

Climate alarmists will be on the retreat

This pdf files contains two consecutive memos from Professor Will Alexander, the distinguished hydrological scientist of Pretoria, South Africa, who, together with colleagues, has produced compelling papers linking climate variations with sunspot activity.

No sooner had he circulated to colleagues his Memo 1208, than within hours came news of the report in *Nature* that some pro-AGW (anthropological global warming) scientists now say that “global warming” will cease from now until 2015.

Hence Will’s follow-up Memo 1308. The two need to be read together and in sequence.

Will’s comments to colleagues:

This climate warming/cooling debate is heating up. For the first time, concerned scientists have a solid basis for countering climate alarmism. From now onwards climate alarmists will be on the retreat.

My apologies for burdening you with two memos in two days. The issue is vitally important for those of us who struggled for years to expose the fallacies of climate alarmism and the damage that it is doing to national economies and poverty alleviation measures.

From the sidelines

Memo 12/08

Crime against humanity

Will Alexander alexwjr@iafrica.com

Friday 2 May 2008

[This memo consists of two interlinked parts that are current and go to the heart of climate alarmism. It is rather long but very important.]

This whole climate change issue is rapidly disintegrating. It is not pleasant to watch as the consequences could be grave. The unjustified switch to biofuels lies at the centre of its collapse. It is also coincident with the looming economic recession. There are other consequences. Food prices are rising. We have just been informed that the prices of petrol, diesel and paraffin are going to rise dramatically next week. The rising costs of food and paraffin will be a severe blow to the poor and disadvantaged communities of Africa who have no access to electricity. This is a global concern. The climate alarmists must now start accepting the blame for a major part of these consequences. The question is whether or not they are prepared to join the rest of us in searching for solutions to these problems. The solutions will require a dedicated multidisciplinary approach. This is something that the alarmists have studiously avoided in the past.

Now there is an even greater danger on the horizon. For the past five years I have repeatedly warned that severe droughts could be expected, starting within a year from now. These warnings fell on deaf ears. As mentioned in my last memo, this matter is now out of my hands. I have retreated to the sidelines.

The urgency of seeking solutions to the looming drought has increased within the last fortnight. The following are some recent quotes from the Internet, which describe the position. They are followed by some supporting information from my files.

"When millions of people are going hungry, it is a crime against humanity that food should be diverted to biofuels." (India's finance minister.)

"The United States and the European Union have taken a criminal path by contributing to an explosive rise in global food prices through using food crops to produce biofuels, the United Nations special rapporteur on the right to food said today."

"The Italian Prime Minister Romano Prodi, said food prices were raising the spectre of famine in some countries. A conflict is emerging between foodstuffs and fuel with disastrous social conflicts and dubious environmental results."

Are we entering a drought cycle?

This is the title of my memorandum addressed to the Director-General of the Department of Water Affairs in January 1983. I was the Manager of Scientific Services in the department at that time. This was the first paragraph of my memorandum.

Any purely random phenomenon such as dice, roulette, or poker, as well as any natural phenomena with a strong random component such as rainfall and river flow, will have a grouping of high and low sequences. This is obvious, and nobody disagrees. The question in the case of rainfall and river flow is whether or not this grouping also contains a cyclical component. If it does contain a cyclical component, and if this component is strong enough, then we should be able to use it for prediction purposes.

I then concluded.

There is no doubt that the rainfall over the past 12 years has followed the general periodic pattern found by Tyson in 1970. The present period of abnormally low runoff is also in agreement with the periodic runoff pattern that I found in the runoff data for the Vaal River prior to 1978, although the onset of the period is earlier than expected.

It was the isolated, above-average runoff events that saved our bacon in the past droughts. If we are indeed entering a dry period, and if we have an uninterrupted succession of five or more years of below average runoff, we could be in for a rough time. In particular, we should be conservative in our assumptions regarding the initial filling of newly constructed dams.

This prophetic advice was followed by a succession of drought years that had very serious consequences for the water resources of this country.

