



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 20, 2024



Current Air Quality Status:

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

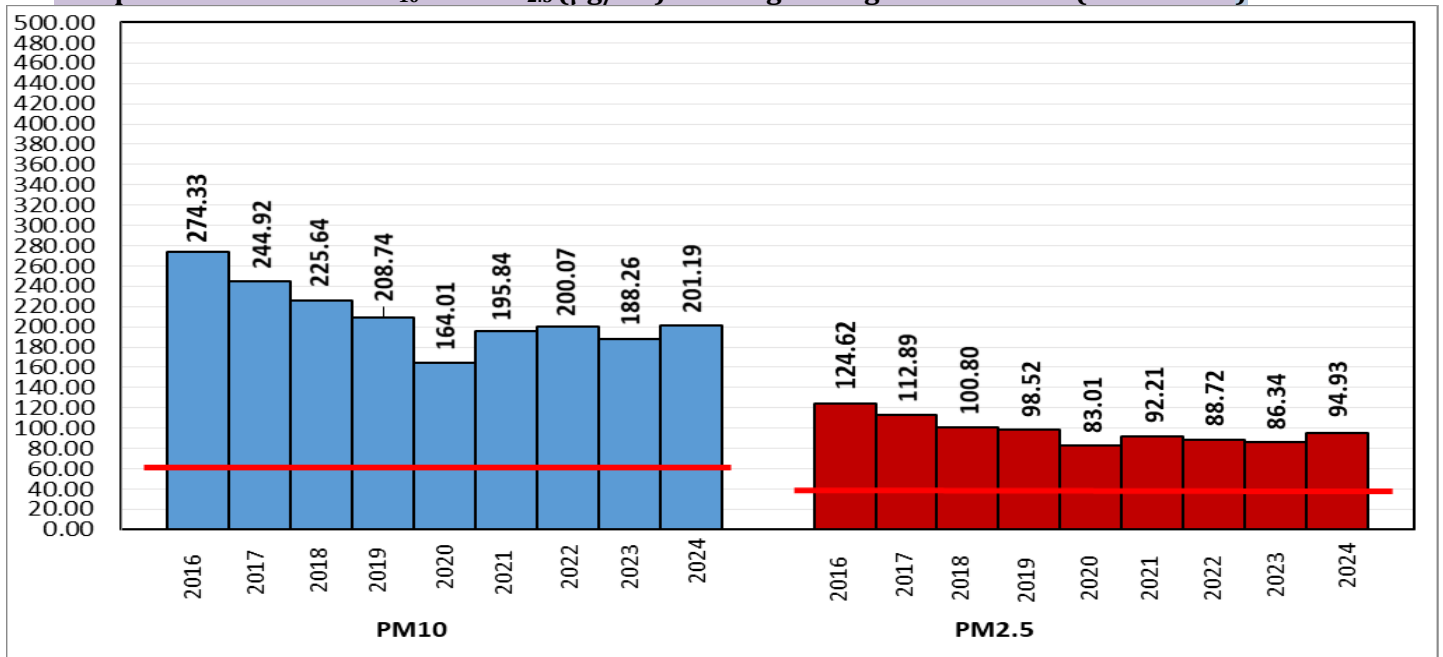
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Severe	419↓	PM _{2.5}	Very Poor	348↑	PM _{2.5}	Very Poor	314↑	PM ₁₀ , PM _{2.5}
Faridabad	Poor	259↓	PM _{2.5}	Very Poor	329↑	PM _{2.5}	Poor	260↑	PM _{2.5}
Ghaziabad	Very Poor	328↓	PM _{2.5}	Very Poor	321↑	PM ₁₀ , PM _{2.5}	Poor	259↓	PM ₁₀
Greater Noida	Very Poor	304↓	PM _{2.5}	Very Poor	318↑	PM _{2.5}	Poor	288↑	PM ₁₀ , PM _{2.5}
Gurugram	Very Poor	374↓	PM _{2.5} , PM ₁₀	Poor	261↑	PM _{2.5}	Poor	284↑	PM _{2.5}
Noida	Very Poor	304↓	PM _{2.5}	Very Poor	331↑	PM _{2.5}	Poor	254↑	PM _{2.5}

*Data available for 37(2024), 38(2023), 36(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 20 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	313	324	324	324	325	324	324	324	325	2016	2017	2018	2019	2020	2021	2022	2023	2024	
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	225	197	160	206	201	
Moderate (101–200)		87	102	105	116	125	124	92	145	135										
Poor (201–300)		116	104	108	93	60	68	123	72	60										
Very Poor (301–400)		69	63	46	40	30	45	37	35	54	203	175	166	149	100	127	164	118	124	
Severe (>401)		18	8	12	16	10	14	4	11	10										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till Nov 19 (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 19.11.24 to 06:00 am of 20.11.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
19-Nov-2024	296↓	426↓

▪ **Hotspots for Today:** *Details given below

Delhi	Wazirpur, Bawana, Mundka, Rohini, Alipur	Ghaziabad	Loni
Faridabad	Sector 30, Sector- 16A, Sector 11	Greater Noida	Knowledge Park - V
Gurugram	NISE Gwal Pahari, Sector-51	Noida	Sector - 62, Sector - 125

