

Obama's "Bad Molecule CO₂ Myth" Is a Dagger in the Back of the U.S. Economy

Edward F. Blick, Ph.D.

Retired Professor, Engineering & Meteorology
University Of Oklahoma

About the Author

Dr. Edward F. Blick holds a B.S. and M.S. in Aeronautical Engineering, and a Ph.D. in Engineering Science. He served as a U.S. Air Force weatherman from 1951 to 1954. He has also been a professor at the University of Oklahoma in the School of Petroleum & Geological Engineering, the School of Meteorology, the College of Medicine, and the School of Aerospace, Mechanical & Nuclear Engineering. Dr. Blick has worked for Lockheed Missile and Space Co. and McDonnell Aircraft Corp., and has consulted for several corporations and government agencies, including NASA and the United States Air Force.

All Scripture quotations are from the King James Version of the Holy Bible, unless otherwise noted.

© 2009 by Southwest Radio Church of the Air. All rights reserved. No part of this book may be reproduced in any manner whatsoever without written permission of the publisher, except in the case of brief quotations in articles and reviews. For more information, write Southwest Radio Ministries, P.O. Box 100, Bethany, OK 73008; call 1-800-652-1144; or e-mail www.swrc.com.

Printed in the United States of America

Obama's "Bad Molecule CO₂ Myth" Is a Dagger in the Back of the U.S. Economy

Edward F. Blick, Ph.D.

Retired Professor, Engineering & Meteorology

University Of Oklahoma

June 18, 2009

Obama wants \$8 per gallon gasoline, so the public will buy his "putt-putt" cars from his newly extorted auto companies—Government Motors and Chrysler/Fiat. He has set up a straw man (straw molecule?), carbon dioxide (CO₂), in order to ration fossil fuels, especially oil and coal. He tells us the *mean molecule* CO₂ is going to cause a climate disaster by warming the Earth, melting our polar caps, raising our sea level, and inundating coastal cities. (Can we restrict it to Washington, DC?) There is no credible scientific evidence to support any of this nonsense. Anthropogenic Global Warming and its newer name, Climate Change, are politicized science. This politicized science scheme is a variation of Politics 101, which uses fairy tales to frighten the public, and then the government promises to save them by

some scheme that involves raising our taxes. It's a big con job by the government.

All of the rhetoric about a shortage of oil is baloney. America has 25 percent of the world's coal. We are the Saudi Arabia of coal. We can make oil and gas from coal using the Fischer-Tropsch technology used by the Germans in WW II. SASOL in South Africa has produced petroleum from coal for decades, since they have no indigenous petroleum supplies. The German synthetic oil and gasoline were so good that as U.S. General Patton's Third Army began outracing their supply lines, they transferred the synthetic gasoline from German vehicles and raced ahead. A recent Royal Dutch Shell report indicated that when oil prices hit \$64 per barrel, it is economical to produce oil from coal. The term "we are running out of oil" is obsolete. We can MAKE petroleum in any quantity and any grade (sulfur-free) we want! In addition, by using fast breeder reactors, the world has enough nuclear fuel to last for tens of thousands of years! Obama needs to abandon these punitive tax schemes on fossil fuels that will kill our prosperity and start developing coal to oil and nuclear energy programs.

Atmospheric carbon dioxide (CO₂) is a harmless gas. It is not a pollutant. CO₂ and O₂ are gases of life. God in His wisdom set up a synergism between the living gases of animals and plants. Animals inhale oxygen and exhale carbon dioxide. Plants inhale CO₂ and exhale O₂ by the process of photosynthesis. Why are Obama and his Chicago thugs ignorant of these basic facts? When CO₂ levels drop below 200 parts per million (ppm), plants start to die, and then man dies. During the twentieth century, the rising levels of CO₂ increased crop yields worldwide. CO₂ has not caused measurable increase in global temperatures. Hooray for CO₂!

The U.S. House of Representatives Committee of Energy and Commerce, chaired by Henry Waxman, recently passed the "Cap

and Trade” bill. Duplicating Europe’s failed scheme would be a knockout blow for the U.S. economy because it would dramatically increase energy costs and cripple the nation’s dwindling manufacturing base. It would be a giant economic dagger aimed at the nation’s heartland, where twenty states get 60–98 percent of their electricity from coal.

This bill compels an 80 percent CO₂ reduction by imposing punitive cap-and-trade restrictions on virtually every business, motorist, and family using hydrocarbon fuels. Anything and anyone who uses electricity and/or fossil fuels will be taxed. The National Economic Council puts the tax bite at \$1.3 to \$3 trillion, which averages out to \$4,000 to \$10,000 per person. Since businesses pass their increased tax cost on to the consumer, everything will cost more. Every item we buy will increase in price, including clothing, food, drink, housing, cars, gasoline, travel, fuels, wood, and raw materials. America will be the most toxic-tax place in the world to do business. Of course many businesses will flee America, taking their jobs with them.

An 80 percent reduction in CO₂ could take us back to 1905 according to Oak Ridge National Laboratory data. At that time, coal and wood heated homes. New York City’s vehicle emissions were 900,000 tons of horse manure annually. America had a population of 84 million versus 300 million today. There were no cars, jet liners, or electricity for offices, factories, schools, or hospitals.

The bill was so lengthy that chairman Henry Waxman had not read it all. A TV clip showed a colleague asking him a question about the bill and Waxman answered that he didn’t know, but the scientists [bureaucrats] at the IPCC knew all of the details. This let the cat out of the bag that the U.N. had written the bill! IPCC is the “International Panel on Climate Control” and is the “political junk science division” of the corrupt U.N. This bill is governmental gangsterism. “The right response to the non-

problem of global warming is to have the courage to do nothing,” said Lord Christopher Monckton, former science advisor to U.K. Prime Minister Margaret Thatcher.

Government Insanity

In addition to rationing fuels in hopes of reducing atmospheric CO₂, our government plans to pump CO₂ underground (sequestering CO₂). In fact, they recently started pumping at an ethanol plant in Greensville, Ohio. It is extremely expensive to compress CO₂ into a liquid and drill deep holes. It is insane! It is analogous to the pagan medical practice of bleeding the patient. It is completely worthless.

