

## [Temperature Monitors Report Widescale Global Cooling](#)

[Michael Asher \(Blog\)](#)

- February 26, 2008 12:55 PM

<http://www.dailytech.com/Temperature+Monitors+Report+Widescale+Global+Cooling/article10866.htm>

Twelve-month long drop in world temperatures wipes out a century of warming

Over the past year, anecdotal evidence for a cooling planet has exploded. China has its coldest winter in 100 years. Baghdad sees [its first snow](#) in all recorded history. North America has [the most snowcover in 50 years](#), with places like Wisconsin the highest since record-keeping began. Record levels of Antarctic sea ice, record cold in [Minnesota](#), Texas, Florida, Mexico, [Australia](#), Iran, [Greece](#), South Africa, Greenland, Argentina, Chile -- the list goes on and on.

No more than anecdotal evidence, to be sure. But now, that evidence has been supplanted by hard scientific fact. All four major global temperature tracking outlets (Hadley, NASA's GISS, UAH, RSS) have released updated data. **All show that over the past year, global temperatures have dropped precipitously.**

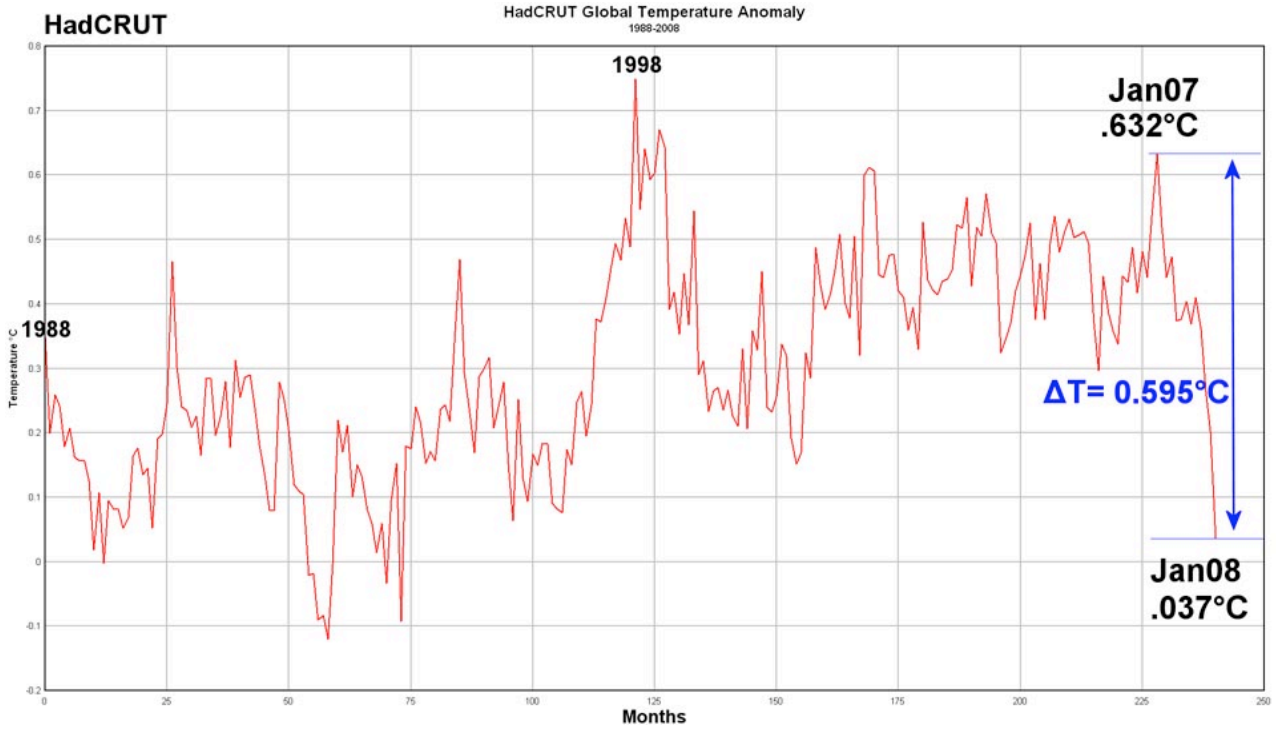
A compiled list of all the sources can be seen [here](#). The total amount of cooling ranges from 0.65C up to 0.75C -- **a value large enough to wipe out most of the warming recorded over the past 100 years.** (This statement has been challenged and the authors have corrected. See below.) All in one year's time. For all four sources, it's the single fastest temperature change ever recorded, either up or down.

