

**BOB HOYE**

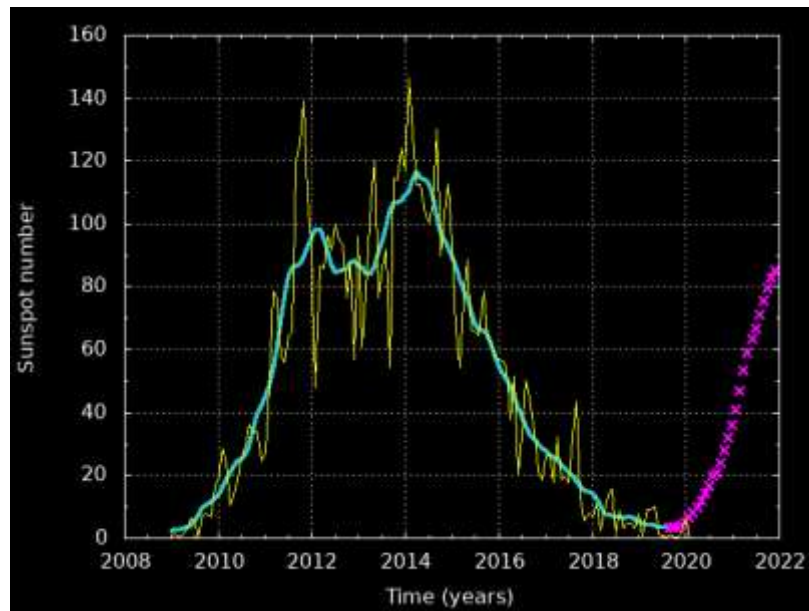
**MARCH 3, 2020**

### **Solar Activity: Update**

Not only was January an ebullient month in the financial markets, so it was in the Sunspot count. Solar Cycle 24 is scheduled to be bottoming sometime around late 2019 and into 2020. This has been happening with the Sunspot count for November down to 0.5. But the December number was 1.6 and that for January was 6.4. And working on SC 25, some of the recent “Spots” have had the opposite polarity.

However, February came in at 0.4 matching the low for October. And one of the satisfactions in tracking this is that it shows that the real physics of the solar system includes predictability. In the 1990s, solar physicists, Penn and Livingston’s work concluded that the long trend in increasing solar activity would end and would be followed by a lengthy decline. The importance of which is that the long warming influence would be followed by a cooling trend.

Indeed, this has been working out as SC 23 and 24 have been the weakest since the early 1900s. Recent studies by solar physicists consider that SC 25 will also be weak. The chart updated to February follows:

