

NASA'S LATEST PREDICTION SUPPORTS GLOBAL COOLING

Commentary by Kevin Long

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29-2-2012

NEWS ARTICLE: 17 June 2011 by Lawrence Solomon Financial Post (Canada)

NASA Scientist Reverses Sunspot Prediction, Bolstering Global Cooling Theory

(emphasis added)

[In 2006] NASA's David Hathaway, one of the world's leading authorities on the solar cycle, predicted that the Sun was about to enter **an unusually intense period of sunspot activity**. Referring to Solar Cycle 24, the 11-year period that we're now in, Hathaway predicted that it "looks like it's going to be one of the most intense cycles since record-keeping began almost 400 years ago."

COMMENT BY KEVIN LONG: Hathaway's 2006 position was in stark contrast to earlier predictions made by other solar scientists such as Theodor Landscheidt whose detailed work stretches back to 1980. Landscheidt and other scientists used "barycentre calculations" for the basis of their predictions (i.e. that the shifting centre of gravity of the total solar system pulls at the sun and causes the cyclical variations in solar flares, eruptions and sunspot activity). Landscheidt's predictions have stood the test of time very well. Landscheidt predicted that this coming Solar Cycle 24 would be one of the smallest since 1820 (i.e. since the end of the "Dalton Minimum" global cooling period).

Because sunspot activity has historically predicted periods of global warming and global cooling – lots of sunspots translates into lots of warming and vice versa – Hathaway's study – presented at a December 2006 meeting of the American Geophysical Union in San Francisco — acted to support global warming theorists and to discredit the various solar scientists who believe that Earth is about to enter a prolonged period of cooling.

[Now in mid-2011] Hathaway, a solar physicist at NASA's Marshall Space Flight Center, believes his earlier prediction was wrong. Rather than hitting a peak of 160 sunspots, and possibly 185, as he predicted in 2006, he now believes that the Sun's activity will decline dramatically. **The current [mid-2011 NASA] prediction has been reduced to less than half that of 2006 prediction, which would "would make this the smallest sunspot cycle in over 100 years."** he now states.

All this comes amid a flurry of other reports, including from scientists at the U.S. National Solar Observatory (NSO) and U.S. Air Force Research Laboratory, indicating that global cooling, and perhaps even a new Little Ice Age, is on its way.

"We expected to see the start of the zonal flow for Cycle 25 by now, but we see no sign of it," states Frank Hill of the U.S. National Solar Observatory, who recently co-authored another paper in the field. "This indicates that the start of Cycle 25 may be delayed to 2021 or 2022, or may not happen at all."

The upshot is chilling: "If we are right, this could be the last solar maximum we'll see for a few decades," Hill states. "That would affect everything from space exploration to Earth's climate."

The notion of another Little Ice Age, as happened in the last half of the 1600s, is no longer dismissed. Asks the National Solar Observatory: "An immediate question is whether this slowdown presages a second Maunder Minimum, a 70-year period with virtually no sunspots [which occurred] during 1645-1715."

