## BOB HOYE DECEMBER 2021

Climate Update: December 2021

"No authority on Earth can claim the right to coin opinions into truths, and make them current by their authority."

- John Locke (1632 – 1704).

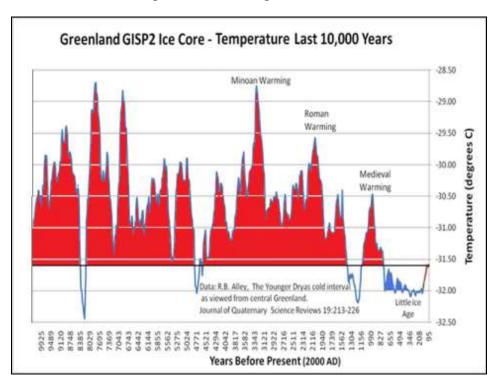
"Global Temperatures Over Last 24,000 Years Show Today's Warming Unprecedented"

- University of Arizona, November 2021.

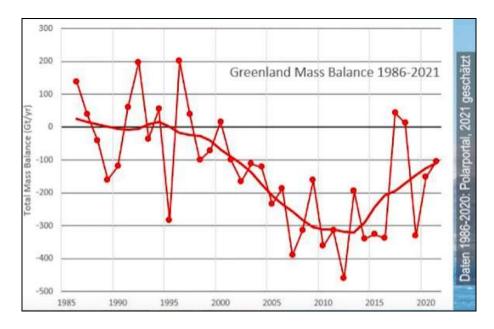
The latter is based upon a temperature chart that eliminated the Medieval Warm Period and the Little Ice Age. Not identified in the article the chart seems to include Mann's 1,000-year "Hockey Stick" contrivance, but covering back to the coldest of the last ice age. Also "cancelled" are the Roman Warm Period as well as the Medieval Warm Period.

If the facts don't fit your theory, erase them and fabricate more convenient ones.

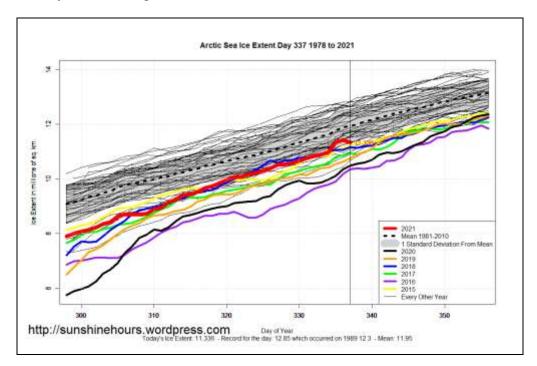
The following chart, by Easterbrook, shows temps over the last 12,000 years. The Holocene optimum shows but is not labeled as such. Roman and Medieval "Optimums" are obvious. As the subsequent cooling trend was eventually described as the "Little Ice Age", Romans took to wearing trousers as being warmer than the usual short tunic.



In 2007, BBC recycled some concerns: "The Latest Modelling Indicates That Northern Polar Waters Could Be Ice-Free Within Just 5 – 6 Years". That would be by 2013. The next chart shows "Greenland Ice Mass" since 1986.



And the next is: Arctic Sea Ice Extent to Day 337. Note that it is back within the "normal" band of standard deviation. It is uncertain if this makes the polar bears happy, but it should relieve the anxieties of those who devoutly believe that "*Ursus maritimus*" has suddenly ceased being a maritime bear.



On December 1<sup>st</sup>, The Barents Observer reported: "Deep Freeze in Arctic Europe Sends Power Prices Soaring".

Then on December 5<sup>th</sup>, HAARP headlined: "Paris: Snow Apocalypse Paralyzed France. Severe Snowfalls and Frosts".

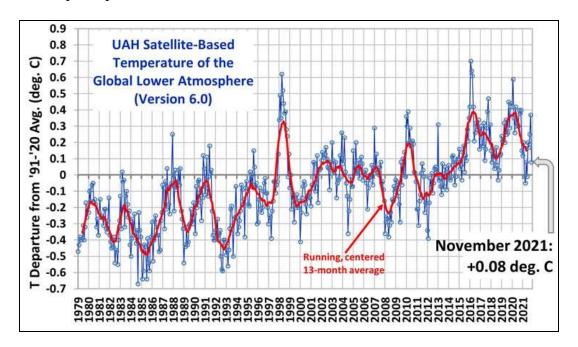
A town in Sweden recorded -34.7 C.

And from the Southern Hemisphere: "Australia's NSW Suffers The Coldest November On Record".

We have not updated our Climate Comments in many months, but the theme has been that on the longer term decreasing solar activity would be associated with a turn to climate cooling. And on the nearer term, increasing volcanic activity and the change from an El Nino to a La Nina would have the usual cooling effect.

This combination continues to bring the UAH Satellite chart down to the flat-lying trend. November's posting is at +0.08 C.

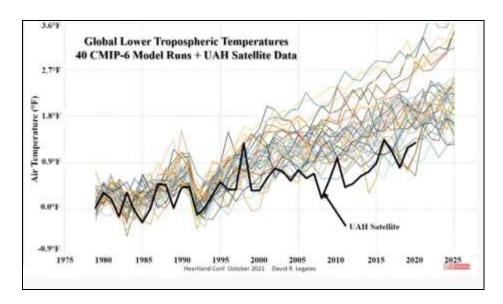
Note the spike ups with the 1998 and 2016 El Ninos, which was warm weather.



More than a year ago, the "Climate Czar" for Massachusetts, David Ismay, revealed serious personal anxieties in declaring war upon the people. The statement included that: "We have to turn the screws" to "break the will of the people". Meaning that skepticism that is basic to scientific inquiry had become religious heresy.

In October 2020, Joe Biden proclaimed: "Climate change is the number one issue facing humanity".

The following chart records thirty years of inaccurate "modelling" of forecast temperature trends, against the best proxy for temps:



The post for November places the number at +0.08 C, flattening the trend.

It is ironical that in applying today's passions about "cause and effect" the last chart shows that the more COP conventions they have the higher the concentrations of atmospheric CO2. The correlation is real, isn't it?

