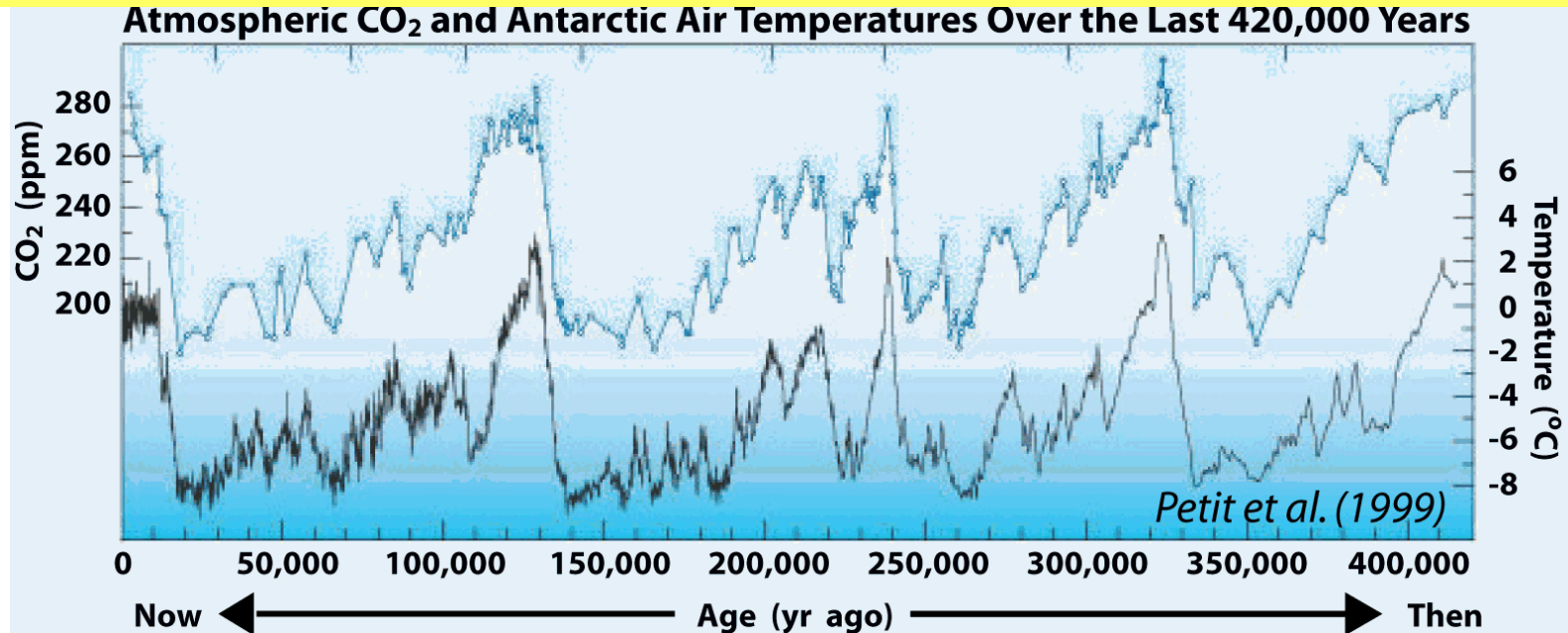


The Folly in Biden's Climate Summit

Facts and Measurements point out errors, outright lies.



Bob Endlich

bendlich@msn.com

Cruces Atmospheric Sciences Forum

15 May 2021

Outline

- Introduction
- Climate History, Human History, from Proxy Data, History
- “Existential Threat,” “Climate Crisis,” “Climate Emergency”
- The Human Condition is Improving. Rapidly.
- Confounding Data
- How Good Are the Models?
- Temperature Measurements don’t support the narrative. So, they change the measurements
- Solar, astronomical effects are driving climate change
- Folly: We’ll cut CO2 emissions by half since 2005 peak, by 2030.
- In the News
- Conclusion, from Dr Will Happer

Introduction

Biden held the virtual climate conference on Earth Day's anniversary.

Next charts shows some context of proclamations by climate prophets of the day, fifty-one years later.

1. Harvard biologist George Wald estimated that “civilization will end within 15 or 30 years unless immediate action is taken against problems facing mankind.”

2. “We are in an environmental crisis which threatens the survival of this nation, and of the world as a suitable place of human habitation,” wrote Washington University biologist Barry Commoner in the Earth Day issue of the scholarly journal *Environment*.

3. The day after the first Earth Day, the New York Times editorial page warned, “Man must stop pollution and conserve his resources, not merely to enhance existence but to save the race from intolerable deterioration and possible extinction.”

4. “Population will inevitably and completely outstrip whatever small increases in food supplies we make,” Paul Ehrlich confidently declared in the April 1970 issue of *Mademoiselle*. “The death rate will increase until at least 100-200 million people per year will be starving to death during the next ten years.”