I made this successful prophecy 25 years ago. With this in mind, please read the following extract from an article in the March/April 2008 volume of the Water Wheel. Try to keep a straight face.

Building dams, not a lasting solution-WWF

Nature organisation WWF has commended the Department of Water Affairs and Forestry on its programme to rehabilitate old dams, as opposed to building new ones. "WWF believes that rehabilitating our existing dams will be far more cost-effective and have lower social and ecological consequences" the organisation said in a statement. "However WWF also believes the Minister's reasoning that dams are going to solve the looming water crisis is flawed, and that this thinking is analogous to saying that building batteries will solve the energy crisis we are currently experiencing."

According to Dr Dion Nel, manager of the WWF Sanlam Living Waters Partnership, electrical batteries could help one get through a few hours of a power break of load shedding. However, they add little to solving the problem of demand exceeding supply. He went on to explain that similar to the way batteries merely temporarily store electricity, dams are merely temporary storage facilities. Dams are only as effective as the amount of water flowing into them.

"Dams will help us get through a temporary drought event, but they will not help the increasing long-term water supply to match the growing demand. Ultimately, it all comes down to simply managing the long term supply and demand," said Dr Nel. "We need to invest in the management of our rainfall catchments and freshwater ecosystems, which are the ultimate source of our water supplies. Parallel to this we need to invest in technology and behavioural changes that lead to reducing the demands on our water supplies."

Is South Africa's future in the hands of these goons?

Return to reality

The cyclical nature of climate has long been of concern to those of us involved in water resource development in this country. My co-authors and I dealt with this in some depth in our joint paper *Linkages between solar activity, climate predictability and water resource development* published eleven months ago. You may recall that we found that there was a synchronous relationship between rainfall and river flow, and the acceleration and deceleration of the sun as it follows its trajectory through galactic space. This in turn was synchronous with the double sunspot cycle.

Cyclicity in solar activity has been the subject of many research publications by solar physicists and others in recent years. The problem always was the determination of a causal linkage between this activity and the climatic responses. Some unresolved problems included the causes of the well-known El Niño and La Niña phenomena. More than a decade ago, I studied the periodic behavior of the annual values of the Southern Oscillation Index. I found a very clear break in the mean values that occurred in 1977. The mean values showed a sudden decrease from then onwards. I made enquiries, but was unable to determine the cause of this sudden change.

Two days ago, on 30 April 2008, the daily electronic newsletter CCNet quoted extracts from the recently published news release distributed by scientists at NASA's Jet Propulsion Laboratory. The complete report can be downloaded from the following website.

http://earthobservatory.nasa.gov/Newsroom/NewImages/images.php3?img_id=18012

The Pacific Decadal Oscillation (PDO) phase shifts during the past century were:

In 1905, PDO switched to a warm phase.

In 1946, PDO switched to a cool phase.

In 1977, PDO switched to a warm phase.

I completed writing this memo and decided to wait for this afternoon's issue of CCNet for the latest information on this very important subject that goes to the heart of climate alarmism. Eight of the 15 items in today's CCNet 69/2008 - 2 May 2008, dealt with the onset of global cooling. The one by Dennis Avery published in Canada Free Press of 1 May 2008 is the most instructive. I reproduce it in full below. Note the indirect reference to our work on the double sunspot cycle. At last our work is gaining international recognition.

(3) NEW JASON SATELLITE INDICATES 23-YEAR GLOBAL COOLING

Canada Free Press, 1 May 2008

<http://canadafreepress.com/index.php/article/2871>

By Dennis Avery

Now it's not just the sunspots that predict a 23-year global cooling. The new Jason oceanographic satellite

shows that 2007 was a "cool" La Nina year-but Jason also says something more important is at work: The much larger and more persistent Pacific Decadal Oscillation (PDO) has turned into its cool phase, telling us to expect moderately lower global temperatures until 2030 or so.

