



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – May 19, 2024



Current Air Quality Status:

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

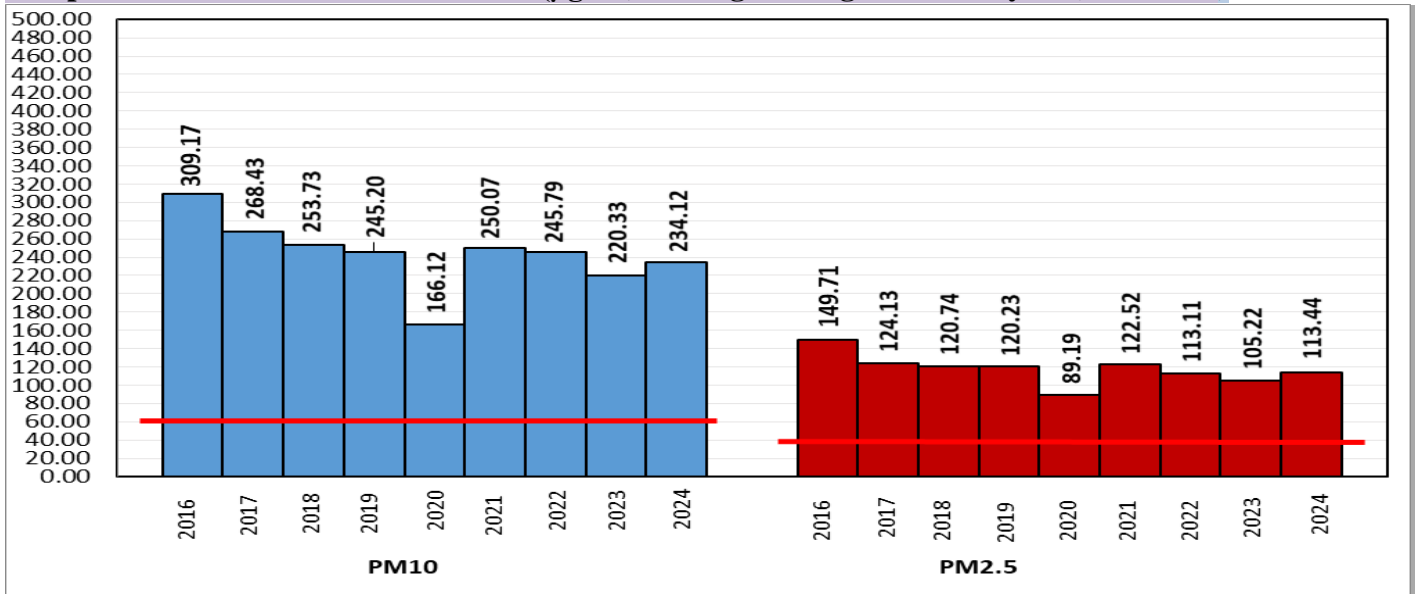
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	243↓	PM ₁₀ , PM _{2.5}	Moderate	152↑	O ₃ , PM _{2.5}	Poor	202↓	PM _{2.5} , PM ₁₀ , O ₃
Faridabad	Poor	252↓	PM _{2.5}	Satisfactory	99↓	PM ₁₀	Poor	248↓	PM _{2.5} , PM ₁₀
Ghaziabad	Poor	218↓	PM ₁₀	Moderate	142↑	O ₃ , PM ₁₀	Moderate	187↓	PM ₁₀ , O ₃
Greater Noida	Poor	293↓	PM ₁₀	Moderate	154↓	O ₃	Poor	254↑	PM ₁₀ , O ₃
Gurugram	Poor	251↓	PM _{2.5}	Moderate	162↑	PM _{2.5} , O ₃	Moderate	156↓	PM _{2.5} , PM ₁₀
Noida	Poor	236↓	PM ₁₀ , PM _{2.5}	Moderate	146↑	NO ₂ , PM ₁₀	Poor	203↓	PM ₁₀

*Data available for 37(2024), 36(2023), 38(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 19 May 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	136	139	139	139	140	139	139	139	140	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Good (0-50)		0	0	0	0	1	0	0	0	0										
Satisfactory (51-100)		0	0	1	2	27	2	3	5	0	12	31	42	51	86	48	33	63	69	
Moderate (101-200)		12	31	41	49	58	46	30	58	69										
Poor (201-300)		68	73	67	55	37	52	87	52	36										
Very Poor (301-400)		50	35	27	26	15	33	18	21	32	124	108	97	88	54	91	106	76	71	
Severe (>401)		6	0	3	7	2	6	1	3	3										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till May 18 (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 18.05.24 to 06:00 am of 19.05.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
18- May -2024	102↑	279↑

Hotspots for Today: *Details given below

Delhi	Mundka, NSIT Dwarka, Jahangirpuri, CRRI Mathura Road, Dwarka-Sector 8	Ghaziabad	Indrapuram, Loni
Faridabad	Sector 11	Greater Noida	Knowledge Park - III
Gurugram	Sector-51, Teri Gram	Noida	Sector - 125, Sector-116

Forecast by IITM(Delhi):

