



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – May 20, 2024



Current Air Quality Status:

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

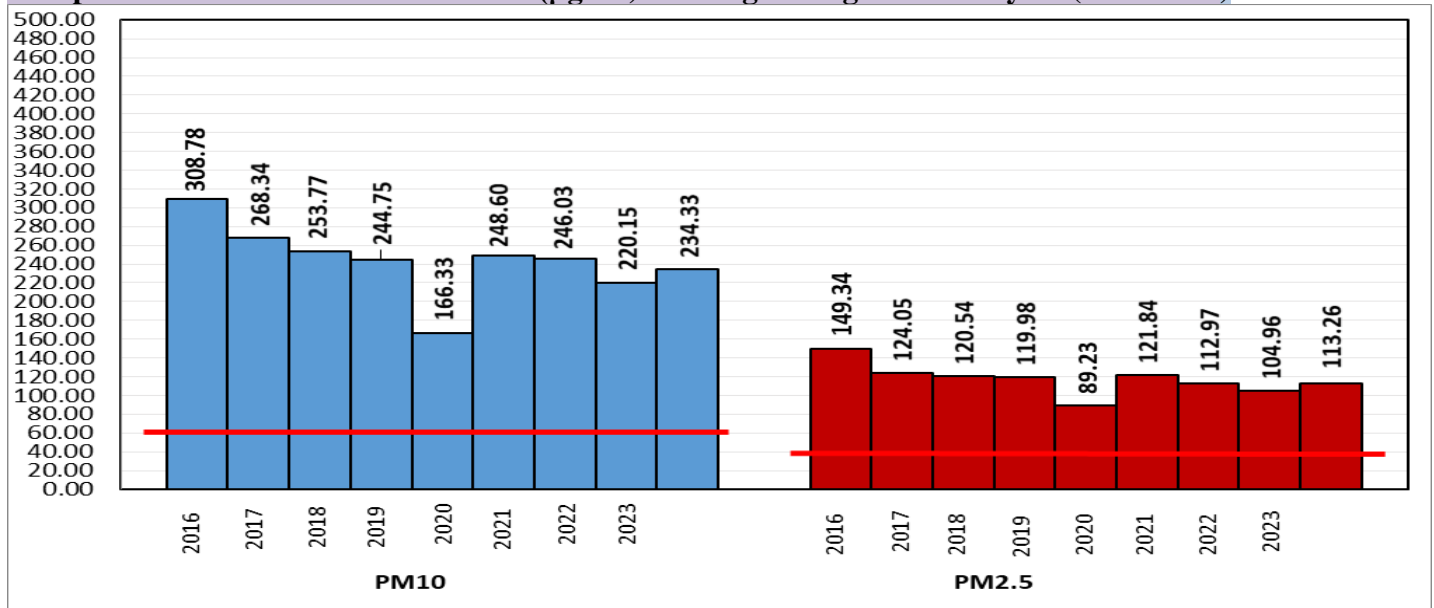
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	226↓	PM ₁₀ , PM _{2.5}	Moderate	186↑	PM ₁₀ , PM _{2.5}	Poor	266↑	PM ₁₀
Faridabad	Moderate	198↓	PM _{2.5} , CO	Moderate	120↑	PM ₁₀ , PM _{2.5}	Poor	284↑	PM _{2.5} , PM ₁₀
Ghaziabad	Moderate	184↓	PM ₁₀ , O ₃	Moderate	178↑	PM ₁₀	Poor	275↑	PM ₁₀
Greater Noida	Poor	284↓	PM ₁₀	Moderate	187↑	PM ₁₀	Poor	274↑	PM ₁₀
Gurugram	Poor	207↓	PM _{2.5}	Moderate	198↑	PM _{2.5}	Poor	258↑	PM ₁₀
Noida	Poor	244↑	PM ₁₀ , O ₃	Moderate	172↑	NO ₂ , PM ₁₀	Very Poor	306↑	PM ₁₀

*Data available for 39(2024), 34(2023), 35(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 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	137	140	140	140	141	140	140	140	141	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Good (0-50)		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Satisfactory (51-100)		0	0	1	2	27	3	3	5	0	12	32	42	51	87	49	33	64	69	
Moderate (101-200)		12	32	41	49	59	46	30	59	69										
Poor (201-300)		69	73	68	56	37	52	88	52	37										
Very Poor (301-400)		50	35	27	26	15	33	18	21	32	125	108	98	89	54	91	107	76	72	
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 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 19.05.24 to 06:00 am of 20.05.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
19- May -2024	89↓	263↓

Hotspots for Today:

*Details given below

Delhi	Shadipur, NSIT Dwarka, Jahangirpuri, Anand Vihar, Mundka	Ghaziabad	Indirapuram, Loni
Faridabad	New Industrial Town, Sector 11	Greater Noida	Knowledge Park - V
Gurugram	Teri Gram	Noida	Sector - 125, Sector-116

Forecast by IITM(Delhi):

