



# Anthropogenic Global Warming: 5 Debunked Facts About Climate Change

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As the debate rages over anthropogenic, or human-caused, global warming, some of the biggest arguments used to manipulate public opinion are melting away in the wake of the cold, hard facts.

Here are 5 debunked facts about climate change:

## 1. Global temperatures are rising at an alarming rate never seen before.

Measurements going back to the late 1800s show that global temperatures go through warming and cooling cycles. [According to Friends of Science, the world cooled](#) between 1878 and 1911, warmed until 1941, cooled until 1964, and warmed until 1998 at the same rate as it warmed between 1911 and 1941 and has been cooling since 2001.

John Coleman, co-founder of The Weather Channel, has said that temperature rises are a “natural phenomenon” within a developing ecosystem. He [told the Express in October that there’s “no significant global warming at this time](#), there has been none in the past and there is no reason to fear any in the future.”

## 2. Global warming could be slowing down the polar vortex and causing more extreme weather.

This effect is unsubstantiated and not supported by many climate scientists, [said Isaac Held, who co-wrote a letter published in the journal Science in February 2014](#). Held is a lecturer in the Princeton (University) Program in Atmospheric and Oceanic Sciences and a scientist with the Geophysical Dynamics Laboratory and the National Oceanic and Atmospheric Administration. Co-author John Wallace of the University of Washington said they wrote the letter “because of our concern that this is getting picked up by the press and presented as if it were part of the consensus about global warming.”

The Weather Channel’s Coleman observed that “heat waves have actually diminished, not increased. There is not an uptick in the number or strength of storms. In fact storms are

diminishing.”

### **3. Melting glaciers and calving ice shelves are proof that the world is warming.**

It’s not even certain that the sea ice is melting at all. The National Snow & Ice Data Center (NSIDC) reported in October that sea ice in Antarctica has remained at satellite-era record high daily levels for most of 2014.

Furthermore, Antarctic ice “is at its highest extent measured by the current microwave satellite sounding system” since 1978 and stopped declining around 2005 to 2006, according to Patrick Michaels, director of the Cato Institute’s Center for the Study of Science.

### **4. Anthropogenic CO2 is the major culprit of the greenhouse effect contributing to global warming.**

The real cause for concern are chlorofluorocarbons (CFCs), [according to a study reported by Phys.org](#). "Most conventional theories expect that global temperatures will continue to increase as CO2 levels continue to rise, as they have done since 1850. What's striking is that since 2002, global temperatures have actually declined — matching a decline in CFCs in the atmosphere," said Qing-Bin Lu, a professor of physics and astronomy, biology and chemistry at Canada’s University of Waterloo’s Faculty of Science. "My calculations of CFC greenhouse effect show that there was global warming by about 0.6 °C from 1950 to 2002, but the earth has actually cooled since 2002. The cooling trend is set to continue for the next 50-70 years as the amount of CFCs in the atmosphere continues to decline."

### **5. The world’s oceans are warming.**

In fact, the deep waters of the ocean have not been warming. [NASA said the cold waters of Earth’s deep ocean have not warmed](#) measurably since 2005, leaving unsolved the mystery of why global warming appears to have slowed in recent years.