ACTUAL CLIMATE CHANGE PRONOUNCEMENTS

by Scientists: A brief recap

1970

WE'LL
BE IN
AN ICE
AGE BY
2000!



1976

GLOBAL
COOLING
WILL CAUSE
A WORLD
WAR BY
2000!



1989

GLOBAL WARMING
AND RISING SEA
LEVELS WILL WIPE
ENTIRE NATIONS
OFF THE MAP
BY 2000!



1990

WE HAVE
FIVE TO TEN
YEARS TO
SAVE THE
RAINFORESTS!



1999

THE HIMALAYAN
GLACIERS WILL
BE GONE IN
TEN YEARS!



2000

SNOW WILL
SOON BE A
THING OF
THE PAST!



2007

GLOBAL
WARMING
WILL CAUSE
FEWER
HURRICANES!



2008

THE ARCTIC
WILL BE
ICE-FREE
BY 2013!



2012

GLOBAL
WARMING
WILL CAUSE
MORE
HURRICANES!



2014

THE
SCIENCE
IS
SETTLED!



<https://www.thegwpf.com/on-earth-day-none-of-its-gloomy-predictions-have-come-to-pass/>

NOT A SINGLE ENVIRONMENTAL PREDICTION OF THE LAST 50 YEARS HAS COME TRUE EARTH DAY 1970



THE GLOBAL TEMPERATURE WILL BE 4° COLDER BY 1990
AND 11° COLDER BY 2000

CIVILISATION WILL END WITHIN 15 or 30 YEARS

POPULATION WILL OUTSTRIP ANY
SMALL INCREASES IN FOOD SUPPLIES

IN A DECADE URBAN DWELLERS
WILL HAVE TO WEAR GAS MASKS
TO SURVIVE AIR POLLUTION
WHICH WILL BLOCK OUT
HALF THE SUNLIGHT

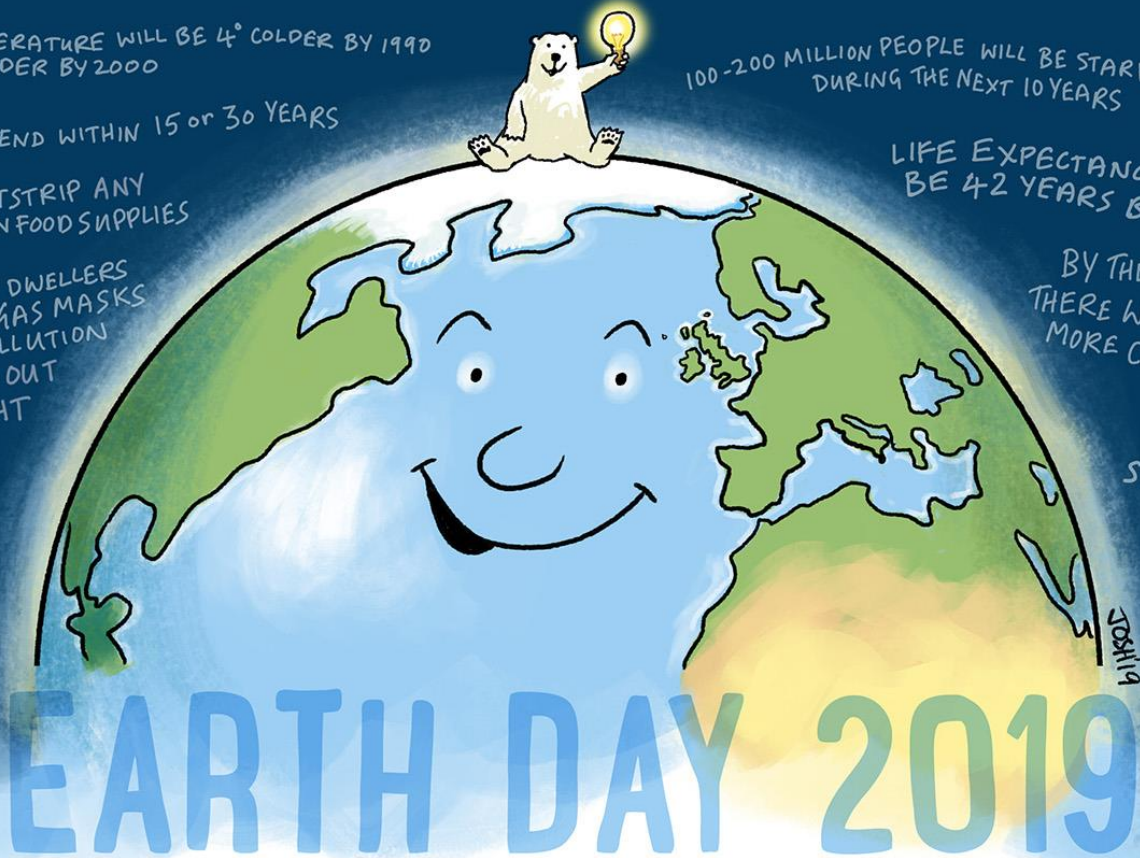
CHILDBEARING
WILL BE A
CRIME

100-200 MILLION PEOPLE WILL BE STARVING TO DEATH
