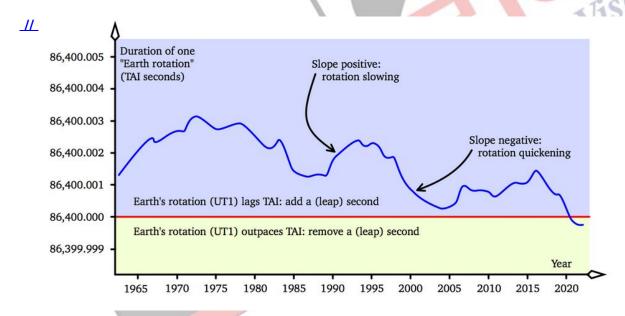


Negative Leap Second

Source: IE

A recent study shows that <u>Climate change</u> is causing <u>glaciers and ice sheets</u> in <u>Greenland and Antarctica to melt at an accelerating rate, redistributing weight across the planet and slightly slowing down the Earth's rotation on its axis.</u>

- The Earth has been spinning slightly faster than normal for a few decades.
- Timekeepers have added an extra "leap second" to clocks worldwide to adjust for this increase in speed of Earth's rotation they have done this 27 times since the 1970s.
 - The plan was to remove this leap second for the first time in 2026, a change they called the "Negative leap second.".
- According to the recent study, the accelerating melt of ice from Antarctica and Greenland has
 acted like a brake, slowing the rotation back down, and potentially delaying the need for a
 "negative leap second" adjustment until 2029 or later.



Read More: IPCC Reports and Equity in Climate Change Mitigation

PDF Refernece URL: https://www.drishtiias.com/printpdf/negative-leap-second