

Solar Cycles & Climate Change

Solar Cycles Cause Global Climate Change, not Humans

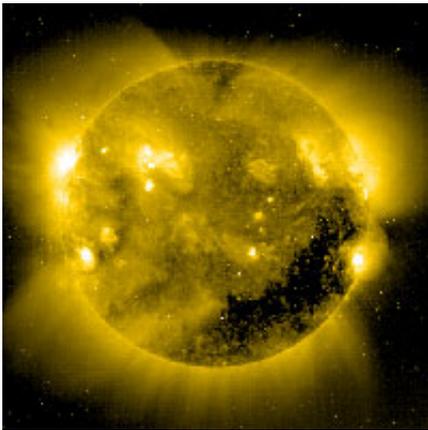
Latest Update: February 22, 2019

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[Solar Cycles](#)

Global Climate

**Get the Solar Facts before getting on the
"Humans Cause Global Warming" (AGW) band wagon.**



The Solar Grand Maximum is finished, we are now moving into a Solar Grand Minimum. The Earth heats up after a Solar Grand Maximum, lagging a bit after the peak. With a Solar Grand Minimum now on its way, a "global cooling" is on the horizon—a natural oscillation occurring in much longer solar cycles. See ["Solar Cycle #25 predictions" and the coming Mini Ice Age](#) on the main Solar Cycles page.

Latest science reveals that sharp increases in global warming "precede" sharp increases in CO₂—not the other way around. Global warming causes more CO₂ to be released from the oceans. Current research also shows that Earth's oceans are now beginning to cool. It is also now clear that temperatures over the last century correlate far better with cycles in oceans than they do with carbon dioxide; and, the temperature cycles in oceans are caused by Solar and Lunar cycles. Beyond that, planetary cycles drive solar cycles, particularly the cycles of Jupiter and Saturn. Yet the AGW (Anthropogenic Global Warming) advocates, as well as governments and the media, continue to ignore all of this, perpetuating fear and advocating spending billions of dollars on non-solutions for global warming, something that is not even occurring, not to mention using global warming to justify geoengineering using [stratospheric aerosol spraying](#). Although humans contribute to greenhouse gases, the overall effect is a tiny fraction compared to natural causes. To say humans are the cause of global warming; and to also make predictions that global warming is occurring and will continue to increase is simply inaccurate. This is not to ignore the silver lining of the global warming scare, as humanity must certainly learn to respectfully participate in harmony with nature, with the breath of the Earth, with her land and oceans; and with the cycles of the Sun, Moon, planets, and stars. So let us act and change from knowledge about what is really going on rather than from misinformation fueled by politicians and big-business driving the media and contributing to mass-hysteria.

The "Solar Grand Maximum" has ended—a fact of science most often not considered by the advocates who profess that Global Warming is caused by man-made CO2.

2019 Updates

January 31, 2019. Minus-56 degrees and more: Brutal cold-air outbreak is smashing records in the Midwest



Ice covers the Lake Michigan shoreline on Wednesday in Chicago. (Scott Olson/Getty Images, Jan. 2019)

[Washington Post: Minus-56 degrees and more](#) by Angela Fritz

"Temperatures dove more than 30 degrees below zero Thursday morning in the Midwest in this polar vortex outbreak's last gasp, driving wind chills to dangerous levels and clobbering long-standing records. More than 680 temperature records were broken or tied this week, according to the Midwest Regional Climate Center."

January 29, 2019. Record Cold Forces Rethink on Global Warming by Tom Harris and Dr. Tim Ball.

"Governments turned a false problem into a much bigger problem."

"...the media -- directly, indirectly, or by inference -- often attribute the current weather to global warming. Yes, they now call it climate change. But that is because activists realized, around 2004, that the warming predicted by the computer models on which the scare is based was not actually happening. Carbon dioxide (CO2) levels continued to increase, but the temperature stopped increasing. So, the evidence no longer fit the theory."

[Record Cold Forces Rethink on Global Warming](#)

2018 Updates

October 31, 2018. NSIDC: Cold Climate Change: The Big Chill – Early Winter Onslaught

The National Snow and Ice Data Center (NSIDC) is part of the Cooperative Institute for Research in Environmental Sciences at the University of Colorado Boulder.