Scientists quoted in a [past DailyTech article](#) link the cooling to reduced solar activity which they claim is a much larger driver of climate change than man-made greenhouse gases. The dramatic cooling seen in just 12 months time seems to bear that out. While the data doesn't itself disprove that carbon dioxide is acting to warm the planet, it does demonstrate clearly that more powerful factors are now cooling it.

Let's hope those factors stop fast. Cold is more damaging than heat. The mean temperature of the planet is about 54 degrees. Humans -- and most of the crops and animals we depend on -- prefer a temperature closer to 70.

Historically, the warm periods such as the Medieval Climate Optimum were beneficial for civilization. Corresponding cooling events such as the Little Ice Age, though, were uniformly bad news.

**Update 2/27:** The graph for HadCRUT (above), as well as the linked graphs for RSS and UAH are generated month-to-month; the temperature declines span a full 12 months of data. The linked GISS graph was graphed for the months of January only, due to a limitation in the



plotting program. Anthony Watts, who kindly provided the graphics, otherwise has no connection with the column. The views and comments are those of the author only.

# January 2008 - 4 sources say “globally cooler” in the past 12 months

<http://wattsupwiththat.wordpress.com/2008/02/19/january-2008-4-sources-say-globally-cooler-in-the-past-12-months/>

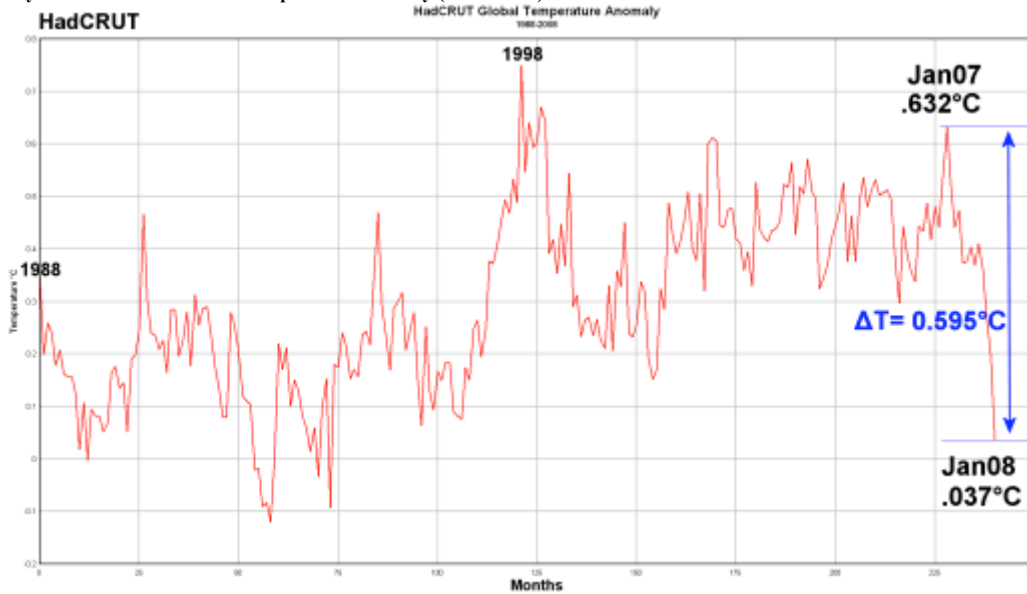
19 02 2008

January 2008 was an exceptional month for our planet, with a significant cooling, especially since January 2007 started out well above normal.

**January 2008 capped a 12 month period of global temperature drops on all of the major well respected indicators.** I have reported in the past two weeks that [HadCRUT](#), [RSS](#), [UAH](#), and [GISS](#) global temperature sets all show sharp drops in the last year.