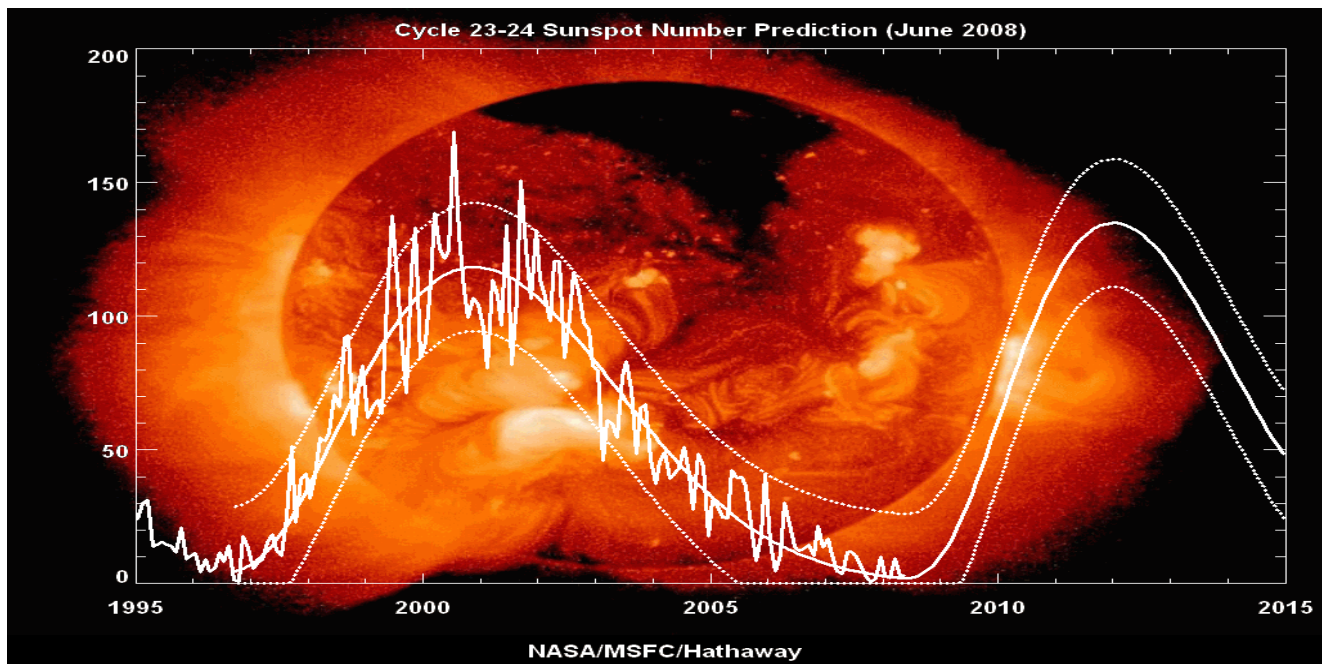
[NEWS ARTICLE ENDS]

HOW NASA ALTERED ITS SUNSPOT PREDICTIONS (2006-2012)

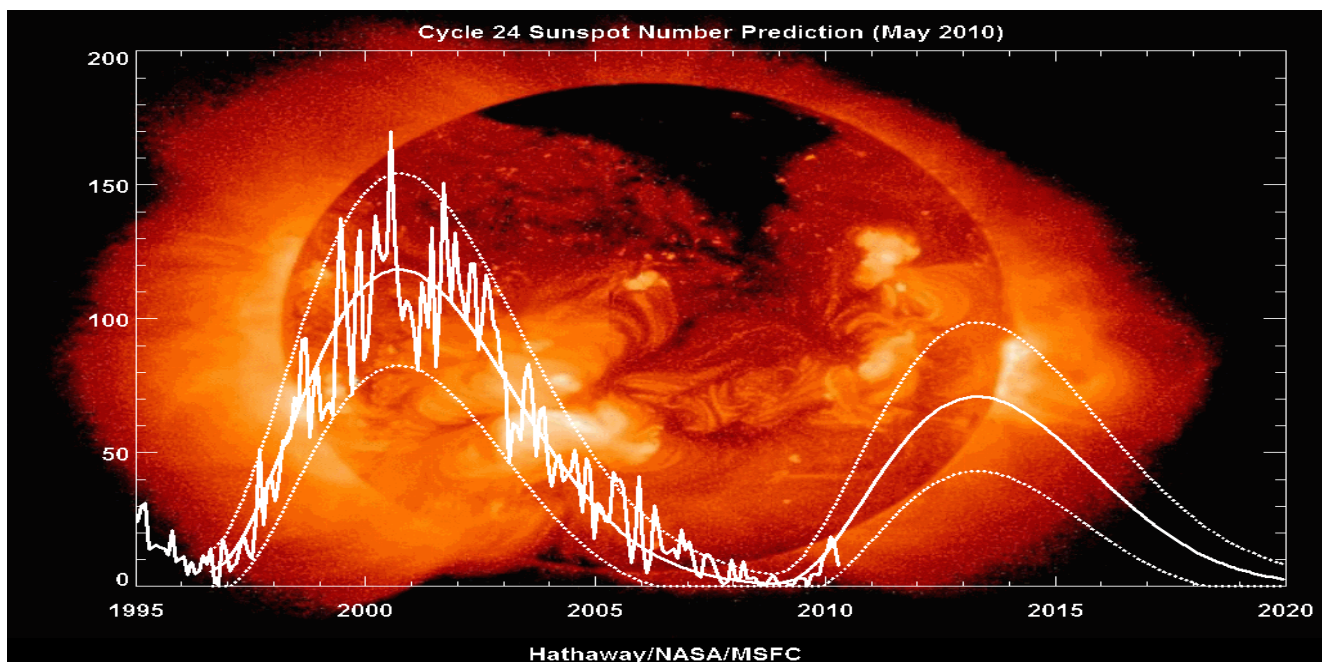
Below is the record of some of the sunspot predictions that NASA has released during the last 4 years. SOURCE: NASA Marshall Space Flight Centre www.solarscience.msfc.nasa.gov Take note how these predictions have been changed from one extreme to the other in this short period of time (2008 to 2012).

