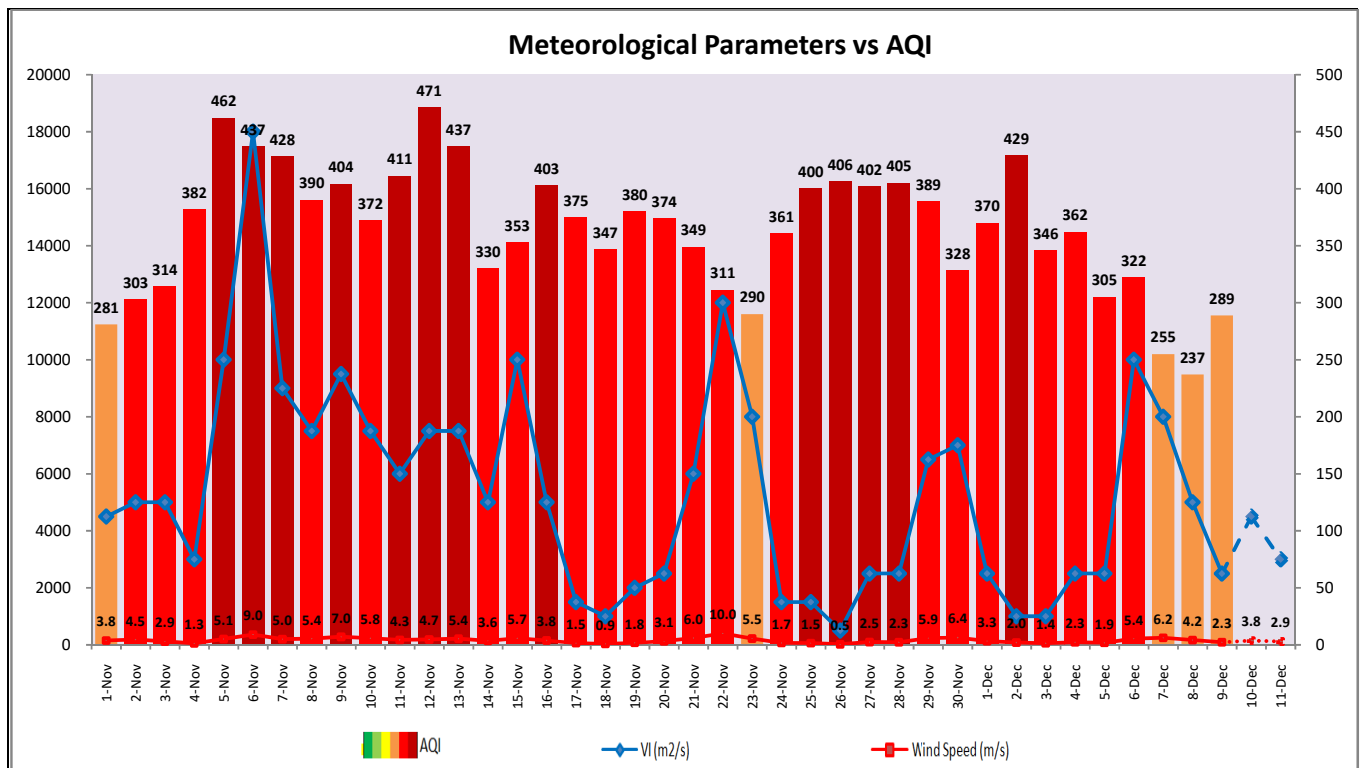
Dates	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (at 17:30 hrs.)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD (at 17:30hrs.)	As per windy.com at 900m
December 10, 2021	08	09	20	NW	NW
December 11, 2021	10	11	19	NW	NW
December 12, 2021	08	06	06	WNW	W

IMD Alert for Tomorrow (10.12.2021):

The air quality is likely to remain in Poor category tomorrow and on 11.12.2021. The predominant surface wind is likely to be coming from Northwest direction of Delhi with wind speed 06-08 kmph, mainly clear sky and mist/shallow fog in the morning. Ventilation index is likely to be 4,500 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
08.12.2021	-	71304	-	6987
08.12.2020	-	83002	-	4202



▪ Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	396	Very Poor	PM ₁₀
	Shadipur, Delhi - CPCB	391	Very Poor	PM ₁₀
	DTU, Delhi - CPCB	335	Very Poor	PM _{2.5}
	Bawana, Delhi - DPCC	332	Very Poor	PM _{2.5}
	Rohini, Delhi - DPCC	329	Very Poor	PM _{2.5}
Faridabad	Sector- 16A, Faridabad - HSPCB	279	Poor	PM _{2.5}
	New Industrial Town, Faridabad - HSPCB	261	Poor	PM ₁₀
Gurugram	Sector-51, Gurugram - HSPCB	278	Poor	PM _{2.5}
	Vikas Sadan, Gurugram - HSPCB	258	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	351	Very Poor	PM _{2.5}
	Sanjay Nagar, Ghaziabad - UPPCB	300	Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	300	Poor	PM _{2.5}
Noida	Sector-116, Noida - UPPCB	314	Very Poor	PM _{2.5}
	Sector-1, Noida - UPPCB	289	Poor	PM _{2.5}