



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – November 15, 2023



Current Air Quality Status:

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

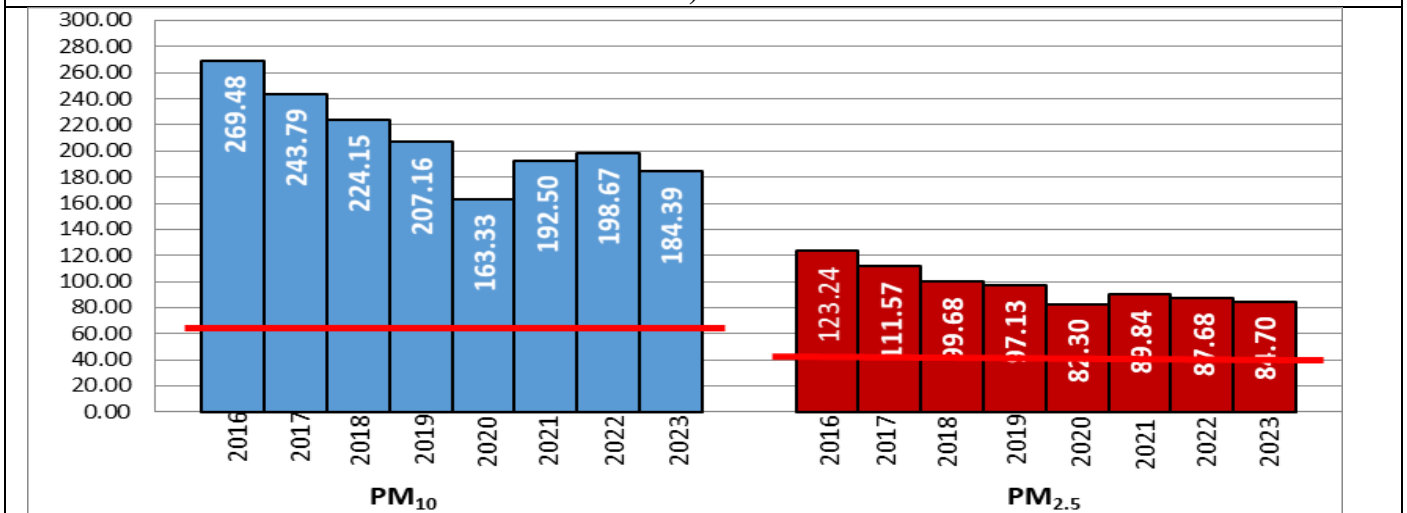
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	398 ↑	PM2.5	Poor	227 ↓	PM2.5, O ₃	Very Poor	353 ↑	PM10, PM2.5
Faridabad	Very Poor	390 ↑	PM2.5	Poor	262 ↓	PM2.5	Very Poor	319 ↑	PM10
Ghaziabad	Very Poor	378 ↑	PM10, PM2.5	Moderate	172 ↓	PM2.5	Very Poor	335 ↑	PM2.5
Greater Noida	Very Poor	338 ↓	PM2.5	Poor	212 ↓	PM2.5, PM10	Very Poor	317 ↑	PM2.5
Gurugram	Poor	297 ↓	PM2.5	Poor	217 ↓	PM2.5	Very Poor	332 ↑	PM2.5
Noida	Very Poor	360 ↓	PM2.5	Moderate	169 ↓	PM2.5	Very Poor	338 ↑	PM2.5

*Data available for 35(2023), 37(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 15 November 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	308	319	319	319	320	319	319	319	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	175	224	197	160	206
Moderate (101-200)		86	104	104	115	124	124	92	145								
Poor (201-300)		116	102	104	90	56	69	119	72								
Very Poor (301-400)		64	60	47	38	30	40	36	32	198	168	162	144	96	122	159	113
Severe (>401)		18	6	11	16	10	13	4	9								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till November 14 (2016-2023)



*Red line shows the annual average concentration standards for PM10 and PM2.5.

Daily Average of Particulates in Delhi

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
14- November -2023	242 ↓	358 ↓

Hotspots for Today:

*Details given below

Delhi	Nehru Nagar, Jahangirpuri, Punjabi Bagh, Bawana, Anand Vihar	Ghaziabad	Indirapuram , Vasundhara
Faridabad	Sector- 16A, New Industrial Town	Greater Noida	Knowledge Park -III
Gurugram	Sector-51, Teri Gram	Noida	Sector – 62

Forecast by IITM (Delhi):

	Nov 16, 2023	Nov 17, 2023	Nov 18, 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 16. 2023	06-08	03	04	E	NE
Nov 17. 2023	04-08	04	10	E	E
Nov 18. 2023	04-08	03	06	N/E	NE