"Global warming pundits know that they can consistently get away with saying anything they want with total impunity and they do. In fact, they have created a split in science. As we shall see in this essay the US's leading scientific body has bought hook, line and sinker the global warming con even as NASA, scientists, climatologists and weathermen are exclaiming we are racing towards a Space Age record for cold."

"What do the Real Scientist Say: We have heard a hundred times how 97 percent of scientists believe in manmade global warming, but physicists know "Votes don't count in science. There is no "extensive evidence" except repetition of invalid claims," says Dr. Edwin Berry, who happens to have a Ph.D. in Physics. He, like other scientists, look down their noses at the insistence that global warming is caused by CO2 emissions, which it is not and that is made especially evident because it is cooling not warming

despite the increased parts per million of CO2 in the atmosphere."

"Dr. Tony Phillips explains scientifically why we are facing global cooling instead of global warming: "The sun is entering one of the deepest Solar Minima of the Space Age. Sunspots have been absent for most of 2018, and the sun's ultraviolet output has sharply dropped. New research shows that Earth's upper atmosphere is responding." "We see a cooling trend," says Martin Mlyneczek of NASA's Langley Research Center. "High above Earth's surface, near the edge of space, our atmosphere is losing heat energy. If current trends continue, it could soon set a Space Age record for cold.""

<https://coldclimatechange.com/the-big-chill-early-winter-onslaught/>

2017 Updates

On the Validity of NOAA, NASA and Hadley CRU Global Average Surface Temperature Data & The Validity of EPA's CO2 Endangerment Finding.

Published June 2017: Dr. James P. Wallace III, Dr. Joseph S. D'Aleo, and Dr. Craig D. Idso

The study found adjustments made to global surface temperature readings by scientists in recent years, which account for "Nearly All Of The Warming" In Climate Data, "are totally inconsistent with published and credible U.S. and other temperature data. Thus, it is impossible to conclude from the three published [global average surface temperature (GAST)] data sets that recent years have been the warmest ever—despite current claims of record setting warming."

[Tropical Hot Spot Research article \(PDF\)](#)

[Tropical Hot Spot Research website](#)

Top NASA Climate "Data Fraudster" Named & Shamed

Published on January 7, 2017 (Principia Scientific International)

"NASA's top climate scientist singled out as architect of the biggest data fraud of all time. Alleged anti-science con artist Gavin Schmidt is named and shamed for deliberately falsifying global temperatures since 2000 and DOUBLING the actual level of warming to fit a political agenda...."

[Principia Scientific International: Top NASA Climate "Data Fraudster" Named & Shamed](#)

Brainwashing the Young: Climate Alarmist Lies Exposed

Published on January 8, 2017

"Yet another otherwise honorable cause turns itself into a vehicle for global warming propaganda to exploit the unwary. "Young People's Trust for the Environment" (YPTE) is a registered UK charity that has swallowed wholesale junk climate science to become "useful idiots" doing the work of corrupt Big Green concerns. The fake science YPTE promotes is carefully dissected and publicly exposed...."

[Principia Scientific International: Brainwashing the Young: Climate Alarmist Lies Exposed](#)

Reference Material on the Solar Related Global Warming / Cooling Cycle

Some of the basic abbreviations used in some of these articles:

The Pacific and Atlantic undergo multidecadal cycles in the order of several decades. These are the Pacific Decadal Oscillation (PDO) and the Atlantic Multidecadal Oscillation (AMO).

Total Solar Irradiance (TSI).

Global Mean Surface Temperature (GMST)

Anthropogenic Global Warming (i.e. caused by humans) (AGW)

Carbon dioxide (CO₂)

A New Theory of Climate Change by Larry Vardiman, Ph.D.

Introduction

"Man-made carbon dioxide is generally thought to produce global warming. However, in a recent article entitled "Does Carbon Dioxide Drive Global Warming?" I presented several major reasons why carbon dioxide is probably not the primary cause. But if carbon dioxide is not the cause, then what is? Evidence is accumulating that cosmic rays associated with fluctuations in the sun's electromagnetic field may be what drives global warming. A new theory called cosmoclimatology that proposes a natural mechanism for climate fluctuations has been developed by Henrik Svensmark, Head of the Center for Sun-Climate Research at the Danish National Space Center."