The Department of Energy estimates it will cost \$100 per ton to sequester CO₂ and they are considering sequestering 1.5 billion tons per year. Knowing the government estimates on the costs of new programs are always too low by factors of 5 to 10, the total tax for this new program is likely to be over \$1 trillion! It takes a lot of energy to sequester CO₂, which means additional coal must be burned to provide the energy to sequester CO₂. The bad news is that for every ton of coal burned, three tons of CO₂ is produced, which drives the cost up even higher!

More Government Insanity

How about the morons in the EPA who want to put a tax on flatulence of cows, sheep, and pigs! The EPA claims animal flatulence contains methane, which is causing global warming, which will destroy our planet! The EPA is considering that the tax on dairy cows may be \$175 per dairy cow, \$88 on beef cattle, and \$20 on each hog! Unbelievable! Can they tax Al Gore’s gas?

CO₂ is a very minor greenhouse gas responsible for only a miniscule increase of the Earth’s temperature in the last 150

years. During this time, the CO₂ from the burning of fossil fuels added only 3 percent to the natural CO₂ in our atmosphere and only 0.03° C temperature rise. The Earth has warmed from the early 1800s (the end of “the Little Ice Age”) until 2000, due to a very active sun. We’ve had global cooling since 2000 due to a reduction in solar output. During the last two years, we’ve had record-breaking cold temperatures and snowfalls, and glaciers have started advancing. As this is being written on June 17, 2009, it has recently snowed in New Jersey and North Dakota! Hundreds to thousands of people froze to death in India, China, and Afghanistan. A Russian icebreaker filled with tourists, expecting to see evidence of global warming, were shocked to experience global cooling when they became stuck for seven days in the Arctic ice. During the twentieth century when our sun was more active, the increase in ocean temperatures bubbled more CO₂ into our atmosphere, which increased crop production and tree growth. We need more CO₂, not less, especially if global cooling continues and wipes out useable croplands in Canada, the northern U.S., and Europe. CO₂ is aerial fertilizer for plants and trees.

Obama, Gore and the U.N.

On November 18, 2008, Obama made the statement, “The [climate change] science is beyond dispute and the facts are clear.” This author and about 100 other scientists wrote him and said, in effect, that it was not true. In part because of his incorrect view on climate change, America is on the verge of economic collapse. His “full-throttle rush” to socialism by his takeover of private enterprises, massive pork barrel, and bailout programs totaling trillions of dollars has severely crippled our economy. Unemployment is still rising and most people have lost 40 percent or more in the value of their homes and retirement funds.

Captain Obama is still trying to fix our sinking financial boat

... by drilling holes in the bottom to let the water out. The biggest hole he is drilling is the huge “Cap and Trade” program to ration fossil fuels and reduce carbon dioxide. Unless this insanity is stopped, the U.S. will slip into an economic death spiral. Our economic future is being flushed away. Say goodbye to America, the world’s former superpower, and hello to China! (Stock tip: buy Berlitz . . . they specialize in Chinese language courses)

Al Gore, along with the political thugs at the United Nations, has been peddling this global warming fairy tale for twenty years. Al Gore claims 2,600 experts back his global warming theory. But an examination shows many of his those so-called “experts” include non-scientists such as a landscape architect, a practitioner of Chinese medicine, and a gynecologist! Were these people picked randomly on some street corner to sign Al Gore’s petition? On the other hand, over 31,000 real scientists, including this author, signed a petition stating global warming science is essentially junk science. Real scientists don’t threaten to kill other scientists who disagree with them. But this has happened to some anti-global warming scientists. A friend of mine, Dr. Timothy Ball, a retired climatology professor at the University of Winnipeg, has had five death threats.

Our democratically controlled Congress has the lowest approval rating in history. They should not be allowed to spend a dime on Al Gore’s hoax. Gore may become the first cap-and-trade billionaire if that bill becomes law. General Electric is also poised to make billions off cap-and-trade! Only after wise counsel with real scientists should Congress be allowed to pass legislation regarding science. Al Gore has demonized the CO₂ molecule as a bad molecule and wants to eliminate it by eliminating fossil fuels. Millions of poor people may starve or freeze to death due food shortages and lack of heat due to the government’s excessive taxes on fossil fuels. Many of their jobs will be shipped overseas to a less harsh tax environment.

The rotten egg of global warming was hatched 20 years ago by Marxist Maurice Strong and his political thugs at the United (Useless) Nations. The first group of credible scientists hired by the U.N. studied the global warming theory in 1995, and then wrote a report stating *there was no credible evidence that man-made CO2 was responsible for any increase in the Earth's warming*. When the scientists went home, the crooked U.N. politicians changed their report to say, *man was responsible for the Earth's warming*. The U.N. appointed Al Gore as their Joseph Goebbels to spread the myth of global warming.

Liberal politicians always want to control our lives; it's in their genes. If they can control carbon, they control us. Any time politicians politicize science, bad things happen. They are mostly lawyers who do not understand science. A good example is Al Gore. After flunking out of Vanderbilt with five "F's" in theology, Al Gore transferred to Harvard and took two introductory science courses with grades of D and C+. Did his mixing up global warming with the devil cause his problems at Vanderbilt? How could someone with this lack of science background have written two science-fiction books and prepared a \$250,000-per-shot slide show on global warming? Hmmm, maybe his Socialist friend Maurice Strong and his junk science friends in the IPCC at the U.N. helped him?

