



This is the print version of the [Skeptical Science](http://sks.to/cooling) article '[It's cooling](http://sks.to/cooling)', which can be found at <http://sks.to/cooling>.

Global cooling - Is global warming still happening?

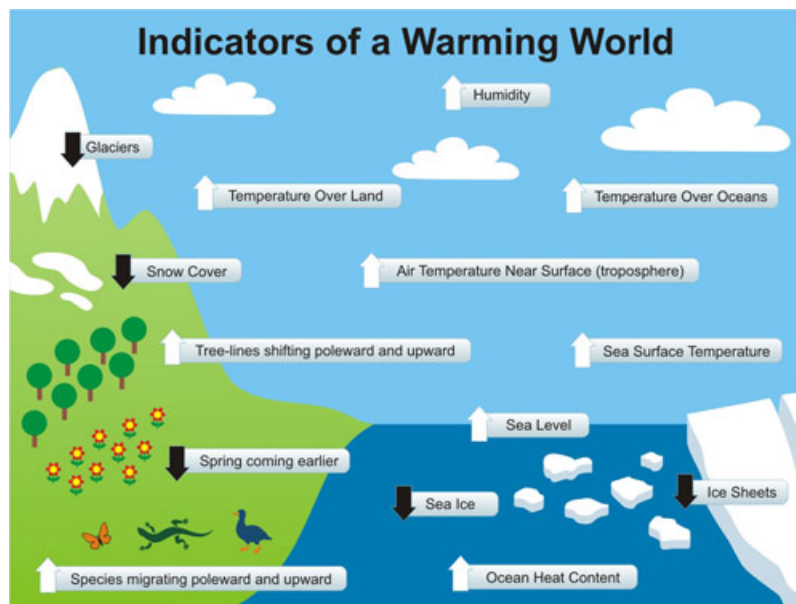
What The Science Says:

All the indicators show that global warming is still happening.

Climate Myth: It's cooling

"In fact global warming has stopped and a cooling is beginning. No climate model has predicted a cooling of the Earth – quite the contrary. And this means that the projections of future climate are unreliable." (source: [Henrik Svensmark](#))

When looking for evidence of global warming, there are many different indicators that we should look for. Whilst it's natural to start with air temperatures, a more thorough examination should be as inclusive as possible; snow cover, ice melt, air temperatures over land and sea, even the sea temperatures themselves. The [key indicators of global warming](#) shown below are all moving in the direction expected of a warming globe.



Indicators of a warming world based on surface, satellite, and ocean temperature measurements, satellite measurements of energy imbalance (the difference between incoming and outgoing energy at the top of the atmosphere), and of receding glaciers, sea ice, and ice sheets, rising sea level, and shifting seasons.

The question of global warming stopping is often raised in the light of a recent weather event - a big snowfall or drought breaking rain. Global warming is entirely compatible with these events; after all they are just weather. For climate change, it is the long term trends that are important; measured over decades or more, and those long term trends show that the globe is still, unfortunately, warming.

Basic rebuttal written by LarryM

Update July 2015:

Here is the relevant lecture-video from [Denial101x - Making Sense of Climate Science Denial](#)

[see video at [this link](#).]



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Skeptical Science explains the science of global warming and examines climate misinformation through the lens of peer-reviewed research. The website won the Australian Museum 2011 Eureka Prize for the Advancement of Climate Change Knowledge. Members of the Skeptical Science team have authored peer-reviewed papers, a [college textbook on climate change](#) and the book [Climate Change Denial: Heads in the Sand](#). Skeptical Science content has been used in university courses, textbooks, government reports on climate change, television documentaries and numerous books.



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