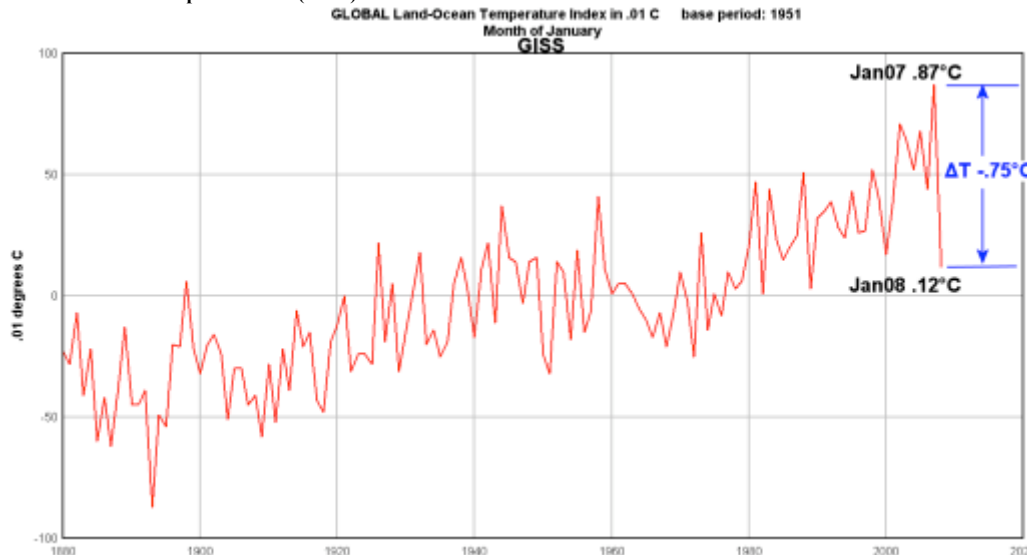
**Here are the 4 major temperature metrics compared top to bottom, with the most recently released at the top:**

UK's Hadley Climate Research Unit Temperature anomaly (HadCRUT) Dr. Phil Jones:



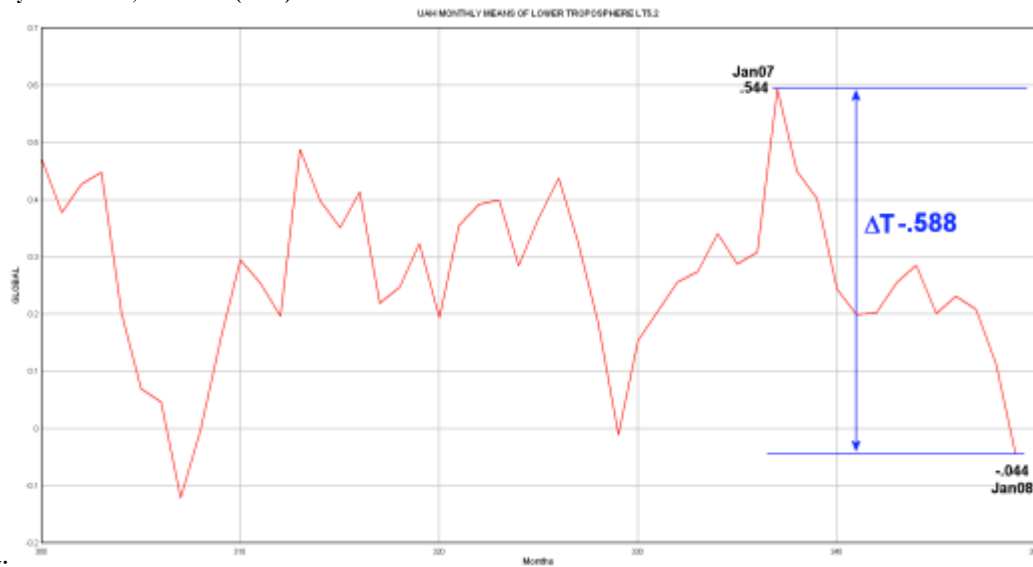
Reference: above data is HadCRUT3 column 2 which can be found [here](#)  
description of the HadCRUT3 data file columns is [here](#)

NASA Goddard Institute for Space Studies (GISS) Dr. James Hansen:



Reference: GISS dataset [temperature index data](#)