Politicized Science

Consider the evidence of a politicized science called eugenics (good genes) in the first half of the twentieth century. *There were little men walking around in white coats in America and Germany, saying, "We are going to create a super race by select breeding"!* Eugenics was the brainchild of Francis Galton, a cousin of Darwin. It was based upon Darwin's "survival of the fittest" nonsense. Eugenics was very popular with the wealthy. California was at the epicenter of American eugenics. They originated the

concept of the white, blonde-haired, blue-eyed master Nordic race before Hitler was in power. When Hitler came to power, he studied all of the American eugenic advances. States in America passed laws, upheld by our Supreme Court, that allowed forcible sterilization, incarceration, and occasional euthanasia of the physically handicapped, the mentally ill, and ethnic minorities (particularly people of mixed races). In Germany it was all of the above, plus their specialty in the efficient killing of millions. If this shocks students of history, then they will be astonished to discover the rich and famous people who approved this: Theodore Roosevelt; Woodrow Wilson; Supreme Court justices Oliver Wendell Holmes and Louis Brandies; Averill Harriman, railroad magnate and former U.S. ambassador to WWII Russia; Alexander Graham Bell, inventor of the telephone; Margaret Sanger, pro-abortionist of blacks; botanist Luther Burbank; novelist George Bernard Shaw; and oil tycoon John D. Rockefeller. Also on the list was Rockefeller's associate, Samuel Prescott Bush, who was grandfather and great-grandfather of H. W. and G. W. Bush, respectively. Others included Alan Dulles, director of the U.S. WWII Office of Strategic Services (OSS), and his brother, John Foster Dulles, former secretary of state. The Dulles brothers had been lawyers for the Rockefeller Standard Oil Company.

The Rockefeller Institute for Medical Research promoted eugenics counseling, selective mating, and artificial insemination as "positive" means of breeding superior human stock, and compulsory sterilization and euthanasia as forms of "negative" eugenics to weed out "inferior" human stock. Rockefeller financed the German foundation Kaiser Wilhelm Institute and gave Ernst Rudin, Hitler's chief architect of the Third Reich's infamous "Sterilization Law," the keys to the building for his research in eugenics.

Nobel Prize winner Dr. Alexis Carrel of the Rockefeller Institute advocated mass murder of mental patients and prison-

ers. In Carrel's 1935 bestseller *Man the Unknown*, he proposed that small euthanasia stations be equipped with suitable gases to "humanely and economically" dispose of the mentally ill and criminal class. The Germans took Carrel's advice and set up ordinary looking houses, where mental defectives were brought and interviewed one at a time. Then they were led into a back room to be gassed with carbon monoxide and then cremated. Eventually the program had to be expanded into a vast network of concentration camps located on railroad lines for efficient transportation and killing ten million undesirables.

The Rockefeller Standard Oil of New Jersey Company was effectively merged with the German I.G. Farben Company (maker of the Zyklon B poison gas used in death camps). In 1940–41 they built a gigantic factory in Auschwitz using slave labor to convert coal into gasoline, using the Fischer–Tropsch technology. SASOL in South Africa later used this technology for decades to supply all of their petroleum needs. After the war, testimony showed Standard Oil funds were used to pay SS guards.

A positive eugenics experiment, the Lebensraum program, where SS officers impregnated Nordic-type German women, was a failure. They suffered very high rates of birth defects.

After World War II, nobody was a eugenicist, and nobody had ever been one. It ceased being taught in college. Why? Because those who had been caught up in it were so embarrassed that they would not discuss it. To do so would be like admitting you were an accessory to the murder of millions. Eugenics was a pseudo-science elevated, supported, and protected by the state. It was a politicized science. The same is true for the junk science of global warming.

CO₂ Not Harmful to Man or Planet

Obama's administration claims CO₂ is a pollutant. It is not a pol-

lutant, but is instead necessary for plant and human life. It is not causing global warming or climate change, nor has it ever killed anyone. Our present atmospheric CO₂ level is 385 ppm. Historically the amount of atmospheric CO₂ has never reached a level where it is dangerous for humans. Humans are in danger when CO₂ concentration reaches 50,000 ppm. Sailors in our submarines work in CO₂ levels of 8,000 ppm with no ill effects. Crowded auditoriums, may reach 10,000 ppm. The recommended threshold level in civilian workspaces for an eight-hour day is 5,000 ppm. A typical office has 350 to 2,500 ppm. Exhaled human breath is about 45,000 ppm. The total carbon emitted by a human is about 2 kg/day. For 6 billion people on Earth this amounts to 2.2 gigatons/year (1 gigaton = 1 billion tons).

One hundred fifty years ago, at the start of the Industrial Revolution, the total amount of carbon in the atmosphere was 700 gigatons. Since then, man's activities have put 1,000 gigatons of carbon in the atmosphere. The residence time of CO₂ in the atmosphere is about five years, as the oceans absorb 98 percent of the CO₂ in the air above it (Henry's Solubility Law). Hence 2 percent of the man-made CO₂ stays in the atmosphere. This is why most of the CO₂ in a soft drink bottle is in the liquid. At present, the increase in atmospheric CO₂ is $[700 + (0.02) \times 1000]/700 = 1.03$ or approximately 3 percent greater than 150 years ago. This increase in atmospheric CO₂ has only produced a miniscule amount of Earth warming, far less than natural variations produced by fluctuations in solar irradiance and water vapor. Since we started with 7,000 gigatons of carbon in our underground fossil fuels 150 years ago, we can use the formula above, to show the maximum increase in atmospheric CO₂ by burning all 7,000 gigatons is only 20 percent. The political thugs at the U.N. have scared the world by claiming climate disasters will occur in the future when the atmospheric CO₂ increases by 100 percent. But CO₂ can only increase to a maximum of 20 percent. Even if it

could increase by 100 percent, it would not be harmful; it would be good for the plants since it is aerial fertilizer!

With reported values of atmospheric CO₂ levels being 385 ppm, and knowing that concentrations 20–25 times that amount produce absolutely no ill effects on American sailors, our government efforts to reduce atmospheric CO₂ is ludicrous. Those in power in our government are either scientifically illiterate or they are bowing down to their green-nazi supporters. These tree-huggers have a hatred of fossil fuels and wish to run this country on windmills and solar panels, and it can't be done!

Carbon Dioxide: Aerial Fertilizer

At present CO₂ is an endangered molecule. We need more to increase plant growth! Award winning Princeton University physicist Dr. William Happer has stated that CO₂ levels were much higher in the past and at present the Earth is currently in a CO₂ famine with atmospheric levels of only 385 ppm (testimony before Senate Environmental and Public Works Full Committee hearing, February 27, 2009). Ernst-Georg Beck (2007) reported CO₂ levels of 450–470 ppm in the 1940s and early 1800s, which are higher than our present level of 385 ppm. This is a mystery the global warming advocates cannot explain, because they have cooked the books on CO₂ levels prior to 1950 (Jaworowski, 2007).