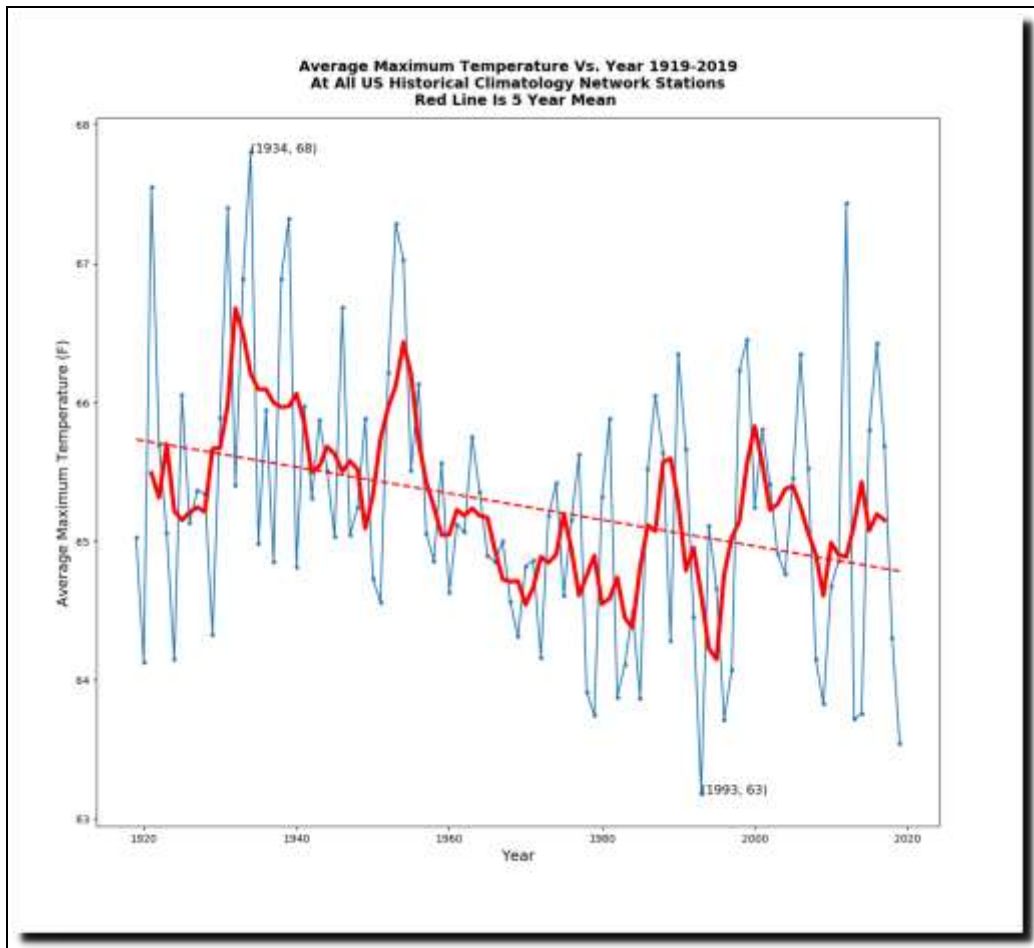


The second chart is by Tony Heller and it is the raw historical data from the US, which is the best record on the planet. It shows the downtrend since the exceptionally hot 1930s. The promoters of climate hysteria have altered the basic data to “disappear” two very important geological events. The Medieval Warm Period which was warmer for longer than our warm spell. This was because the CAGW theories could not explain that natural

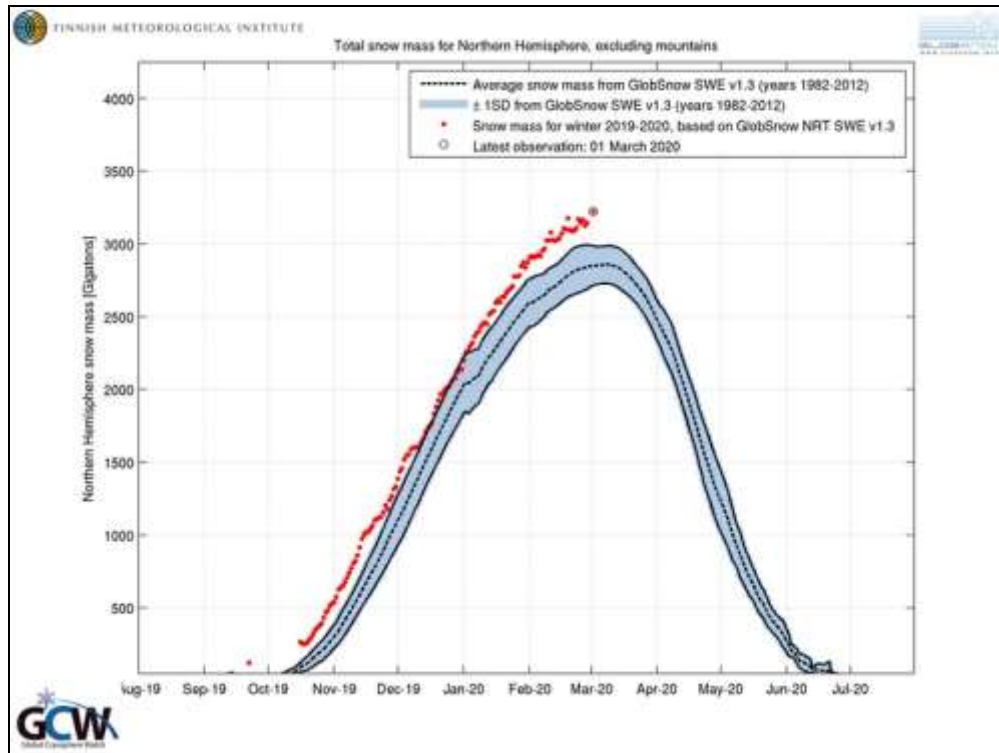
warming period. For much the same reasoning the Little Ice Age that reached its worst in the late 1600s was also “disappeared”.

