



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – October 17, 2024



Current Air Quality Status:

Air Quality Index (AQI) (Average of past 24 hours at 4 PM) in comparison with last two years

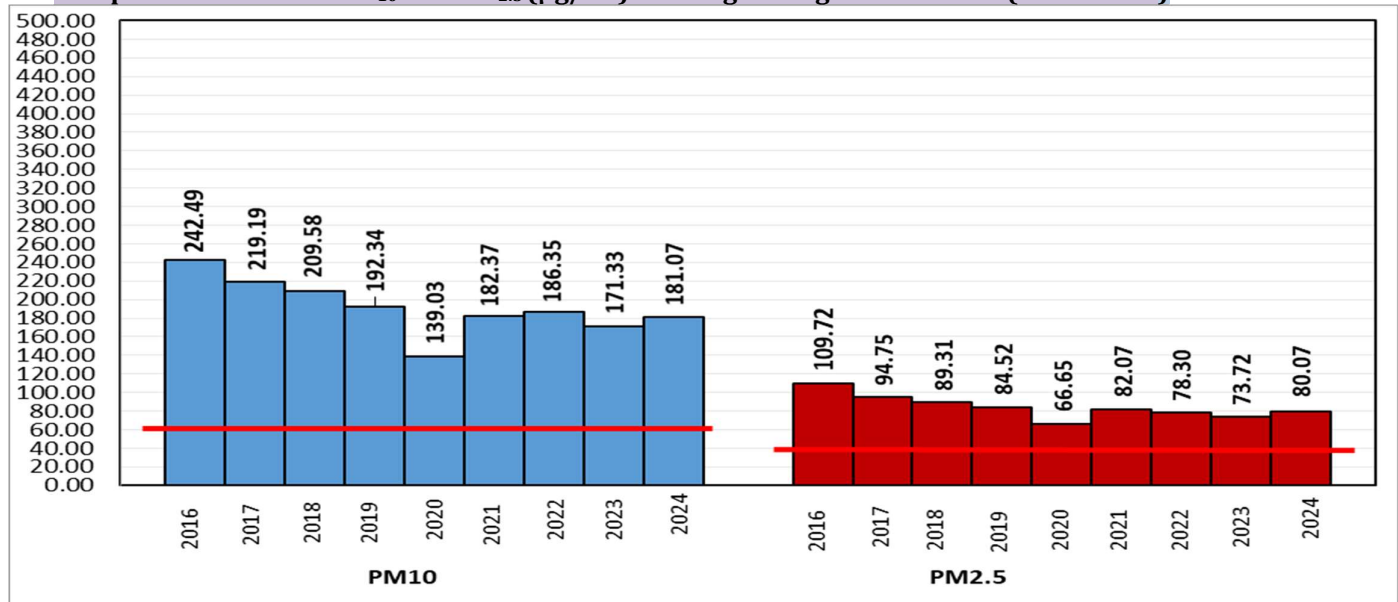
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	285↑	PM ₁₀	Satisfactory	89↓	PM _{2.5} , PM ₁₀	Poor	237↑	PM ₁₀ , PM _{2.5}
Faridabad	Moderate	148↓	PM ₁₀ , PM _{2.5}	Good	34↓	PM _{2.5}	Poor	286↑	PM ₁₀ , O ₃
Ghaziabad	Poor	252↑	PM _{2.5}	Satisfactory	61↓	PM ₁₀ , CO	Poor	247↓	PM ₁₀
Greater Noida	Poor	248↑	PM ₁₀	Moderate	108↓	PM ₁₀	Poor	254↓	PM ₁₀ , PM _{2.5}
Gurugram	Moderate	178↑	PM _{2.5}	Moderate	104↓	PM ₁₀ , PM _{2.5}	Poor	232↑	PM _{2.5}
Noida	Poor	242↑	PM ₁₀ , PM _{2.5}	Satisfactory	80↓	CO	Poor	254↓	PM ₁₀ , O ₃

*Data available for 33(2024), 27(2023), 35(2022) stations in Delhi today. # ↑, ↓ arrows indicate a decrease/increase as compared to the value on the previous day.

Comparative status of AQI - Delhi from 01 January to 17 Oct 2016-2024

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2016	2017	2018	2019	2020	2021	2022	2023	2024	
	No. of days	279	290	290	290	291	290	290	290	291										
Good (0-50)		0	2	0	2	5	0	3	1	0										
Satisfactory (51-100)		23	45	53	57	95	70	65	60	66	110	149	157	174	224	189	160	203	201	
Moderate (101-200)		87	102	104	115	124	119	92	142	135										
Poor (201-300)		106	101	97	80	49	61	108	63	54										
Very Poor (301-400)		56	40	30	29	16	34	21	21	33	169	141	133	116	67	101	130	87	90	
Severe (>401)		7	0	6	7	2	6	1	3	3										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Oct 16 (2016-2024)



*Red line shows the annual average concentration standards for PM₁₀ and PM_{2.5}.

