



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 15, 2024



Current Air Quality Status:

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

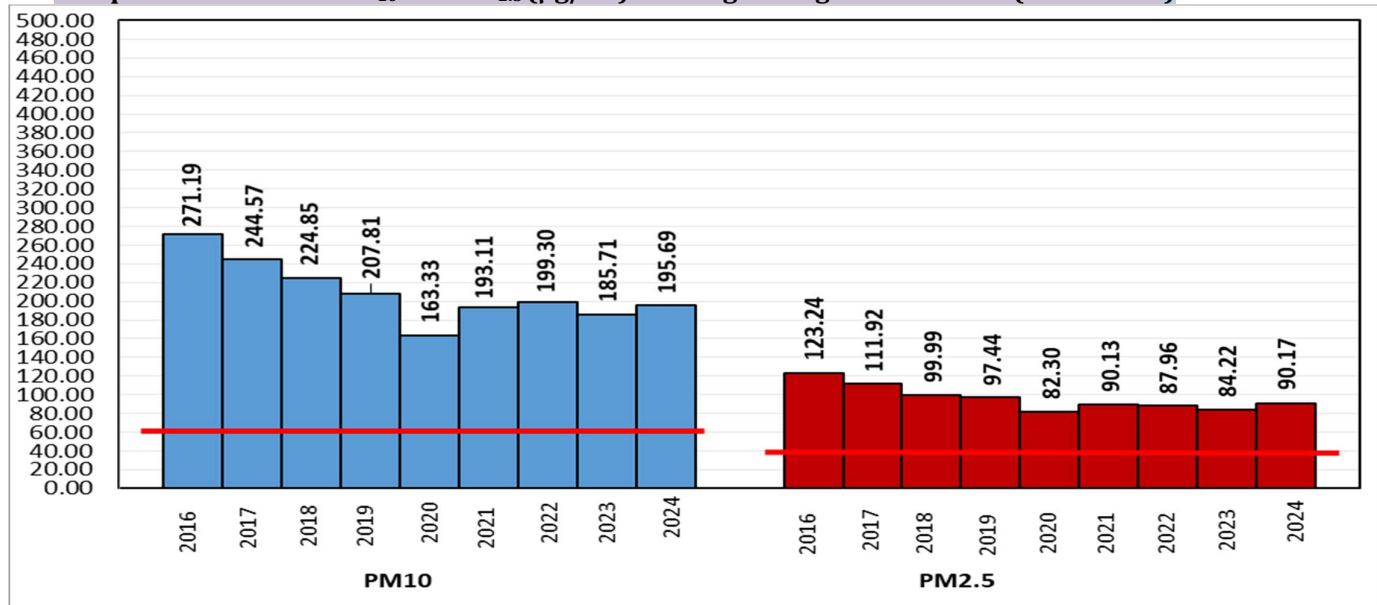
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	396↓	PM _{2.5}	Very Poor	398↑	PM _{2.5}	Poor	227↓	PM _{2.5} , O ₃
Faridabad	Poor	284↑	PM _{2.5}	Very Poor	390↑	PM _{2.5}	Poor	262↓	PM _{2.5}
Ghaziabad	Very Poor	341↓	PM _{2.5}	Very Poor	378↑	PM ₁₀ , PM _{2.5}	Moderate	172↓	PM _{2.5}
Greater Noida	Poor	261↓	PM ₁₀	Very Poor	338↓	PM _{2.5}	Poor	212↓	PM _{2.5} , PM ₁₀
Gurugram	Very Poor	304↓	PM ₁₀ , PM _{2.5}	Poor	297↓	PM _{2.5}	Poor	217↓	PM _{2.5}
Noida	Very Poor	316↓	PM _{2.5}	Very Poor	360↓	PM _{2.5}	Moderate	169↓	PM _{2.5}

*Data available for 38(2024), 35(2023), 37(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 15 Nov 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	308	319	319	319	320	319	319	319	320										
Good (0-50)		0	2	0	2	5	1	3	1	0										
Satisfactory (51-100)		23	45	53	57	95	72	65	60	66	110	149	158	175	224	197	160	206	201	
Moderate (101-200)		87	102	105	116	124	124	92	145	135										
Poor (201-300)		116	104	105	90	56	68	119	72	60										
Very Poor (301-400)		64	59	45	38	30	41	36	32	54	198	170	161	144	96	122	159	113	119	
Severe (>401)		18	7	11	16	10	13	4	9	5										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Nov 14 (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 14.11.24 to 06:00 am of 15.11.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
14-Nov-2024	282↓	462↓