Between 2006 and 2008 NASA was predicting the next sunspot cycle would be very intense, peaking in 2012 at approximately 160 -185. However, it appears they had no idea, as they have kept changing their prediction (often quite significantly) from month to month as shown below.

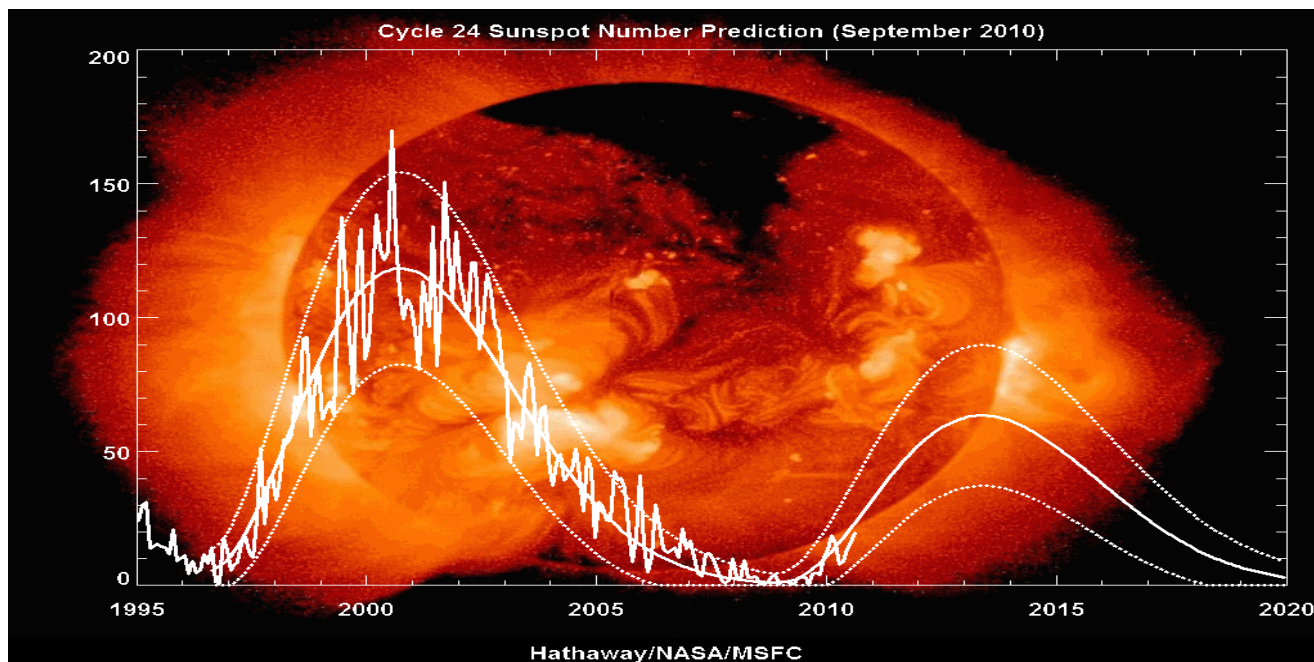
Starting with the June 2008 Prediction ... A predicted peak of 145 in early 2012.