DURING THE NEXT 10 YEARS

LIFE EXPECTANCY WILL
BE 42 YEARS BY 1980

BY THE YEAR 2000
THERE WON'T BE ANY
MORE CRUDE OIL

FISH WILL
SUFFOCATE



EARTH DAY 2019

- CIVILISATION STILL EXISTS • LIFE EXPECTANCY HAS INCREASED BY 30% TO 72 • EXTREME POVERTY HAS HALVED
- INFANT MORTALITY HAS DECREASED BY 72% • AIR POLLUTION HAS SHARPLY DECLINED
- FOOD HAS INCREASED FROM 2,300 CAL. PER PERSON A DAY TO 2,800 DESPITE POPULATION INCREASE
- CHINA ENDED ITS ONE CHILD POLICY LAST YEAR • US OIL & GAS ARE AT THEIR HIGHEST LEVELS SINCE 1972
- AND THE US CONTROLS THE WORLD'S LARGEST UNTAPPED RESERVES • WORLD DEMOCRACY HAS RISEN 536%
- AVERAGE SCHOOLING HAS INCREASED FROM 3.9 TO 8.4 YEARS, A 115% INCREASE

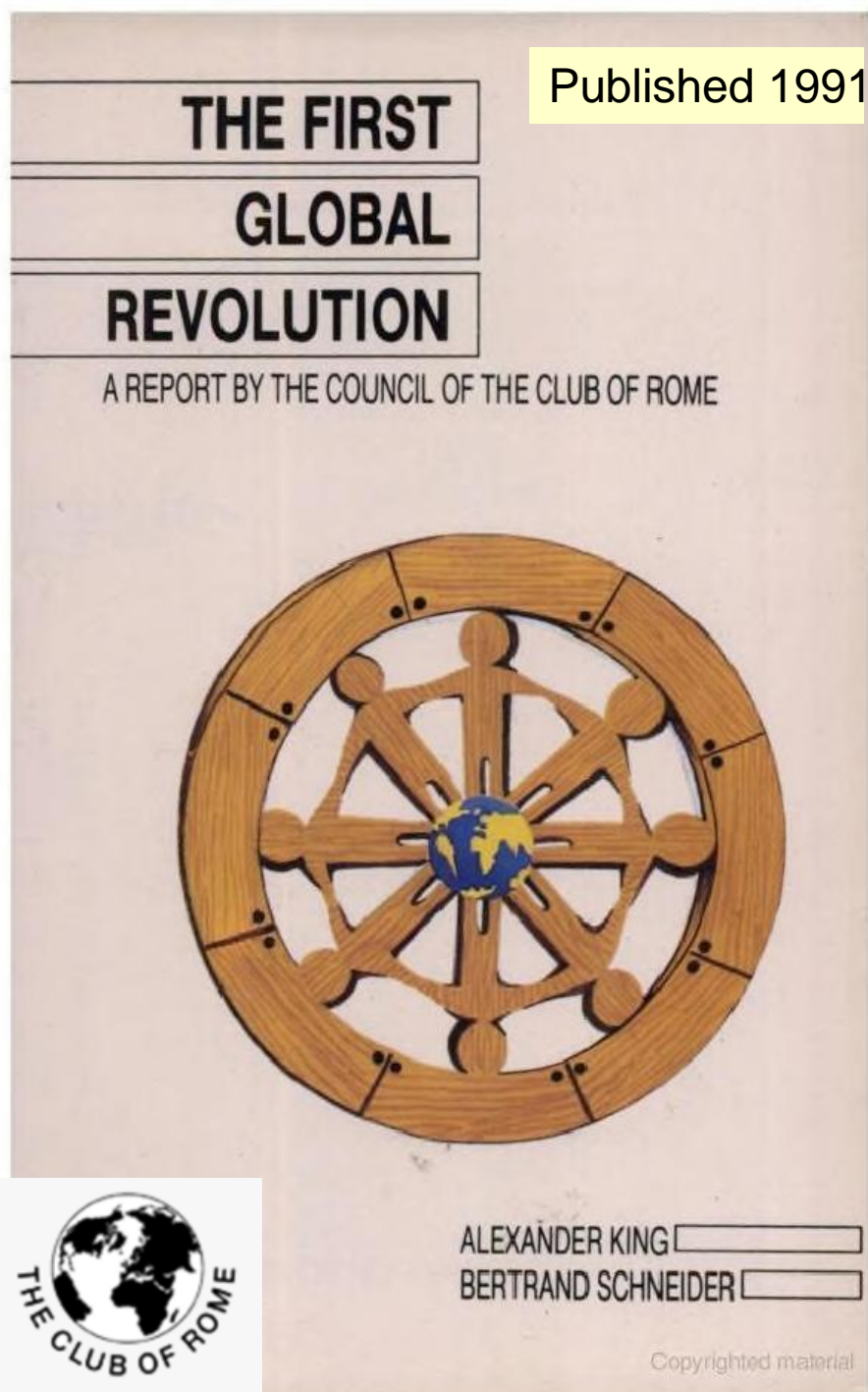
“In recent years, scientists have underscored the need to limit planetary warming to 1.5 degrees Celsius in order to stave off the worst impacts of climate change. A key goal of both the Leaders Summit and COP26 will be to catalyze efforts that keep that 1.5-degree goal within reach. The Summit will also highlight examples of how enhanced climate ambition will create good paying jobs, advance innovative technologies, and help vulnerable countries adapt to climate impacts.”

