

CLIMATE FACT CHECK:

DECEMBER 2024 EDITION  
BEST OF THE YEAR

The top three climate fact checks of 2024 are:

**FACT CHECK OF 2024.** Without a doubt, the climate fact check of the year is this [chart](#) of “average global temperatures” going back 485 million years.

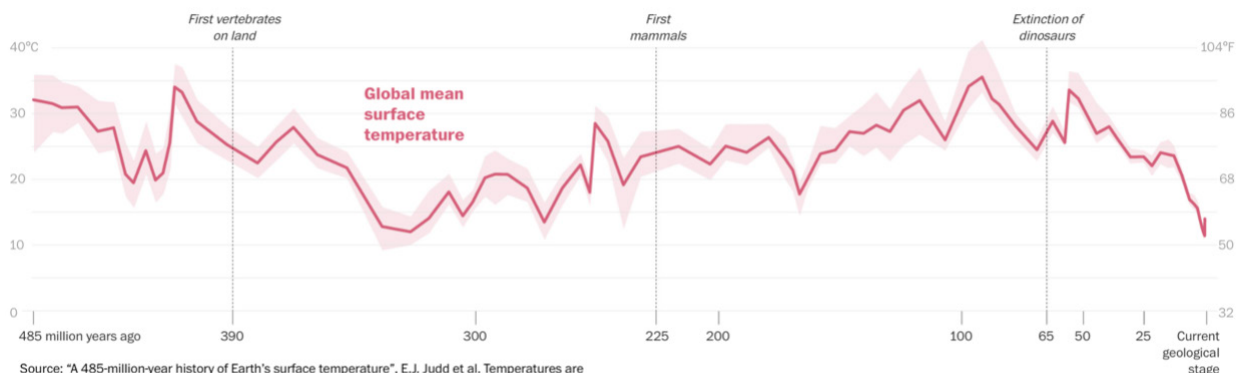
The Washington Post  
*Democracy Dies in Darkness*

## Scientists have captured Earth’s climate over the last 485 million years. Here’s the surprising place we stand now.

An effort to understand Earth’s past climates uncovered a history of wild temperature shifts and offered a warning on the consequences of human-caused warming.

September 19, 2024

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Bloomberg News was so impressed with the underlying study that it named it one of "[The 10 Most Intriguing Science Breakthroughs of 2024](#)", stating:

*"It shows that over the last 485 million years, the climate fluctuated between 'hothouse' periods when the global temperature can be 30F hotter than it is now, and unstable 'icehouse' periods when the temperature seesaws between ice ages and more temperate phases like recent history. Sometimes, living things adapted to the hottest spells, with hippos and tropical palms slowly migrating to the Arctic. When change was sudden, the fossil record shows 80% to 90% of species went extinct, though life has never been extinguished completely. The researchers who made the plot say it has been a useful test of our climate models — they match these measurements-based approximations going back in time. So more steep warming is coming. The good news is that Earth will likely be a living planet for millions of years."*

**Fact Check.** Based on this chart, which is based on a study published in the prestigious Science magazine and which has been heralded by the mainstream media, the Earth's climate has been quite volatile going as far back as can be estimated. The most recent warming began 22,000 years ago, way before manmade emissions. When people talk about global warming, this chart can be used to respond with: "Since when?"

**RUNNER-UP FACT CHECK OF 2024.** Making a strong runner-up showing for fact check of the year is the March 2024 Nature magazine commentary by NASA chief climate scientist Gavin Schmidt who admitted that climate models did not predict the 2023-2024 global warming spike.


**nature**


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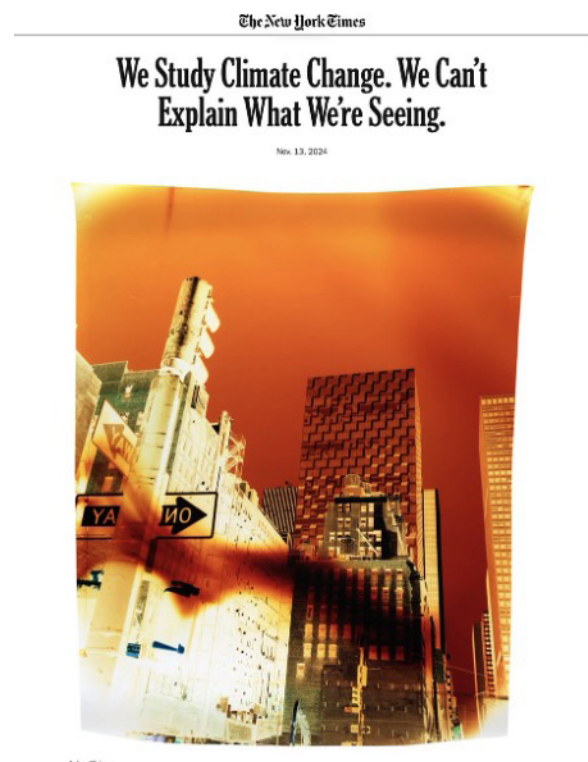
WORLD VIEW | 19 March 2024

