

# Reality and the Science of Climate

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The looming disaster civilization faces is not “climate change”: The world economy is collapsing, food shortages loom, U.S. citizens are losing their homes in record numbers, political hot spots around the globe are being heated up, and a new Dark Age is an increasingly near possibility. In contrast to this economic and political reality, the hysteria about “global warming” has created another bubble, a new industry, where some are profiting from the cap-and-trade carbon proposals-for now.

Here we review what science says about climate, with links to fuller reports:

**1. Climate is determined by long-range solar astronomical cycles that are driven by the regular periodicities in the eccentricity (about 90,000 to 100,000 years), tilt (40,000 years), and precession (21,000 years) of the Earth's orbit.**

Over the past 800,000 years the Earth's climate has gone through eight distinct cycles of about 100,000 year-long ice ages. In each cycle, there is a period of glacial buildup, followed by an interglacial, or relatively warm period, lasting about 10,000 years.

Because the current interglacial period has lasted more than the 10,000-year average, it is expected that a new “ice age” is in the making. We don't know exactly when ice will once again advance to cover a good part of the Northern Hemisphere, including New York City and much of the northern United States, but we do know that man-made carbon dioxide will not stop the march of the astronomical cycles.

For details, see “The Coming (or Present) Ice Age” by Laurence Hecht, *21st Century Science & Technology*, Winter 1993-1994, available online at: [www.21s](http://www.21s)

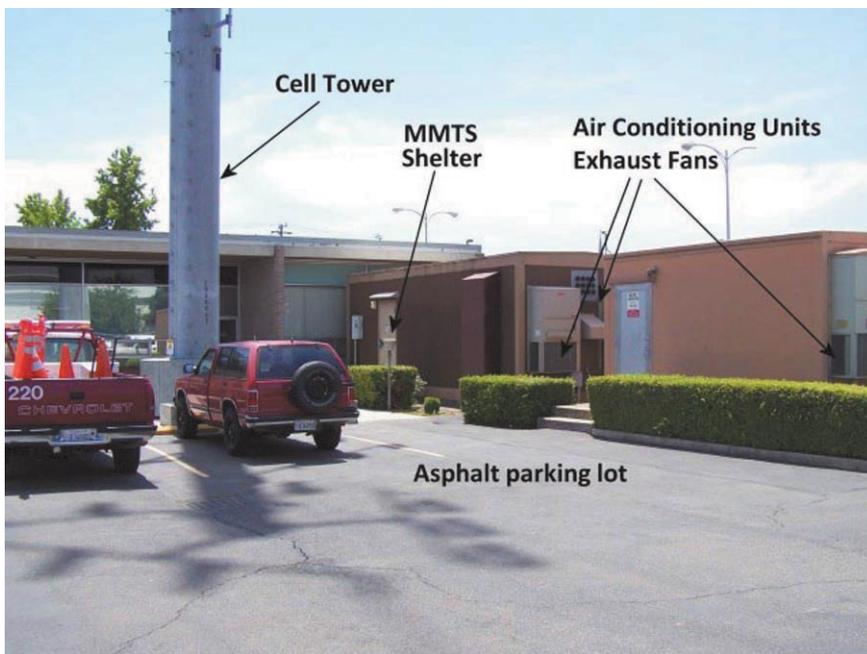
[tcenturysciencetech.com/Articles%202005/ComingPresentIceAge.pdf](http://tcenturysciencetech.com/Articles%202005/ComingPresentIceAge.pdf).

**2. Carbon dioxide levels have often been higher—much higher, in fact—in the past than they are today.** This is documented by Ernst-Georg Beck, who compiled 90,000 carbon dioxide readings going back to the 1800s, by leading scientists. This meticulous record was discarded by the Intergovernmental Panel on Climate Change (IPCC) in order to make its case that carbon dioxide levels today are soaring beyond any past records.

Beck shows that since 1812, the carbon dioxide concentration in the Northern Hemispheric air has fluctuated, exhibiting three high-level maxima around 1825, 1857, and 1942, the latter showing more than 400 parts per million. For more details, see “180 Years of Atmospheric Carbon Dioxide Gas Analysis by Chemical Methods,” in *Energy & Environment*, Vol. 18, No. 2, 2007.

**3. Carbon dioxide does not cause temperature increase.** Increases in carbon dioxide follow temperature increases. If you look at the historical temperature records for the past several million years, there is a 600- to 800-year gap between periods of temperature rise and rising carbon dioxide levels. See the discussion of carbon dioxide in Zbigniew Jaworowski's article “CO<sub>2</sub>: The Greatest Scientific Scandal of Our Time,” [www.21stcenturysciencetech.com/Articles%202007/20\\_12\\_CO2\\_Scandal.pdf](http://www.21stcenturysciencetech.com/Articles%202007/20_12_CO2_Scandal.pdf).

