

## WOW....Maximum CO<sub>2</sub> Will Warm Earth for 20 Milliseconds

We have now reached the moment of truth. All carbon caused climate change supporters must fall into just two categories. These warmists must be either **WILLFULLY IGNORANT OF PHYSICS** or they must be **ENGAGED IN A CRIMINAL CONSPIRACY**. It has taken a determined effort by a team of the world's top scientists to solve this 115 year old riddle, but there is no longer any mystery.

We will first deal with the willful ignorance of Physics issue. The warmists have claimed that the only reason there is not unanimous support for the Carbon Dioxide warming hypothesis is because it is too complex to be understood. To the contrary, every grade school student and the science illiterate Al Gore understand these false claims. To counter these claims takes **REAL** science that is difficult to explain.

To explain the complete Earth energy flow that is expressed as short term weather and long term weather requires two, not easily approachable science subjects, Thermodynamic and Particle Physics. Identifying the forces and interactions is a complex subject for those with lifetimes of scientific study. It is first important to establish the heat flow that is in question, the Infrared (IR) emission of electromagnetic energy, absorbed by exposure to the Sun and continuously radiated back into space.

The warmist claim is that this energy is 'captured' by CO<sub>2</sub> which then warms the planet. When the predicted warming ended in 1998, was modified to 'change' and then 'disrupts' the climate. The term 'greenhouse' is a focus group selected word with emotive connotations. The correct term is insulation, which does not **WARM** you, but only slows the rate of temperature change.

This is more than a question of semantics. This term and this Faux Science have been intended to create a Faux Commodity Market, a Faux Energy Tax and unnecessary Faux Energy Use Controls. This is the ultimate power grab by out-of-control monopolists who are intent on controlling all human behavior. Regardless of your position on the methods and motives of those ultimately responsible for this fraud, the science is indefensible.

Most secondary student have read the George Orwell novel "1984" and are familiar with the phrase "Ignorance is Bliss" which was constantly trumpeted by 'big brother', the unelected, single faced government. While most recoiled at the brutality and control of this ominous force, there are real world 'big brothers' who considered this as an obtainable blueprint for total control of humanity and have actively enforced ignorance.

### Quantitative Easing of Stupidity

When the privately held, elitist controlled Federal Reserve cannot bail out its failed banks or prop up its faltering stock market it merely turns on the printing presses at the Federal Mint and pads its shortfalls with taxpayer obligations. When the failed elitist controlled mass media and the faltering elitist controlled education system have a shortfall, it is up to the Independent Scientist Reserve to provide the public with reason and facts.

Thermodynamics will provide exact, repeatable quantities for energy flows or resultant temperature based on equations with three main variables. These variables are the difference in temperature, the mass of the bodies and the specific heat of the bodies. The greater the temperature difference, the greater the energy movement, which is the 'delta T' component.

A pound of water is easier to heat than ten pounds of water, which is the 'mass' component. A pound of Aluminum is easier to heat than a pound of Lead, which is the specific heat component. Carbon Dioxide has a specific heat of  $0.8 \text{ J/Ks K}$ , which means it gains or losses heat faster than standard air. This coefficient actually reduces the mass values we will now discuss, but we will assume this to be  $1.0 \text{ J/Ks K}$  to simplify discussion.

In determining the heat flow of the planet we must place the 'human produced' atmospheric component in perspective with the total system. Humans produce 28 Gigatons of atmospheric carbon annually. For comparison, 28 G-tons of ocean would be 5.93 cubic miles or 28 G-tons of Earth would be 2.96 cubic miles.

What the warmists are trying to tell you is that YOUR 6 cubic mile portion of the ocean controls the temperature of the entire 310,000 million cubic miles of ocean. Or alternatively, YOUR 3 cubic miles of dust controls the temperature of the 259 trillion cubic miles of Earth. As absurd as this assertion is, the actual particle physics is an equal distortion.

### It's a Small World After All

Carbon Dioxide is a benign molecule that is required for life and is currently less than 390 parts per million (PPM) of the atmosphere. Prolonged exposure to concentrations of up to 80,000 PPM, have shown no adverse side effects. All federal registries listed CO<sub>2</sub> as 'non-toxic' until the recent EPA reclassification. Calling a substance a 'toxin' does not make that substance a toxin, except in the toxic mind of bureaucrats.

All substances absorb and emit electromagnetic energy in discrete spectrum bands. The Earths outgoing Infrared energy is in a narrow band and can be absorbed by CO<sub>2</sub> only in the 5 and 15 micron wavelength range. There is a finite amount of this IR energy, so the absorption is not directly connected with the amount of CO<sub>2</sub>. The term 'absorption' is misleading also, for the amount of time that this IR flow is 'interrupted', called the lapse rate is a fraction of a millisecond.

The majority of the space around an atom is void. Most IR energy passes through the CO<sub>2</sub> molecules with no impact. The further you go above the surface of the Earth, the less air and the less CO<sub>2</sub> you and outgoing IR waves will impact. Professor Nasif Nahle of the UA de Nuevo Leon has done the 'mean free travel' calculations on the IR escape rate. Outgoing IR energy is delayed by at most 22 milliseconds. [1]

That is the total extent of 'global warming'. All of the Planets CO<sub>2</sub>, the 97% from natural and the 3% from man delay temperature change by an unmeasurably small amount of time. And this 'delayed' heat transfer is NOT radiated back to Earth. It is leaving a 'hot' Earth at the speed of light for a 'cool' outer space and is only delayed momentarily.

### The Three Sided Climate War

The climate debate, to the extent that there has been any debate, has been divided between three factions. The most vocal is the overly funded warmists who believe in the just disproven above 'back radiation' theory and that CO<sub>2</sub> is the driving force in climate issues. The Luke Warmists believe in the false back radiation, but that it is only a contributing factor. The deniers are the only group trained in Thermodynamics and Particle Physics and who understand that 'back radiation' is the credit default swap of science.

This discussion has just recently entered the blogs and emails of all the prominent climate scientists. I have given up on enlightened conversion of the warmists, for they are too well funded to defect to truth. I did however offer the following warning to the Luke Warmists:

**\*\*\* Notice To All Scientific Pupas Wrapped In Their Luke Warmist Cocoons \*\*\***

**Your inability to comprehend the magnitude of REAL Earth science and your continued embrace of the Faux Science of Carbon Dioxide induced climate change will be your eternal curse.**

**Real scientists have proven your intentional errors and are making them know to the entire scientific community. Soon your defective research, thesis papers, text books and doctoral degrees will be deemed JUNK SCIENCE. This is your last notice. The World will suffer these warmist lies NO LONGER !!!**

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