For the past century at least, global temperatures have tended to mirror the 20-to 30-year warmings and coolings of the north-central Pacific Ocean. We don't know just why, but the pattern of the last century is clear: the earth warmed from about 1915 to 1940, while the PDO was also warming (1925 to 46). The earth cooled from 1940 to 1975, while the PDO was cooling (1946 to 1977). The strong global warming from 1976 to 1998 was accompanied by a strong and almost-constant warming of the north-central Pacific. Ancient tree rings in Baja California and Mexico show there have been 11 such PDO shifts since 1650, averaging 23 years in length.

Researchers discovered the PDO only recently - in 1996 - while searching for the reason salmon numbers had declined sharply in the Columbia River after 1977. The salmon catch record for the past 100 years gave the answer-shifting Pacific Ocean currents. The PDO favors the salmon from the Columbia for about 25 years at a time, and then the salmon from the Gulf of Alaska, but the two fisheries never thrive at the same time. Something in the PDO favors the early development of the salmon smolts from one region or the other. Other fish, such as halibut, sardines, and anchovies follow similar shifts in line with the PDO.

The PDO seems to be driven by the huge Aleutian Low in the Arctic - but we don't know what controls the Aleutian Low. Nonetheless, 22.5-year "double sunspot cycles" have been identified in South African rainfall, Indian monsoons, Australian droughts, and rains in the United States' far southwest as well. These cycles argue that the sun, not CO2, controls the earth's temperatures. **[PLEASE NOTE!]**

Dr. Henrik Svensmark's recent experiments at the Danish Space Research Institute seem to show that the earth's temperatures are importantly affected by the low, wet clouds that deflect more or less solar heat back into space. The number of such clouds is affected, in turn, by more or fewer cosmic rays hitting the earth. The number of earthbound cosmic rays depends on the extent of the giant magnetic wind thrown out by the sun.

All of this defies the "consensus" that human-emitted carbon dioxide has been responsible for our global warming. But the evidence for man-made warming has never been as strong as its Green advocates maintained. The earth's warming from 1915 to 1940 was just about as strong as the "scary" 1975 to 1998 warming in both scope and duration-and occurred too early to be blamed on human-emitted CO2. The cooling from 1940 to 1975 defied the Greenhouse Theory, occurring during the first big surge of man-made greenhouse emissions. Most recently, the climate has stubbornly refused to warm since 1998, even though human CO2 emissions have continued to rise strongly.

The Jason satellite is an updated and more-accurate version of the Poseidon satellite that has been monitoring the oceans since 1992, picking up ocean wind speeds, wave heights, and sea level changes. Jason is run by NASA's Jet Propulsion Laboratory and a French team.

How many years of declining world temperature would it take now – in the wake of the ten-year non-warming since 1998 - to break up Al Gore's "climate change consensus"?

DENNIS T. AVERY is a senior fellow for the Hudson Institute in Washington, DC and is the Director for the Center for Global Food Issues. (<http://www.cgfi.org>) He was formerly a senior analyst for the Department of State. He is co-author, with S. Fred Singer, of Unstoppable Global Warming Every 1500 Hundred Years, Readers may write him at PO Box 202, Churchville, VA 2442 or email to cgfi@hughes.net

Conclusion

This is enough reading matter for the time being. It reinforces my warning that the world could be heading towards a disastrous global drought with all its humanitarian consequences. It also demonstrates once again the huge and probably unbridgeable gap between the climate alarmists and those of us who have to struggle with very serious real-world problems.

Despite the wealth of evidence to the contrary, climate alarmists steadfastly maintain that there is no predictable periodicity in rainfall and river flow. The IPCC reports do not even mention this fundamentally important climatic property that was known and documented by the ancient Egyptians and was the basis for Joseph's biblical prophecy.

The climate alarmists obviously do not have even the most elementary knowledge of the properties of rainfall and river flow required for planning, designing and operating water supply systems. They then go further and maintain that we can improve river flow by protecting our catchments. Do they not know that planting trees reduces river flow? Do they not know that it is impossible to provide a constant supply from variable river flow without building dams? Why did the Water Research Commission publish this nonsense in its magazine Water Wheel?

