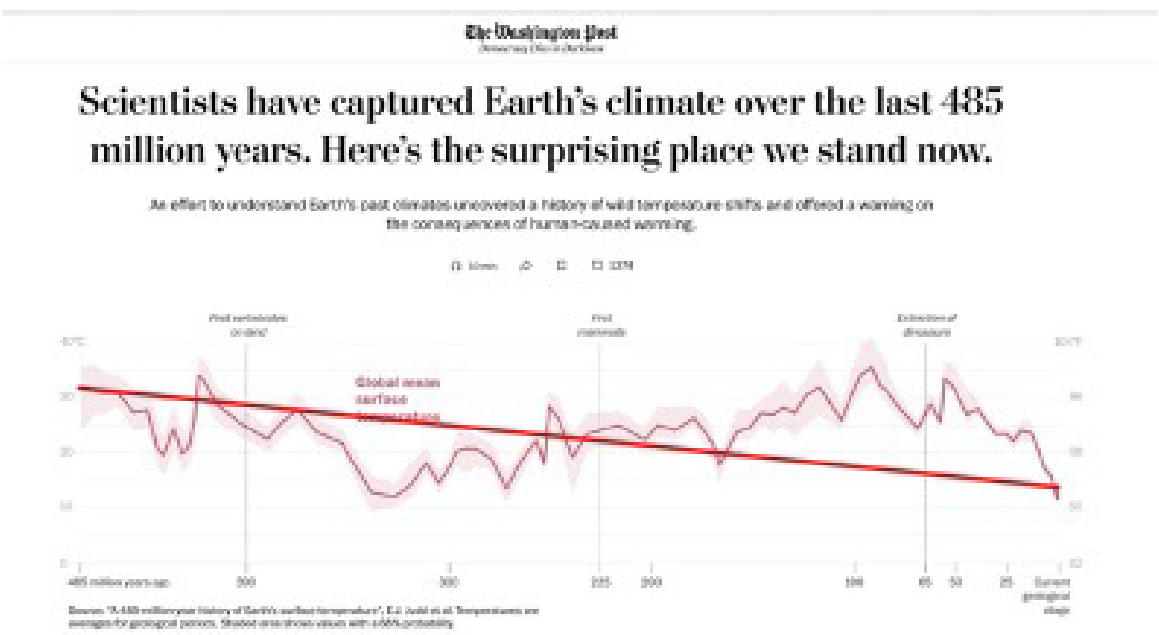




CLIMATE FACT CHECK: SEPTEMBER 2024 EDITION

We're taking a break this month from the tiresome comparison of NASA satellite data with real-time surface stations reporting to bring you this graph (OK, it's our straight red line) from the Washington Post:



As you can plainly see, the supposed "global temperature" has been cooling for 485 million years. But you may be thinking, are global temperatures from that far back really credible? Here's the answer: As there is no such physical thing as "global temperature," all guesstimates of such an imaginary thing are equally valid. And now that we have solved the alleged climate crisis, let's move on to this month's fact checks.

EMISSIONS CAUSED HURRICANE HELENE TO RAPIDLY INTENSIFY?

The *Washington Post* reported in "[‘You’ll be okay’: Trump’s message to Hurricane Helene victims draws attacks](#)" that: "On and off social media, the campaign and its supporters also hammered Trump for denying human-caused climate change, which [scientists say may be allowing hurricanes](#) such as Helene to rapidly intensify."

The Washington Post

Fact Check. The claim that emissions are causing hurricane to intensify more rapidly is based on notion that emissions warm the atmosphere and the atmosphere, in turn, warms the oceans. But in addition to the fact that there is no direct scientific evidence showing that emissions are warming the atmosphere, it is physically impossible for the atmosphere to warm the ocean. At most, atmospheric warmth penetrates only the top 0.01 millimeter of the ocean surface. So even if emissions warmed the atmosphere, they would not cause ocean warming. Ocean warming is primarily caused by the Sun and, to a lesser extent, by geothermal heating. [Get more information.](#)

EMISSIONS CAUSED CENTRAL EUROPEAN FLOODING?

The Associated Press reported in "[Deadly flooding in Central Europe made twice as likely by climate change](#)" that: "Human-caused climate change doubled the likelihood and intensified the heavy rains that led to devastating flooding in Central Europe earlier this month, a new flash study found."

