

Macro Roundup Article

Headline: [What This Year's 'Astonishing' Ocean Heat Means for the Planet](#)

Article Link: <https://www.nytimes.com/interactive/2023/08/03/climate/ocean-temperatures-heat-earth.html#>

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Publication	New York Times
Publication Date	August 03, 2023

Tweet: Last week a buoy off the coast of Florida recorded a reading of 101.1°F which might be a record for sea surface temperature.

Summary: The planet's average sea surface temperature spiked to a record high in April and the ocean has remained exceptionally warm ever since. The North Atlantic has seen some of the most exceptional warmth, with recent temperatures consistently reaching more than 2°F higher than what is typical for this time of year. Last week, one reading from a buoy recorded a stunning 101.1°F, possibly a world record for sea surface temperatures. The eruption of an underwater volcano in the Pacific Ocean near Tonga last year, which spewed tens of millions of tons of water vapor into the stratosphere, may have also influenced this year's ocean temperatures. Water vapor, like carbon dioxide, is a greenhouse gas that traps heat near Earth's surface. Scientists expect warm ocean conditions to continue into the fall, with El Niño intensifying in the months ahead. Related: Florida Ocean Temperatures At 'Downright Shocking' Levels

Primary Topic: Science

Topics: Global Warming, News article, Science

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