Q. & A. Anthropogenic (Man-Induced) Global Warming

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Question: What is Anthropogenic (Man-Induced) Global Warming?

Answer: It is the theory that man's burning of fossil fuels since the mid 1800s released carbon dioxide (CO2) into the atmosphere, which increased the Earth's average global temperature and is causing a climate catastrophe. The climate catastrophes include melting of polar ice caps, which will cause a 20 ft rise in sea level in 100 years (Al Gore). The UN IPCC estimate is 1 ft 5 in. Al Gore claims some Pacific atolls would submerge. Both the IPCC and Al Gore say hurricanes and tornadoes are more frequent, the polar bear population is decreasing, and CO2 is a pollutant.

Question: Is there any evidence of man-induced global warming?

Answer: No. The 0.6 F^o warming of Earth during the twentieth century was due to large increases in sunspots and solar irradiance (Fig. 1). The Sun caused the warming. During this time period, astronomers observed the Sun warming Jupiter, Mars, Saturn, Neptune and Pluto. The evidence: the shrinking of CO2 ice caps, moons changing from solid ice to liquid, frozen nitrogen turning to gas etc. Man's activity on Earth did not warm the planets. During this time period CO2 bubbled out of the warming ocean (just as it bubbles out of a warming glass of carbonated beverage) and increased the amount of atmospheric CO2. The active Sun caused both an increase in temperature of 0.6 F^o, and atmospheric CO2. There has only been a 3 percent increase in atmospheric CO2 due to man's use of fossil fuels. Scientists have computed the global warming in the 20th century, due to increases in CO2, to be a miniscule 0.09 F^o. This is too small to measure since it is much less than the natural temperature fluctuations due to the variation in clouds and water vapor. The increase in temperature due to increasing CO2 levels is very small since it varies logarithmically. Hence any temperature increase in the next 100 years due to mans activity will also be too small to detect.

Fig.2 shows the distribution of all-time high temperatures for each continent. Except for Antarctica, all continents had their record high temperatures before 1943. Fig.3 is a chart of the distribution of all-time high temperature records of our 50 states. Twenty-four of the 50 states had their record high temperature in the 1930s. Thirty-three (2/3rds) of the states had their record high temperatures in the 1880s-1930s. For this time period, far less CO2 was emitted into the atmosphere by the burning of fossil fuels than in the last 60 years. Both figures show there is no evidence of man-induced global warming. Fig. 4 shows that since 2002, we have entered a global cooling period due to a less active Sun (fewer sunspots). Note the falling temperatures occurred in spite of increasing CO2, which directly contradicts the Gore/UN man-induced global warming theory.

The 1995 UN IPCC chart (Fig 5) indicates it was 4 F^o warmer during the "Medieval Warm Period" (900 to 1300 AD). During this period Vikings colonized a green Greenland, the great cathedrals of Europe were built, and the Chinese navy sailed in the Arctic with little sign of ice. Fig.5 also shows a "Little Ice Age" occurred from 1350 to the 1800s. This period was the result of low sunspot activity. Millions died by famine and disease.

Question: What climate catastrophes are occurring due to Global Warming?

Answer: None. Hurricanes and other Tropical Cyclones; lowest activity for 30 years. Sea Level; rising at 1 ft/century since satellite measurements began in 1993, and no sea level rise in 3 years. Pacific Atolls; not at risk, coral grows upward ten times the rate of sea level rise. Polar Bears; population up 5 fold since the 1940s. Antarctic Sea Ice; growing for 30 years. Greenland: average ice-sheet thickness grew by 2 in/yr from 1993-2003. Northwest passage; Amundsen sailed through it in 1903. It was also open in the mid-1940s when a U.S. submarine surfaced at the North Pole. Sahara Desert; greening so fast that 115,000 sq. miles have become habitable by nomadic tribes. Drought and Floods; variable as usual.

Question: Is their proof that CO2 is a pollutant?