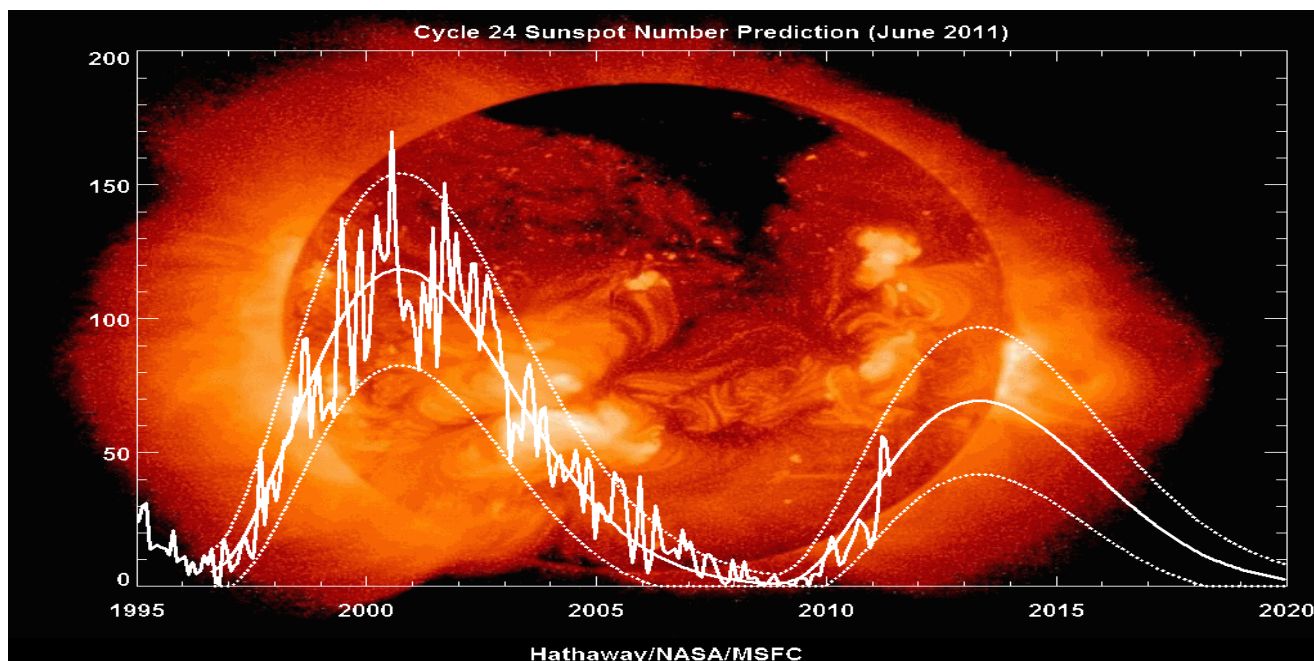
Mid-2010 The sunspot prediction had been dramatically dropped - peaking at 70, which is well below the long-term average, with the peak occurring in early 2013.



Late 2010 The NASA Sunspot predictions were further reduced down to a very low peak of only 65, but still peaking early 2013.

