



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 28, 2023



Current Air Quality Status:

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

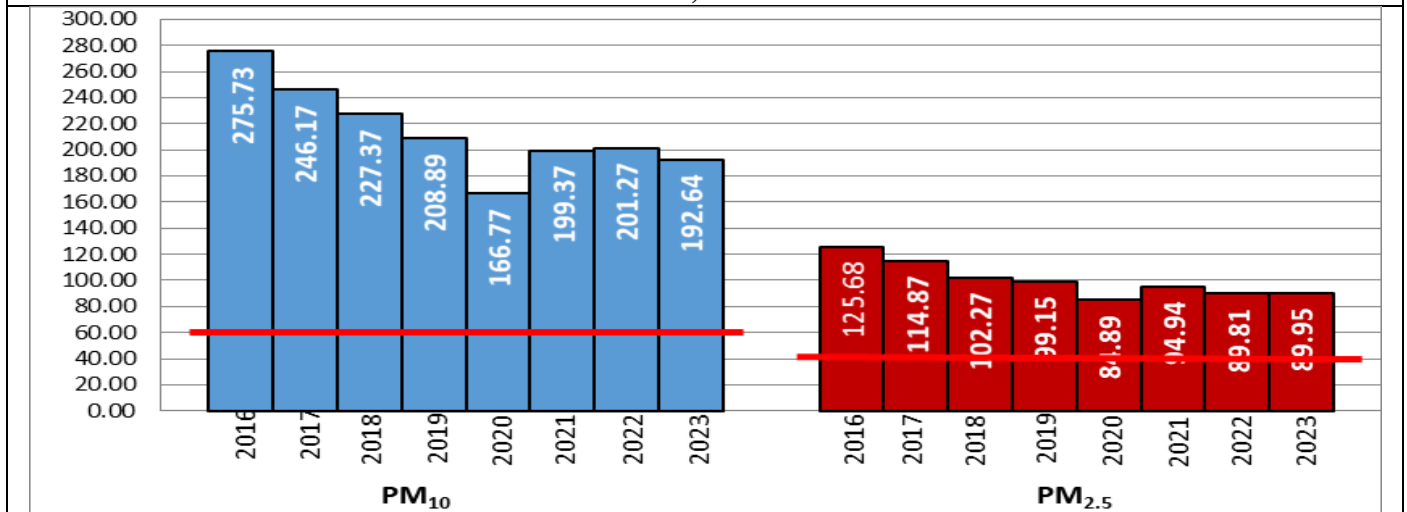
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	312↓	PM2.5	Very Poor	333↑	PM10, PM2.5	Severe	405↑	PM10, PM2.5
Faridabad	Poor	250↓	PM2.5	Very Poor	314↑	PM2.5	Severe	412↓	PM10, PM2.5
Ghaziabad	Poor	250↓	PM2.5	Very Poor	305↑	PM10	Very Poor	353↓	PM2.5
Greater Noida	Poor	274↓	PM2.5	Very Poor	382↑	PM10, PM2.5	Very Poor	346↓	PM10, PM2.5
Gurugram	Moderate	196↓	PM2.5	Poor	283↓	PM2.5	Very Poor	372↑	PM2.5
Noida	Poor	261↓	PM2.5	Very Poor	330↑	PM2.5	Very Poor	362↓	PM2.5

*Data available for 36(2023), 35(2022), 33(2021) 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 28 November 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	321	332	332	332	333	332	332	332	2016	2017	2018	2019	2020	2021	2022	2023
Good (0-50)		0	2	0	2	4	1	3	1								
Satisfactory (51-100)		24	45	53	58	96	72	65	60	110	151	157	177	226	197	160	206
Moderate (101-200)		86	104	104	117	126	124	92	145								
Poor (201-300)		118	104	109	96	64	70	127	72								
Very Poor (301-400)		75	70	54	43	32	48	41	42	211	181	175	155	107	135	172	126
Severe (>401)		18	7	12	16	11	17	4	12								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till November 27 (2016-2023)



*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 27.11.23 to 06:00 am of 28.11.23)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
27- November -2023	210↓	328↓

Hotspots for Today:

*Details given below

Delhi	ITO, Vivek Vihar, Sonia Vihar, Major Dhyan Chand National Stadium, Bawana	Ghaziabad	Loni, Vasundhara, Sanjay Nagar
Faridabad	Sector 30, Sector- 16A	Greater Noida	Knowledge Park -V
Gurugram	Teri Gram	Noida	Sector – 62, Sector - 116

Forecast by IITM (Delhi):

	Nov 28, 2023	Nov 29, 2023	Dec 01, 2023
AQI Category	Very Poor	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 29, 2023	08	03	08	SE/NE	E
Nov 30, 2023	10	05	10	SE	SE
Dec 01, 2023	04	07	15	N	N