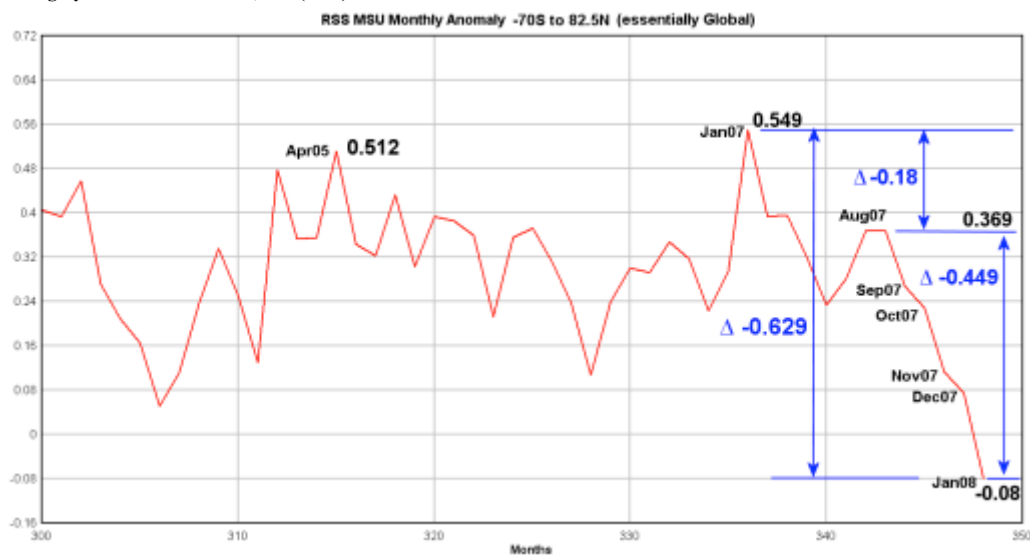
University of Alabama, Huntsville (UAH) Dr. John



Christy:

Reference: [UAH lower troposphere data](#)

Remote Sensing Systems of Santa Rosa, CA (RSS):



Reference: RSS data [here](#) (RSS Data Version 3.1)

The purpose of this summary is to make it easy for everyone to compare the last 4 postings I've made on this subject.

I realize that not all the graphs are of the same scale, so my next task will be to run a combined graphic of all the data-sets on identical amplitude and time scales to show the agreements or differences such a graph would illustrate.

**UPDATE:** that comparison has been done [here](#)

Here is a quick comparison and average of  $\Delta T$  for all metrics shown above:

<b>Source:</b>	<b>Global <math>\Delta T</math> °C</b>
HadCRUT	- 0.595

GISS	- 0.750
UAH	- 0.588
RSS	- 0.629
Average:	- 0.6405°C

**For all four metrics the global average  $\Delta T$  for January 2007 to January 2008 is: - 0.6405°C**

This represents an average between the two lower troposphere satellite metrics (RSS and UAH) and the two land-ocean metrics (GISS and HadCRUT). While some may argue that they are not compatible data-sets, since they are derived by different methods (Satellite - Microwave Sounder Unit and direct surface temperature measurements) I would argue that the average of these four metrics is a measure of temperature, nearest where we live, the surface and near surface atmosphere.

### **UPDATE AND CAVEAT:**

The website DailyTech has an [article citing this blog entry as a reference](#), and their story got picked up by the Drudge report, resulting in a wide distribution. In the DailyTech article there is a paragraph:

“Anthony Watts [compiled the results](#) of all the sources. The total amount of cooling ranges from 0.65C up to 0.75C — a value large enough to erase nearly all the global warming recorded over the past 100 years. All in one year time. For all sources, it’s the single fastest temperature change ever recorded, either up or down.”

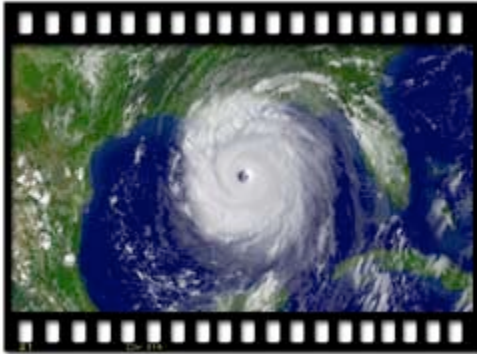
**I wish to state for the record, that this statement is not mine: “*–a value large enough to erase nearly all the global warming recorded over the past 100 years*”**

**There has been no “erasure”.** This is an anomaly with a large magnitude, and it coincides with other anecdotal weather evidence. It is curious, it is unusual, it is large, it is unexpected, but it does not “erase” anything. I suggested a correction to DailyTech and they have graciously complied.

