

## Macro Roundup Article

**Headline:** [Antarctic Sea Ice Levels Dive In 'Five-Sigma Event', As Experts Flag Worsening Consequences For Planet](#)

**Article Link:** <https://www.abc.net.au/news/2023-07-24/antarctic-sea-ice-levels-nosedive-five-sigma-event/102635204#>

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**Tweet:** According to oceanographer Edward Doddridge the decline in Antarctic ice this winter is "a five-sigma event," i.e. once every 7.5 million years.

**Summary:** The sea ice around Antarctica is in sharp decline, scientists observed an all-time low in the amount of sea ice around the icy continent, following all-time lows in 2016, 2017 and 2022. Usually, the ice has been able to recover in winter but this year is different. For the first time, the sea ice extent has been unable to substantially recover this winter, leaving scientists baffled. Physical oceanographer Edward Doddridge said vast regions of the Antarctic coastline were ice free for the first time in the observational record. "To say unprecedented isn't strong enough, for those of you who are interested in statistics, this is a five-sigma event. So it's five standard deviations beyond the mean. Which means that if nothing had changed, we'd expect to see a winter like this about once every 7.5 million years." Antarctic Sea Ice Has Shrunk By An Area Nine Times The Size Of Britain and Earth Keeps Breaking Temperature Records Due to Global Warming

**Primary Topic:** Science

**Topics:** Global Warming, News article, Science

**Permalink:** <https://www.edwardconard.com/macro-roundup/according-to-oceanographer-edward-doddridge-the-decline-in-antarctic-ice-this-winter-is-a-five-sigma-event-i-e-once-every-7-5-million-years?view=detail>

**Featured Image**

**Link:** <https://www.edwardconard.com/wp-content/uploads/2023/07/5-sigma-Event-.png>