Regrettably, the current temperature record is being altered as temps from some 20 to 30 years ago have been artificially lowered. A disturbing example of altering the data to fit a bogus theory. Mainly to enhance governments’ power and revenues.

Tony Heller’s work on this fraud has been outstanding, and today he has announced he will be setting up a bigger platform.

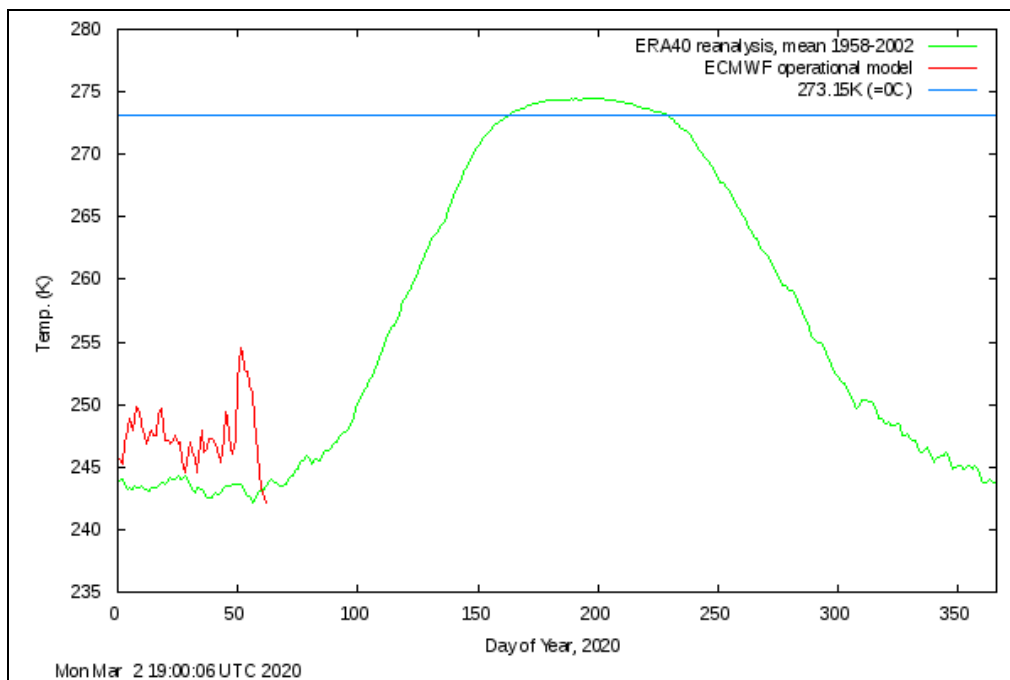


Fortunately for the sake of science, there are some charts that have been unaltered for political advantage. The next one is the record of the amount of snow for this season in the Northern Hemisphere. And whenever we run it we think about Dr. Viner’s personal revelation that “*Children just aren’t going to know what snow is.*” That was uttered in 2013 when Dr. Viner was a senior research scientist at the University of East Anglia. Clearly he was wearing his fund-raising cap and gown.

