

Everest Peak: 'Glaciers Melting At High Speed, Possibility That There Could Be No Water for Agriculture' - Science Study

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Picture Source, Getty Images

A new study reports that a tall glacier at the Everest peak is melting rapidly due to climate change.

The study conducted by researchers from University of Maine has revealed that the glacier has decreased in width by upto 54 meters, in the last 25 years.

The Glacier which took 2000 years to form by accumulating ice at a height of 25,938 feet from sea-level, has melted 80 times faster since 1990, in the last 25 years.

Climate change and faster wind are said to be the reasons for such rapid melting.

Melting of the top denser ice cover exposing the darker and aged snow underneath, increases absorption of more sun light and heat thus triggering more rapid melting of the glacier.

Dr. Tom Matthew, a Climate Scientist from Kings College London, who participated in the study said that while there was no change in weather, the area had become warmer.

Though many studies relating to melting of glaciers have been carried out so far, no study had been carried out to find the melting rate of any glacier.

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As part of the study a team of 10 Scientists had built the world's tallest Weather Tracking Station on the glacier and collected ice core.

The researchers say that they have many learnings from this study.



Picture Source, Getty Images

Lives of more than 100 crores of people depend on the Himalayas Mountain ranges. They are totally dependent on these mountains' ice-melt for drinking water and agriculture. All these people will go without water for drinking and agriculture, if ice from these glaciers melt completely.

Researchers suggest that the information accumulated from this study should be used to broaden the scope of studies carried out on other glaciers around the world.

It is to be noted that French researchers had reported last year about the rapid melting of glaciers around the world.