Our atmosphere contains approximately 78 percent nitrogen, 19 percent oxygen, 1–3 percent water vapor, plus 1 percent trace gases. Of the trace gases, carbon dioxide has a small concentration of only 0.038 percent. Carbon is vitally important because it is a component of all food, fiber, and fuel. Now our U.S. government wants to tax it as a pollutant! CO₂ is the sole source of our food chain. Every item of nutrition we consume started out as atmospheric CO₂. Plants produce food from carbon diox-

ide and water in the presence of light by the wonderful mechanism of photosynthesis. Plants ingest CO₂ and release oxygen (O₂) to the atmosphere. Six molecules of CO₂ and six molecules of water (H₂O) are converted by plants into one molecule of carbohydrate plus six molecules of oxygen (O₂).



The resulting carbohydrates, directly or indirectly, supply almost all animal and human needs for food and energy. Oxygen and some water are released as by-products of this process. Man has burned hydrocarbons in engines for the past 150 years, and wood since the time he was created, releasing CO₂ into the atmosphere. Decaying flora and fauna also release their stored carbon back into the atmosphere in the form of CO₂.

Humans and animals are fat, protein, and bone with the spark of life. Fat is largely carbohydrates; protein is carbohydrates plus nitrogen; and bone is calcium phosphate, plus some carbon minerals. Notice the common thread . . . “all life is carbon.” CO₂ is not now and will never be a pollutant.

Carbon dioxide is an “aerial fertilizer” for plants, yet our government is talking about reducing atmospheric CO₂ by “cap-and-trade” (a.k.a. tax-and-trade) scheme and pumping CO₂ down old oil and gas wells. Of course, that will cost us trillions of dollars and further bankrupt our country. As previously stated, they have already started pumping CO₂ down a hole drilled at the ethanol plant in Greenville, Ohio! This is analogous to the pagan medical practice of bleeding patients.

Lower concentrations of CO₂ can kill plants. The U.S. Department of Agriculture (USDA) found that there is so little atmospheric CO₂ that a field of corn in full sunlight *consumes all of the CO₂ within a meter of the ground*. If wind currents do not constantly stir up the air, *the corn will stop growing!* Plants start

to suffer when the CO₂ level drops to 240 ppm and they die at 160 ppm! (Information given to the author in August 1977 by Darryl Smika, a plant physiologist, USDA).

We don't need idiots like Al Gore and his allies endangering our food supply by reducing atmospheric CO₂. The best-kept secret the green-nazis hide from the public in the global warming debate is that plant life of planet Earth would greatly benefit from higher levels of atmospheric CO₂. Plants grow faster and larger because of more efficient photosynthesis and have a sharp reduction in water loss. Thousands of experiments have shown that higher levels of atmospheric CO₂ levels will result in increases in plant growth and food and fiber crop production. Other benefits include greater resistance to temperature extremes and better growth at low light intensities, improved root/top ratios, less injuries from air pollutants, and more nutrients in the soil as a result of more extensive nitrogen fixation.

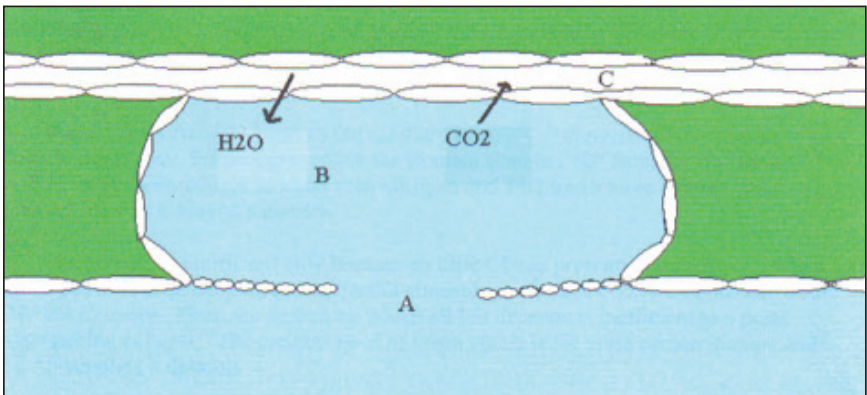


Fig. 1—Stomata Function

The underside of plant leaves contain pores, known as stomata, which admit air into the leaf for photosynthesis, but they also are a major source of moisture loss. Higher CO₂ levels partially close the pores, greatly reducing the plants water loss—a significant benefit in arid climates.

There are marked variations in the response to CO₂ among plant species. There are three broad categories of plants—C₃, C₄, and crassulacean acid metabolism (CAM)—and they have big differences in response to CO₂. Most green plants, including trees algae, and most major food crops, use the C₃ pathway, so named because the first products of photosynthesis (called photosynthate) have three carbon atoms per molecule. C₃ plants respond with high growth rates to higher levels of CO₂. At current atmospheric levels of CO₂, up to half the photosynthate is lost and returned to the air. Elevated levels of CO₂ greatly reduce the loss of photosynthate and hence increase the production of carbohydrates by the plant.

C₄ plants include corn, sugarcane, sorghum, millet, and some tropical grasses. Their first products of photosynthesis have four carbon atoms per molecule. C₄ plants receive a boost with increased CO₂ levels, but not as great as C₃ plants. However C₄ plants have less water loss than C₃ plants, which may improve yields when rainfall is lower than normal.

The lowest response to higher CO₂ levels is usually the CAM plants, which include pineapples, agaves, and many cacti and other succulents. They are well equipped for efficient water use. Under arid conditions they fix CO₂ at night, when the stomata are open and water loss is minimal. During the day their stomata are closed and stored CO₂ is released so photosynthesis can proceed.