Hotspots for Today:		*Details given below	
Delhi	Jahangirpuri, Bawana, Wazirpur, Rohini, Anand Vihar	Ghaziabad	Loni, Vasundhara
Faridabad	New Industrial Town, Sector- 16A	Greater Noida	Knowledge Park - V
Gurugram	NISE Gwal Pahari	Noida	Sector - 62

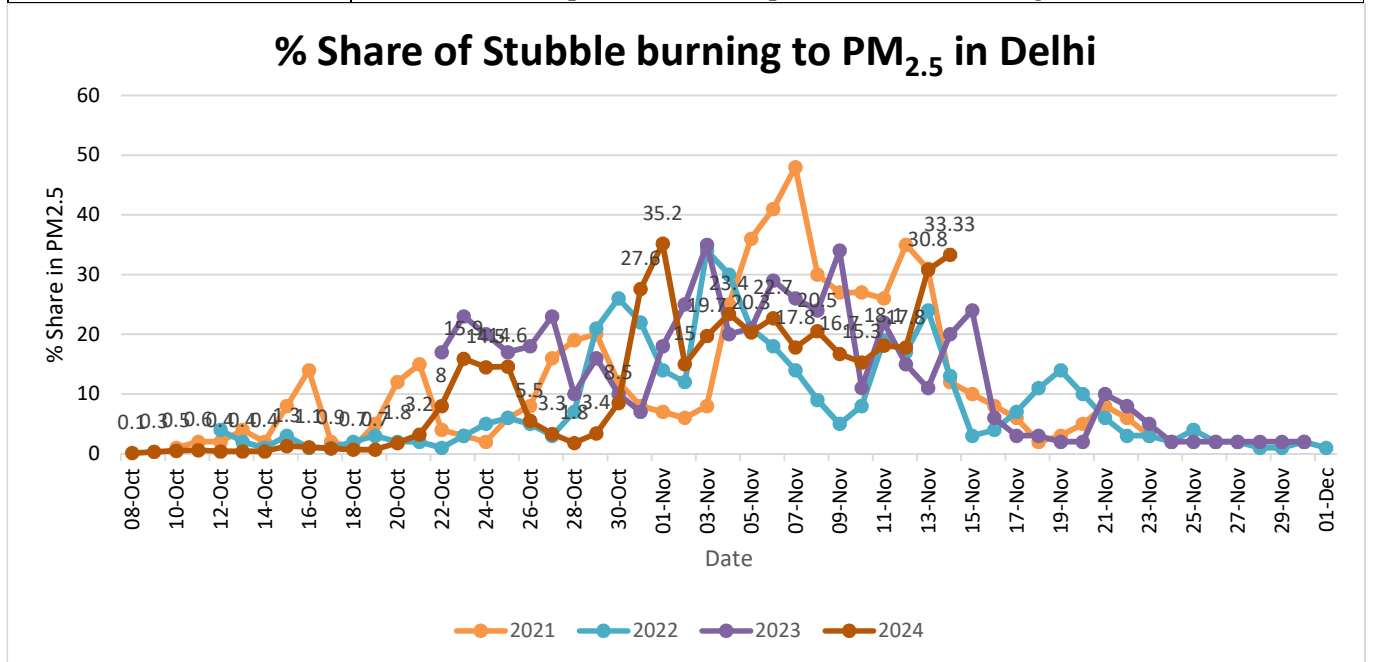
Forecast by IITM(Delhi):			
	Nov 16, 2024	Nov 17, 2024	Nov 18, 2024
AQI Category	Very Poor	Very Poor	Very Poor