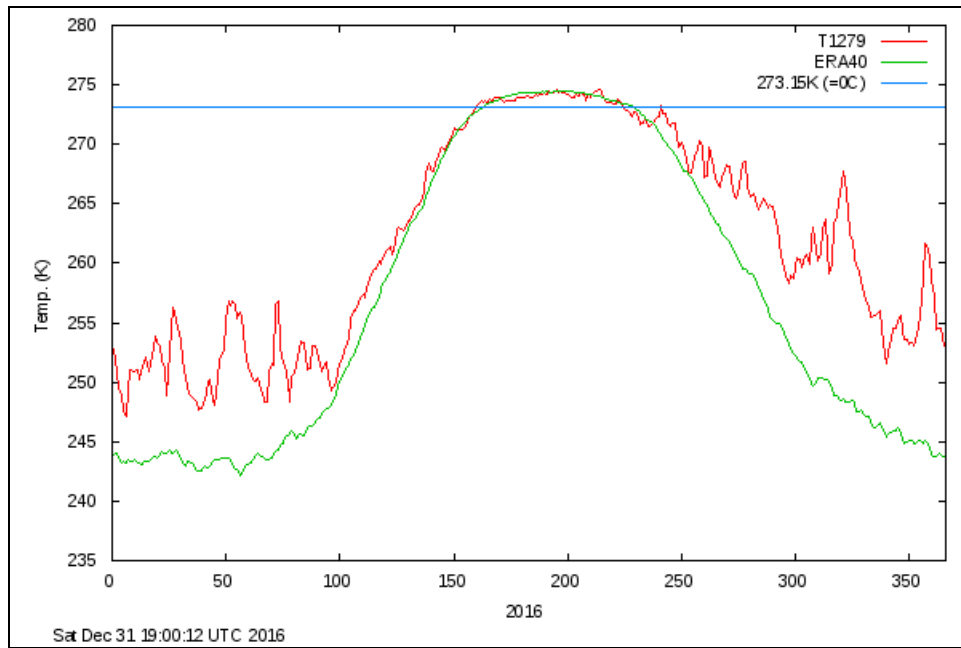


And the following charts record this winter's temperature in the far North compared to the winters warmed by the exceptional El Nino of 2015 to 2016.

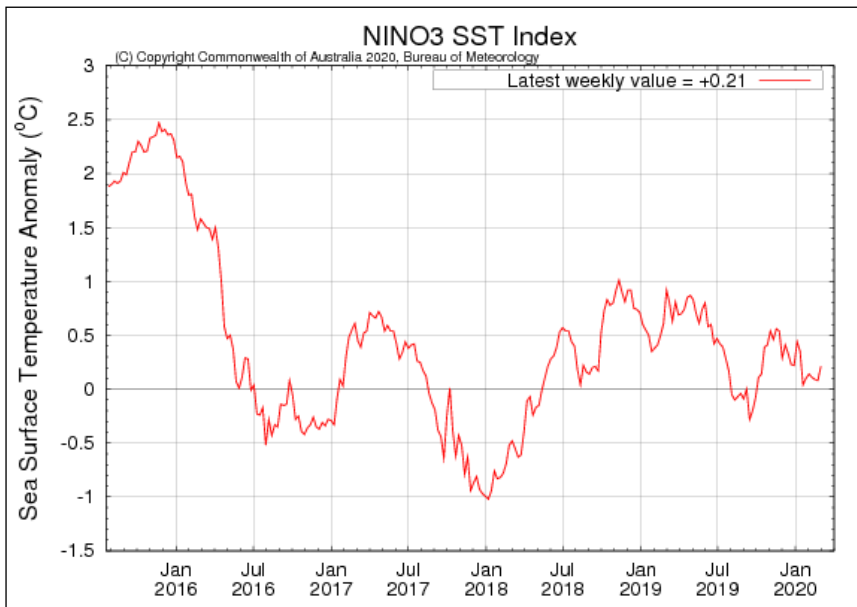
This week the temp has broken below the average. It is worth noting that the big swings in the plot are due to the "Polar Vortexes", which in pushing cold air south in one region allows warm air to flow north elsewhere. Thus making the plot volatile.



The “El Nino” chart, which shows an outstanding difference.



While climate history is not yet into the cooling of the next La Nina, some wag has named the in between as a “La Nada”. We will advise when it is over.



## Agree With Us Or Go To Jail



### Climate crimes must be brought to justice

"Climate denial has benefited from the generosity of the fossil fuel industry."

**Climate denial has increased the risk of catastrophic global change. Should international criminal law be used against those who promote this dangerous trend? Economic and political leaders can no longer pretend it is business as usual. Whether they actively induce environmental harm or just ignore the existential threat against the survival of the human species, states and corporations must be held accountable for their actions or inaction regarding climate change.**

Catriona McKinnon