



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – May 21, 2024



Current Air Quality Status:

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

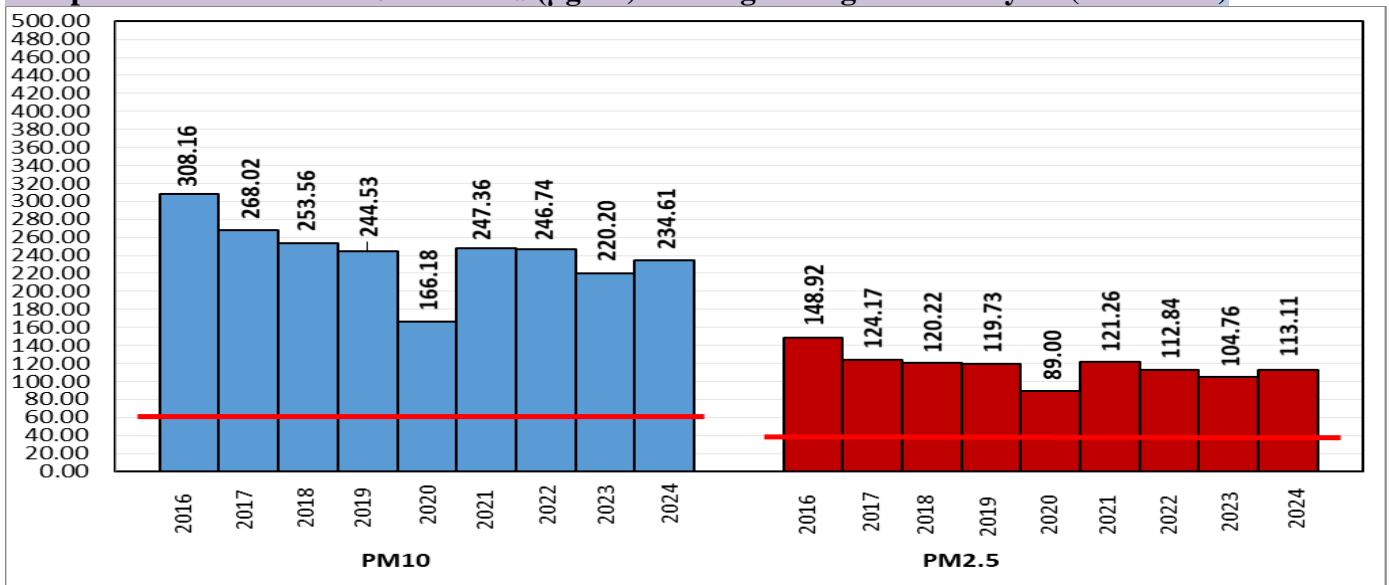
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	239↑	PM ₁₀	Poor	215↑	PM ₁₀	Poor	285↑	PM _{2.5} , PM ₁₀
Faridabad	Poor	243↑	PM _{2.5}	Moderate	152↑	PM ₁₀ , PM _{2.5}	Poor	252↓	PM ₁₀
Ghaziabad	Poor	201↑	PM ₁₀	Poor	233↑	PM ₁₀ , O ₃	Very Poor	313↑	PM ₁₀
Greater Noida	Very Poor	309↑	PM ₁₀	Poor	242↑	PM ₁₀	-	-	-
Gurugram	Poor	273↑	PM _{2.5}	Moderate	183↓	PM _{2.5}	Poor	280↑	PM ₁₀
Noida	Poor	251↑	PM ₁₀	Poor	234↑	PM ₁₀	Very Poor	312↑	PM ₁₀

*Data available for 36(2024), 37(2023), 37(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 21 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	138	141	141	141	142	141	141	141	142										
Good (0-50)		0	0	0	0	1	0	0	0	0										
Satisfactory (51-100)		0	0	1	2	27	4	3	5	0	12	32	42	52	88	50	33	64	69	
Moderate (101-200)		12	32	41	50	60	46	30	59	69										
Poor (201-300)		70	74	69	56	37	52	89	53	38										
Very Poor (301-400)		50	35	27	26	15	33	18	21	32	126	109	99	89	54	91	108	77	73	
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 20 (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 20.05.24 to 06:00 am of 21.05.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
20- May -2024	91↑	274↑

Hotspots for Today:

**Details given below*

Delhi	Shadipur, Narela, Jahangirpuri, Anand Vihar, Mundka	Ghaziabad	Indirapuram
Faridabad	Sector 30, New Industrial Town	Greater Noida	Knowledge Park - V
Gurugram	Teri Gram, Sector-51	Noida	Sector - 125, Sector-116

Forecast by IITM(Delhi):