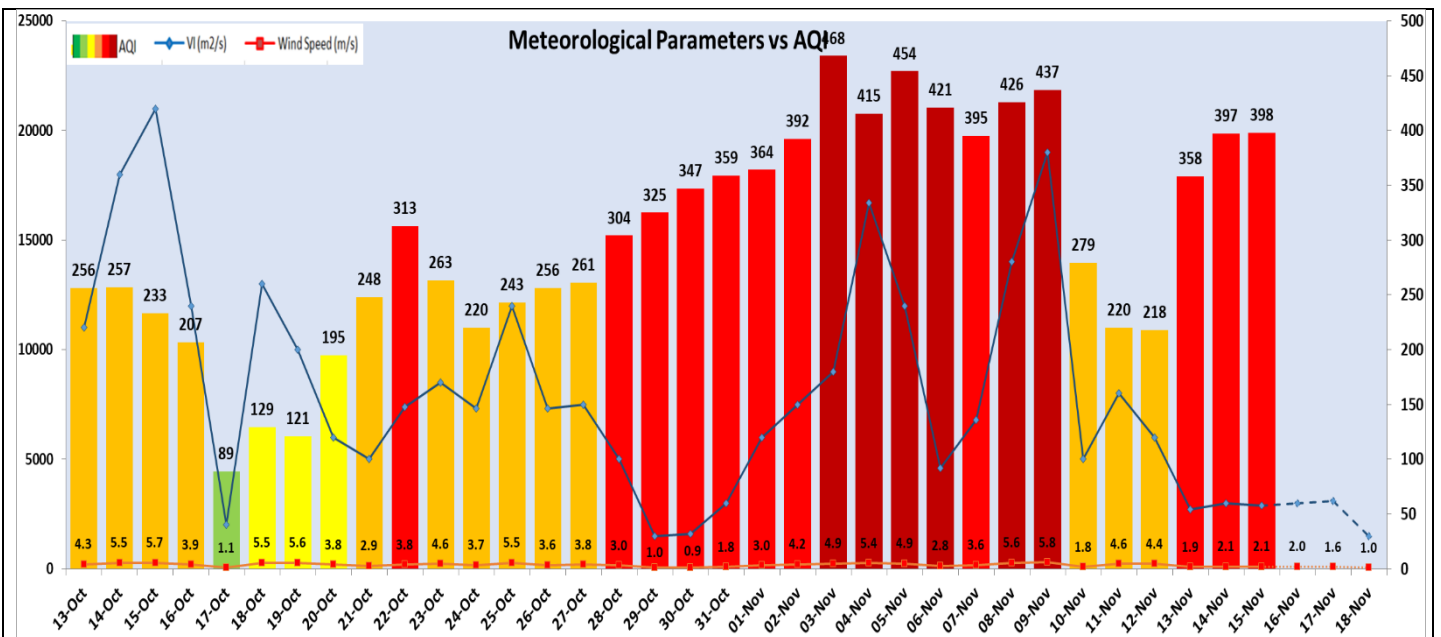
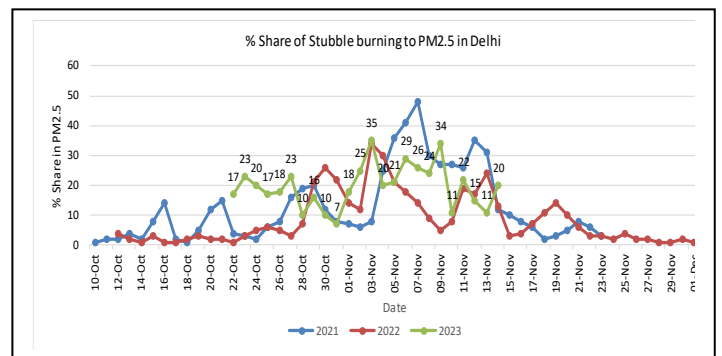
IMD Alert for Tomorrow (16.11.2023):

The air quality is likely to remain in Very Poor category from 16.11.2023 to 18.11.2023. The predominant surface wind is likely to be calm in the morning hours and coming from East directions in Delhi with wind speed up to 08-06 kmph, mainly clear sky and shallow fog in the morning on 16.11.2023. Ventilation index is likely to be 3000 m²/s.

Active Fire Events (AFE):

Date	Punjab		Haryana	
	Nos. on the day	Total since September 15	Nos. on the day	Total since September 15
14.11.2023	1776	28117	21	1878
14.11.2022	04	45323	17	3128
14.11.2021	2541	65404	195	5595

*As per IITM, the impact of stubble burning is ~20% ↑



Delhi Temperature in (°C)

Date	Minimum	Maximum
12-11-2023	12.4	26.3
13-11-2023	11.8	27.5
14-11-2023	12.0	27.3
15-11-2023	10.9	25.9

Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Nehru Nagar, Delhi - DPCC	449	Severe	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	443	Severe	PM _{2.5}
	Punjabi Bagh, Delhi - DPCC	439	Severe	PM _{2.5}
	Bawana, Delhi - DPCC	433	Severe	PM _{2.5}
	Anand Vihar, Delhi - DPCC	427	Severe	PM _{2.5}
Faridabad	Sector- 16A, Faridabad - HSPCB	410	Severe	PM _{2.5}
	New Industrial Town, Faridabad - HSPCB	395	Very Poor	PM ₁₀
Gurugram	Sector-51, Gurugram - HSPCB	309	Very Poor	PM _{2.5}
	Teri Gram, Gurugram - HSPCB	300	Poor	PM _{2.5}
Ghaziabad	Indrapuram, Ghaziabad - UPPCB	383	Very Poor	PM ₁₀
	Vasundhara, Ghaziabad - UPPCB	382	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	338	Very Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	385	Very Poor	PM _{2.5}