## Climate models can't explain 2023's huge heat anomaly – we could be in uncharted territory

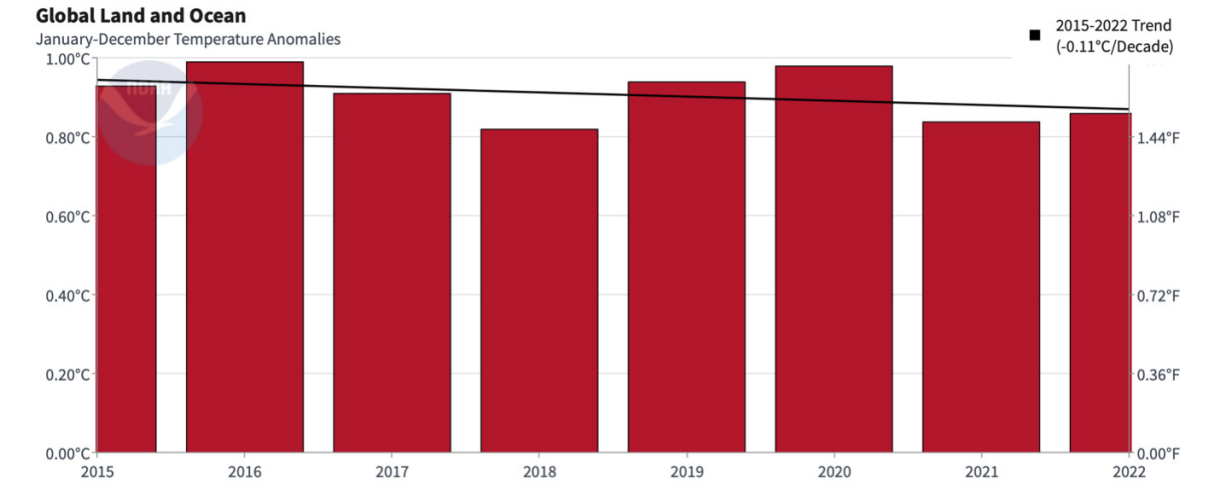
 Taking into account all known factors, the planet warmed 0.2 °C more last year than climate scientists expected. More and better data are urgently needed.

By [Gavin Schmidt](#) 

Schmidt reinforced this failure with a November 2024 op-ed in the New York Times.



Combining Schmidt's admissions about climate models not explaining 2023-2024 with the global cooling trend for the eight years between 2015-2022, we have an astounding 10 years of global temperature data that was not predicted by climate models.



Keep in mind that climate models are built on the assumption that every molecule of emissions causes warming and drives more warming. Despite about 450 billion tons of emissions, there was no warming over the period 2015-2022 and the warming that occurred during 2023-2024 is not explained by emissions-driven models. There is much more that can be said about climate models not predicting temperatures or trends, but a decade of error should be more than enough to question their validity and reliance on them.

### MISS CONGENIALITY FACT CHECK OF 2024.

For more than 20 years, climate alarmists have been trying to rename the current geologic epoch, the Holocene, as the Anthropocene. But the geologists that decide such matters voted this year to reject renaming. "A committee of roughly two dozen scholars has, by a large majority, voted down a proposal to declare the start of the Anthropocene, a newly created epoch of geologic time," [reported](#) the *New York Times*.

485 million years of global cooling, 10-years of failed climate models and a strong rejection of the notion that humans have altered our geologic epoch add up to a devastating year for climate hysteria. But don't expect the hysterics to go away. They'll be back in 2025 as will be the regular monthly Climate Fact Check. See you next month. In the meantime, don't miss these great fact checks.

The New York Times

### *Are We in the 'Anthropocene,' the Human Age? Nope, Scientists Say.*

A panel of experts voted down a proposal to officially declare the start of a new interval of geologic time, one defined by humanity's changes to the planet.

Share full article



In weighing their decision, scientists considered the effect on the world of nuclear activity: A 1946 test blast over Bikini Atoll. Jack Rice/Associated Press

By Raymond Zhong

March 5, 2024 Updated 10:46 a.m. ET

### [ClimateRealism.com](#)

- [Hey Media, Remember in 2017 When an Iceberg in Antarctica Freaked...](#)
- [No, Washington Post, Insurance is Not More Expensive Due to Climate...](#)
- [The Earth is Not "Drying Out," Associated Press](#)
- [Wrong, USA Today, Climate Change Isn't Worsening Dengue Fever](#)
- [The Guardian is Flat Wrong About Blaming Climate for Extreme Weather](#)

### [WattsUpWithThat.com](#)

- [Climate Anxiety: Manufactured Hysteria Masquerading as Science](#)
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- [Science Shock: CO2 is Good for the Planet, Peer-Reviewed Studies Suggest](#)
- [Wrong, NBC News, Climate Change Isn't Causing Rising Coffee Prices, Production Is Increasing](#)

***See you in February for the January Climate Fact Check!***