To summarise

These two important aspects – the consequences of biofuels production and confirmation of the basis for our drought prediction model, completely undermine the foundations of current climate change science. These are the assumptions that undesirable greenhouse gas emissions and not solar activity are the dominant cause of climate change, and that biofuels provide the solution to the reduction of these emissions on a global scale. Both these assumptions are demonstrably false.

Furthermore:

We have developed a multi-year, hydro-meteorological prediction model that probably has global applications. This is well beyond the capability of current global climate prediction models.

Memo 13/08

Unexpected confirmation

Will Alexander alexwjr@iafrica.com

Saturday 3 May 2008

[Please read yesterday's memo 12/08 before this one.]

I received Marc Morano's circular after sending off my memo 12/08 yesterday. I am one of the 400 concerned scientists on the US Senate's list. I have appended material from his circular. This is what happens when unscientific tactics are used to suppress the truth. Now the concerned scientists and the informed press are baying for blood.

You may be interested in comparing the responses during the past week with the material in my course notes that I distributed three months ago. The following extract from the course notes illustrates the linkage between solar activity and global temperatures.

As will be shown, the peer-reviewed paper in *Nature* unexpectedly confirms the global applications of our recent studies, beginning with this linkage.

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It is common practice in preliminary time series analyses to split the record into two parts and examine them separately. The year 1913 is the beginning of the first sunspot cycle during the past century and a convenient point to split the data.

Fig. 4 shows the two data sets for the period 1913 to 2006 and the corresponding trend lines. This reinforces the conclusion that both the temperature and sunspot numbers increased during this period.

Fig. 5 for the period 1850 to 1912 is the most informative graph of the series. It shows that both the global temperatures and sunspot numbers **decreased** during this 62-year period.

The IPCC scientists were negligent, bordering on irresponsible, not to carry out these simple analyses that go to the very core of climate change science, and need only a few hours of effort using readily available computer software.