▪ **Forecast by IITM(Delhi):**

	Nov 21, 2024	Nov 22, 2024	Nov 23, 2024
AQI Category	Severe	Very 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
Nov 21, 2024	02-10	04	15	N/NW	NW
Nov 22, 2024	02-10	03	15	W/NNW	NW
Nov 23, 2024	02-08	01	07	W/NW	W

▪ **IMD Alert for Tomorrow (21.11.2024):**

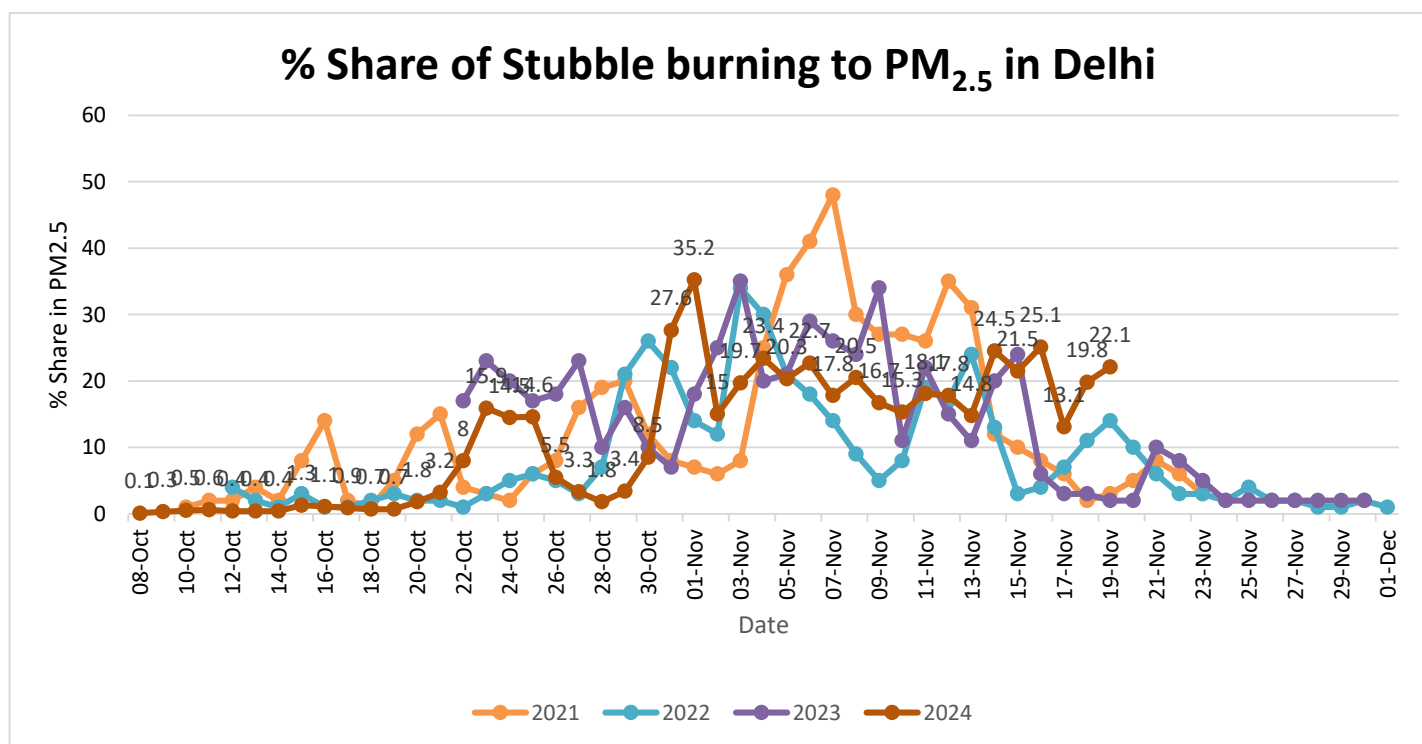
The air quality is likely to be in Severe category on 21.11.2024. The predominant surface wind is likely to be from northwest/west direction with speed less than 10 kmph during morning hours. Smog/ shallow to moderate fog is likely in the morning. The wind speed will increase thereafter becoming less than 10 kmph from west direction during afternoon. It will decrease thereafter becoming less than 04 kmph from northwest direction during evening and night. Smog/ shallow fog is likely in the evening/night and mainly clear sky on 21.11.2024. Ventilation index is likely to be 3500 m²/s.