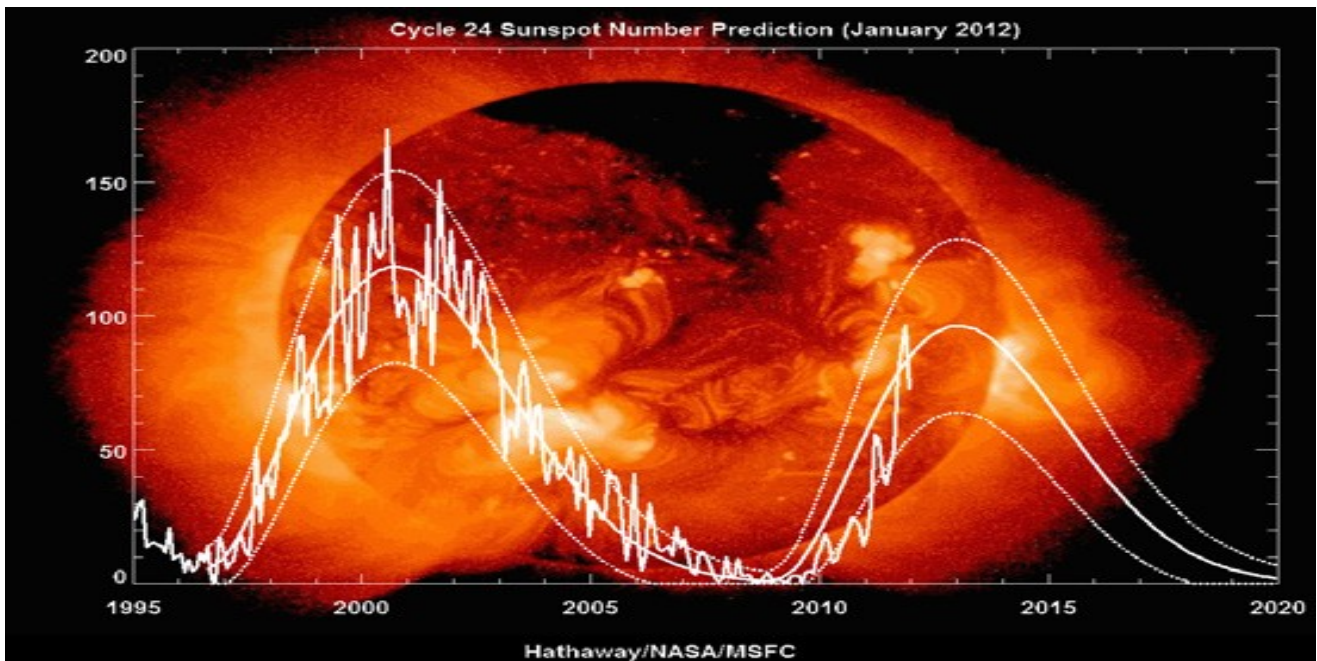


Mid 2011 NASA started to raised it's prediction back up again ... to about 70 in early 2013.

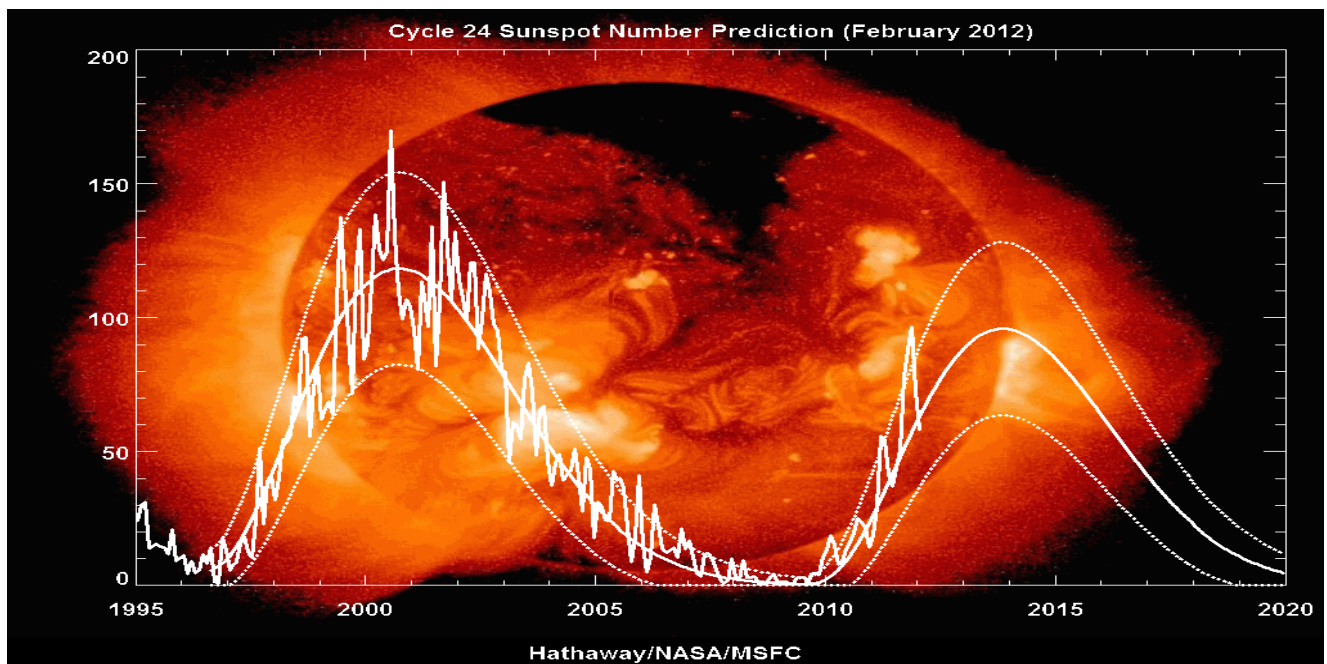


Late 2011 Just before the climate change conference in Africa, NASA raised its sunspot prediction back up to 90+ with the cycle peak still occurring in early 2013.

