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VP'S ANSWERS: Biden explains whispers with Boehner

Arctic current warmer than for 2,000 years: study



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By Alistair Doyle, Environment Correspondent – Fri Jan 28, 5:33 am ET



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OSLO (Reuters) – A North Atlantic current flowing into the Arctic Ocean is warmer than for at least 2,000 years in a sign that global warming is likely to bring ice-free seas around the North Pole in summers, a study showed.

Scientists said that waters at the northern end of the Gulf Stream, between Greenland and the Norwegian archipelago of Svalbard, averaged 6 degrees Celsius (42.80F) in recent summers, warmer than at natural peaks during Roman or Medieval times.

"The temperature is unprecedented in the past 2,000 years," lead author Robert Spielhagen of the Academy of Sciences, Humanities and Literature in Mainz, Germany, told Reuters of the study in Friday's edition of the journal Science.

The summer water temperatures, reconstructed from the makeup of tiny organisms buried in sediments in the Fram strait, have risen from an average 5.2 degrees Celsius (41.36F) from 1890-2007 and about 3.4C (38.12F) in the previous 1,900 years.

The findings were a new sign that human activities were stoking modern warming since temperatures are above past warm periods linked to swings in the sun's output that enabled, for instance, the Vikings to farm in Greenland in Medieval times.

"We found that modern Fram Strait water temperatures are well outside the natural bounds," Thomas Marchitto, of the University of Colorado at Boulder, one of the authors, said in a statement.

The Fram strait is the main carrier of ocean heat to the Arctic.

ICE-FREE OCEAN

The authors wrote that the warming temperatures "are presumably linked to the Arctic amplification of global warming" and that the warming "is most likely another key element in the transition to a future ice-free Arctic Ocean."

Ice on the Arctic Ocean shrank to its lowest on record in 2007 and many experts expect the ocean will be ice-free in summers in coming decades, a threat to the hunting livelihoods of indigenous peoples and to creatures such as polar bears.

The Arctic is heating up twice as fast as the global average as part of a trend the U.N. panel of climate scientists blames on a build-up of greenhouse gases from mankind's use of fossil fuels in power plants, factories and cars.

The shrinking of reflective ice and snow in the Arctic region exposes water or ground which are darker colored and so soak up more heat from the sun, amplifying warming.

(Editing by Ralph Boulton)

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Abc you could not be more wrong; you have never presented a paper in the scientific field, so you have no idea what you are talking about. I on the the other hand have. You are talking purely from a spectators position; which is just that. You have no real world experience; you are not a vested scientist! The analogy is simple; you think because you have captured bugs and put them in a jar and found a book to identify them that that makes you an Entomologist. In the case of your belief in humanity induced global warming based on media sound bites and pasted excerpts of scientist they have chose to endorse as fact; you think you can speak from a position of knowledge and clearly you can not! I pose two question to you to answer; 1) Why did the climatology community back in the 70's say the earth was heading to an ice age? 2) Do you know what the mathematical equation used to deduce carbon emissions produced by humanity and when was that equation proved! If you know so much about climatology this should be easy; and then you will have to explain how today's media @#\$% can still spout global warming as a humanity induce event solely! Bottom line is you don't have a true understanding of what you think you are explaining to defend this nonsense of humanity even understanding climate on a micro scale(we can't and maybe we won't even in the near future). The earth is over 3 BILLION years old; we can barely computer model nuclear detonations and you think we can understand planet climate based on real time observation of less then 300 hundred years and even with looking at ice cores and sediment cores as a nullifying treatise; is clear that this discussion is way above your ability to comprehend this subject!.

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11

Abc you could not be more wrong; you have never presented a paper in the scientific field, so you have no idea what you are talking about. I on the the other hand have. You are talking purely from a spectators position; which is just that. You have no real world experience; you are not a vested scientist! The analogy is simple; you think because you have captured bugs and put them in a jar and found a book to identify them that that makes you an Entomologist. In the case of your belief in humanity induced global warming based on media sound bites and pasted excerpts of scientist they have chose to endorse as fact; you think you can speak from a position of knowledge and clearly you can not! I pose two question to you to answer; 1) Why did the climatology community back in the 70's say the earth was heading to an ice age? 2) Do you know what the mathematical equation used to deduce carbon emissions produced by humanity and when was that equation proved! If you know so much about climatology this should be easy; and then you will have to explain how today's media @#\$% can still spout global warming as a humanity induce event solely! Bottom line is you don't have a true understanding of what you think you are explaining to defend this nonsense of humanity even understanding climate on a micro scale(we can't and maybe we won't even in the near future). The earth is over 3 BILLION years old; we can barely computer model nuclear detonations and you think we can understand planet climate based on real time observation of less then 300 hundred years and even with looking at ice cores and sediment cores as a nullifying treatise; is clear that this discussion is way above your ability to comprehend this subject!.