Answer: There is no proof CO2 is a pollutant. It has never killed or harmed anyone. CO2 is a synergistic gas of life for plants and animals. Plants absorb CO2 and emit oxygen. Humans and animals breathe in oxygen and exhale CO2. Humans are in danger when CO2 concentrations reach 50,000 parts per million (ppm). At present the concentration of atmospheric CO2 is 385 ppm. Historically the amount of atmospheric CO2 has never reached a level where it is dangerous for humans. Sailors in U.S. submarines work in CO2 levels of 8000 ppm with no ill effects. Crowded auditoriums, may reach 10,000 ppm. The recommended threshold level in civilian workspaces for an 8-hour day is 5000 ppm. A typical office has 350 to 2500 ppm. Exhaled human breath is about 45,000 ppm. The total carbon emitted by a human is about 4.4 lb/day. For six billion people on earth this amounts to 2.2 gigatons/year (1 gigaton is 1 billion tons).

Question: Will government reductions in CO2 levels reduce crop yields?

Answer: Yes. The U.S. Department of Agriculture (USDA) and others have discovered that atmospheric CO2 levels dramatically affect crop yields. For example during the time period of 1958 to 1996 the atmospheric CO2 concentration rose from 315 to 360 ppm and the global combined crop yield rose from 1250 to 2850 lb/acre (See Fig. 6). One percent increase in CO2 resulted in an 8 percent increase in crop yield, or 33-lb/acre yield per one-ppm rise in CO2. The USDA found that we

too little atmospheric CO2. Experiments showed there is so little CO2 that a field of corn in full sunlight consumes all of the CO2 within three ft of the ground. If the wind currents do not constantly stir up the air, the corn stops growing! Plants start to suffer at CO2 concentrations of 240 ppm and die at 160 ppm (D. Smika, USDA, 2007). CO2 is obviously an aerial fertilizer for plants.

Figures

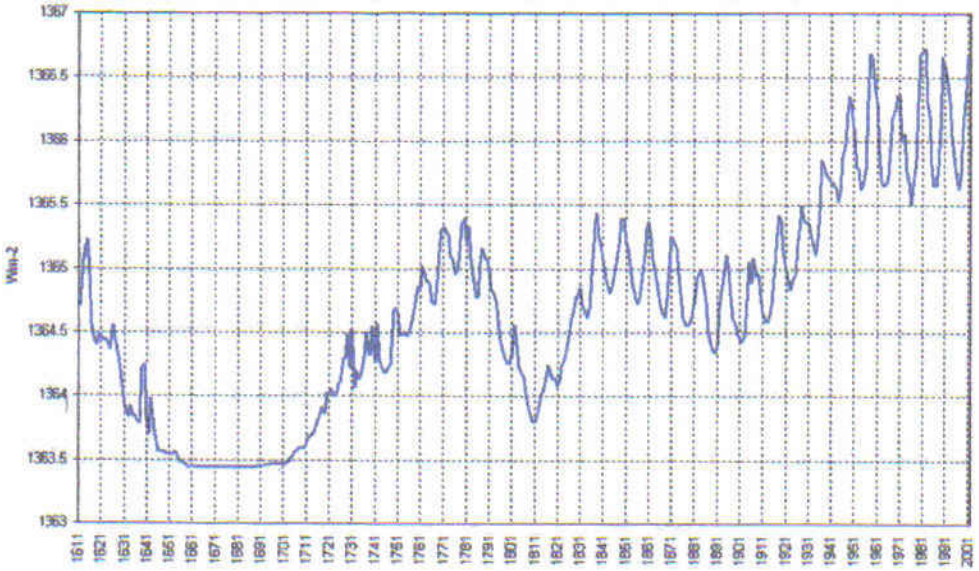

Fig. 1 Total Solar Irradiance 1611 to 2001

Continent	All-time High °F	Year
Europe	122	1881
Australia	128	1889
South America	120	1905
Oceania	108	1912
North America	134	1913
Africa	136	1922
Asia	129	1942
Antarctica	59	1974