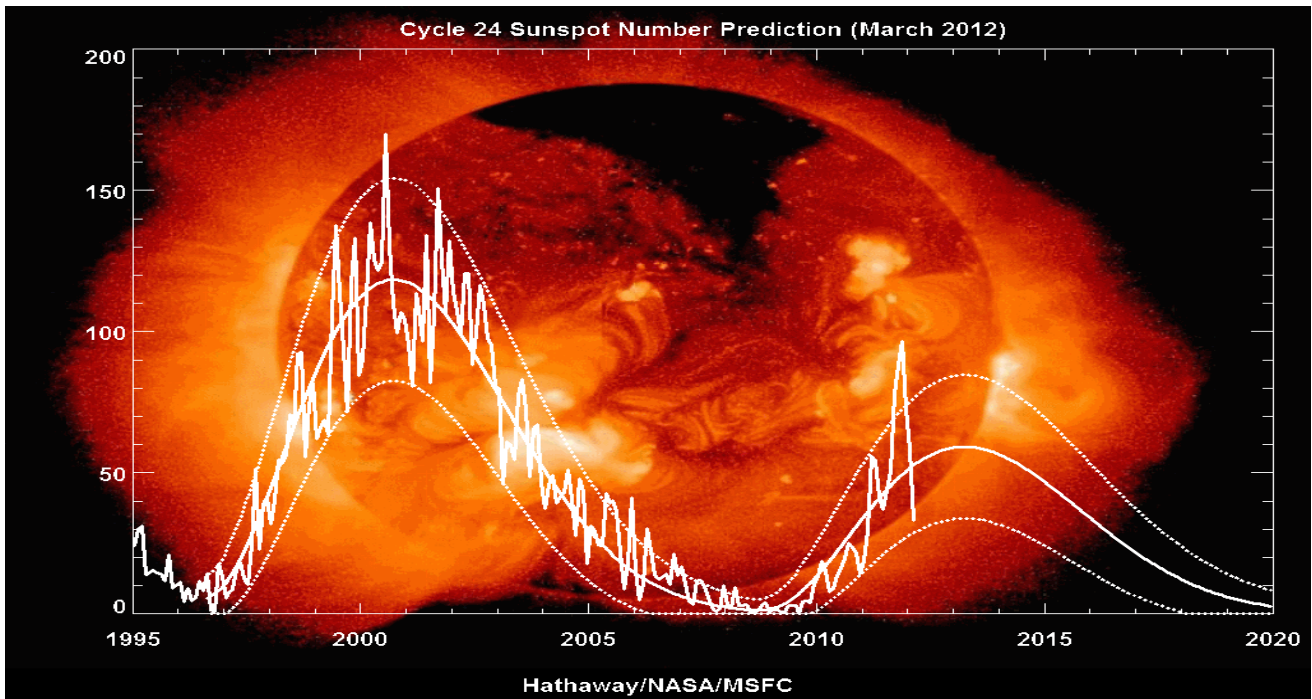
This change, back up to 90+, was done just after Hathaway admitted he had got the early prediction all wrong, and he now believed 65 was the expected peak.



Early 2012 NASA's predicted cycle length was changed for the first time extending the cycle length to peak during late 2013, thus giving the impression that the sunspot numbers were now running ahead of their predicted numbers for the first time. Very impressive manipulation I conclude!



