

## 1. Old History

- 3.70's: Global cooling -- Ice Age Coming
- 4. Wikipedia on climate
- 5. 2000's : Climate Change
- 6. USA government on climate
- 7. Other countries on climate
- 8. Math Reviews on climate
- 9. News 2007-2009
- 10. 2010
- 11. 2011
- 12. 2012

[back to the main climate page](#)

## 2. Plots

### Plots and graphs from David Bernstein

Here are his comments:  
These graphs describe the temperature fluctuations on the surface of our planet during the last

10 thousand years,  
50 thousand years,  
420 thousand years,  
5 million years,  
65 million years,  
542 million years

These graphs show some interesting cycles

The most important (from our point of view)  
are the two cycles from Ky-420 and Myr-542

In Ky-420 we see ice ages (90% of the time)  
when Berlin and Moscow were covered by a mile-thick  
layers of ice.

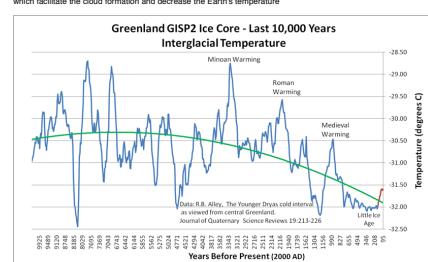
Every ~100Kyr they are interrupted by short  
(~10Kyr) warm periods that becomes possible  
in Europe (North of the Alps) and North America

Right now we are in one of these interglacials (probably at the end of it)

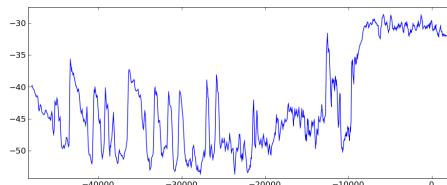
The most popular explanation is the Milankovich cycles (changes in the Earth's orbit)

On the other hand the cycles in Myr-542 are much longer  
(~300Myr) and most of the time the Earth is much warmer  
to the point where no ice at the poles (tropical climate in Greenland)  
but occasionally the Earth enters the era of ice ages (like during  
the last 2Myr)

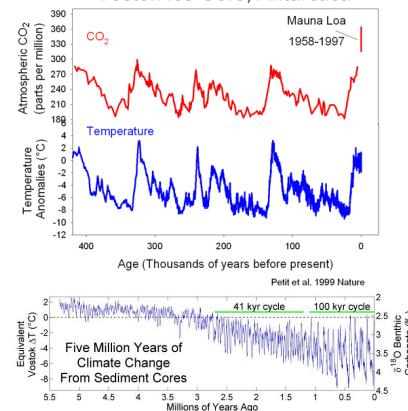
The most popular explanation is the movement of the solar system  
around the galactic centers where occasionally we travel not far from  
regions rich in Supernovas that increases the flux of cosmic rays  
which facilitate the cloud formation and decrease the Earth's temperature

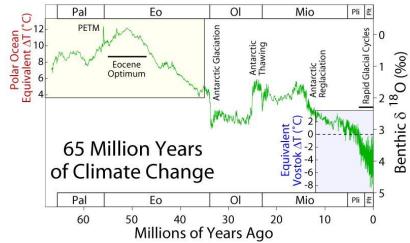


Temperature of Lower Atmosphere  
Last 50,000 Years  
From S-Hemisphere ice and air data