**4. Al Gore dramatically points to 1998 as the hottest year on record. But the temperature data he is using are false.** The data come from James Hansen, the director of the Goddard Institute for Space Studies and a leading alarmist on global warming, who had to revise the



Courtesy of Anthony Watts, [www.surfacestations.org](http://www.surfacestations.org)

*U.S. weather stations that monitor temperature and other climate variables are notoriously badly sited and unreliable. This station, for example, at Marysville, Calif., has located its new Min-Max Temperature Station (MMTS Shelter in the photo) near buildings, a cell tower, an asphalt parking lot, and air conditioning exhaust fans, all of which make the temperature readings warmer.*

temperature data on the Institute's website because it was shown to be manipulated.

Canadian economist Steven McIntyre pointed out that in the Institute's year 2000 data revision, the model had used a set of data that skewed the results, producing the 1990s as the hottest decade (and 1998 as the hottest year) in history. When this error was removed, it turned out that the 1930s were the warmest decade. All that is left of this 1990s hottest decade claim is hot air. The Institute initially acknowledged McIntyre's correction on its website, but later adjusted this to remove his name.

James Hansen claimed that this was just a "trivial" error, yet U.S. temperature measurements make up 25 percent of his world temperature models—not a trivial amount.

For McIntyre's comments, see <http://www.climateaudit.org/?p=1946> and other columns at this website. The Goddard Institute of Space Studies website is <http://data.giss.nasa.gov/gistemp/graphs/>.

#### 5. Climate models are only models,

**not all-knowing gods.** It is not physically possible to "model" the behavior of clouds, water vapor, and other climate variables because of the nonlinearities involved. It is like deciding that you can "model" the future behavior of a newborn child.

Scientists can get out of climate models what they want, by changing the assumptions of the model and cherry-picking the data used. See "Computer Climate Models: Voodoo for Scientists," [http://www.21stcenturysciencetech.com/Articles%202007/GW\\_voodoo.pdf](http://www.21stcenturysciencetech.com/Articles%202007/GW_voodoo.pdf).

**6. Temperature data used in models and in the IPCC predictions are not based on physical temperature data, but on model predictions.** As one leading climate modeler, Gavin Schmidt of the Goddard Institute of Space Studies, stated, the models "don't use any observed temperature data directly." In addition, the selection process for which weather data are used is not transparent. The end results cannot be replicated, and often the process of data selection is unavailable, because it is considered "proprietary." See

Gregory Murphy, "Computer Climate Models: Voodoo for Scientists," [http://www.21stcenturysciencetech.com/Articles%202007/GW\\_voodoo.pdf](http://www.21stcenturysciencetech.com/Articles%202007/GW_voodoo.pdf).

**7. The network of U.S. weather stations that monitor temperature and other climate variables is not reliable.** The stations, which are monitored by volunteers, are often in disrepair and many are located where they cannot possibly give an accurate reading of temperature (for example, next to an airport runway). For some photos, see [http://www.globalwarminghoax.com/e107\\_plugins/content/content.php?content.7.2](http://www.globalwarminghoax.com/e107_plugins/content/content.php?content.7.2)

**8. A "mean world temperature" is meaningless.** Think about having one foot in boiling water and the other frozen in an ice bucket. On average, you would be fine.

**9. Ocean levels are not rising.** The world's leading sea-level-rise expert, who has observed ocean levels for 35 years, documents that sea levels are not rising and island nations are not endangered, based on actual *observed* sea levels. Climate model scenarios predict often alarming rises, but none has been observed.

See the interview with Dr. Nils-Axel Mörner, just retired head of the Paleogeophysics and Geodynamics Department at Stockholm University in Sweden: [www.21stcenturysciencetech.com/Articles%202007/MornerInterview.pdf](http://www.21stcenturysciencetech.com/Articles%202007/MornerInterview.pdf).

**10. The polar bear, poster child of the global warming scare, have managed to survive several ice ages and interglacials over the past 800,000 years.** They must know something that climate alarmists don't know about survival. For this story, see Gregory Murphy, "Polar Bears Are Smarter Than Al Gore," [www.21stcenturysciencetech.com/Articles%202007/GW\\_polarbears.pdf](http://www.21stcenturysciencetech.com/Articles%202007/GW_polarbears.pdf).