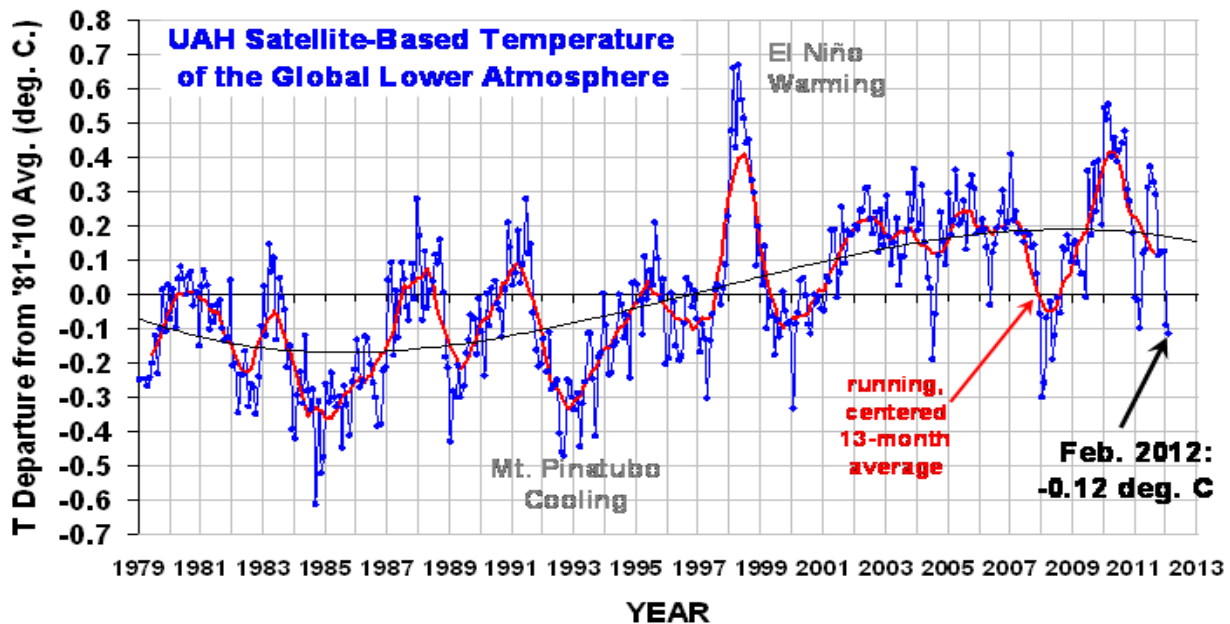
Late February 2012 Surprise surprise! NASA did another massive back flip and released their lowest prediction so far - only 59 sunspot number and again peaking in early 2013.



SUMMARISING CURRENT SUNSPOTS AND ATMOSPHERIC TEMPERATURE

During 2011-12 solar radiation levels have been running abnormally low. Furthermore during recent months the average sunspot numbers have been reducing again. We may have already seen the peak sunspot numbers of this cycle!

Regarding global cooling, the latest satellite temperature measurements for Earth's global lower atmosphere show a precipitous plunge since mid-2011, sending the trend lines down towards "zero" very rapidly again.



SOURCE: University of Huntsville Alabama <http://www.drroyspencer.com/latest-global-temperatures/>

IPCC IS BLIND TO DANGERS OF GLOBAL COOLING

All this mounting evidence has trashed the reputation of the IPCC and NASA still further. It has vindicated scientists such as Landscheidt who have worked so hard to explain how the gravitational forces of the large gas planets are the dominant force behind the ever changing global climate.

The present declining trends in sunspots and global atmospheric temperatures are giving a very clear picture that the next 30 years will be dominated by the cooling phase of the “60-year heat cycle” combined with the developing “Landscheidt” solar minimum cycle. It is predicted that global temperature will cool by a massive amount during the next 20 years - cooling more than they have risen since 1830 and not recovering to the average temperatures of the last decade during the life time of the present population.

This predicted rapid drop of global temperature will decimate global food production and result in world famine and economic devastation.

THE POLITICAL MESS AROUND CLIMATE CHANGE

Australia’s current Labour Prime Minister Julia Gillard, really put her foot in it when in mid 2011 she said “now is the right time to bring in the Carbon Tax”. Given the evidence that she had at the time I can only say “never has she been so wrong” and never has she been more dishonest.

Just as Hathaway has had to admit he was totally wrong, Julia now must come clean for the good of all Australians and give up that stupid Carbon Tax idea. It will only make a devastating scenario worse.

Note the subtle changes in the political “spin” language. “Global Warming” became “Climate Change”. “Climate Change” is becoming “Clean Energy”. What next?

May I suggest a “Global Cooling Tax” to help the relatives of those killed by the extremes of global cooling!!!

And so the climate wheel continues to turn, ever so slowly.

Regards, Kevin Long

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