Fig. 2 Record High Temperatures for Continents

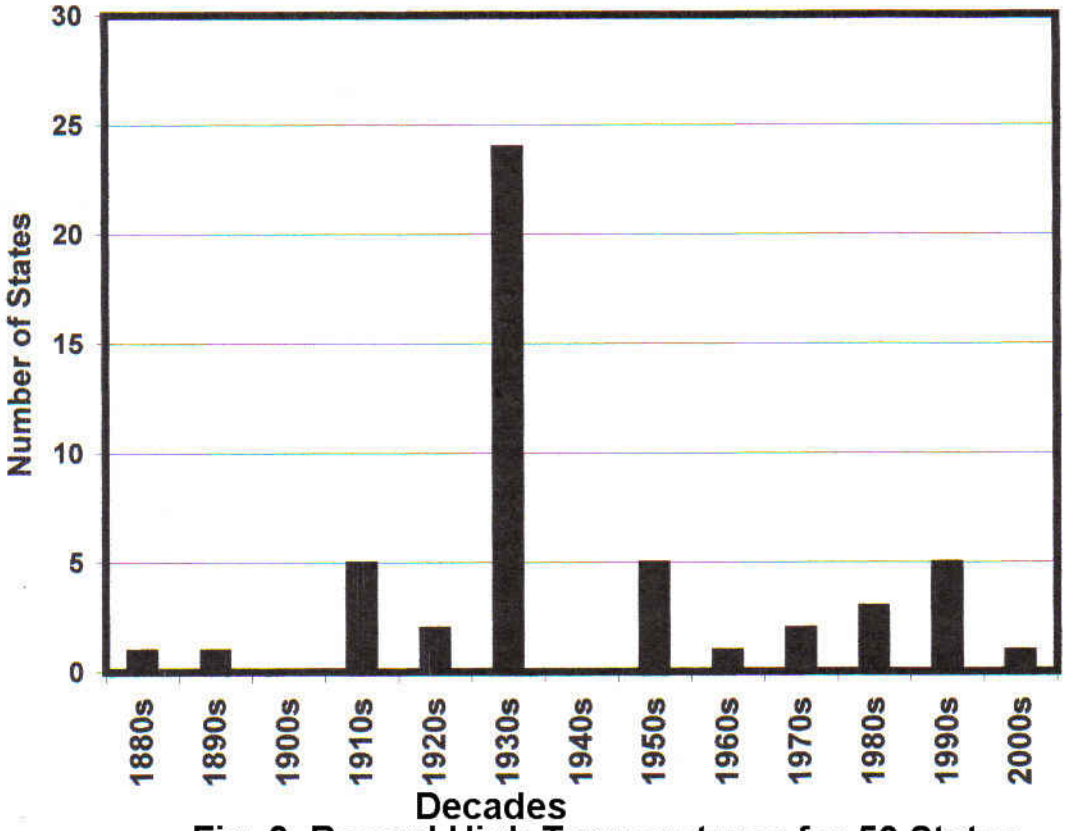

Fig. 3 Record High Temperatures for 50 States

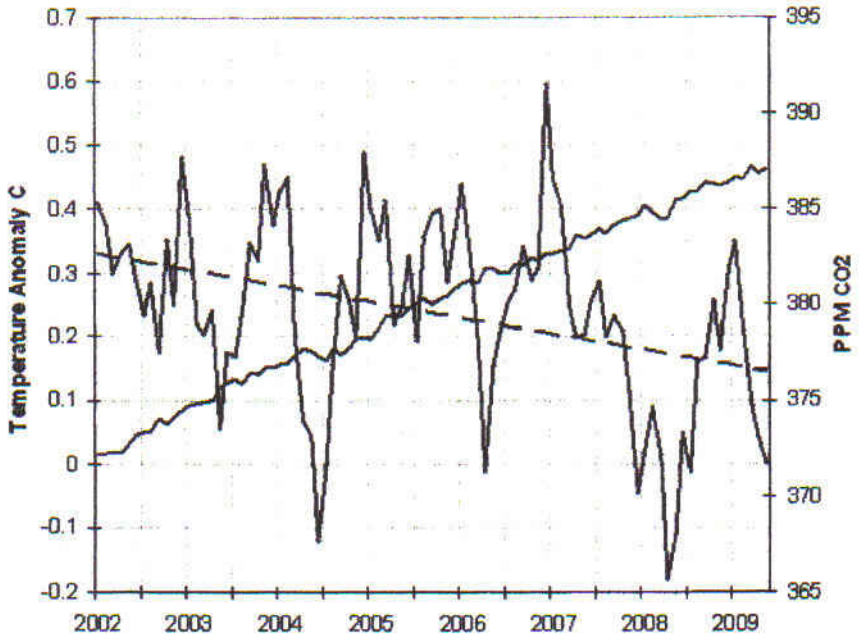

Fig. 4 Global Cooling vs CO2 (J D'Aleo icecap.us)

