

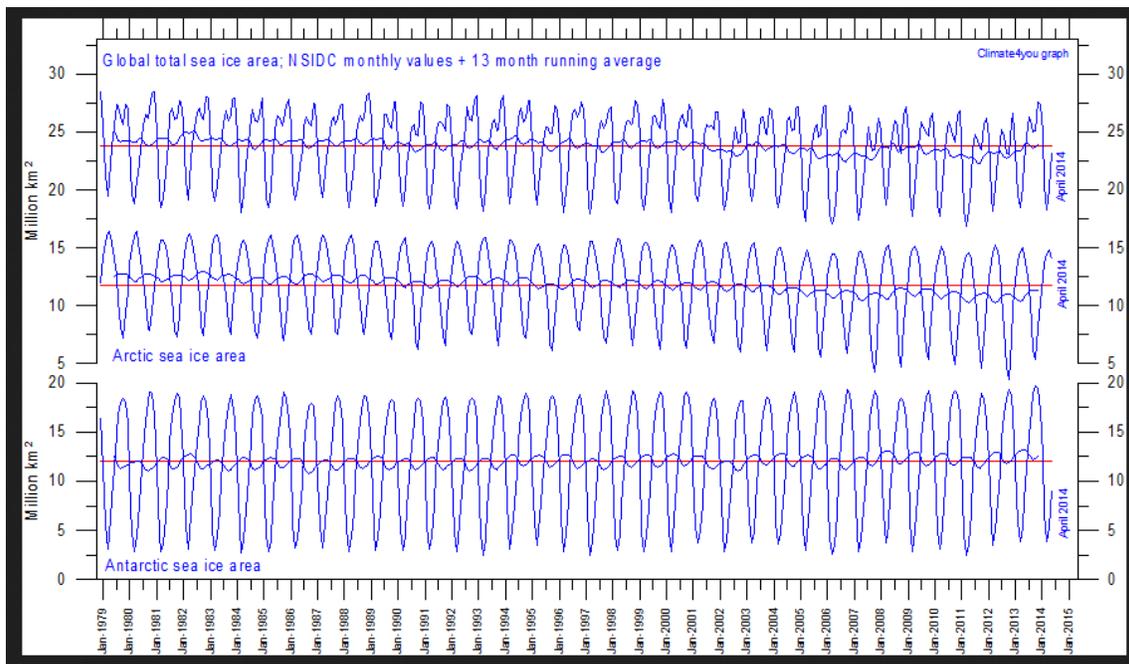
Mental Chaos – Oops, Climate Chaos

French Foreign Minister Laurent Fabius is quoted in the Weekly Standard, click [HERE](#), as saying, “as I said, we have 500 days to avoid climate chaos.” Some suggest the term ‘climate chaos’ is the Progressive’s new term for ‘climate change’ or ‘global warming’. . The Weekly Standard suggested the ‘500 days’ might be in reference to the "[21st Conference of the Parties on Climate Change](#)". I am not certain what it means.

An organization called the “Centre for Research on Globalization” has used the term “Climate Chaos”, click [HERE](#), when it spoke of the Washington Establishment not supporting the findings of the 2009 Copenhagen Climate Summit and more recently, January 23, 2014, not focusing on the consequence of Arctic warming, i.e. loss of Arctic Ice. The claim that the amount of Arctic Ice is significantly reducing and that the consequence will be a rise in the oceans seems to be at the center the current hue and cry of Global Warming. So let’s look at the data for ice.

Ice Data

First – Don’t panic, this is simple stuff. Figure 1 shows three plots of area (millions of square kilometers) of ice, from 1979 to the present: the top one is the total area of ice around the entire globe, the middle one is the total area of ice at the North Pole (Arctic ice), and the bottom one the total area of ice at the South Pole (Antarctic ice).



Each plot is oscillatory because in the Summer temperature increases and so ice melts, and in the Winter ice forms. If you closely compare the middle (Arctic) plot to the bottom (Antarctic) one you will see that when there is at a maximum (peaking) for one the other one is at a minimum. This makes sense because when it is Winter in the north (Arctic) it is Summer in the south (Antarctic), and vice versa

From 1979 to 1996, a 17-year period, the Arctic peak decreased about 9 %, but since 1996 until now, an 18-year period, the decrease has been 2 %. This suggests to me that although the CO₂ level increased since 1996, almost twice it did for the prior period, the ice for 1996-2014 is less than a quarter of that for 1979 – 1996. In other words, there is no correlation between changes in Green House Gases and the amount of Arctic ice.

Meanwhile, for the period from 1979 to the present, the Antarctic ice area, bottom plot, has increased. So in spite of an increase in CO₂ and other global warming (greenhouse) gases there has been an increase in ice at the South Pole. This too is a lack of correlation. (Frankly, the amount of increase is not large, and if subjected to error and standard deviation analysis it is not impressive.)

Finally, the Global total ice, the top plot, decreased 3 % for the period from 1979 to the present. What is not shown in this plot, or the other is the standard deviation, which for the Arctic data alone, is from 2.64 % to 14.60 % with an average of 5.96 %. Thus there may or may not have actually have been a decrease of Global total ice.

Closing Thoughts

Whether or not there is an increase in ice or decrease in ice depends. At the North Pole Region (Arctic), perhaps there has been a decrease. But if it is a decrease it does not appear to have a correlation with mankind activities. In particular, there is no correlation with the most popular barometer, the level of atmospheric CO₂. (As an aside, there is no correlation of CO₂ with mankind activities if one compares the recent growth in CO₂ levels with the energy consumed by mankind.) And though there is an indication of an increase in ice at the South Pole Region, Antarctica, the magnitude is no more impressive than the magnitude of the decrease at the North Pole.

My take on all of this is that perhaps there are or perhaps there are not changes in the amount of ice. And since what change there may be does not appear to be correlated with other data, such as CO₂, it is anyone's guess as to what could be causing change, if such exists. Moreover, mankind does not appear to be a player in the game.

One more observation: If you think this is fuzzy stuff then take a look at temperature data, such as may be found by clicking [HERE](#). The deeper one gets into the matter the less certain are the answers. Several years ago I compared NOAA "Adjusted" Temperature Data for the United States to the NOAA "Raw" Temperature Data. ("Adjusted" Data is derived from the "Raw" Data.) To paraphrase an old Jerry Lee Lewis song title: It was obvious a Whole Lot of Adjustment Was Going On. But there was an even more astounding discovery: The NOAA Raw data is supposedly the data, without change, from the Six Regional Climate Centers' data bases. I found that to not be so. The NOAA Raw data was not the same as that at the Regional Centers. When I plotted the data from the Regional Climate Centers there was little or no temperature change for the U. S. over a period of 100 years. On the other hand the NOAA Raw data showed a small, but definite, increase. The NOAA Adjusted data showed a significant increase.

Finally, an even more crazy aspect: NASA takes the NOAA Adjusted data and alters it even more. The result is a still larger rate of temperature increase for the last 100 years. And it gets wilder still: The British Climategate Guys take the NASA values and change them even more and then use those values, by way of the UN reports, to show how much Global temperatures are changing. Really People, I am not making this up.