Full Article: <http://www.icr.org/article/new-theory-climate-change/>

Space and Science Research Corporation

The Space and Science Research Corporation, (SSRC) is an independent scientific research organization in Orlando, Florida, USA. It has become the leading research organization in the United States on the subject of the science and planning for the next climate change to a long lasting cold era especially with regard to alerting the government, the media, and the peoples' need to prepare for this new climate era.

July 14, 2011 - Looking Ahead to Local Climate Models

Climate Dynamics by Jim Kinter: Article and Video

Jim Kinter, Director of the Center for Ocean-Land-Atmosphere Studies (COLA), and a professor of Climate Dynamics at George Mason University discusses climate variability and change.

When research scientist Jim Kinter describes the interactions between the Earth's ocean, land and atmosphere, he talks of dancing. "The atmosphere and the ocean, and the atmosphere and the land surface have to go together," he says. "It's as if they were dancing, and that dance turns out to influence climate."

With support from the National Science Foundation (NSF), NOAA and NASA, scientists at COLA are working to provide the world with more accurate climate predictions—with longer leads—of where climate changes will occur and what the impacts will be on human societies and ecosystems....

http://www.nsf.gov/discoveries/disc_summ.jsp?cntn_id=121022&org=GEO

June 2011 - Earth may be headed into a mini Ice Age within a Decade

Physicists say sunspot cycle is 'going into hibernation.'

What may be the science story of the century is breaking this evening, as heavyweight US solar physicists announce that the Sun appears to be headed into a lengthy spell of low activity, which could mean that the Earth—far from facing a global warming problem—is actually headed into a mini Ice Age.

http://www.theregister.co.uk/2011/06/14/ice_age/

Jan 2011 - Researchers (in the disciplines of geology, ecology, meteorology, astrophysics, and heliology) who have predicted a long term solar minimum or 'solar hibernation' and/or a new climate change to a period of long lasting cold weather based upon solar activity.

Space and Science Research Center: <http://spaceandscience.net>

May 17 2010 - Russian Climate Scientist Predicts New Ice Age

A new "Little Ice Age" could begin in just four years, predicted Habibullo Abdussamatov, the head of space research at St. Petersburg's Pulkovo Astronomical Observatory in Russia. The Little Ice Age, which occurred after an era known in scientific circles as the Medieval Warm Period, is typically defined as a period of about 200 years, beginning around 1650 and extending through 1850.

This is a two part video of Abdussamatov speaking at the Heartland Institute's Fourth International Conference on Climate Change in Chicago.

http://www.bibliotecapleyades.net/ciencia/ciencia_globalwarmingpseudo87.htm

November 29 2010 - NEW Sun-Climate Research Center (SCRC)

"The University of Colorado Laboratory for Atmospheric and Space Physics (LASP) and NASA's Goddard Space Flight Center announced the formation of a new collaborative research center dedicated to the study of the Sun's effect on Earth's climate. The center, called the Sun-Climate Research Center (SCRC), will be directed by Peter Pilewski, a LASP research scientist and CU professor, Robert Cahalan, Head of Goddard's Climate and Radiation Branch, and Douglas Rabin, Head of Goddard's Solar Physics Laboratory....."

<http://lasp.colorado.edu/home/2010/11/29/collaborative-lasp-goddard-sun-climate-research-center-announced/>

**October 2010 - New findings could sway thought on climate change
Global warming precedes the release of light carbon**

(PhysOrg.com) — A newly published paper written by a University of Nebraska-Lincoln researcher Ross Secord and his team could influence the way scientists think about global warming and its effects.

"Researchers found that a major pulse of ancient global warming may have been more complex than scientists previously believed. This pulse of warming may have been preceded or even caused by an earlier pulse of warming, said Ross Secord, assistant professor of Earth and atmospheric sciences and curator of vertebrate paleontology at the University of Nebraska State Museum."

"Many scientists have thought that warming was the direct result of the release of this light carbon, but we found evidence from stable isotopes that warming actually preceded the release of this light carbon," Secord said.