**11. The IPCC or Intergovernmental Panel on Climate Change advertises its scary pronouncements as a "consensus," but in fact, it has ignored the opposing views of reviewers and many of the scientists listed as members of the IPCC.** For example, see the interview with IPCC reviewer Dr. Paul Reiter, head

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## Editorial

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of the Insects and Infectious Disease division of the Pasteur Institute: [www.larouchepub.com/eiw/public/2007/2007\\_10-19/2007\\_7-14/pdf/52\\_714\\_scienv.pdf](http://www.larouchepub.com/eiw/public/2007/2007_10-19/2007_7-14/pdf/52_714_scienv.pdf).

**12. There is no “consensus” that the globe is warming.** A review of 539 papers on global climate change on the ISI Web of Science database from January 2004 to mid-February 2007, conducted by medical researcher Dr. Klaus-Martin Schulte, found that only 7 percent explicitly endorse the “consensus” that warming is anthropogenic, and only 45 percent agree in some degree with the consensus. The largest category of papers, 48 percent, were neutral on the subject. The ISI Web of Science database covers 8,700 journals and publications, including every leading scientific journal.

**13. Global warming from its beginning was devised as a population control policy.** It was created as an alarmist way to get people to cut back on their living standards and to curb black and brown populations. For documentation, including damning quotes from 1975 by today’s leading global warming enthusiasts, see this author’s “1975 Endangered Atmosphere Conference: Where the Global Warming Hoax Was Born,” [www.21stcenturysciencetech.com/Articles%202007/GWHoaxBorn.pdf](http://www.21stcenturysciencetech.com/Articles%202007/GWHoaxBorn.pdf).

**14. “Carbon offsets” and other mechanisms to relieve the “carbon footprint” of the industrialized sector are simply new ways to keep the Third World poor and in the dark, with no access to advanced technology.** For example, Climate Care, the carbon-offsetting company features on its website ( [www.climatecare.org/projects](http://www.climatecare.org/projects) ) a cartoon illustration of happy little natives peddling a treadle-pump to get water, and burning a lone solar-powered light bulb, while heating their stove with dung. All this to “offset” the air travel of a guilty emissions-consuming Westerner.

For details, see Gregory Murphy, “Carbon Offsets Are Genocide,” [www.21stcenturysciencetech.com/Articles%202007/GW\\_genocide.pdf](http://www.21stcenturysciencetech.com/Articles%202007/GW_genocide.pdf).



*Mörner being interviewed in the Maldives in 2001 by MaleTV. His good news that the sea level was not rising there, was apparently too good, and the government censored it.*

## Global Warming Update

*Continued from page 7*

CO<sub>2</sub> to sea surface temperature. As the activity of the Sun had caused a warming of the ocean surface over that period, it was no surprise that atmospheric CO<sub>2</sub> tended to increase. A period of reduced solar activity, which we appear to be entering, will allow the oceans to cool, causing a reduction in atmospheric carbon dioxide.

However, in either case the CO<sub>2</sub> level has nothing to do with the climate. Historical readings from the 19th Century have shown carbon dioxide levels much greater than those we see now. But these and other anomalies were systematically removed from the measurement record, as Dr. Ernst-Georg Beck extensively demonstrated ([www.21stcenturysciencetech.com/Articles%202007/True\\_CO2\\_Record.pdf](http://www.21stcenturysciencetech.com/Articles%202007/True_CO2_Record.pdf)).

One caveat: Despite the close correlation demonstrated in Professor Endersbee’s curve, it is also possible that the CO<sub>2</sub> levels reported from the Mauna Loa, Hawaii observatory are themselves part of the gigantic global warming fraud. Mauna Loa is the world’s largest volcano, and an active one. The measuring apparatus for CO<sub>2</sub> is set right by one of the vents where the volcano outgasses. To the

north, on the big island, is the world’s most active volcano, Kilauea.

The full text of Professor Endersbee’s article is at: [LINK](#)

—Laurence Hecht

## Sea-level Expert Publishes New Pamphlet on Climate Lie

“The Greatest Lie Ever Told” is the title of a new booklet on global warming by Nils-Axel Mörner, who recently retired as director of the Paleogeophysics and Geodynamics Department at Stockholm University. Mörner describes his hypothesis that the global warming “horror scenario” came out of the 1970s oil crisis, and the collaboration between Swedish meteorologist Bert Bolin and his old school friend Olof Palme, Sweden’s Prime Minister. Palme was an initiator of the global climate organization that led to the Intergovernmental Panel on Climate Change.

Mörner then reviews the science and observations of sea level changes, in which he is an acknowledged world expert.

Copies of the 20-page, four-color booklet are \$15 and can be obtained by writing to the author, [morner@pog.nu](mailto:morner@pog.nu). An interview with Mörner and an article by him appear in the Fall 2007 *21st Century*, [www.21stcenturysciencetech.com/Articles%202007/MornerInterview.pdf](http://www.21stcenturysciencetech.com/Articles%202007/MornerInterview.pdf).