Thousands of experiments have measured increases in plant growth with increases in CO₂. For rice, the optimal CO₂ level was found to be between 1,500 and 2,000 ppm. The U.S. Department of Agriculture in Phoenix pulled together data from 800 scientific tests that doubled the CO₂ level and found an average of 32 percent improvement in plant productivity. Greenhouse-grown vegetables, including tomatoes, cucumbers, and lettuce, show earlier maturity, larger fruit size, greater number of fruit,

and yield increases ranging from 10 to 70 percent, averaging 20 to 50 percent. Cereal grains with C₃ metabolism, including rice, wheat, barley, oats, and rye show yield increases ranging from 25 to 64 percent. Food crops with C₄ metabolism, including corn, sorghum, millet, and sugarcane, show yield increases of 10 to 55 percent, resulting primarily from superior water use efficiency. Tuber and root crops, including potatoes and sweet potatoes, showed yield increases from 18 to 75 percent. Legumes, including peas, beans, and soybeans, show yield increases of 28 to 75 percent, with a spectacular increase in nitrogen fixation.

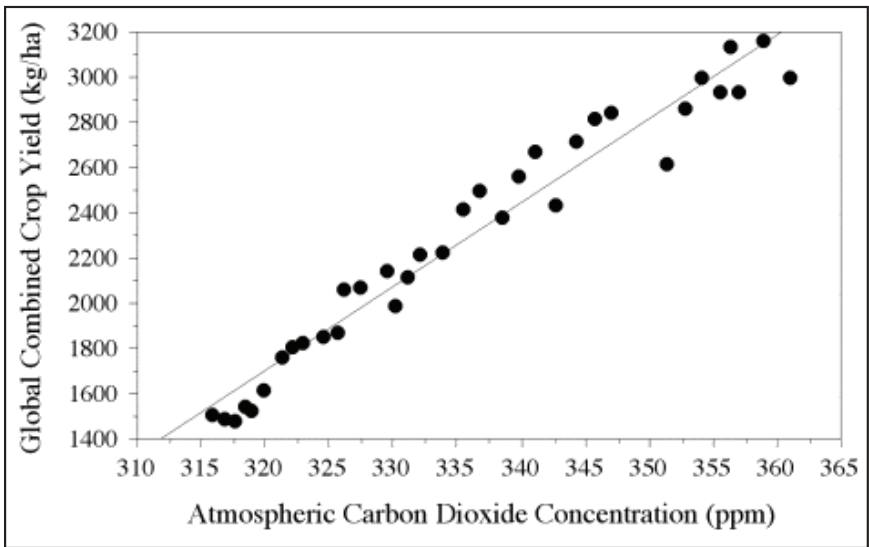


Figure 2—Rising Atmospheric CO₂ Increases Crop Yields (U.N. study graph from climateresearch.com)

Figure 2 shows during the time period of 1958–96, that for every 1 percent increase in CO₂, there was a dramatic 8 percent rise in crop yield. The benefits of CO₂ enrichment in greenhouse yields was first discovered in Germany 100 years ago, and now it is widely used in Sweden, Denmark, Holland, Australia, Japan, and the U.S. Typically, the nurserymen increase greenhouse CO₂ up to 1,000 ppm or higher by burning a small amount of liquid

propane or natural gas, or they use bottled carbon dioxide emitter systems. CO₂ enrichment is more economical when greenhouse vents can be closed; hence, it is used most often in winter

Trees and seedlings have shown remarkable growth responses to elevated levels of CO₂. At concentrations of 1,000–2,000 ppm, black walnut, sugar maple, oak, sweet gum, pine, and eucalyptus seedlings increased dry weight and leaf area by about 80 percent, and height by 90+ percent. The forestry department at Michigan State University produced plantable trees in months rather than years using CO₂ concentrations of 1,000 ppm. The U.S. Department of Agriculture found that in a two-year period, with 650 ppm CO₂, orange trees produced 10 times more oranges than trees grown under ambient CO₂ level of 360 ppm. In 1992 the Finnish Forest Research Institute reported a 25–30 percent increase in the forests of Finland, Sweden, Switzerland, and West Germany between 1971 and 1990 due to an increase in atmospheric CO₂ of 9 percent during the same period.

A largely unknown phenomenon caused by rising CO₂ levels is that satellite studies have shown the Sahara desert has shrunk since 1980. Sand dunes are retreating, and vegetation is ousting sand across a swath of land stretching six thousand kilometers (Pierce, 2000). Other important benefits of elevated levels of CO₂ include: 1) compensating for deficiencies in light during winter months in northern Europe, U.S., and Canada; 2) protection of plants against both extremely hot and cold temperatures; 3) increasing “biological nitrogen fixation” by legumes; and 4) offering protection against air pollutants.

Fossil Fuels vs. Green Energy

Until the mid-1800s the American lifestyle was similar to “The Little House on the Prairie,” with horses and buggies, out-houses, well water, candle or oil lamp lights, back-breaking labor to

raise crops, and primitive health care. In 1859 oil was discovered in Titusville, Pennsylvania, and coal was becoming more plentiful. In just 70 years, America went from “The Little House on the Prairie” to planes, trains, automobiles, and electricity! Coal and oil are two of the greatest liberators of all times. The modern civilizations of America and Western Europe were built with the high energy density in coal and oil. To give an idea of the high energy density of coal, one ounce of it has enough energy to pull one ton of coal in a railroad car about two miles! Oil has about twice the energy density of coal. One ounce of oil can pull one ton by rail four miles. Oil and coal can economically pull themselves to homes in Canada and bring the heat of Florida and electricity to these homes.

Cost to Cool My House, July 2007

Electricity Used, 1900 KWH = 6.5 million btu
 Electricity Bill \$169

FUEL	Energy Density	Amt Needed	Cost
Natural Gas	1050 btu/ft ³	6200 cu. ft	\$27
Oil	135000 btu/gal	48 gal.	\$46
Coal	13000 btu/lb	500 lb	\$28
Wood (hard)	4700 btu/lb	1400 lb	\$21
Uranium	25 million btu/lb	1/4 lb	\$13

GREEN POWER?

WIND POWER* Cost: \$40,000 to \$ 60,000

10 KW machine with 22 ft. Blade,
 and 100 ft. Tower and one acre.

SOLAR PANELS* Cost: \$120,000

733 sq. ft. of 9 KW panels

* Backup Power (fossil fuel) is needed for Wind Power & Solar

Conclusion: Green Power is VERY VERY Expensive !