**UPDATE #2** see [this post](#) from Dr. John R. Christy on the issue.

## [NOAA: Hurricane frequency and global warming NOT the cause of increased destruction](#)

21 02 2008



From a NOAA press release that came out to me via email just minutes ago:

— Original Message —

From: "NOAA News Releases"

<[Press.Releases@noaa.gov](mailto:Press.Releases@noaa.gov)>

To: <[awatts@xxxxx.com](mailto:awatts@xxxxx.com)>

Sent: Thursday, February 21, 2008 12:27 PM

Subject: NOAA: Increased Hurricane Losses Due to More People, Wealth Along Coastlines, Not Stronger

Storms

FOR IMMEDIATE RELEASE - February 21, 2008\*\*\* NEWS FROM NOAA \*\*\*  
NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION U. S. DEPARTMENT  
OF COMMERCE WASHINGTON, DC

Contact: Dennis Feltgen, NOAA 305-229-4404 Increased Hurricane Losses Due to More  
People,

Wealth Along Coastlines, Not Stronger Storms, New Study Says

A team of scientists have found that the economic damages from hurricanes have increased in the U.S. over time due to greater population, infrastructure, and wealth on the U.S. coastlines, and not to any spike in the number or intensity of hurricanes.

“We found that although some decades were quieter and less damaging in the U.S. and others had more land-falling hurricanes and more damage, the economic costs of land-falling hurricanes have steadily increased over time,” said Chris Landsea, one of the researchers as well as the science and operations officer at NOAA’s National Hurricane Center in Miami. **“There is nothing in the U.S. hurricane damage record that indicates global warming has caused a significant increase in destruction along our coasts.”**

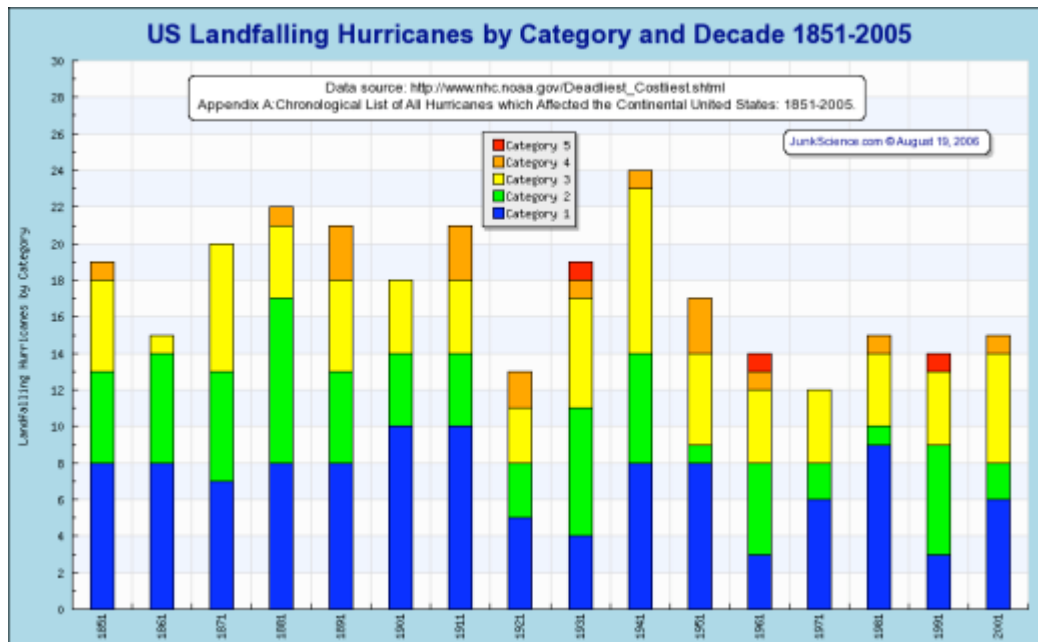
On the Web:

NOAA National Hurricane Center: <http://www.hurricanes.gov>

Link to paper:

[http://sciencepolicy.colorado.edu/admin/publication\\_files/resource-2476-2008.02.pdf](http://sciencepolicy.colorado.edu/admin/publication_files/resource-2476-2008.02.pdf)

**UPDATE:** URL to paper as originally posted above was missing a period, works now, try again if you missed it before.



Well that pretty much says it all don't you think? Will Gore revise AIT now?

« [January 2008 - 4 sources say "globally cooler" in the past 12 months](#) [Big Pacific Storm Headed In: Watch its progress live](#) »