<http://www.physorg.com/news/2010-10-sway-thought-climate.html>

Feb 2010 - THE GREAT CLIMATE CHANGE RETREAT (UK News)

Professor Phil Jones, the former director of the Climate Research Unit (CRU) at Britain's University of East Anglia, and who is at the centre of the "Climategate" affair, conceded to the BBC that there has been no "statistically significant" rise in temperatures since 1995. He also stated that from January 2002 to the present, the earth has been cooling. Jones admissions represent a major U-turn being called the "Great Climate Change Retreat."

<http://www.express.co.uk/posts/view/158214/The-great-climate-change-retreat>

Mar 4, 2009 - Falsification Of The Atmospheric CO2 Greenhouse Effects Within The Frame Of Physics by Gerhard Gerlich, Ralf D. Tscheuschner

Abstract: The atmospheric greenhouse effect, an idea that many authors trace back to the traditional works of Fourier (1824), Tyndall (1861), and Arrhenius (1896), and which is still supported in global climatology, essentially describes a fictitious mechanism, in which a planetary atmosphere acts as a heat pump driven by an environment that is radiatively interacting with but radiatively equilibrated to the atmospheric system. According to the second law of thermodynamics such a planetary machine can never exist. Nevertheless, in almost all texts of global climatology and in a widespread secondary literature it is taken for granted that such mechanism is real and stands on a firm scientific foundation. In this paper the popular conjecture is analyzed and the underlying physical principles are clarified. By showing that (a) there are no common physical laws between the warming phenomenon in glass houses and the fictitious atmospheric greenhouse effects, (b) there are no calculations to determine an average surface temperature of a planet, (c) the frequently mentioned difference of 33 degrees Celsius is a meaningless number calculated wrongly, (d) the formulas of cavity radiation are used inappropriately, (e) the assumption of a radiative balance is unphysical, (f) thermal conductivity and friction must not be set to zero, the atmospheric greenhouse conjecture is falsified.

International Journal of Modern Physics B23:275-364,2009. [arXiv:0707.1161v4](https://arxiv.org/abs/0707.1161v4) [physics.ao-ph] DOI: [10.1142/S021797920904984X](https://doi.org/10.1142/S021797920904984X)

Dec 2009 - Hurricane Expert Dr. Bill Gray Rips Climate Fears

The following commentary is by Atmospheric Scientist and Hurricane forecasting specialist Dr. William Gray. Gray is the renowned hurricane forecaster and Emeritus Professor of Atmospheric Science at Colorado State University (CSU).

"Puncturing the Climate Balloon" by Dr. Bill Gray (Dec 8, 2009)

"Had I not devoted my entire career of over half-a-century to the study and forecasting of meteorological and climate events I would have likely been concerned over the possibility of humans causing serious global climate degradation.

There has been an unrelenting quarter century of one-sided indoctrination of the western world by the media and by various scientists and governments concerning a coming carbon dioxide (CO₂) induced global warming disaster. These warming scenarios have been orchestrated by a combination of environmentalists, vested interest scientists wanting larger federal grants and publicity, the media which profits from doomsday scenario reporting, governmental bureaucrats who want more power over our lives, and socialists who want to level-out global living standards. These many alarmist groups appear to have little concern over whether their global warming prognostications are accurate, however. And they most certainly are not. The alarmists believe they will be able to scare enough of our citizens into believing their propaganda that the public will be willing to follow their advice on future energy usage and agree to a lowering of their standard of living in the name of climate salvation...."

Article continued here:

[Puncturing the Climate Balloon by Dr. Bill Gray \(Dec 8, 2009\)](#)

Related Article:

Dr. William Gray and The UN IPCC's Dr. Kevin Trenberth Debate Global Warming. [Part 1](#) | [Part 2](#)