Figure 3—Energy Cost for Blick Home, July 2007

Figure 3 shows the amount of fossil fuels required to produce the 1,900 kWh used in the author's home in July 2007. Uranium is the cheapest fuel of all. Also shown is the required amount of money needed to produce the same amount of energy using either a windmill or solar panels. There is no question that they are far more expensive.

About 50 percent of our electricity is generated by coal. Electricity has helped to increase life expectancy and lower infant mortality. It powers city water to your home, runs our washing machines, air conditioners, telecommunications equipment, dental drills, x-ray equipment, and a host of other medical equipment. Unfortunately our Marxist president wants to replace the fuels that built our civilization in seventy years with extremely expensive wind power, solar panels, and biofuels, which really cannot do the jobs of coal or oil.

Large-scale wind farms are a waste of money. Everywhere they have been tried, they fail when the government subsidies are removed. They produce very small amounts of electricity at an enormous landscape and environmental cost to game birds and bats. I suppose they will provide some green jobs the government talks about by letting men pick up the dead birds. They only produce about one-sixth of their rated capacity due to the variability of wind. They produce zero energy when the wind is not blowing strongly enough. Hence, they need some type of fossil fuel or nuclear power stations to be kept on stream to pick up the load. They are normally located long distances from the user, which requires costly and unsightly transmission lines, with large energy losses. Even when the wind is blowing, the fluctuations in the wind destabilize the electric grid; hence, only a small percentage of its total power supply can be safely used. In winter, windmill blades ice up and throw chunks that can kill. They must be shut down and de-iced.

Vaclac Klaus of the Czech Republic reported that to replace

their Temelin nuclear power plant with wind, it would take 7,750 wind turbine power plants requiring 8.6 million tons of material, and would cover a 413-mile long line of turbines, 492 feet high, corresponding to the distance from Belgium to the Czech Republic. Due to lack of sales, England's last remaining company that builds windmills recently closed. Windmills are not like cars; you can't sell someone a new model every year or two. The market can get saturated. Some more green jobholders are probably now unemployed.

Solar panels have many problems. Their efficiency is improving, but they are a long way from providing any meaningful portion of our nations electric needs. They are useful only in sunny climates and on a micro-generation scale (e.g. providing electricity for a hospital refrigerator in Africa). Larger solar collectors built in deserts suffer from extremes of temperatures and exposure to winds and sandstorms. Maintenance costs and transmissions line losses are high and reliability is low. One additional problem in areas of snow, you must shovel the snow off the panels. (More green jobs!)

Biofuels are for the scientific illiterate. President G. W. Bush forced biofuels upon us. President Obama, trying to clean up Bush's mess, plans to expand the biofuels program. Since the initiation of biofuels, the price of staple foods and agricultural land has doubled worldwide, and is causing starvation in places. Even if all of our corn (10.5 billion bushels in 2006) were converted to ethanol, it would only provide 6 percent of our oil needs. Using all of our soybeans would only provide 1.5 percent of our oil needs

After the biofuels bill became law, it was discovered that production costs and CO₂ emissions from the production of most biofuels were actually greater than that of gasoline! So what is the point of producing them except making happy farmers in Iowa? Adding used restaurant cooking oil to diesel fuel

can present problems in cold weather. In January 2007, a diesel-powered bus in the middle of the Rocky Mountains could not start its engine because the fuel mixture congealed. The culprit was the 20 percent biofuels mixture. The people almost froze to death before being rescued. Governments need to have enough safeguards to be free of scientifically illiterate pressure groups (e.g. the U.N.). Using biofuels—forget it!

Global Cooling

Henry Waxman and his other democrats in the House have been directing Obama's war against global warming. They are like the generals who are always fighting the last war. But someone should tell Henry the global warming train has left the station. In fact, it was never in the station. It was a mirage, a myth! An active sun with lots of sunspots and million miles-per-hour solar winds caused the warming in the twentieth century. Now the sunspots have vanished. Figure 4 shows that cooling started in 2002. Figure 4 shows Big Al is wrong again. Al Gore lied when he said with increasing CO₂ that we will always get a continuous increase in temperature. So Henry, get on the global cooling train, and start trying to figure out how the government is going to help the folks cope with a little ice age that may last for decades!

Our government has not told the American people that the Earth has been in a global cooling phase for the last seven years, which may put millions of acres of croplands in the deep freeze. Our ever growing population may not have enough food! Large increases in atmospheric CO₂ can help mitigate the coming food shortage. Stop cap-and-trade and stop sequestering CO₂. It is insanity!

Prior to the year 2000, the Earth had undergone 150 years of global warming, not due to man's burning of fossil fuel, but because sunspots and the sun's magnetic storms were more ac-

tive than they had been for hundreds of years. During this 150-year period, atmospheric CO₂ increased as the warming ocean exhaled CO₂. CO₂ is less soluble in warm water.