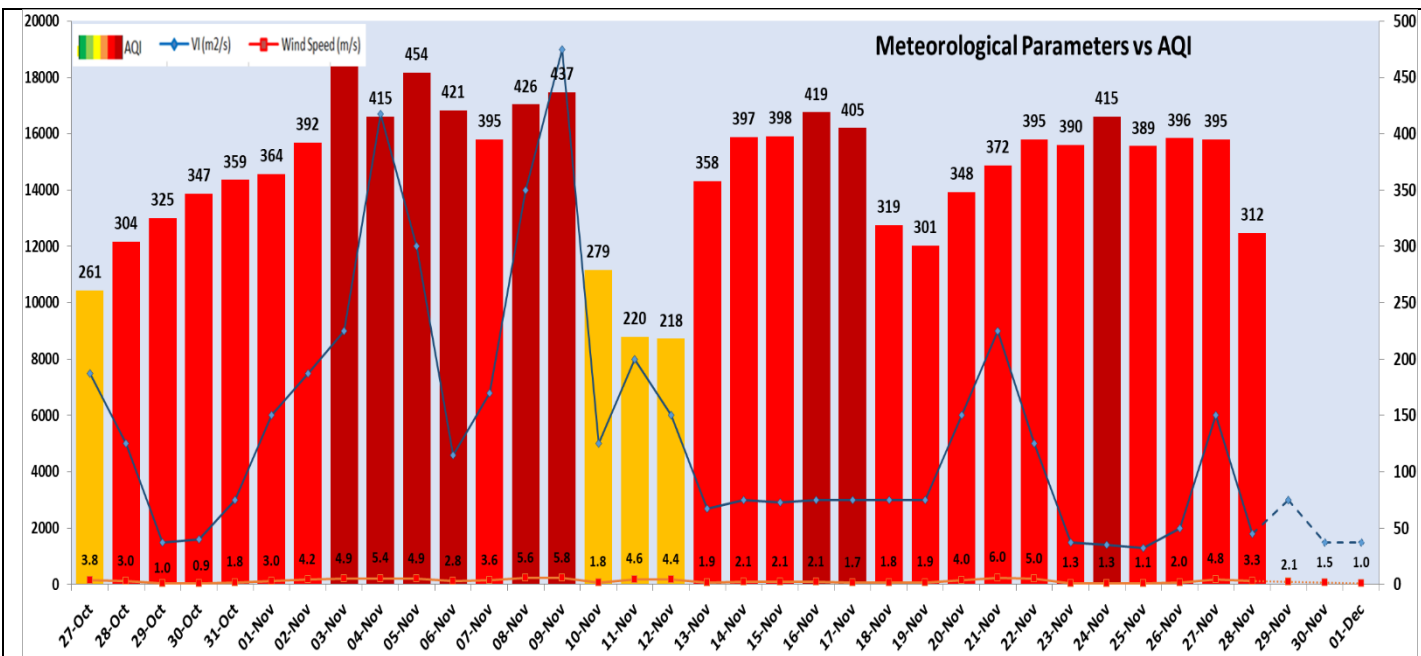
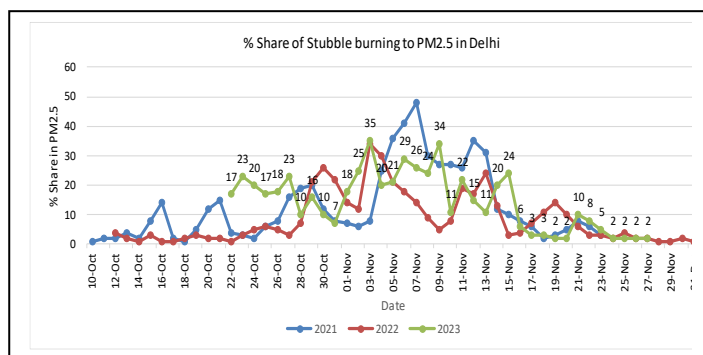
IMD Alert for Tomorrow (29.11.2023):

The air quality is likely to be deteriorate and remain in Very Poor category from 29.11.2023 to 01.12.2023. The predominant surface wind is likely to be coming from Northeast/Southeast directions with wind speed upto 08 kmph, partly cloudy sky and shallow to moderate fog in the morning on 29.11.2023. Ventilation index is likely to be 1500 m²/s.

Active Fire Events (AFEs):

Date	Punjab		Haryana	
	Nos. on the day	Total since September 15	Nos. on the day	Total since September 15
27.11.2023	0	36614	1	2285
27.11.2022	12	49888	8	3629
27.11.2021	19	71286	28	6946

*As per IITM, the impact of stubble burning is ~2%



Delhi Temperature in (°C)		
Date	Minimum	Maximum
25-11-2023	10.2	27.0
26-11-2023	10.4	25.9
27-11-2023	13.4	26.4
28-11-2023	14.2	24.2

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	ITO, Delhi - CPCB	417	Severe	PM _{2.5}
	Vivek Vihar, Delhi - DPCC	374	Very Poor	PM _{2.5}
	Sonia Vihar, Delhi - DPCC	357	Very Poor	PM _{2.5}
	Major Dhyan Chand National Stadium, Delhi - DPCC	353	Very Poor	PM _{2.5}
	Bawana, Delhi - DPCC	350	Very Poor	PM _{2.5}
Faridabad	Sector 30, Faridabad - HSPCB	317	Very Poor	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	300	Poor	PM _{2.5}
Gurugram	Teri Gram, Gurugram - HSPCB	213	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	298	Poor	PM _{2.5}
	Vasundhara, Ghaziabad - UPPCB	267	Poor	PM _{2.5}
	Sanjay Nagar, Ghaziabad - UPPCB	251	Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	274	Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	276	Poor	PM _{2.5}
	Sector-116, Noida - UPPCB	262	Poor	PM _{2.5}