

## Good news about Climate Change

My name is Dr John McLean. Some of you might know me from a landmark study into the main temperature data used by the IPCC. The report, which was published in October, revealed more than 70 problem areas in that data.

Since then I've been looking at other climate data and **I have some good tidings and great joy for your Christmas or Holiday Season ...**

**Climate change is nowhere near as bad as some people have predicted or claimed.**

The amount of warming is tiny, regardless of what caused it, sea level isn't rising fast, Arctic ice still exists all year and food production is increasing rather than decreasing. Details can be found at <http://mclean.ch/climate/Xmas2018/> but here's a short summary:

1. According to the most accurate temperature data, since 1979 (that's almost 40 years ago) average global temperatures have risen about 0.4 Celsius (0.72 Fahrenheit). Most people wouldn't notice this temperature change if it occurred over 30 seconds, so over 40 years it's nothing.
2. The same temperature data shows that since 1998 there's been very little warming, this despite more than 1/3<sup>rd</sup> of the CO<sub>2</sub> emitted by man since 1958 occurring in the last 20 years. If we ignore the temperature spike in 2016, caused by a strong El Nino, the rate of warming is a tiny 0.4°C/100 years.
3. Temperature predictions from climate models far exceed the temperatures reported by observations. This means the models are not accurate and we should ignore their predictions and their estimates of the amount of man-made warming.
4. Sea level is NOT rising faster than it did 30 or more years ago. According to tidal gauges the average rise is just under 2mm/year. Unless you have very small hands, it will take

almost 100 years to rise the distance from the tips of your fingers to the other end of your hand. In the 1990s we were told that Kiribati, Tuvalu and Maldive islands would all soon shrink and disappear. Not only are they all still with us but many islands in the Pacific are increasing in size.

5. Several years ago, we were told that Arctic would be free of sea ice during summers very soon. Arctic ice conditions have been fairly stable for the last seven years and there's still ice there in summer.
6. We've often been told that higher temperatures will mean less food. The Food and Agriculture Organization of the United Nations (FOA) shows instead that annual production of four major food types - wheat, rice, coarse grains (all other cereals except wheat and rice, i.e. maize, barley, sorghum etc.) and meat – have all increased since 2001, and that's through some supposedly warm years.

**Data shows that the dire predictions about man-made warming are not happening. If there is any man-made warming at all then it's very small, and its impacts are tiny too.**

**Help spread this good news to all people by sending it to everyone in your email address book. Send copies to journalists and politicians because they also need to be told. See some tips below about how you might send it.**

Best wishes to you and yours,  
John McLean (PhD)