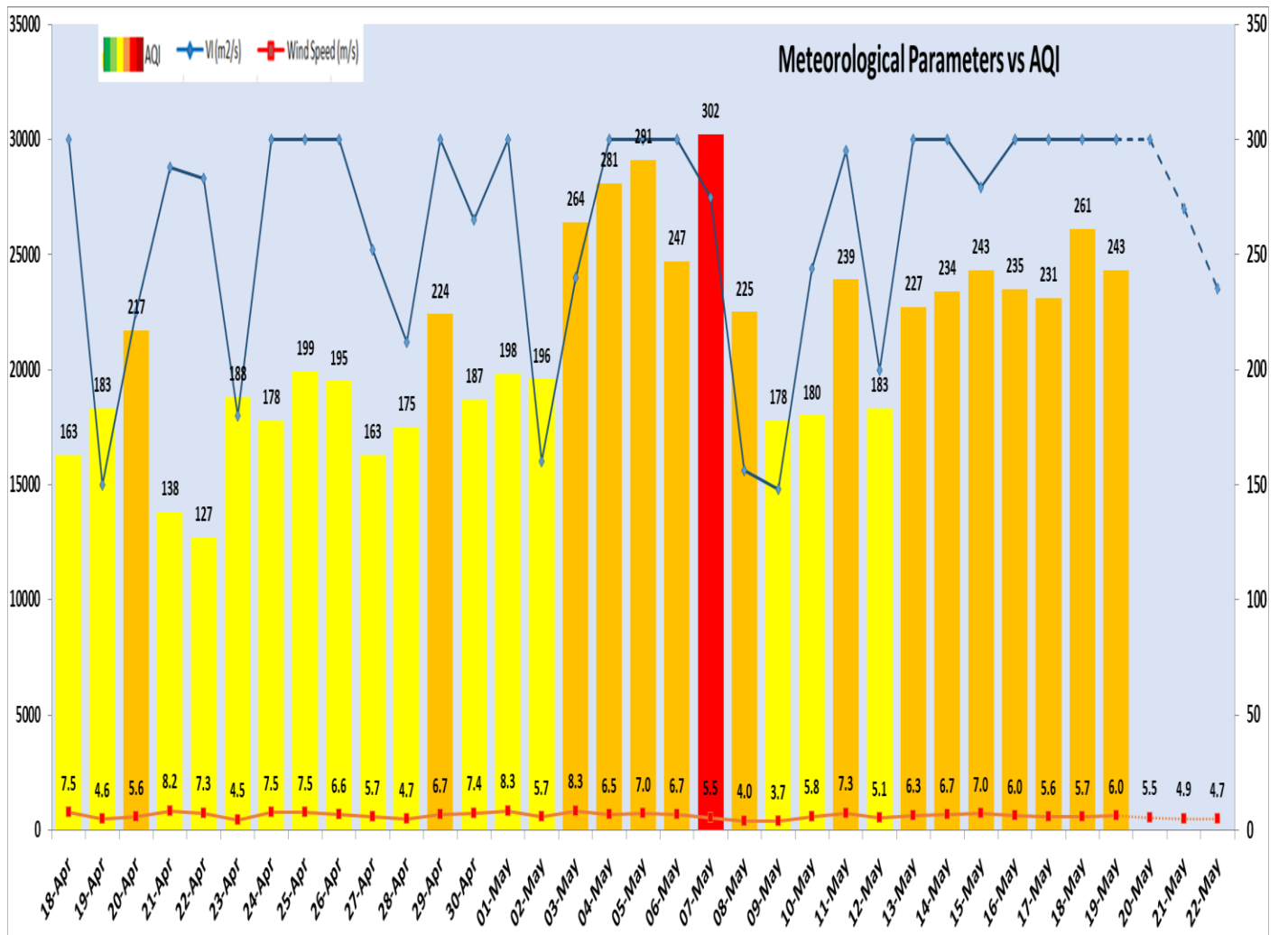
	May 20, 2024	May 21, 2024	May 22, 2024
AQI Category	Poor	Poor	Poor

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
May 20. 2024	20 TO 30	19	32	WNW	W
May 21. 2024	15 TO 20	21	30	W	W
May 22. 2024	10 TO 15	12	21	SE	NW

IMD Alert for Tomorrow (20.05.2024):

The air quality is likely to be in Poor category from 20.05.2024 to 22.05.2024. The predominant surface wind is likely to be coming from West-Northwest directions in Delhi with wind speed 20-30 kmph, mainly clear sky, heat wave conditions at many places with severe heat wave at isolated places and strong surface winds (speed 25-35 kmph) during the day on 20.05.2024. Ventilation index is likely to be more than 30000 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
16-05-2024	24.8	41.2
17-05-2024	25.4	42.5
18-05-2024	27.1	43.6
19-05-2024	28.2	43.7

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Mundka, Delhi - DPCC	368	Very Poor	PM ₁₀
	NSIT Dwarka, Delhi - CPCB	346	Very Poor	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	322	Very Poor	PM ₁₀
	CRRJ Mathura Road, Delhi - IMD	301	Very Poor	PM ₁₀
	Dwarka-Sector 8, Delhi - DPCC	300	Poor	PM ₁₀
Faridabad	Sector 11, Faridabad - HSPCB	252	Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	324	Very Poor	PM _{2.5}
	Teri Gram, Gurugram - HSPCB	294	Poor	PM _{2.5}
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	282	Poor	PM ₁₀
	Loni, Ghaziabad - UPPCB	219	Poor	PM ₁₀
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	300	Poor	PM ₁₀
Noida	Sector - 125, Noida - UPPCB	295	Poor	PM ₁₀
	Sector-116, Noida - UPPCB	259	Poor	PM ₁₀