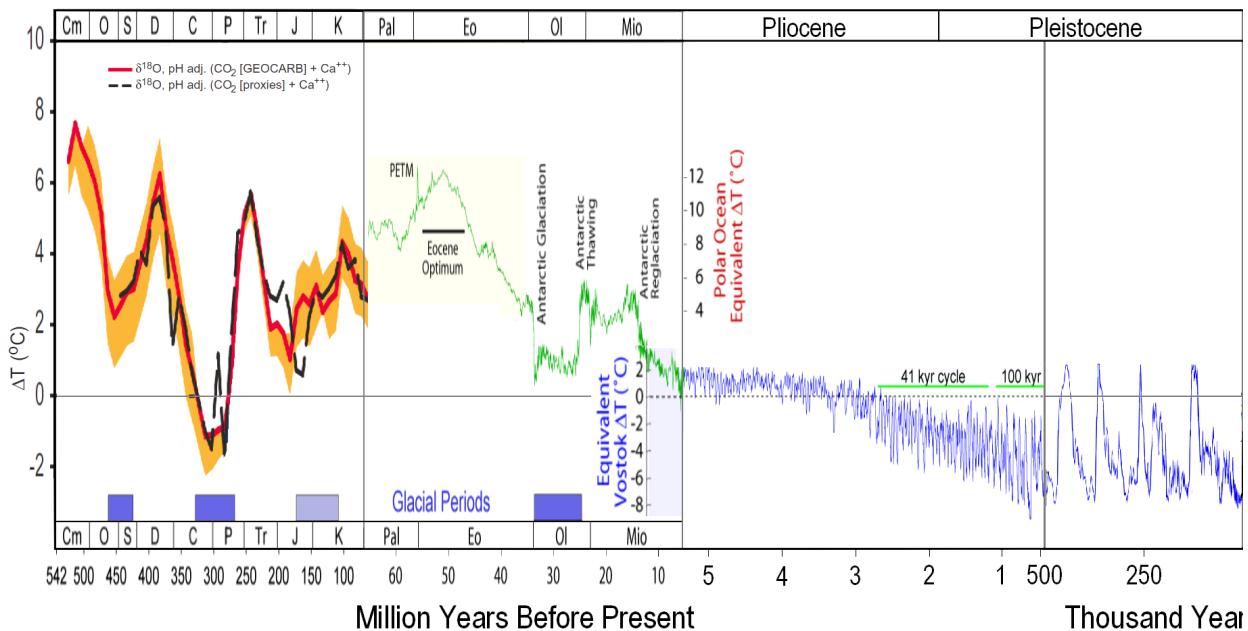


Vostok Ice Core, Antarctica

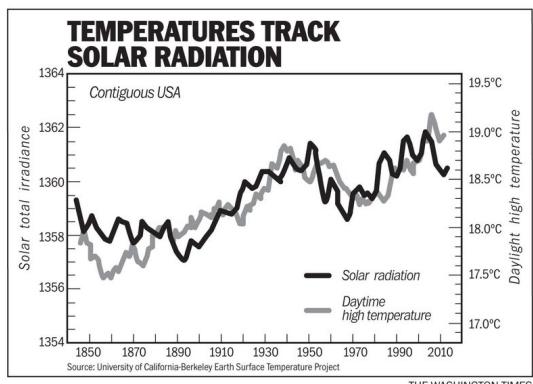


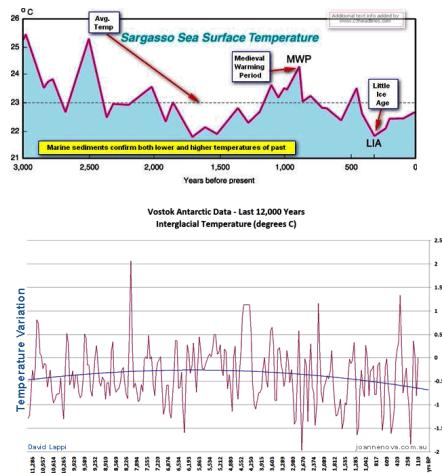
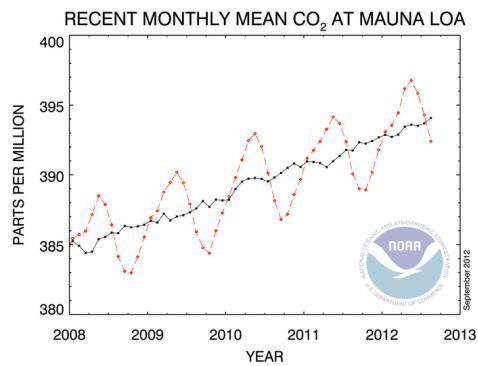


