Friends of Science – Talking Points

Ken Gregory April 25, 2012 Revised March 17, 2013

Global surface temperatures have been declining at 0.03 ^{o}C/decade from January 2002 to February 2013. The IPCC projected the temperatures would be increasing at 0.20 ^{o}C/decade.[1]

A uniform 1.8% change in water vapour has the same greenhouse effect as a 10% change in CO_2.[2]

Water vapour has declined 13% at 8 km altitude since 1960 in the tropics allowing heat to escape to space.[3]

A change of water vapour at 8 km altitude has 30 times the greenhouse effect as the same change near the surface.[4]

The IPCC computer-modeled temperature trend at 8 km altitude from 1979 to 2009 is about 4 times higher than observed.[5]

The climate model sea surface warming trend at the equator from 1981 is 6 times higher than measured by satellites.[6]

The greenhouse effect has increased 0.2% since 1960.[7]

Satellite data shows that low clouds increase with warming, reflecting sunlight which reduces the initial warming.[8]

The climate models' average estimate of climate sensitivity to CO_2 emissions is six times higher than estimates based on observational evidence.[9]

A correlation of the Sun's activity to temperature shows the Sun has caused at least 75% of the warming of the last century.[10]

Solar activity in the last half of the 20th century was the highest in 8000 years.[11]

Correcting the surface temperature record for the effects of urban development would reduce the warming trend over land from 1980 by half.[12]

NASA applies an urban warming correction to their temperature index in the wrong direction in 45% of the adjustments which increases the urban warming effect.[13]

The 2007 IPCC report contains references to 5,587 non-peer-reviewed literatures, including newspaper articles and Greenpeace documents.[14]

Ice core data shows that CO_2 changes follow temperatures changes by about 800 years, so CO_2 cannot be a significant cause of climate change.[15]

CO_2 is plant food. A 300-ppm CO_2 increase would raise the forest's productivity by about 50%.[16]

Sea level rise has sharply decelerated since 2002. Tropical coral islands rise with sea levels and most have not reduced in size over the last century.[17]

Hurricane activity is at a 30-year low.[18]

There has been no trend in droughts or floods with global warming.[19]

Temperature is not a significant factor in the incidence of malaria or other diseases.[20]

The health benefits of a warmer planet are many times greater than any harmful effects.[21]

In Canada, an increase in temperature would significantly increase crop yields and increase the arable area.[22]

Environment Canada plans to restrict CO2 from coal-fired generation of electricity at a cost of $8.2 billion for no benefit.[23]

The cost of the California Cap and Trade scam is $450 billion over 10 years. The cost of abating the 1 C° warming by measures as cost-ineffective as California's policies would be $3,500 trillion, assuming 1 C climate sensitivity.[24]

Britain plans to spend £250 billion on windmills and back-up generators by 2020 to reduce CO_2 emissions, but they cause more CO_2 emissions than electricity generation by gas-fired turbines only.[25]

The wind power industry in Britain is costing over £1000 per year for every household.[26]

In Germany from 2000 to 2007, wind power delivered only 17% of its rated capacity.[27]

Biofuel policies caused 192,000 excess deaths from malnutrition and poverty in the developing world in 2010.[28]

In the US, 25% of the corn crop is turned into ethanol to fuel automobiles.[29]

In Ontario, solar and wind generated electricity cost up to 12 and 3 times that of electricity from natural gas-fired power plants, respectively.[30]

The world spent $240 billion reducing CO_2 emissions in 2010 and more than $1 trillion over the last ten years for no benefit while 1.3 billion people live in poverty without electricity.[31,32]

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