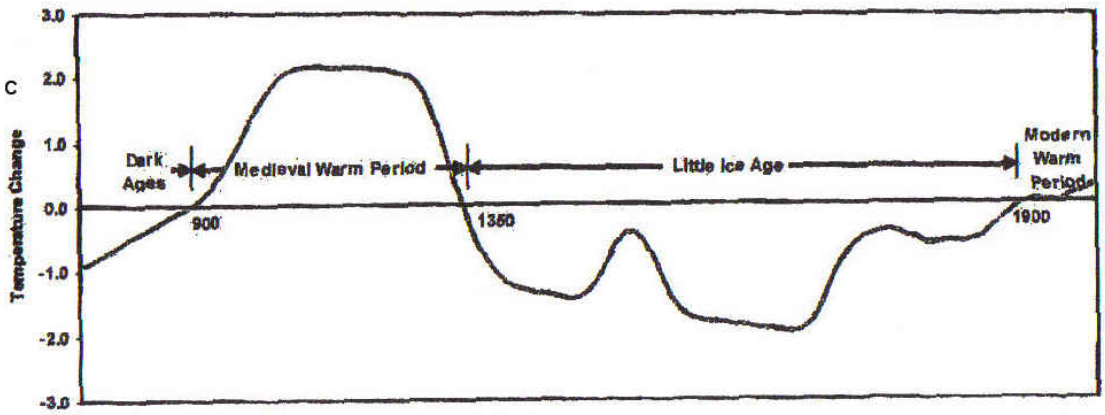

Fig. 5 Medieval Warm Period -- Little Ice Age (UN IPCC 1995)

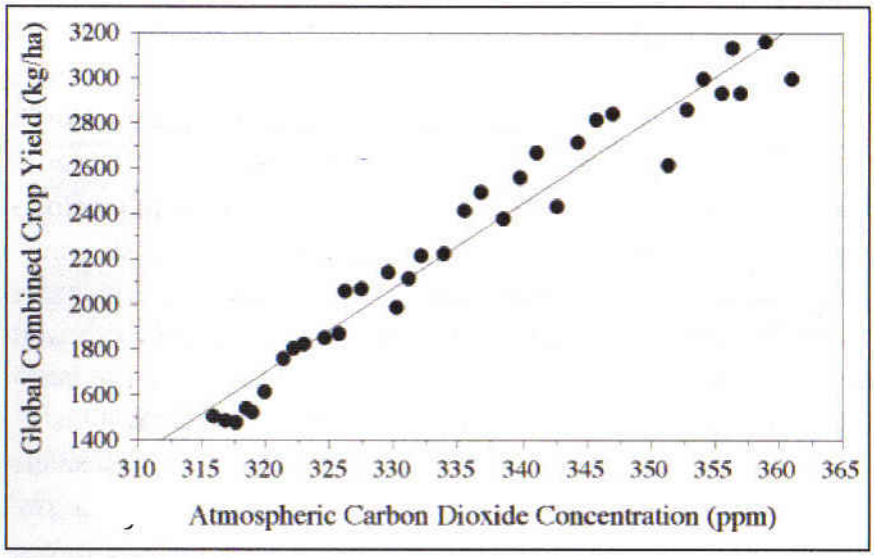

Fig. 6 Rising Atmospheric CO2 Increases Crop yields
UN Study Graph from Climateresearch.com

Edward F Blick, PhD
Former USAF Weatherman
Retired Prof. Engineering & Meteorology
Univ. of Oklahoma