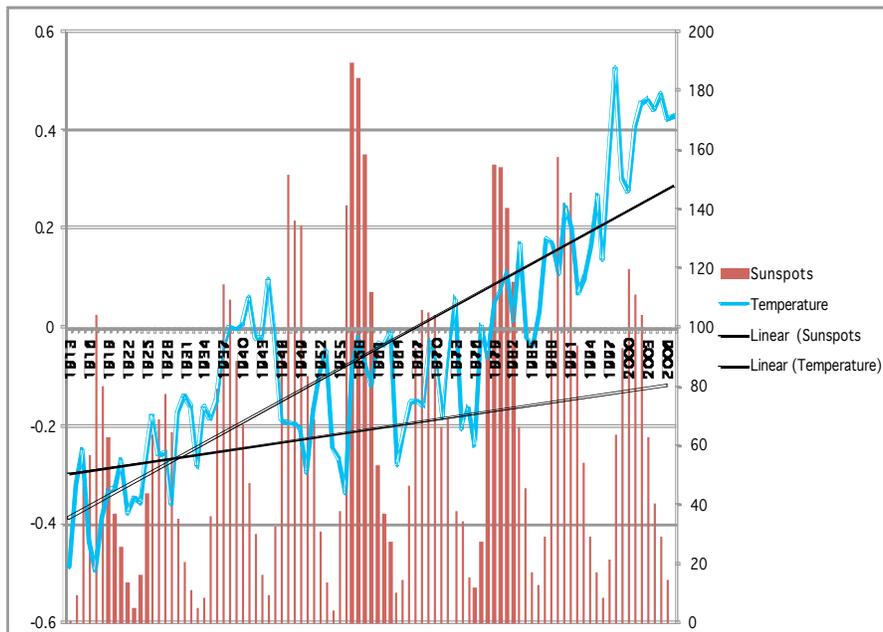


Figure 4. Surface temperature and sunspot data 1913-2006

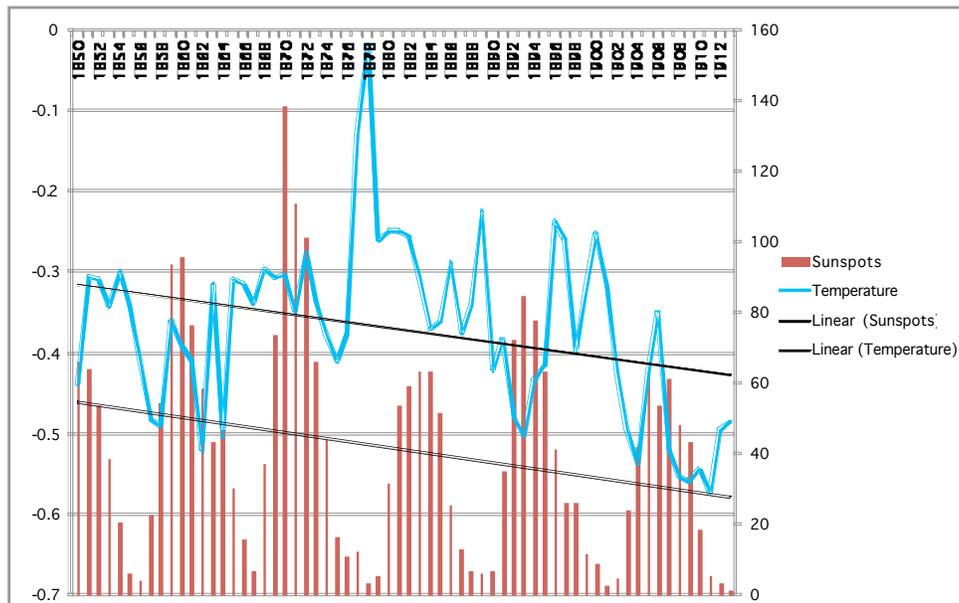


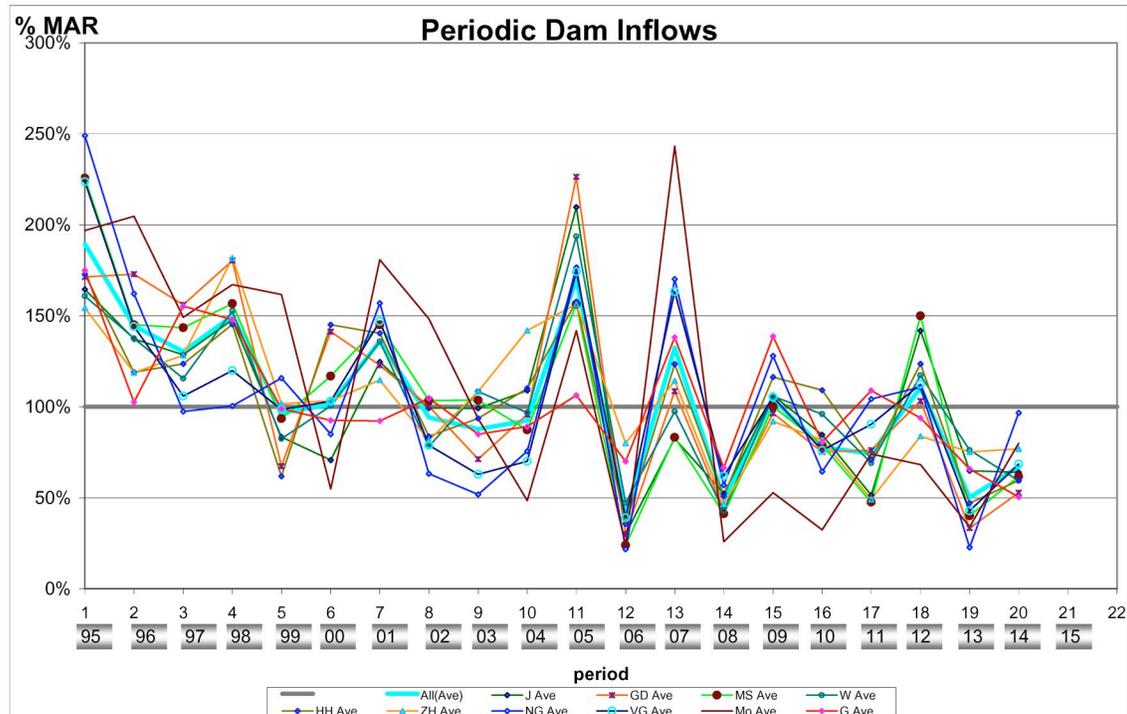
Figure 5. Temperature and sunspot data 1850-1913