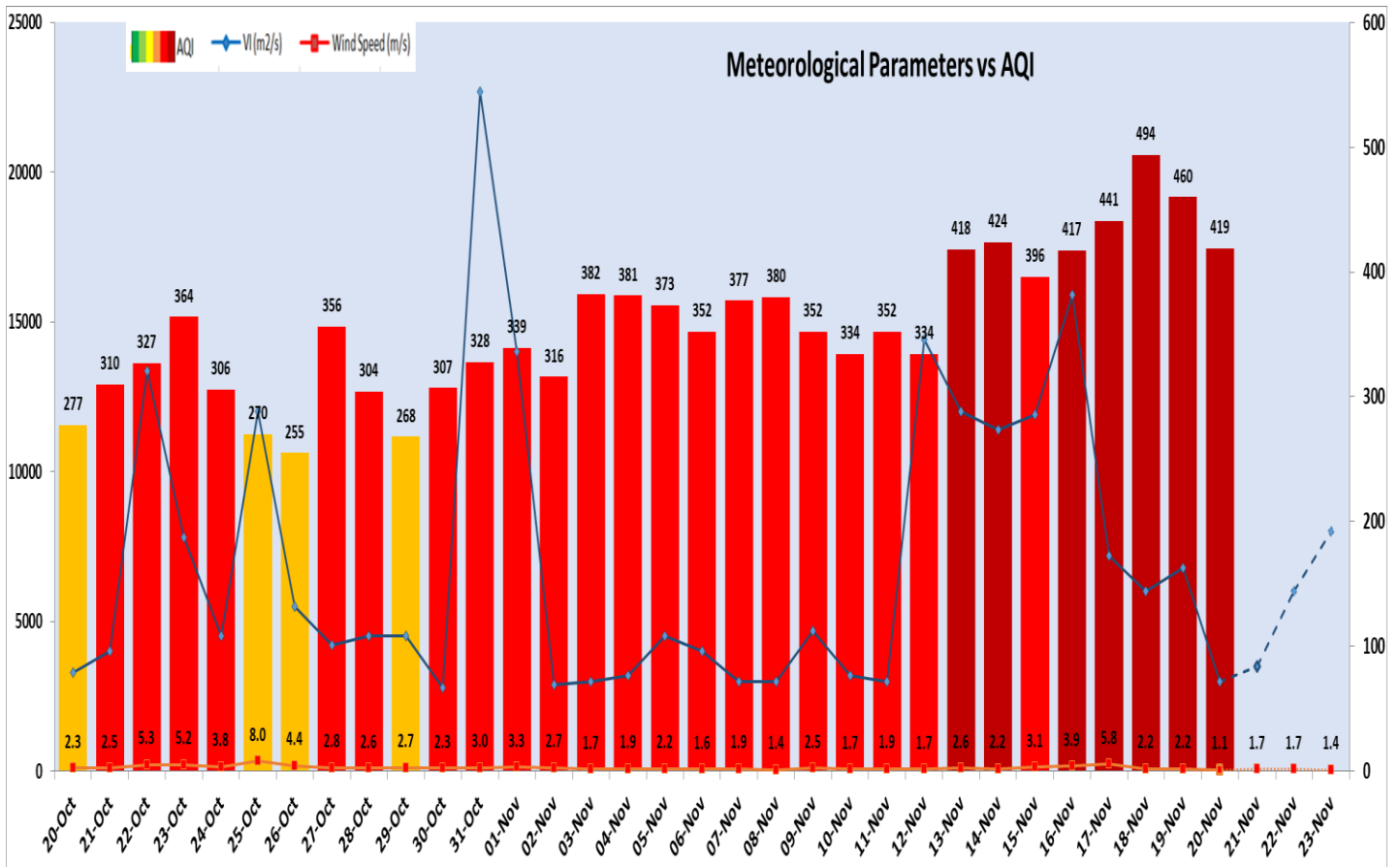
▪ **Active Fire Events (AFE):**

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
19.11.2024	270	9925	35	1153
19.11.2023	740	34459	33	2085
19.11.2022	426	48915	79	3459

▪ **% Share of Stubble burning to PM_{2.5} in Delhi**

19.11.2024	*As per IITM, the impact of stubble burning is ~ 22.1 %
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Delhi Temperature in (°C)*

Date	Minimum	Maximum
17-11-2024	15.9	29.6
18-11-2024	16.2	27.2
19-11-2024	12.3	23.5
20-11-2024	11.2	25.4

* Source – IMD (08:30 hrs.)

*Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Wazirpur, Delhi - DPCC	461	Severe	PM _{2.5}
	Bawana, Delhi - DPCC	459	Severe	PM _{2.5}
	Mundka, Delhi - DPCC	457	Severe	PM _{2.5}
	Rohini, Delhi - DPCC	456	Severe	PM _{2.5}
	Alipur, Delhi - DPCC	452	Severe	PM _{2.5}
Faridabad	Sector 30, Faridabad - HSPCB	302	Very Poor	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	285	Poor	PM _{2.5}
	Sector 11, Faridabad - HSPCB	270	Poor	PM _{2.5}
Gurugram	NISE Gwal Pahari, Gurugram - IMD	415	Severe	PM _{2.5}
	Sector-51, Gurugram - HSPCB	407	Severe	PM ₁₀
Ghaziabad	Loni, Ghaziabad - UPPCB	429	Severe	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	350	Very Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	368	Very Poor	PM _{2.5}
	Sector - 125, Noida - UPPCB	307	Very Poor	PM _{2.5}