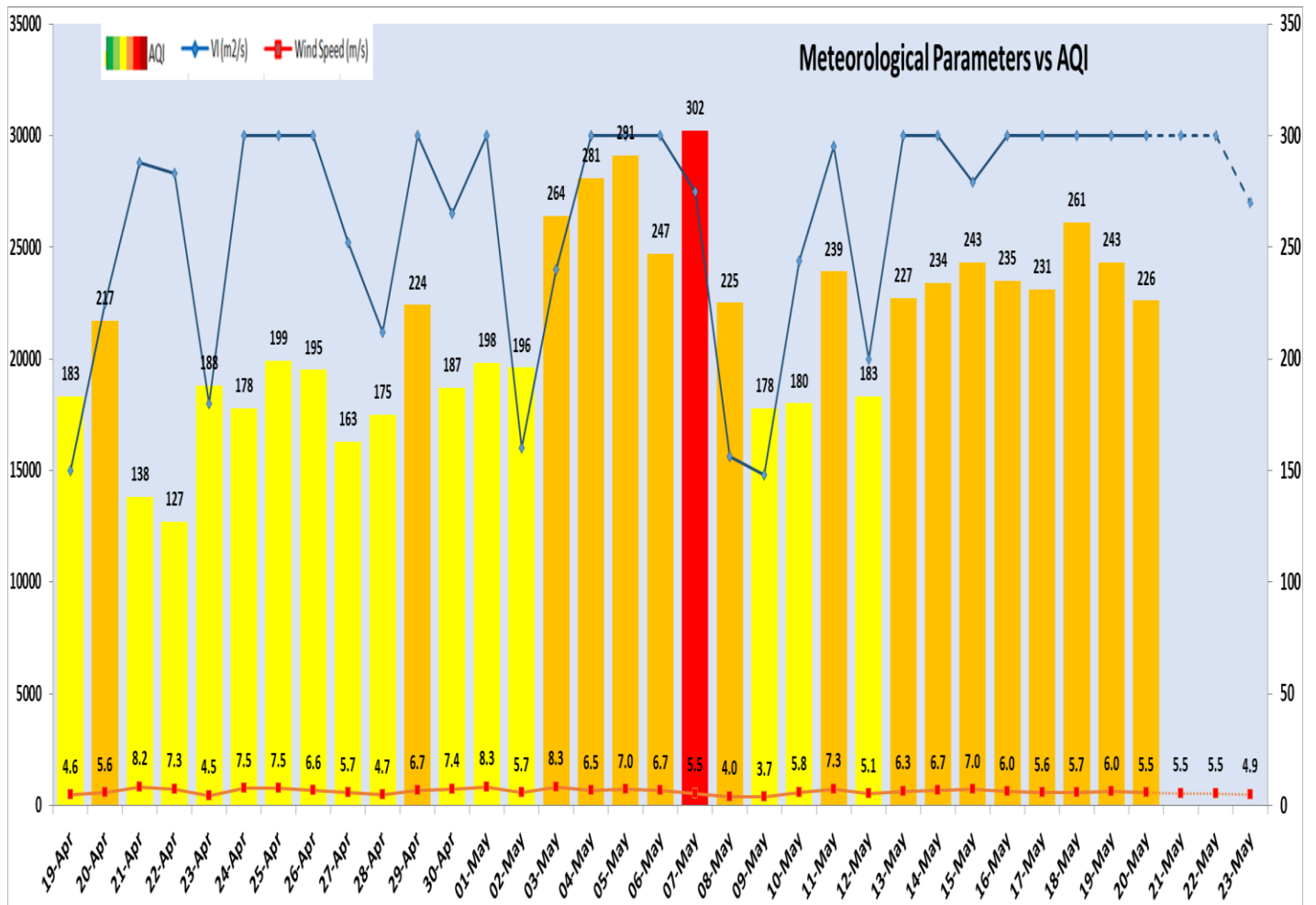
	May 21, 2024	May 22, 2024	May 23, 2024
AQI Category	Poor	Poor	Poor

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 21. 2024	15-25	17	27	W/NW	NW
May 22. 2024	12-20	13	20	VAR	NW
May 23. 2024	12-20	11	20	SE/NE	NW

IMD Alert for Tomorrow (21.05.2024):

The air quality is likely to be in Poor category from 21.05.2024 to 23.05.2024. The predominant surface wind is likely to be coming from West/Northwest directions in Delhi with wind speed 15-25 kmph, mainly clear sky, heat wave conditions at most places with severe heat wave at isolated places and strong surface winds (speed 25-35 kmph) during the day on 21.05.2024. Ventilation index is likely to be more than 30000 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
17-05-2024	25.4	42.5
18-05-2024	27.1	43.6
19-05-2024	28.2	43.7
20-05-2024	29.2	44.4

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Shadipur, Delhi - CPCB	350	Very Poor	PM ₁₀
	NSIT Dwarka, Delhi - CPCB	332	Very Poor	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	316	Very Poor	PM ₁₀
	Anand Vihar, Delhi - DPCC	297	Poor	PM ₁₀
	Mundka, Delhi - DPCC	284	Poor	PM ₁₀
Faridabad	New Industrial Town, Faridabad - HSPCB	285	Poor	PM _{2.5}
	Sector 11, Faridabad - HSPCB	220	Poor	PM _{2.5}
Gurugram	Teri Gram, Gurugram - HSPCB	296	Poor	PM _{2.5}
Ghaziabad	Indrapuram, Ghaziabad - UPPCB	247	Poor	PM ₁₀
	Loni, Ghaziabad - UPPCB	203	Poor	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	310	Very Poor	PM ₁₀
Noida	Sector - 125, Noida - UPPCB	347	Very Poor	PM ₁₀
	Sector-116, Noida - UPPCB	256	Poor	PM ₁₀