Given the above information, it would be a very brave scientist who continues to claim that there is NO linkage between variations in global temperatures and corresponding variations in sunspot activity.

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Confirmation

Please appreciate the gravity of the following material. If the global climate has ceased warming, this completely undermines the whole climate change issue and confirms our studies. Compare the prediction in *Nature* that warming will cease from now until 2015 with our prediction model below from my general interest article in press. Note the projected inflows for the period 2008 to 2014. (Model years 14 to 20.)



All indications are that we are now on the threshold of global cooling associated with the second and less active solar cycle. Severe drought sequences will almost certainly be one of the consequences. The paper in *Nature* confirms the global applicability of our studies. More work will have to be done on an examination of concurrent historical global droughts. Suggestions would be welcome.

It will be very interesting to see the international responses to the latest developments at the next UNFCCC meeting in Bonn, and the G8 meeting in Japan next month, now that it has become obvious that there is no linkage between the discharge of these gases into the atmosphere and global warming with all its postulated consequences. South Africa will have representatives at both events.

http://epw.senate.gov/public/index.cfm?FuseAction=Minority.Blogs&ContentRecord_id=a17defa8-802a-23ad-4912-8ab7138a7c3f&Issue_id=#update

Posted By Marc Morano - 1: 58 PM ET - Marc.Morano@EPW.Senate.Gov

'Global Warming Will Stop,' New Peer-Reviewed Study Says

Global Warming Takes a Break for Nearly 20 Years?

Update: May 2, 2008:

Scientists React

Sampling of Scientists Commenting on 'global warming will stop until at least 2015 because of natural variations in the climate' study published in the peer-reviewed journal *Nature* on May 1:

1) Dr. Roger A. Pielke, Jr. Professor in the Environmental Studies Program at the University of Colorado reacted to this study in the journal *Nature* by declaring: “Climate models are of no practical use.” Pielke, who is not a climate skeptic, said on April 30, “There is in fact nothing that can be observed in the climate system that would be inconsistent with climate model predictions. If global cooling over the next few decades is consistent with model predictions, then so too is pretty much anything and everything under the sun. This means that from a practical standpoint climate models are of no practical use beyond providing some intellectual authority in the promotional battle over global climate policy.”

2) Former Harvard University Physicist Dr. Lubos Motl, a string theorist who is currently a professor at Charles University in the Czech Republic said on May 1: “Wow. So the refutation of a prediction of a dangerous warming by the world's top 2,500 scientists ;-)" does not come as a surprise". Note that with no global warming since 1998, the paper predicts 20 years of no warming. Recall that Al Gore has predicted global destruction in less than 8 years from now. [...] The whole validation of all existing climate models is (or should be) mostly based on the data from the previous decades or centuries. If an effect that is argued to be as strong as the greenhouse effect has been neglected while it has the power to change 60-70 years of the temperature dynamics, it implies the existence of a critical flaw in the whole picture.”

3) UK Astronomer Dr. David Whitehouse, who authored the 2004 book *The Sun: A Biography*, said on May 1, 2008: “Isn't it curious that over the next decade man-made global warming will be cancelled out by natural cycles. It's nice that Mother Nature (not the journal) is helping us this way but it does beg the question as to whether the man-made effect was all that significant if it can be nullified this way.”

