#### What Do We Really Know About Global Warming?

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### Defining terms – what do l mean by "global warming"?

...I don't mean <u>Mann</u>-made global warming, which is an example of statistical over-manipulation....



...and I don't mean Man-made *local* warming (which still exists in the thermometer data)....



Global Warming: The recent probable increase in global average surface temperature on multi-decadal time scales

# What do we really <u>know</u> about it? ALMOST NOTHING.

### We don't know...

- How strong it is
- What it's caused by
- Whether it makes severe weather worse
- When it started
- When it will end
- Whether it's "good" or "bad"



# - It *might* be caused by some combination of human activities and Mother Nature.

### "might be"?....(ha ha)...



### Nearly Every Century Might Experience Global Warming or Cooling

Temperature Reconstruction\* for N. Hemisphere, 1 - 2000 AD Shows Modern Warm Period Not Exceptional



Year AD

\*Ljungqvist, F.C. 2010. A new reconstruction of temperature variability in the extra-tropical Northern Hemisphere during the last two millennia. Geografiska Annaler: Physical Geography, Vol. 92 A(3), pp. 339-351, September 2010. DOI: 10.1111/j.1468-0459.2010.00399.x

#### <u>We know that IPCC *hindcasts* of warming have largely</u> failed, both for GLOBAL AVERAGE conditions...



#### ...and REGIONAL conditions.



#### We don't know whether it is causing worse drought conditions (probably not)

#### LONG-TERM CHANGES IN DROUGHT AREA IN THE WEST



## We don't know whether it's causing worse tornadoes (apparently not)



Enhanced Fujita scale for rating tornado strength.

## We don't know whether it's causing more tropical cyclone activity (apparently not)



Ryan Maue (WeatherBELL Analytics)

#### We don't know if it's causing less snow cover (apparently not)

January Northern Hemisphere Snow Cover Extent (1967-2014)



## We don't know if it's causing worse snowstorms (probably not)



Dec. 1947 snowstorm dumped 2 feet of snow on NYC.

## We DO know that global grain yields are increasing, despite warming...



### ...and that "global greening" has been occurring in recent decades...



We DO know that, even IF we are at fault, there's nothing much we can do about it anyway (without stopping most economic activity)



# We even know that the public is losing interest in climate change hysteria



Finally, we DO know that the alleged cause of warming, carbon dioxide, is necessary for life on Earth....

AND that nature gobbles up ½ of what we produce, no matter how much we produce....

So, given all of this evidence...<u>why</u> aren't scientists advocating producing MORE carbon dioxide? (dramatic pause...)

# **Because the driving** force behind the global warming debate isn't science.

~ The End ~