

Hot Stuff

21 July 2017

A reader asks about a subject it might be good to re-visit, human activity which increases atmospheric temperature, changes weather and provokes events which would not have occurred otherwise or altering patterns of weather and climate.

Reader question (with numbering added to match Committee comments):

1. *Repeatedly it was said and communicated here that global warming and human-induced atmospheric changes (talk about CO₂ and methane emissions) have no causal connection.*
2. *Accordingly, a stop of the growing greenhouse gas emissions would not matter much, regarding the development of the climate. At least I understood it that way. Did I get it correctly?*
3. *To me this contradicts credible, well founded research.*
4. *If the above said connection does not exist, or if any connection of global warming with atmospheric changes is not of substantial relevance, what is it that brings about the climate change that is being recorded globally?*

The Committee responds:

"Greetings and welcome again to our words but not to our presence, for we are already with any and all of you, connected physically such that we are with you and even accompany you in the location you occupy, as if in your space simultaneously. More on this at the end of our discussion on your human global warming.

We first answer each number, then in general. We have addressed this before and understand we give nothing new. No offence would we take to any of you who skip this subject, and please do if retreading ground covered is not to your preference.

To N^o 1 we say, yes however we reveal our understanding of human language and word meaning & interpretation better than we care to otherwise or usually admit, as telepathic entities, not given to or preferring words. What is a casual connection? Cause to casual? Causation? Not formalized yet easy and accepted? We know what is intended and affirm our answer of yes. Human activity is not causing and has not caused increases in surface or gaseous atmospheric temperatures. No causations, cause, connections formal or otherwise, exist.

N^o 2: It would not matter at all if human production of carbon dioxide were stopped. There is no greenhouse gas on Earth, this term assumptive and incorrect in use. Gas cannot and does not act as a physical barrier to temperature transmission or convection as does a solid. This is what a greenhouse will create; there can be temperature increases from certain gas concentrations however these are relatively minor as we shall explain below, so you understand there is no

greenhouse effect on Earth and no existence of an atmospheric component which can properly be named a greenhouse gas.

Nº 3, Yes, it does. The research does not consider the things we shall list and explain.

To Nº 4 we shall explain then expand.

Your golden green and blue and white planet and all the colors upon it, is a magnet. Your central star also. The interaction of magnetic fields, well studied and used in and for human mechanical and electrical equipment, is the principal cause of what humans have noted in weather and atmospheric temperature.

Earth's magnetic atmosphere or magnetosphere, interacts with magnetism and other emissions from your sun, which affect Earth's core, itself ferrous. The core is composed of iron and steel, in liquid form because of the temperatures. This heat is regularly generated and as all of you know, heat rises against gravity.

Heat is the pace, speed and rhythm of atomic particle movement, the speeds at which neutrons, electrons and protons orbit and vibrate. The centrifugal force of these atomic components casts off energy created by the movement, itself generated by the receipt of energy. This involves energy multiplication, a subject for another day, suffice to say creation of light beams from crystals is an example; a laser beam from a ruby jewel is one.

Heat from Earth's core rises to the hard surface, the great majority of which is covered by oceans. Much of the seafloor is too deep for humans to properly explore; the challenges of pressure make this impossible for the majority of Earth surface. Remotely controlled devices unaffected by the water pressure are now technically possible, similar to equipment used for extraction of crude oil under oceans and seas.

The crust of Earth is consistent in temperature to depths not far below the surface, on dry land or underwater. As has been well discovered, pun intended, we suggest an example: the extraction of oil and gas demonstrates there is no effect upon the subsurface temperatures of soil and rock by the surface temperatures from starlight, or as you call it sunlight heating.

Indeed the surface of the Earth warms and cools with the arrival and departure of daylight; the accumulated heat dissipates each night completely. If there were any net retention, then atmospheric temperatures would have eons ago climbed to levels which make physical life on Earth impossible.

Certainly there are local and regional differences, however heat energy also moves horizontally as it convects vertically, and this is the cause of horizontal weather movement. Nevertheless, Earth's atmosphere is always in perfect balance overall; all atmospheric heat from daytime daylight effect is dispersed completely, no net retention occurs. Heat propagates faster and slower through certain gases, yet none retain heat energy applied from an outside source not a part of the gas itself.

If there were subsurface temperature devices placed below the ocean floor at regular intervals and in sufficient quantity, the number of which depends on depth and sensitivity, and available were there records of readings from two hundred years ago until today, the analysis of these temperature patterns would reveal the causes of weather events and patterns recently and currently believed to be global warming.

Deep ocean water temperatures affects deep currents, which eventually have effects upon shallow ocean water currents, surface water temperatures, evaporation, atmospheric moisture and weather patterns. The most obvious and well know example is El Niño effect occurring in the eastern Pacific Ocean not far from the western coastline of South America.

The ability to study not only surface ocean water temperatures across a wide area but also over sufficient time, would reveal much of these effects. Humans do not and cannot measure and correlate subsurface crust temperatures below oceans, seafloor temperatures and ocean surface effects. Analysis of such measurements would explain what humans consider erratic weather events.

We explain now what is called a greenhouse gas and why this does not exist. Solid materials cannot move and must transmit heat without mixture or movement. The iron skillet cools as heat from cooking rises into the surrounding air without movement of the pan. Heated gases, like liquids, mix together and transmit heat quickly. A greenhouse is a solid barrier and slows the propagation of heated gases because of the inability to gases to mix with cooler external air or easily with the solid barrier itself, usually glass or plastic. (On other planets there are used other materials for similar effect and human would be fascinated to observe this.)

Because the Earth's atmosphere is entirely gaseous, efficient and immediate mixture takes place unless more dense matter within the atmosphere distorts the effect somewhat. This is why humid air cools more slowly and rises to lesser temperatures than drier air; the microscopic droplets of liquid retain rising heat, remember it always rises, and disperse it among the surrounding droplets when no external heating from sunlight operates at night, yet also block light from reaching a harder surface and lessening the heating effect on the more dense, solid material.

Humans have noted erratic weather events and these have been caused by your central star. The equilibrium of gases in Earth's atmosphere, principally oxygen and carbon dioxide, was reached long ago and operates within a range of concentrations unaffected by human activity.

Higher temperatures cause more evaporation thus rainfall, which lowers temperatures, this effect taking place within days. Warmer temperatures and greater precipitation cause enhanced vegetation growth and higher consumption of atmospheric carbon dioxide and increased production of O₂ molecules. This balance and equilibrium involves the growth and death of all vegetation on Earth, the amounts of gas from which far exceed anything humans could produce by the combustion of hydrocarbons.

Too long have we spoken on this subject, we thank you all for time and attention. Be well one and all and until again."