

NoTricksZone

"Not here to worship what is known, but to question it" - Jacob Bronowski. Climate and energy news from Germany - by Pierre L. Gosselin

Browse: [Home](#) / [2012](#) / [March](#) / [02](#) / Emphatic Blow To CO2 Warmists – New Study Shows A Clear Millennial Solar Impact Throughout Holocene

Emphatic Blow To CO2 Warmists – New Study Shows A Clear Millennial Solar Impact Throughout Holocene

By P Gosselin on 2. March 2012

A new paper titled *High-resolution sea surface reconstructions off Cape Hatteras over the last 10 ka* appearing just recently in the AGU Paleoceanography Journal authored by Caroline Cléroux et al provides further, clear evidence of a major solar impact on climate during the Holocene. Hat/tip: <http://kaltesonne.de/>.

According to the paper's abstract, the study presents high-resolution foraminiferal-based sea surface temperature, sea surface salinity and upper water column stratification reconstructions off Cape Hatteras, a region sensitive to atmospheric and thermohaline circulation changes associated with the Gulf Stream.

Now if I recall correctly, this was the region that Stefan Rahmstorf deemed not long ago as good enough to be used to represent sea level trend for the whole world.

The above authors focused on the last 10,000 years to study the surface hydrology changes under our current climate conditions and looked at centennial to millennial time scale variability. To do this, a seabed core was extracted off the coast of Cape Hatteras, North Carolina at a water depth of 620 m.

They observed opposite evolutions between the conditions off Cape Hatteras and those south of Iceland, known today for the North Atlantic Oscillation pattern. Around 8.3 ka and 5.2–3.5 ka, they reconstructed positive salinity anomalies off Cape Hatteras. For the 5.2–3.5 ka period they demonstrated that the salinity increase was caused by the cessation of the low salinity surface flow coming from the north.

What's behind the anomalies? They found that variations were in sync with total solar irradiance. The abstract states (emphasis added):

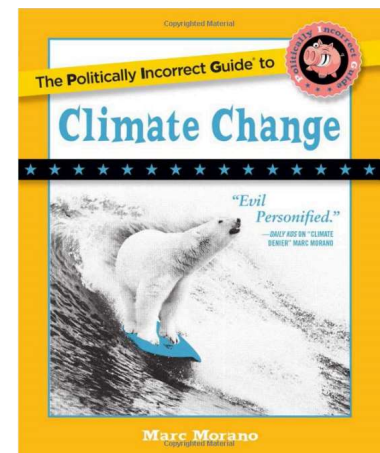
*Wavelet transform analysis revealed a 1000-year period pacing the $\delta^{18}O$ signal over the early Holocene. **This 1000-year frequency band is significantly coherent with the 1000-year frequency band of Total Solar Irradiance (TSI) between 9.5 ka and 7 ka and both signals are in phase over the rest of the studied period.***

The paper's introduction has a few sentences that the IPCC really needs to take note of (emphasis added):

***The last decade of paleoclimate research has shown that the Holocene is not the stable, climatic event-free period as previously thought: both external and internal (oceanic) forcings have caused major climatic changes. [...]** On a shorter time scale, observations over about the last 50 years show interannual and decadal climate change. These fluctuations probably persisted throughout the Holocene, together with centennial to millennial variability.*

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[Cloud Climate Influence](#)
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[CO2 Greens the Earth](#)
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[Drought and Deserts](#)
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[Flood](#)
[Glaciers](#)
[Gore](#)
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[Hockey Team](#)

Dr. Sebastian Lüning writes at the [Die kalte Sonne](#) site:

The new findings once again clearly underscore that the last several thousands of years are characterized by natural temperature cycles that are controlled by fluctuations in solar activity (see p. 68-75 in ‘Die kalte Sonne’). The logical continuation of these natural cycles through today shows that an important part of the warming of the last 150 years has to be attributed to the increase in solar activity. It is not a mere coincidence that the last decades have been the most [solar active](#) of the last 10,000 years.

The climate models used by the IPCC are not able to reproduce these millennial cycles because they assign only a very small climate impact to the sun. Also the recently introduced new climate model from the Max Planck Institute in Hamburg suffers from the same deficiency, and thus the results of that model are essentially unrealistic.”

In layman’s terms: crap in, crap out.

Once again yet another study that emphatically shows that climate changed in the recent past (while CO2 was stable), and that these changes were in sync with solar activity. We’ve said it a thousand times before, and we’ll probably have to say it another thousand times:

“It’s the sun, moron!”

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26 responses to “Emphatic Blow To CO2 Warmists – New Study Shows A Clear Millennial Solar Impact Throughout Holocene”



klem 2. March 2012 at 5:45 PM | [Permalink](#)

I can guarentee that this study will be ignored. If it actually gains some traction, oposition will form to say that it was funded with oil money.



P Gosselin 2. March 2012 at 6:22 PM | [Permalink](#)

Only so much ignoring is possible before one becomes completely ignorant. This paper will get some attention.



Papy Boomer 3. March 2012 at 3:58 PM | [Permalink](#)

What is the deadline for the AR5 IPCC report?



Andrew30 4. March 2012 at 1:41 PM | [Permalink](#)

For this paper it would be about \$3,263,722.98 + tax



DirkH 2. March 2012 at 6:09 PM | [Permalink](#)

Great toy, Oulu neutron count query. Choose start date; activate checkbox “create chart” if you want to.

<http://cosmicrays.oulu.fi/#database>

- Humour
- Hurricanes/Tornados
- Innovation
- IPCC
- Lifestyles of the Rich and Alarmist
- Little Ice Age
- Media / Bias
- Medieval Warm Period
- Misc.
- Models
- Monthly summaries
- Natural Oceanic Oscillations
- Natural Variability
- Nuclear energy
- Nutrition
- Ocean Acidification
- Oceans
- Ozone 'Hole'
- Paleo-climatology
- Pandemic
- Pollution
- Russian Climate Science
- Scepticism
- Sea Ice
- Sea Levels
- Solar
- Solar Sciences
- Stupid Predictions
- Tectonics/Volcanoes
- Temperature Bias/Urbanization
- Uncategorized
- Uncertainty Error
- Warming/CO2 Benefiting Earth
- We're To Blame
- Weather
- Wind Power

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- 1. About
- 1. Contact
- 1. Cookie Policy
- 1. Data Privacy / Datenschutz
- 1. Legal/Impressum
- 1. Rules For Reposting
- 100+ Papers – Sun Drives Climate
- 129 Climate Scandals
- 160 Papers: Low Sensitivity
- 285 Papers 70s Cooling 1
- 285 Papers 70s Cooling 2
- 285 Papers 70s Cooling 3
- 2m Higher Holocene Sea Levels
- 600 Non Warming Graphs (1)
- 600 Non Warming Graphs (2)
- 600 Non Warming Graphs (3)
- Climate Bet For Charity
- Climategate 2.0