

Macro Roundup Article

Headline: [Warming Could Push the Atlantic Past a 'Tipping Point' This Century](#)

Article Link: <https://www.nytimes.com/2023/07/25/climate/atlantic-ocean-tipping-point.html>

Author(s)	Raymond Zhong
Publication	New York Times
Publication Date	July 26, 2023

Tweet: [New research projects that the Atlantic Meridional Overturning Circulation current will weaken this century which could have a cooling effect on the Northern Hemisphere and reduce rainfall in the monsoon regions of Asia.](#)

Summary: The last time there was a major slowdown in the mighty network of ocean currents that shapes the climate around the North Atlantic, it seems to have plunged Europe into a deep cold for over a millennium. That was roughly 12,800 years ago when not many people were around to experience it. But in recent decades, human-driven warming could be causing the currents to slow once more. New research published in Nature Communications [projects] the Atlantic Meridional Overturning Circulation, or AMOC could collapse around midcentury. Were the circulation to tip into a much weaker state, the effects on the climate would be far-reaching, though scientists are still examining their potential magnitude. Much of the Northern Hemisphere could cool. The coastlines of North America and Europe could see faster sea-level rise. Northern Europe could experience stormier winters, while the Sahel in Africa and the monsoon regions of Asia would most likely get less rain. Related: Antarctic Sea Ice Has Shrunk By An Area Nine Times The Size Of Britain and Florida Ocean Temperatures At 'Downright Shocking' Levels

Primary Topic: Science

Topics: Global Warming, News article, Science

Permalink: <https://www.edwardconard.com/macro-roundup/new-research-projects-that-the-atlantic-meridional-overturning-circulation-current-will-weaken-this-century-which-could-have-a-cooling-effect-on-the-northern-hemisphere-and-reduce-rainfall-in-the-mons?view=detail>

Featured Image

Link: <https://www.edwardconard.com/wp-content/uploads/2023/07/Atlantic-Current.png>