4) Astrophysicist Piers Corbyn, founder of the UK based long-term solar forecast group *Weather Action*, said on April 30: “It is noteworthy that this 'prediction' in the journal *Nature* coincides pretty well with various solar-based predictions including the solar-magnetic based prediction we issued from WeatherAction in Jan this year - i.e. cooling till 2013 at least. It seems like the 'Anything But the Sun' faction of UN IPCC works by copying what has already been predicted by a number of solar-

based forecasting techniques and then attributing the cause to something earth-based. That way they hope to save the lie that man's irrelevant earth-based efforts could cause climate change. Of course the long term cooling change expected in sea temperatures referred to in this paper in Nature as 'cause' is nothing of the sort it is a consequence of the changes in sun-earth magnetic and particle links. The Nature article is in effect saying that 'Climate Change causes climate change'. Give us a break! Why is there a 22 year cycle in the solar magnetic links and also the same cycle in world temperatures? The reason is that the earth-sun magnetic links drive world temperatures (and this understanding enables successful long-range weather forecasts to be made). The pillars of pseudo-science writing in nature believe their 'sea cycle' is the driver of what happens so they will have to tell us that that the sun's magnetic field is driven by the Earth's oceans. Does anyone buy this? Application of the scientific method to science would be a good idea!"

5) Dr. John Brignell, a UK Emeritus Engineering Professor at the University of Southampton wrote on his Numbers Watch website on May 1: "As we were saying only last month, the motto du jour is get your rationalization in first. The latest wheeze among the doomsayers is that hell fire is being postponed. Of course, it would have been more impressive if it had been published before the recent decade of measurements showing no warming at all. As it stands, it is nothing more than a testament to the infinite tunability of computer models. The warmers are getting more and more like those traditional predictors of the end of the world who, when the event fails to happen on the due date, announce an error in their calculations and a new date."

6) Environmental Economist and global warming co-author Dennis Avery's 2006 book, Unstoppable Global Warming: Every 1500 Years, wrote on May 1: "How many years of declining world temperature would it take now-in the wake of the ten-year non-warming since 1998-to break up Al Gore's "climate change consensus"? [...] All of this defies the "consensus" that human-emitted carbon dioxide has been responsible for our global warming. But the evidence for man-made warming has never been as strong as its Green advocates maintained. The earth's warming from 1915 to 1940 was just about as strong as the "scary" 1975 to 1998 warming in both scope and duration-and occurred too early to be blamed on human-emitted CO2. The cooling from 1940 to 1975 defied the Greenhouse Theory, occurring during the first big surge of man-made greenhouse emissions. Most recently, the climate has stubbornly refused to warm since 1998, even though human CO2 emissions have continued to rise strongly."

7) Dr. Richard Courtney, a UN IPCC expert reviewer and a UK-based climate and atmospheric science consultant, wrote on May 2: "Several teams made climate models and all those models predicted global warming with increased atmospheric carbon dioxide concentration. None - not one - of those models predicted that global warming would peak in 1998 then stop for the following decade despite atmospheric carbon dioxide concentration increasing by ~5%. But that is what has happened. Now, one team has amended their model so it shows the cessation of global warming in 1998. Their amended model predicts that global warming will re-start in 2015. Does anybody other than a fool believe them?"

Media Reaction:

Scripps News: Globe may be cooling on Global Warming - May 1, 2008 - By Deroy Murdock

Excerpt: In a December 2007 Senate Environment and Public Works Committee minority-staff report, some 400 scientists -- from such respected institutions as Princeton, the National Academy of Sciences, the University of London, and Paris' Pasteur Institute -- declared their independence from the pro-warming "conventional wisdom." "Not CO2, but water vapor is the most important greenhouse gas," asserted climatologist Luc Debontridder of Belgium's Royal Meteorological Institute. "It is responsible for at least 75 percent of the greenhouse effect. This is a simple scientific fact, but Al Gore's movie has hyped CO2 so much that nobody seems to take note of it." AccuWeather's Expert Senior Forecaster Joe Bastardi has stated: "People are concerned that 50 years from now, it will be warm beyond a point of no return. My concern is almost opposite, that it's cold and getting colder." And on Wednesday, the respected journal, Nature, indicated that Earth's climactic cycles have stopped global warming through 2015. If nothing else, all this obliterates the rampant lie that "the scientific debate on global warming is over."