AP Associated Press

Fact Check. First, Central Europe has a long history of torrential rain and catastrophic flooding that go back as far as there are records. Next, weather is the product of a chaotic, non-linear system that is not well understood. It does not occur per any known probability distribution. So "twice as likely" and all similar probability claims about weather, including torrential rains that lead to flooding, are utter rubbish. Finally, the group making the "twice as likely" claim is called World Weather Attribution. Although the group pretends to be able to attribute weather to emissions, the reality is that they merely engage in a form fallacious argument called *post hoc ergo propter hoc* (after this, therefore because of this). They assume emissions cause bad weather and so bad weather is caused by emissions. If World Weather Attribution understood weather in a scientific manner, they would be able to predict weather versus just practicing logical fallacy on an unwary public. [Get more information.](#)

EMISSIONS TO CAUSE MORE DIARRHEA?

News-Medical.net reported in "[Climate change to drive increased hospitalizations from diarrheal diseases in Dhaka](#)" that: "By 2100, hospitalizations from diarrheal diseases are predicted to increase in the city of Dhaka in Bangladesh as a result of climate change, even if global warming stays under 2 degrees Celsius."



Fact Check. The study results are a mere model projection that are actually contradicted by reality. Per the study's own data, the incidence of diarrheal disease in Dhaka since 1980 has actually declined by almost 50 percent. There's no factual basis for programming model to predict future diarrhea. [Get more information.](#)

GULF STREAM SLOWING TO CAUSE AN ICE AGE?

The *Vancouver Sun* reported on July 24, 1997 in "[Onset of ice age took only 5 years, study says](#)" that a university PhD student had discovered that global warming could slow down the Gulf Stream so much that Europe could ice over. This "discovery" went on to become the plot of the 2004 global warming movie *The Day After Tomorrow* and many other studies and media hysteria. The scare was supported over the years by proxy measures of Atlantic current speed made using a submarine cable that measures the volume of water that transverses it.

VANCOUVER SUN

Fact Check. The *Washington Post* reported last month in "[Study: A key ocean current is holding strong, despite a predicted slowdown](#)" that: In the current study, researchers reconsider the [cable] data, correcting for a gradual shift in Earth's magnetic field that they say affected the cable measurements. Previous assessments of the uncorrected data showed a slight slowing in the Florida Current. But when they corrected for the shift in Earth's magnetic field, the researchers write, they found that the current 'has remained remarkably stable' and not declined significantly over the past 40 years."

EMISSIONS SLOWING TROPICAL STORMS?

The *Washington Post* reported in "[More hurricanes are lingering for days, a new study found. Here are the places most at risk](#)" that: "New research found hurricanes are stalling more often along vulnerable

Fact Check. The rate of change in tropical storm stalls has been quite dramatic in both directions. During the steep changes in percentage of stalls, atmospheric concentrations of carbon dioxide didn't not change much except for the period from 1979 to 2000. Over the past 25 years, during which CO2 has increased the most, the rate of stalls hasn't really changed at all. When you crunch the storm

coastlines, increasing the danger from prolonged rainfall and winds."

The Washington Post

stall numbers, you may get a slight average annual increase. But when you look at the actual graph and take note of its dramatic changes and periods of no or slow change, it's quite evident that the calculated average annual increase is a meaningless statistic that completely fails to relate emissions to slower storms. [Get more information.](#)

EMISSIONS TO CAUSE MASS EXTINCTION?

The *Washington Post* reported on April 28, 2022 in "[Ocean animals face a mass extinction from climate change, study finds](#)" that: "If humanity's greenhouse gas emissions continue to increase, according to a study released Thursday, roughly a third of all marine animals could vanish within 300 years."

The Washington Post

Fact Check. CNN reported in "[The Great Dying once wiped out 90% of life on Earth. A new theory may explain why](#)" that: "[A mega El Nino effect] engulfed the planet some 252 million years ago, wiping out more than 90% of all life." As repeatedly discussed in previous Climate Fact checks, it can't be directly and scientifically shown that emissions have caused any "global warming" or species extinction. It can be shown that a series of El Ninos since 1980 have caused periodic and slight jumps in warming. Combined with the new study's results, we now have evidence those fretting a climate apocalypse ought to be more worried about El Ninos than emissions. [Get more details.](#)

2024 WAS THE HOTTEST SUMMER?

The *Washington Post* reported in "In another brutally hot summer in the U.S., these six things stood out" that: "Many dozens of cities in the West, Northeast and Gulf Coast posted their hottest summer on record (as measured by average temperature for the three-month period). California and Arizona had the most locations with record-hot summers."