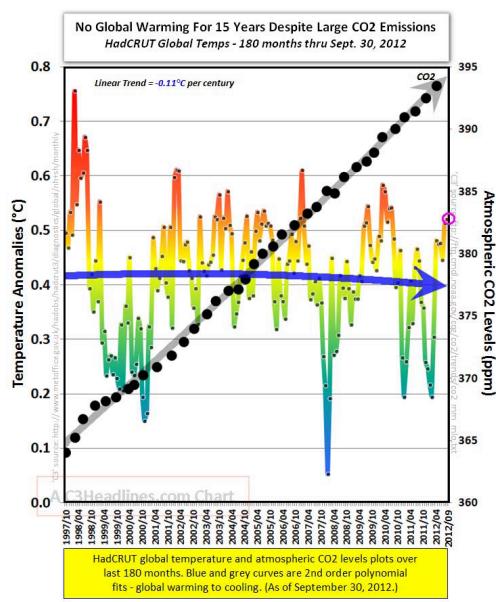
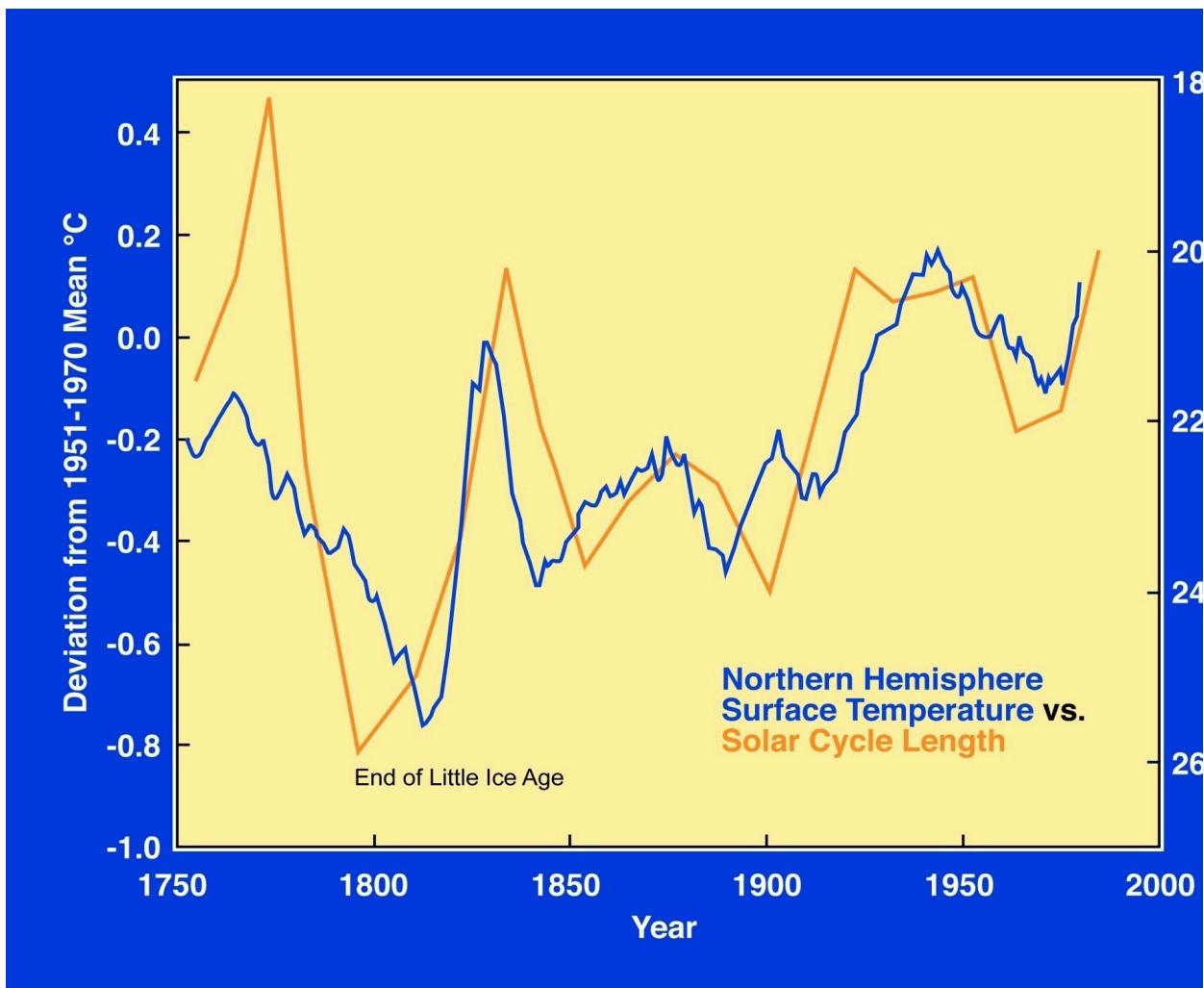
## Temperature of Planet Earth

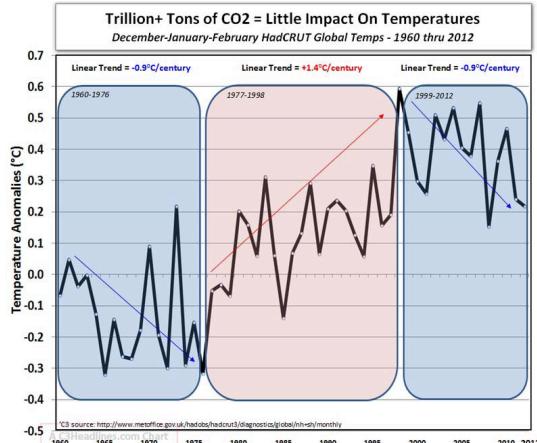


Other plots



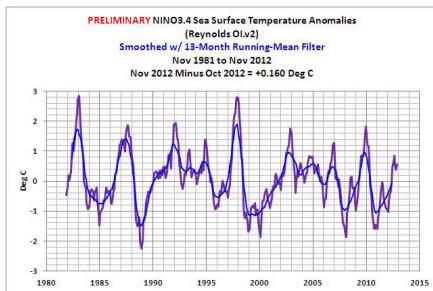
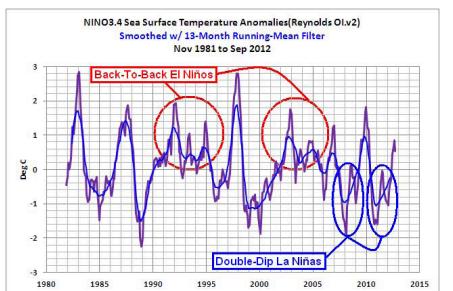






Above chart depicts the global cooling and warming phases experienced during the months of December, January and February, from 1960 through 2012. (Simple avg. of 3-months' anomalies.) Per the AGW theory and IPCC climate models the observed cooling trend from 1999 to 2012 should not have happened.

<http://c3headlines.typepad.com/a/6a010536b58035970cd167647bf5a3970b-popup>



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