Junk Science: The Great Global Warming Race - May 1, 2008 - By Steven Milloy

Excerpt: A new study indicates alarmist concern and a need to explain away the lack of actual global warming. Researchers belonging to the U.N. Intergovernmental Panel on Climate Change, or IPCC, reported in Nature (May 1) that after adjusting their climate model to reflect actual sea surface temperatures of the last 50 years, "global surface temperature may not increase over the next decade, as natural climate variations ... temporarily offset the projected anthropogenic warming." You got that? IPCC researchers project no global warming over the next decade because of Mother Nature. Although the result seems stunning in that it came from IPCC scientists who have always been in the tank for manmade global warming, it's not really surprising since the notion of manmade climate change has never lived up to its billing. [...] Just this week, Al Gore drummed up \$683 million for an investment fund that aims to profit from government-subsidized global warming-related technologies. A few weeks ago, Gore launched a \$300 million global warming ad campaign. Do you think he's at all interested in returning that money to investors and contributors? Or that he and the IPCC are interested in returning their Nobel Peace Prizes?

Australian John Ray, Ph.D., who publishes the website Greenie Watch said on May 2: "Their entire global warming scare was based on around two decades of warming in the late 20th century so if that is followed by 20 years of stasis and cooling, which one of those two episodes represents the trend? How can we be sure that there is ANY trend? If natural fluctuations can cause an episode of cooling, how can we know that natural fluctuations did not cause the episode of warming? We cannot know that. The prophecies of doom are just irresponsible and very damaging speculation."

Melanie Phillips writes in the UK Spectator in an article titled "Can someone pause Al Gore for the next decade?" on May 1: "With a precision of prediction which would have caused medieval sorcerers to strike crystal balls off their wedding present lists, these scientists can foretell precisely when these 'natural climate variations' will subside - even though at the very same time Richard Wood of the Hadley Centre confides: '...climate predictions for a decade ahead would always be to some extent uncertain...' Always uncertain, eh? But isn't the prediction that the planet is about to fry so certain that, as the Royal Society so memorably told us, the argument is over? Truly, a most flexible theory indeed."

Reporter Charles Clover of the UK Daily Telegraph wrote on May 1: "The political task of negotiating a meaningful new climate treaty in Copenhagen next year now looks more difficult because

it will not take place against a backdrop of droughts and soaring temperatures of the kind that got climate concern under way in 1988.”

Steven Goddard wrote in the UK Register on May 2: “How can scientists who report measurements of the earth's temperature within one one-hundredth of a degree be unable to concur if the temperature is going up or down over a ten year period? Something appears to be inconsistent with the NASA data - but what is it? [...] Both of the satellite data sources, as well as Had-Crut, show worldwide temperatures falling below the IPCC estimates. Satellite data shows temperatures near or below the 30 year average - but NASA data has somehow managed to stay on track towards climate Armageddon. You can draw your own conclusions, but I see a pattern that is troublesome. In science, as with any other endeavor, it is always a good idea to have some separation between the people generating the data and the people interpreting it.”

Geoffrey Styles wrote in Energy Outlook on May 1: “Those who approach climate change with a quasi-religious fervor are likely to become apoplectic at any suggestion that a few cooler months or years might derail the growing policy momentum to institute the means of dramatically reducing emissions.

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Full Text of today's UK Telegraph Article Below:

<http://www.telegraph.co.uk/earth/main.jhtml?xml=/earth/2008/04/30/eaclimate130.xml>