The Washington Post

Fact Check. Despite record emissions, record atmospheric carbon dioxide and 90 years of urban heat island effect, the summer of 2024 was cooler than the summer of 1934 in the US, where we have the best temperature records. If every emission causes warming and drives more warming, how can any part of summer 2024 be cooler than summer 1934? [Get more information.](#)

EMISSIONS CAUSE GREENLAND GLACIER COLLAPSE?

The *Washington Post* reported in "[A rumble echoed around the world for nine days. Here's what caused it](#)" that emissions caused a Greenland glacier to collapse that produced a landslide, tsunami and seismic wave that rumbled around the Earth for nine days in September 2023.

The Washington Post

Fact Check. The researchers presented no evidence of any regional warming that caused the glacier collapse. The nearest temperature stations indicate that even had there been some regional warming, temperatures generally remained below freezing. [Get more information.](#)

EMISSIONS SINKING PAPUA NEW GUINEA?

The *New York Times* reported in "[In Threatened Island Nation, Pope Hears Plea for Climate Action](#)" that: "On Friday, Pope Francis, who has long begged the world to preserve nature, started his visit to a place that is a stark example of how human action can harm the environment. Locals hoped his presence would make a difference. 'Your holiness, climate change is real,' Bob Dadae, the governor general of Papua New Guinea, told Francis at a meeting on Saturday. 'The rise in the sea level is affecting the livelihoods of our people,' he added, asking for the pope's support for 'global action and advocacy.'"

The New York Times

Fact Check. First, Papua New Guinea sits on a geologic fault and its fortunes against the sea depend on geological activity at the fault. By the way, a recent study reported that 89 percent of Pacific Islands have been growing in land area since the mid-20th century. There is no there when it comes to the claim that emissions are causing Pacific islands to sink. [Get more information.](#)

EMISSIONS MAKING FIREFLIES GO EXTINCT?

The *Washington Post* reported in "[This firefly delighted beachgoers. Now it's flickering out of existence](#)" that: "The U.S. Fish and Wildlife Service is proposing to declare a nocturnal insect called the Bethany Beach firefly as threatened, arguing climate change, light

Fact Check. First, the U.S. Fish and Wildlife Service [presented](#) no evidence that "climate change" has affected fireflies in the slightest: "In summary, the impacts of climate change **will alter** or destroy habitat and **have the potential** to change reproductive success and behavior throughout the range of the Bethany Beach firefly by 2100." [Emphasis added] To the extent that the firefly population is threatened, the cause is most likely human encroachment. Sixty years ago, Bethany

pollution, coastal development and other threats are conspiring to degrade its delicate habitat and drive it closer to extinction.”

The Washington Post

Beach, DE was just a tiny, ramshackle beach town. You could drive through it and not realize you had been there. It is now a well-developed resort town that has much less firefly habitat.

To close out this month, let's go back to the *Washington Post* graph focusing on the most recent period shown in the inset.

The recent warming did not begin with the advent of coal-fired power plants, SUVs and cheeseburgers. It began 20,000 years ago, which is about 15,000 years before recorded human history.

Until next month, check out these and more fact checks at:

[ClimateRealism.com](https://www.climate-realism.com)

- [No, Media. Hurricane Helene was not Worsened by Climate Change](#)
- [Media Confirms the Earth Is Not Abnormally Warm, Rather It Is in Its Coldest Period in 485 Million Years](#)
- [No, Mainstream Media, Antarctica Isn't 'Burning' from a Heat Wave](#)
- [Yes, NPR, Wine Grapes Can and Have Endured Climate Change](#)
- [No, New York Times, Maine Lobsters Aren't Dwindling Due to Climate Change](#)

[WattsUpWithThat.com](https://www.wattsupwiththat.com)

- [CBS Gets the Facts Wrong About Hurricane Helene and Hurricane Trends](#)
- [Note to Australian Broadcasting Corporation News, Pacific Island Sea Level Projections Are Wrong](#)
- [Are Hurricanes Getting Stronger?](#)
- [CNN hypes climate activists declaring WE TOLD YOU SO after Hurricane Helene hits Florida – Meteorologist Bastardi rips as 'total crap. Storms are smaller. Not larger'](#)
- [Wrong, Associated Press, New Short Corn Variety Is a Marketing Ploy, Not a Response to Climate Change](#)

See you in November for the October Climate Fact Check!