Daily Average of Particulates in Delhi (24 hourly average value; from 06:00am of 16.10.24 to 06:00 am of 17.10.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
16- Oct -2024	117↑	305↑

Hotspots for Today:		*Details given below	
Delhi	Mundka, Jahangirpuri, Patparganj, Shadipur, Rohini	Ghaziabad	Sanjay Nagar
Faridabad	New Industrial Town	Greater Noida	Knowledge Park – III, Knowledge Park - V
Gurugram	Teri Gram, Sector-51	Noida	Sector – 62, Sector - 116

Forecast by IITM(Delhi):			
	Oct 18, 2024	Oct 19, 2024	Oct 20, 2024
AQI Category	Poor	Poor	Very Poor

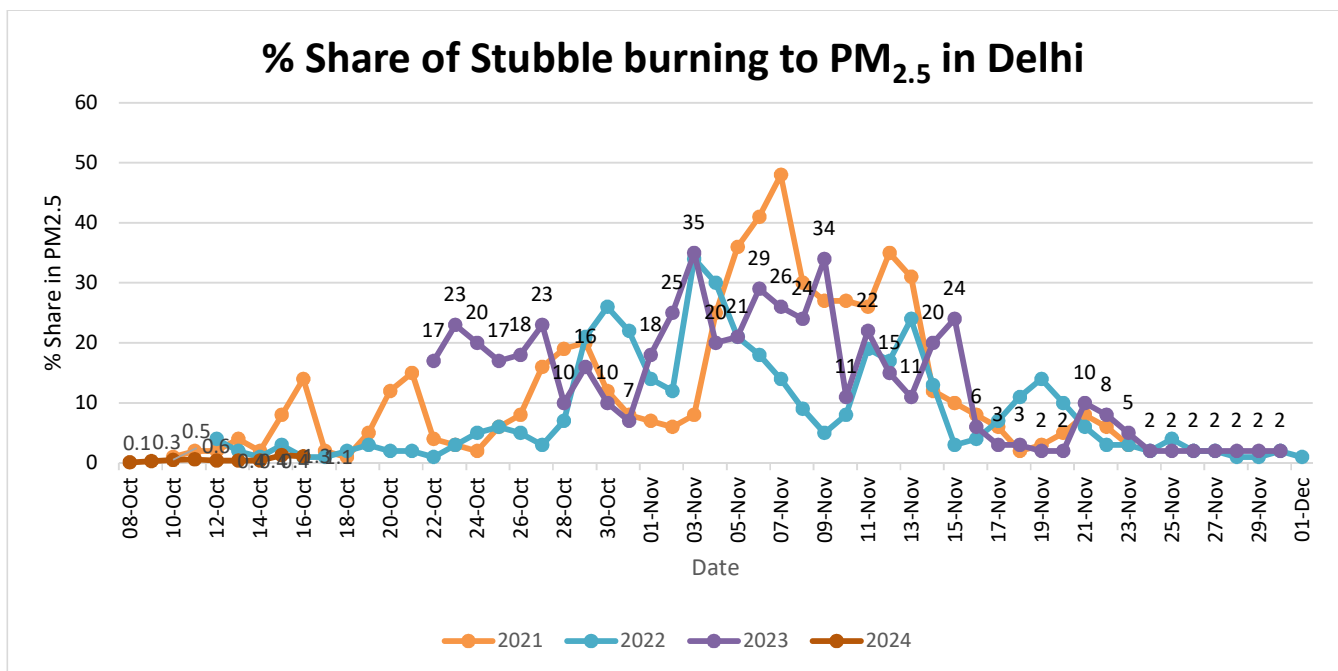
Wind Forecast for Delhi:					
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Oct 18, 2024	04 TO 10	07	18	SE	W
Oct 19, 2024	06 TO 10	06	21	SE	W
Oct 20, 2024	06 TO 08	05	10	SE	NW