Heaven and Earth: Global Warming, the Missing Science by Ian Plimer

Quote from Amazon: "Climate, sea level, and ice sheets have always changed, and the changes observed today are less than those of the past. Climate changes are cyclical and are driven by the Earth's position in the galaxy, the sun, wobbles in the Earth's orbit, ocean currents, and plate tectonics. In previous times, atmospheric carbon dioxide was far higher than at present but did not drive climate change. No runaway greenhouse effect or acid oceans occurred during times of excessively high carbon dioxide. During past glaciations, carbon dioxide was higher than it is today. The non-scientific popular political view is that humans change climate. Do we have reason for concern about possible human-induced climate change? This book's 504 pages and over 2,300 references to peer-reviewed scientific literature and other authoritative sources engagingly synthesize what we know about the sun, earth, ice, water, and air. Importantly, in a parallel to his 1994 book challenging "creation science," Telling Lies for God, Ian Plimer describes Al Gore's book and movie An Inconvenient Truth as long on scientific "misrepresentations." "Trying to deal with these misrepresentations is somewhat like trying to argue with creationists," he writes, "who misquote, concoct evidence, quote out of context, ignore contrary evidence, and create evidence ex nihilo." Ian Rutherford Plimer is an Australian geologist and professor emeritus of earth sciences at the University of Melbourne.

Ian Plimer, Heaven and Earth: Global Warming, the Missing Science, Taylor Trade Publishing; Paperback Edition edition (July 16, 2009)

"Warming Trend: PDO and Solar Correlate Better Than CO2" by Joe D'Aleo (2008)

(PDF) http://icecap.us/images/uploads/US_Temperatures_and_Climate_Factors_since_1895.pdf

Lay Summary: <http://wattsupwiththat.com/2008/01/25/warming-trend-pdo-and-solar-correlate-better-than-co2/>

Paper Conclusions: "Clearly the US annual temperatures over the last century have correlated far better with cycles in the sun and oceans than carbon dioxide. The correlation with carbon dioxide seems to have vanished or even reversed in the last decade. Given the recent cooling of the Pacific and Atlantic and rapid decline in solar activity, we might anticipate given these correlations, temperatures to accelerate downwards shortly."

Global Cooling is Here: Evidence for Predicting Global Cooling for the Next Three Decades

by Prof. Don J. Easterbrook Global Research, November 2, 2008
Department of Geology, Western Washington University

<http://www.globalresearch.ca/index.php?context=va&aid=10783>

Paper Conclusions:

"Global warming (i.e, the warming since 1977) is over. The minute increase of anthropogenic CO2 in the atmosphere (0.008%) was not the cause of the warming—it was a continuation of natural cycles that occurred over the past 500 years.... The PDO cool mode has replaced the warm mode in the Pacific

Ocean, virtually assuring us of about 30 years of global cooling, perhaps much deeper than the global cooling from about 1945 to 1977."

NASA Says PDO Switched to Cold Phase (April, 2008)

NASA's Earth Observatory

<http://rankexploits.com/musings/2008/nasa-says-pdo-switched-to-cold-phase/>

Several papers by Dr. Willie Soon- physicist at the Solar and Stellar Physics Division of the Harvard-Smithsonian Center for Astrophysics and an astronomer at the Mount Wilson Observatory. (Co-author of the book "The Maunder Minimum and the Variable Sun-Earth Connection)

<http://www.marshall.org/experts.php?id=44>

"People aren't to blame for climate change" Professor Ian Plimer (April 22, 2009)

Professor of mining geology at Adelaide University

Author of "Global Warming the Missing Science"

From "The Australian"

<http://www.theaustralian.news.com.au/story/0,25197,25369920-11949,00.html>

"OUTSPOKEN academic geologist Ian Plimer says people are embracing his latest book on the science behind climate change because they are "disenfranchised" and increasingly frustrated with the "selective evidence" being presented about global warming."

***** See Warren Meyer's videos (Recommended)**

<http://www.climate-skeptic.com/climate-videos.html>

Global Warming - Gore testifies on Hill while expert Lord Monckton is silenced & forced to sit on the sidelines.

<http://patriotsforamerica.ning.com/group/patriotsforamericaflorida/forum/topics/global-warming-gore-testifies>

Mr. Gore: Apology Accepted

http://www.huffingtonpost.com/harold-ambler/mr-gore-apology-accepted_b_154982.html

And guess who will pay for the perpetuation of the AGW Scare

From The Washington Post (May 7, 2009)

"Climate plans could cost families \$1,600"

<http://washingtontimes.com/news/2009/may/07/climate-proposals-would-cost-families-1600/>

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