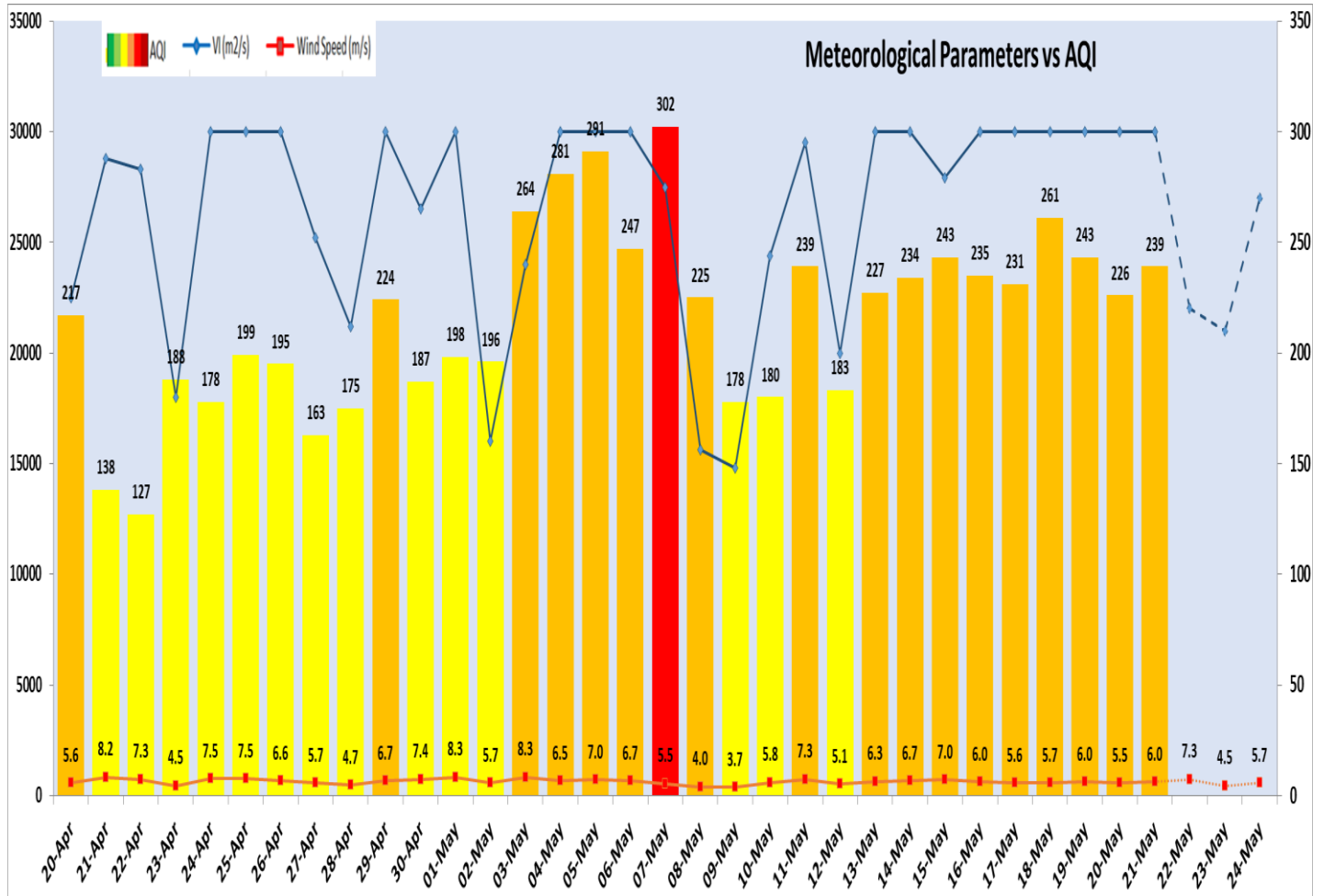
	May 22, 2024	May 23, 2024	May 24, 2024
AQI Category	Poor	Poor	Poor

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 22. 2024	08-15	11	16	SE/NE	NW
May 23. 2024	06-20	9	13	E/SE	NW
May 24. 2024	06-12	11	18	VAR	NW

IMD Alert for Tomorrow (22.05.2024):

The air quality is likely to be in Poor category from 22.05.2024 to 24.05.2024. The predominant surface wind is likely to be coming from Southeast/Northeast directions in Delhi with wind speed 15-08 kmph, mainly clear sky, heat wave conditions at many places with severe heat wave at isolated places and strong surface winds (speed 20-30 kmph) occasionally gusty during the day on 22.05.2024. Ventilation index is likely to be 22000 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
18-05-2024	27.1	43.6
19-05-2024	28.2	43.7
20-05-2024	29.2	44.4
21-05-2024	30.7	44.1

▪ ***Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Shadipur, Delhi - CPCB	333	Very Poor	PM ₁₀
	Narela, Delhi - DPCC	293	Poor	PM ₁₀
	Jahangirpuri, Delhi - DPCC	291	Poor	PM ₁₀
	Anand Vihar, Delhi - DPCC	284	Poor	PM ₁₀
	Mundka, Delhi - DPCC	279	Poor	PM ₁₀
Faridabad	Sector 30, Faridabad - HSPCB	362	Very Poor	PM _{2.5}
	New Industrial Town, Faridabad - HSPCB	287	Poor	PM _{2.5}
Gurugram	Teri Gram, Gurugram - HSPCB	308	Very Poor	PM _{2.5}
	Sector-51, Gurugram - HSPCB	306	Very Poor	PM _{2.5}
Ghaziabad	Indrapuram, Ghaziabad - UPPCB	263	Poor	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	322	Very Poor	PM ₁₀
Noida	Sector - 125, Noida - UPPCB	298	Poor	PM ₁₀
	Sector-116, Noida - UPPCB	278	Poor	PM ₁₀