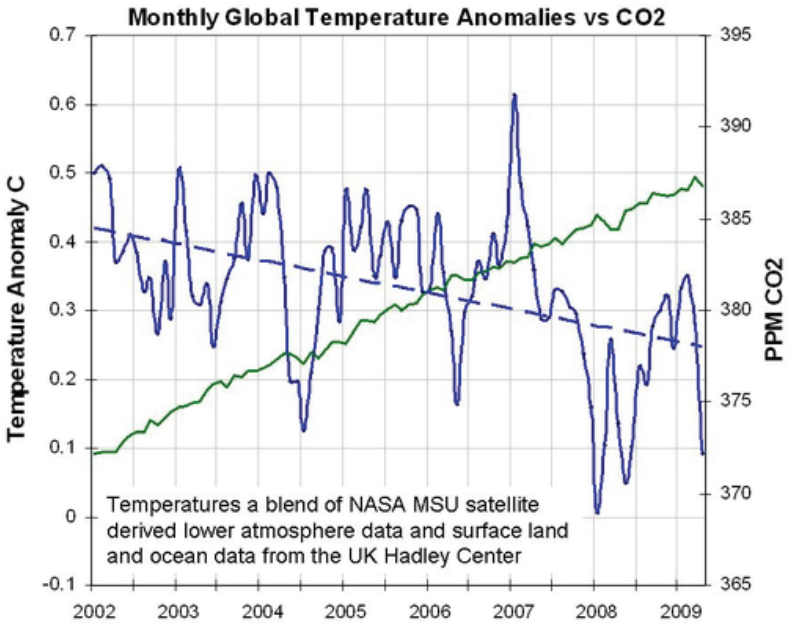


Fig. 4 Global Cooling has Started

Solar cycle 23 is about to end (Fig. 5). It has lasted 13 years, which correlates with very few sunspots, weakened solar magnetic winds, and colder weather. Normal solar cycles last 11 years. Shorter cycle lengths result in hotter weather, while longer cycle lengths result in colder weather. Archibald (2008) discovered that solar cycle lengths longer than 11 years reduce the average global temperature by 1.25° F per year. Since solar cycle 23 is 13 years old, predictions are the next decade to have about a 2.5° F temperature drop. The last half of cycle 23 has switched Earth into a global cooling mode. The Earth experienced a similar dearth of sunspots during the period named the Little Ice Age. This period lasted from A.D. 1300 until 1850. There were

three periods during the Little Ice Age that had extremely low numbers of sunspots and long cycle lengths; 1) the Sporer Minimum, A.D. 1425–1575; 2) the Maunder Minimum, A.D. 1645–1715; and 3) the Dalton Minimum, A.D. 1790–1820. Almost half of the 550-year-long “Little Ice Age” were years of extremely low sun spot activity. These were periods with severe global cold that killed millions due to famine and diseases.

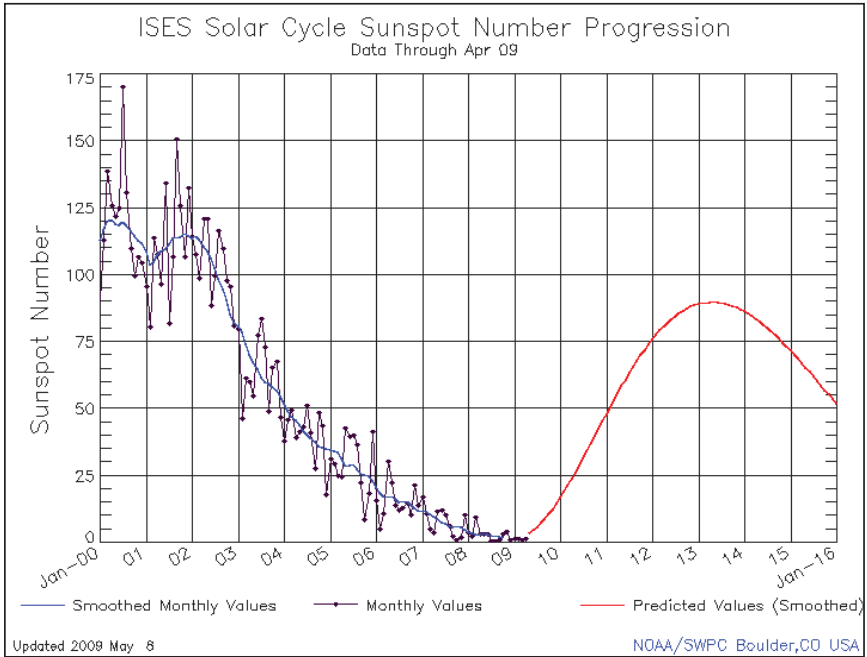


Figure 5—Solar Cycle 23–24 Progression

Based upon these past historic responses to low sunspot activity and our present low sunspot activity, many scientists now predict similar periods of severe cooling and famines for planet Earth that may last for decades. It would take very little cooling to destroy food crops of Canada, northern U.S., and northern Canada. Canada would welcome global warming! Figure 6 shows the 2006 U.S. Hardiness Zone Map. Archibald (2008) has computed the expected drop in global temperature due to the simi-

larity between solar cycles 22–23 and the solar cycles that started “the Dalton Minimum” of 1790–1820. He then computed the change in the U.S. hardiness zones. (Fig. 7)

2006 arborday.org Hardiness Zones Map

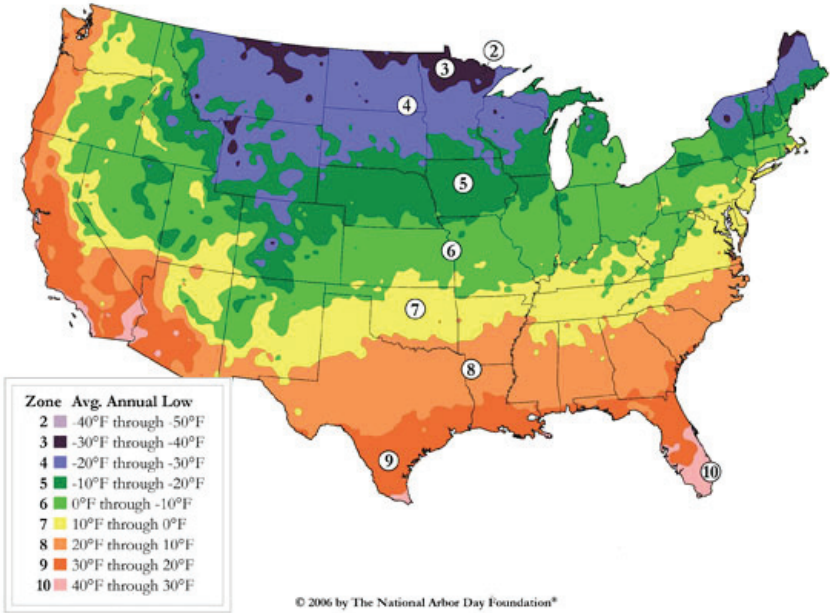


Fig. 6. U.S. Hardiness Zones

Change in U.S. Hardiness Zones Due to Change in Sun Spot Cycle Lengths		
Latitude	1990–2006	Next Decade
30° North	70 miles North	50 miles South
35° North	125 miles North	190 miles South
40° North	175 miles North	260 miles South

Figure 7—Near Future Change in Hardiness Zones

The U.S.–Canadian border is about 50° North latitude, and from Figure 7, the Hardiness Zone for 40° North may move 260 miles south. *This could be bad news for Canada.* As of June 2009 the Canadians are having some problems getting their crops to grow in the cold weather. There is only a 50–mile southern movement at South 30°, which runs through Texas.