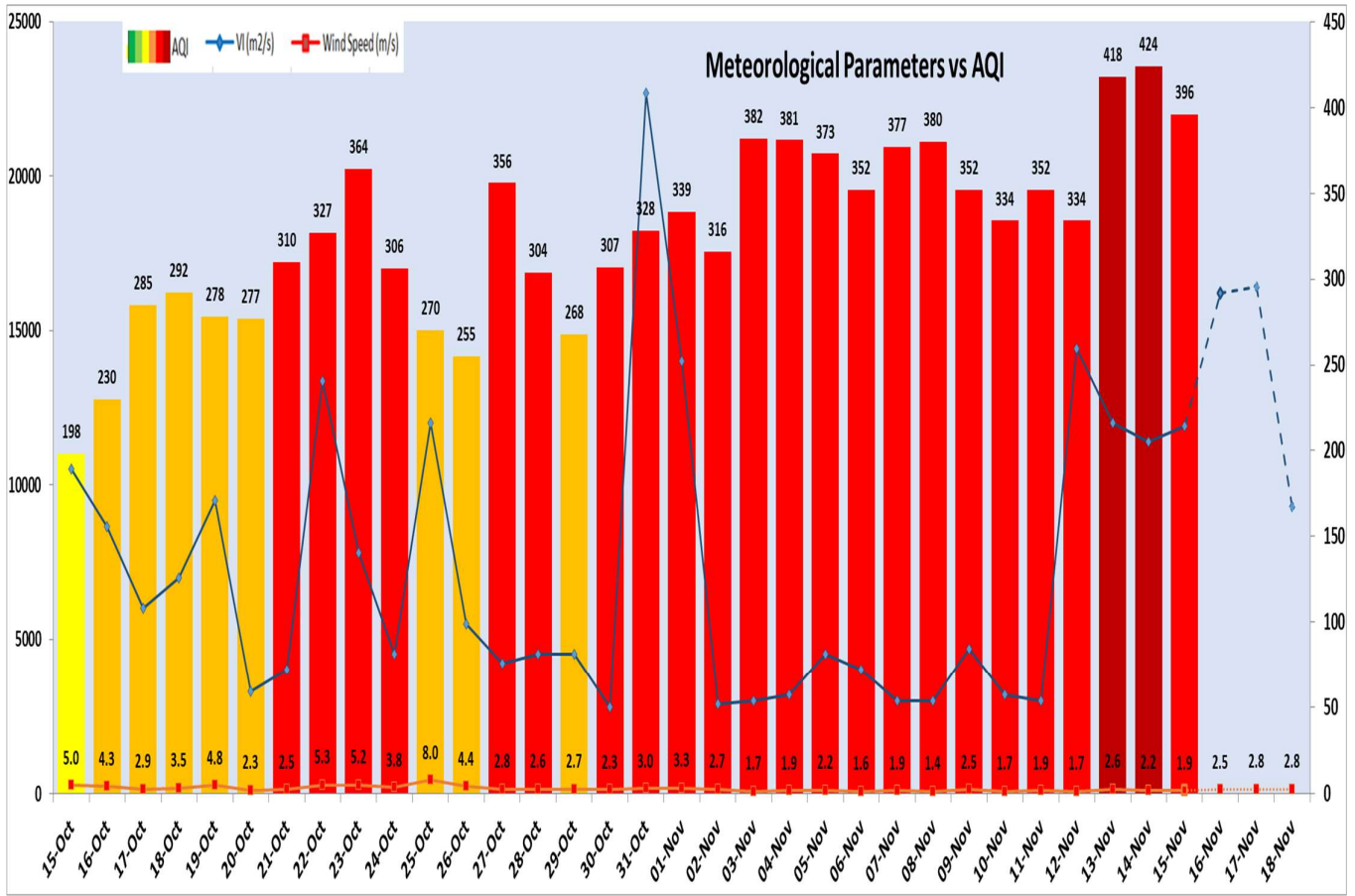
	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
	Nov 16, 2024	04 TO 14	06	20	NW
Nov 17, 2024	06 TO 14	08	23	NW	W
Nov 18, 2024	06 TO 14	06	17	NW	NW

IMD Alert for Tomorrow (16.11.2024):
 The air quality is likely to be in Very Poor category from 16.11.2024 to 18.11.2024. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 04-14 kmph, smog/ moderate fog is likely in the morning, mainly clear sky and smog/ shallow fog is likely in the evening/night on 16.11.2024. Ventilation index is likely to be 16200 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
14.11.2024	05	7626	11	1035
14.11.2023	1776	28117	21	1878
14.11.2022	04	45323	17	3128

% Share of Stubble burning to PM_{2.5} in Delhi
 14.11.2024 *As per IITM, the impact of stubble burning is ~ 33.33 %





Date	Minimum	Maximum
12-11-2024	17.9	32.4
13-11-2024	17.0	32.8
14-11-2024	16.1	27.8
15-11-2024	15.6	29.4

* Source – IMD (08:30 hrs.)

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Jahangirpuri, Delhi - DPCC	463	Severe	PM _{2.5}
	Bawana, Delhi - DPCC	456	Severe	PM _{2.5}
	Wazirpur, Delhi - DPCC	455	Severe	PM _{2.5}
	Rohini, Delhi - DPCC	452	Severe	PM _{2.5}
	Anand Vihar, Delhi - DPCC	450	Severe	PM ₁₀
Faridabad	New Industrial Town, Faridabad - HSPCB	336	Very Poor	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	307	Very Poor	PM _{2.5}
Gurugram	NISE Gwal Pahari, Gurugram - IMD	360	Very Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	407	Severe	PM _{2.5}
	Vasundhara, Ghaziabad - UPPCB	372	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	317	Very Poor	PM ₁₀
Noida	Sector - 62, Noida - IMD	370	Very Poor	PM _{2.5}