[Reply](#)

Micro-ok so you're a environmental microbiology; really! My father is a Microbiologist. I assume you know what a gram stain negative are? I attend the University of Florida @ The School of Natural Resources and Environment! No I won't post my real name; simply for the fact that my peers, mentors, and professors will chastise me for engaging in such a argument based solely on bashing media garbage! I'm just very frustrated that legitimate scientist that do not parrot what the media has decided is the truth and ignore the history of facts; are buried under politically motivated and the PC movements nonsense, just because people think the media would not lie to them or report truths taken from data facts that have been validated by hand picked scientist looking for fame and money! Legitimate scientist never have to and never do defend their findings of empirical data! They know it does not have to and facts are facts no matter what some people want to gain from them. The scientist that scream man induced global warming do so, because they have to, because it won't and can't stand on its own! Notice you and Abc overlook the fact that I did say "that yes man can and will in the future" cause global warming! Why do I know you and Abc are parroting the media; you ignore the fact that earths climate changes naturally and quite often extremely, and cause by force well outside our ability to change those events and the fact that we have nothing to do with natural global warming!.

[Reply](#)

Michael Mon Jan 31, 2011 08:22 am PST | [Report Abuse](#)

2

1

HB, your facts mean nothing. In the long run the Artic is cold, the equator is warm. Air moves around. So your facts don't mean a thing unless you are willing to look at what happens without any humans around. The seas were hundreds of feet lower at one time, and hundreds of feet higher. That indicates one of two possible causes. 1) The water is traveling between Mars and Earth or much more likely 2) the earth had the water locked up in ice or melted. If the second is more likely than all that warming and melthing had zero to do with human kind.

[Reply](#)

Michael Mon Jan 31, 2011 08:17 am PST | [Report Abuse](#)

1

1

Just a further note, If you want to lie than use averages that are based on different time periods.. That very carefully covers up any previous highs. Than use a very short modern time line to up the average for that short time line. Facts lie when distorted and liars distort the facts to make their case just like the Global Warming guys admitted in their own emails.

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Michael Mon Jan 31, 2011 08:14 am PST | [Report Abuse](#)

2

1

You notice I hope they left out any measurements prior to 2000 years ago. Just at that time the Romans used the southern Mediterranean as the grain larder for their empire and somehow prior to that the last ice age ended. Global Warming at its finest. Ignore any contrary facts and make sure the paycheck keeps flowing to the alarmist.

[Reply](#)

HB Sun Jan 30, 2011 09:38 pm PST | [Report Abuse](#)

1

1

In Rio de Janeiro, Brazil, Friday, Jan. 28, 2011, temperatures reached 106.5 degrees Farenheit.

In early January, cold air began flooding south from the arctic, putting the mainland U.S. into colder than usual conditions, but leaving...

Alaska with record highs, as much as 51 degrees in one place, in early January!

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Sabrecliff28 Sun Jan 30, 2011 03:09 pm PST | [Report Abuse](#)

1

1

We could use some global (or at least regional) warming in the New York area. We've had tons of snow all month and absolutely no warming trend to melt any of it away. We need spring ASAP!!!

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RootieKazootie Sat Jan 29, 2011 10:19 pm PST | [Report Abuse](#)

10

0

Sarah Palin says there is no global warming! Rush Limbaugh says there is no global warming! Glen Beck says there is no global warming! Sharron Angle says there is no global warming! Michele Bachmann says there is no global warming! The Tea Party says there is no global warming!

Therefore, there is no global warming, dammit!

[Replies \(1\)](#)

Bill Sat Jan 29, 2011 09:58 pm PST | [Report Abuse](#)

3

6

"We found that modern Fram Strait water temperatures are well outside the natural bounds," Thomas Marchitto, of the University of Colorado at Boulder, one of the authors, said in a statement..... we!!!! really? The "Natural" height of human arrogance, kinda like Gore having four kids when humans are so destroying the planet, to say we know what the normal earth temperature is? Geez. What fools these taxpayer leeches are.

[Replies \(2\)](#)

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