

# "Kolkata's Weather Kaleidoscope: Navigating the Ups and Downs of Our City's Climate"

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As I step out into the Kolkata morning, the misty air envelops me, and I'm immediately reminded of the complex dance of temperature, humidity, and rainfall that has been unfolding over the past month. The weather today, with its temperature of 28.1°C and humidity at 66%, feels like a breath of fresh air after the fluctuations we've seen. But what does this mean for us, and how can we prepare for what's to come?

Let's set the scene with today's numbers: the current temperature is 28.1°C, with a humidity level of 66%. This is a notable shift from last week, when we saw temperatures averaging 27.4°C, and two weeks ago, when we reached a high of 34.7°C. The rainfall has also been sporadic, with 2.3mm last week, 6.3mm two weeks ago, and a significant 12.7mm a month ago.



*The current weather scene in Kolkata | Photo: AI Generated*

## Looking Back: The Past Month in Numbers

To truly understand the weather pattern, let's dive into the specifics. Last week, around October 8, 2025, our temperatures averaged 27.4°C, with highs reaching 30.4°C. We also saw patchy rain possible, with 2.3mm of rainfall. This was a slight drop from the temperatures two weeks ago, on October 1, 2025, when we recorded a high of 34.7°C and a low of 27.1°C, accompanied by patchy light rain with thunder and 6.3mm of rainfall.

Three weeks back, on September 24, 2025, the temperature was 28.6°C, with patchy light drizzle and 0.3mm of rainfall, indicating a relatively dry spell compared to other periods. Exactly a month ago, on September 15, 2025, temperatures were at 28.2°C, with a light rain shower and a significant 12.7mm of rainfall. Over the past month, we've seen temperatures shift from 28.2°C (30 days ago) to 27.4°C (last week) to today's 28.1°C - that's a 0.9 degree change, indicating a minor fluctuation but an overall stability in temperature levels.

The total rainfall over the past month has been 21.6mm, with the most significant amount falling a month ago. Humidity levels have also shown variation, from 78% last week to 71% two weeks ago, 79% three weeks back, and 80% a month ago, indicating a general trend towards high humidity, which is typical for Kolkata but with noticeable day-to-day variations.

## What I'm Seeing Today

As I look out the window, I see a city wrapped in a misty blanket, with the current temperature at 28.1°C and humidity at 66%. This is a slight increase from last week's average temperature of 27.4°C but still within the range we've come to expect. The UV Index of 0.0 suggests that we're in a period of low sun intensity, which could contribute to the cooler, mistier conditions.

## Air Quality Reality Check

The current Air Quality Index (AQI) is 3, which, according to the US EPA index, is considered good. However, looking deeper at the PM2.5 and PM10 levels, we see that there's still reason for concern. The PM2.5 is at 55.45, and PM10 is at 60.35, indicating that while the overall air quality is relatively good, there are still particulate matters in the air that can affect our health.

For comparison, last week's AQI was slightly higher, with PM2.5 levels at 58.12 and PM10 at 62.15, showing a minor improvement in air quality over the past week. Two weeks ago, the AQI was at 4, with PM2.5 at 61.05 and PM10 at 65.21, indicating a trend towards cleaner air, albeit with fluctuations.

## What This Means for Your Week

Given the current weather pattern and air quality, here's what you can expect for the week ahead: temperatures are likely to remain stable, with minor fluctuations, and we might see more rainfall, especially towards the end of the week.

In terms of practical advice, it's essential to stay updated with the latest weather forecasts and air quality indexes. For outdoor activities, consider the timing to avoid peak pollution

hours and rainfall. If you have respiratory issues or are part of a vulnerable group, take extra precautions like wearing masks rated N95 or higher and minimizing outdoor time during peak pollution periods.

The weather in Kolkata is a dynamic, ever-changing entity, and by staying informed and adapting to these changes, we can navigate its ups and downs more effectively. As we move forward, it will be crucial to monitor these trends closely to predict the onset of any significant weather changes.

In conclusion, Kolkata's weather is a complex tapestry woven from threads of temperature, humidity, rainfall, and air quality. By understanding and respecting these elements, we can better prepare for what the future holds, ensuring that we not only survive but thrive in our beloved city. As your weather storyteller, I'm committed to guiding you through the ebbs and flows of Kolkata's climate, providing you with the insights you need to make the most of every day, no matter what the weather brings.



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