Our present world population is about 6 billion and some have predicted that it will grow to 9 billion in 50 years. A world-wide famine would certainly reduce that number. To minimize the deaths due to cooling, our government should be planning for ways to mitigate the effects of cooling on crop production and the resulting food shortages. One obvious step is to stop the insanity of their war on CO₂.

The poor will suffer the most. For the past 150 years medical literature has documented that mortality rates are higher in the winter and lowest in the summer. In England 40,000 people die every winter due to cold coupled with poor housing, insufficient insulation, ineffective heating, and high fuel costs. Eight thousand more Britons die for each degree the cold dips below the winter average. This past winter was so cold that they expected that 1 in 12 seniors would die. This does not bode well for America if the global cooling continues and the massive Obama taxes on electricity, coal, oil etc. become law.

The Peoples Republic of America

Is Obama the Trojan Horse for Socialism? If so, this could explain his “full speed ahead—damn the torpedoes” rush to reinvent the United States of America to “The Peoples Republic of America”? Or could he just be so ignorant of science that he actually believes this global warming fairy tale invented by the U.N. and promoted by Al Gore? If Obama is really ignorant of science and he should ever read this paper, perhaps the following informa-

tion would convince him that global warming or climate change due to man is not true.

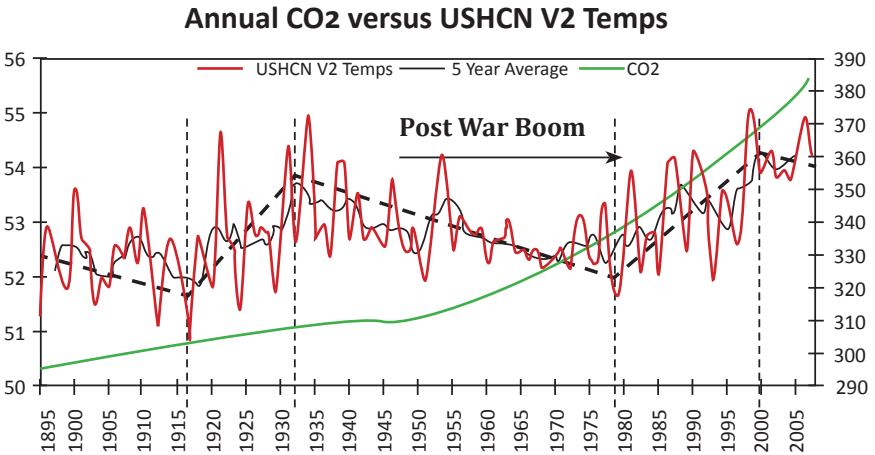


Fig. 8 Five US Climate Changes in 113 years

Figure 8 shows five climate changes that occurred from 1895–2008:

1. Cooling—1895–1917
2. Warming—1917–1936
3. Cooling—1936–1979
4. Warming—1979–2000
5. Cooling—2000–??

The following excerpt from a newspaper article is amusing:

The Arctic Ocean is getting warm.

Seals are vanishing and icebergs are melting.

Moraines of earth and stone have now replaced great masses of ice.

At many points well known glaciers have disappeared.”

—*The Washington Post*, November 2, 1922

Luckily for the American public, President Warren Harding did not blame the global warming on all of those “Ford Model T” cars that were crowding our roads, or the coal that was heating homes and generating electricity. Harding did not blame fossil fuels and that “*bad molecule CO2*” for melting icebergs and call for massive taxes on them. Fortunately *he did the right thing . . . nothing!* Fourteen years later, a global cooling period started. We could avoid an economic disaster if Obama did nothing! It is too bad we don’t have another Warren Harding as president today!

A recent article from the Russian newspaper *Pravda*, written by Stanislav Mishin, entitled “American Capitalism Gone with a Whimper” states that Obama has pulled the plug on the American way of life. Mishin observes:

It must be said, that like the breaking of a great dam, the American descent into Marxism is happening with breathtaking speed, against the backdrop of a passive, hopeless sheeple, excuse me dear reader, I meant people. . . . First, the population was dumbed down through a politicized and substandard education system based on pop culture, rather than the classics. Americans know more about their favorite TV dramas than the drama in D.C. that directly affects their lives. The final collapse has come with the election of Barack Obama. His speed in the past three months has been truly impressive. His spending and money printing has been record setting, not just in America’s short history, but also in the world. If this keeps up for more than another year, and there is no sign that it will not, America at best will resemble the Weimar Republic and at worst Zimbabwe. . . . Prime Minister Putin, less than two months ago, warned Obama not to follow the path to Marxism, it only leads to disaster.

Is this the end of the great America we all loved? Our country

was the marvel of the world for over 200 years. Have our socialist enemies finally gotten their wish of a “People’s Republic of America,” brought on by an elected dictator who has junked our Constitution and put us in an economic death spiral?

It appears that we are now witnessing collapse of the greatest nation on earth. Pray that God will once again smile on America.

If my people, which are called by my name, shall humble themselves, and pray, and seek my face, and turn from their wicked ways; then will I hear from heaven, and will forgive their sin, and heal their land.

—2 Chronicles 7:14

References

- Archibald, David, (March, 2008) “Solar Cycle 24: Implications for the United States,” david.archibald@westnet.com.au
- Beck, Ernst-Georg, “180 years of atmospheric CO₂, Gas Analysis by Chemical Methods,” *Energy & Environment*, Vol. 18, No 2, 2007
- Jaworowski, Z., “CO₂: The Greatest Scientific Scandal of Our Time,” *Science*, March 16, 2007
- Pierce, F., “Africans Go Back to the Land as Plants Reclaim the Desert”, *New Scientist* 175, 21 September 2002, pp 4–5