

Macro Roundup Article

Headline: Critical 1.5C Threshold Breached Over 12-Month Period for First Time

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Tweet: Mean sea surface temperatures are at a record high at the start of 2024 hitting 69.7F in January. The El Niño phenomenon is amplifying elevated sea surface temperatures.

Summary: Scientists said the global sea surface temperature reached a record high of almost 20.97C for January. It was the second-hottest sea surface temperature recorded for any month ever, with only August 2023 surpassing it at 20.98C. The El Niño phenomenon, which heats the Pacific Ocean surface and exacerbates global warming caused by greenhouse gas emissions, has contributed to sea temperature rises in recent months. But they warned that sea surface temperatures had already reached “new absolute records”, with a level of 21.12C recorded on February 4 surpassing the previous high reached last August. Last May the World Meteorological Organization said there was a 66 percent chance that the mean global temperature would temporarily surpass 1.5C above pre-industrial levels in “at least” one year by 2027.

Related Articles: Gulf Coast Temperatures Surge to Highest Levels Ever Observed and Long-term Surface Impact of Hunga Tonga-Hunga Ha’apai-like Stratospheric Water Vapor Injection and Observed Increases in North Atlantic Tropical Cyclone Peak Intensification Rates

Primary Topic: Global Warming

Topics: Global Warming, News article

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