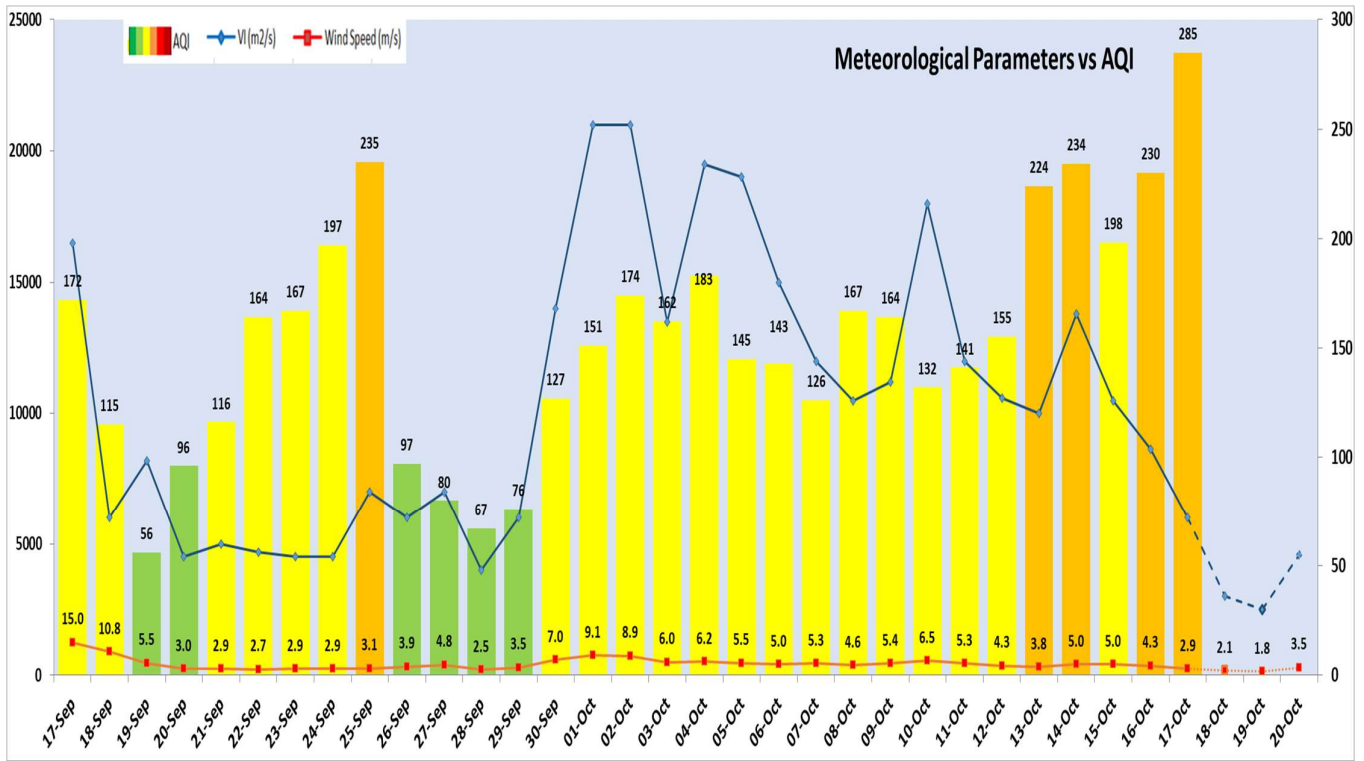
IMD Alert for Tomorrow (18.10.2024):

The air quality is likely to remain in Poor category from 18.10.2024 to 19.10.2024. The predominant surface wind is likely to be coming from Southeast directions in Delhi with wind speed 04-10 kmph and mainly clear sky on 18.10.2024. Ventilation index is likely to be 3000 m²/s.

Date	Punjab		Haryana	
	No. of AFE on the day	Total AFE since September 15	No. of AFE on the day	Total AFE since September 15
16.10.2024	99	1212	14	573
16.10.2023	00	1388	04	546
16.10.2022	206	1444	76	244

% Share of Stubble burning to PM _{2.5} in Delhi	
16.10.2024	*As per IITM, the impact of stubble burning is ~ 1.1 %





Delhi Temperature in (°C)

Date	Minimum	Maximum
14-10-2024	18.6	35.1
15-10-2024	17.4	34.4
16-10-2024	19.0	34.2
17-10-2024	20.3	35.4

*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Mundka, Delhi - DPCC	386	Very Poor	PM ₁₀
	Jahangirpuri, Delhi - DPCC	360	Very Poor	PM ₁₀
	Patparganj, Delhi - DPCC	350	Very Poor	PM ₁₀
	Shadipur, Delhi - CPCB	348	Very Poor	PM ₁₀
	Rohini, Delhi - DPCC	334	Very Poor	PM ₁₀
Faridabad	New Industrial Town, Faridabad - HSPCB	246	Poor	PM ₁₀
Gurugram	Teri Gram, Gurugram - HSPCB	197	Moderate	PM _{2.5}
	Sector-51, Gurugram - HSPCB	185	Moderate	PM _{2.5}
Ghaziabad	Sanjay Nagar, Ghaziabad - UPPCB	270	Poor	PM _{2.5}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	248	Poor	PM _{2.5}
	Knowledge Park - V, Greater Noida - UPPCB	248	Poor	PM ₁₀
Noida	Sector - 62, Noida - IMD	266	Poor	PM ₁₀
	Sector-116, Noida - UPPCB	253	Poor	PM _{2.5}