Underlining added.

We will see that this politically-inspired limit is without scientific merit.

This is all part of a Socialist Plot to harm the West by undermining the Free Market, promulgated by The Club of Rome, others.

We discussed this in ***The Deliberate Corruption of Climate Science***, presentation of 21 Feb 2015 based on the book of the same title by Tim Ball



Published 1991

The Club of Rome's fingerprints are all over "Global Warming" as an agenda cause.

from Page 75, this smoking gun:

"In searching for a common enemy against whom we can unite, we came up with the idea that pollution, the threat of global warming, water shortages, famine and the like would fit the bill.

...these phenomena do constitute a common threat which must be confronted by everyone together...

...these dangers are caused by *human* intervention in natural processes...

The real enemy then is humanity itself."

In a Sunday <18 Apr 2021> interview with the New York Times, Kerry stressed the importance of creating separate discussion tracks to prevent disputes in other areas from derailing bilateral progress in reducing carbon emissions.

“It’s very important for us to keep those other things away, because climate is a life-or-death issue in so many different parts of the world,” Kerry said.

“What we need to do is prove we can actually get together, sit down and work on some things constructively.”

Paragraphing, bolding, underlining added



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[Opinion]



Barrasso: China's goal is domination, not cooperation. It's playing Biden and America for fools.

China pretends it's a developing country, steals technology, uses forced labor and manipulates markets to its advantage. It's a grand deception.

John Barrasso Opinion contributor

Published 3:15 a.m. ET Apr. 30, 2021



China has a well-deserved reputation for deceit.

That's what makes a recent statement from China's Vice Foreign Minister Le Yucheng so remarkable: It is honest. He said it's "not realistic" to expect China to make a new pledge to reduce greenhouse gas emissions.

There's every reason to believe him, but the Biden administration is ignoring reality.

Biden climate czar John Kerry says zero US emissions won't make a difference

We could go to zero tomorrow and the problem isn't solved.

WHITE HOUSE BRIEFING

JOHN KERRY

Special Presidential Envoy for Climate



0:18 / 0:46



AdChoices

<https://www.whitehouse.gov/briefing-room/statements-releases/2021/04/22/fact-sheet-president-biden-sets-2030-greenhouse-gas-pollution-reduction-target-aimed-at-creating-good-paying-union-jobs-and-securing-u-s-leadership-on-clean-energy-technologies/>

“Today, President Biden will announce a new target for the United States to achieve a 50-52 percent reduction from 2005 levels in economy-wide net greenhouse gas pollution in 2030 – building on progress to-date and by positioning American workers and industry to tackle the climate crisis. ”

Bob Comments: We will discuss this more in the section, “In The News.”

The most common greenhouse gases are water vapor and carbon dioxide.

When the newest baby takes its first breath, it inhales Oxygen and exhales Carbon Dioxide.

This allows us to survive and thrive; it pertains to almost all animals with which we share this earth.

Carbon Dioxide is also the byproduct of combustion of fossil fuels. It is the same compound.

To call this compound “greenhouse gas pollution” is a mis-statement of fact of the highest order.

Or it is calling human life itself the source of “pollution.” (which parrots the Club of Rome)

Or it portrays extreme ignorance of the facts of life on this planet by the President himself.

“The fact is that even if every single American citizen biked to work, carpooled to school, used only solar panels to power their homes – if we each planted a dozen trees – if we somehow eliminated all of our domestic greenhouse gas emissions – guess what?

That still wouldn't be enough to offset the carbon pollution coming from the rest of the world.

If all the industrialized nations went down to zero emissions – remember what I just said – all the industrial nations went down to zero emissions, it wouldn't be enough – not when more than 65 percent of the world's carbon pollution comes from the developing world.”

World fossil carbon dioxide emission 1970-2018

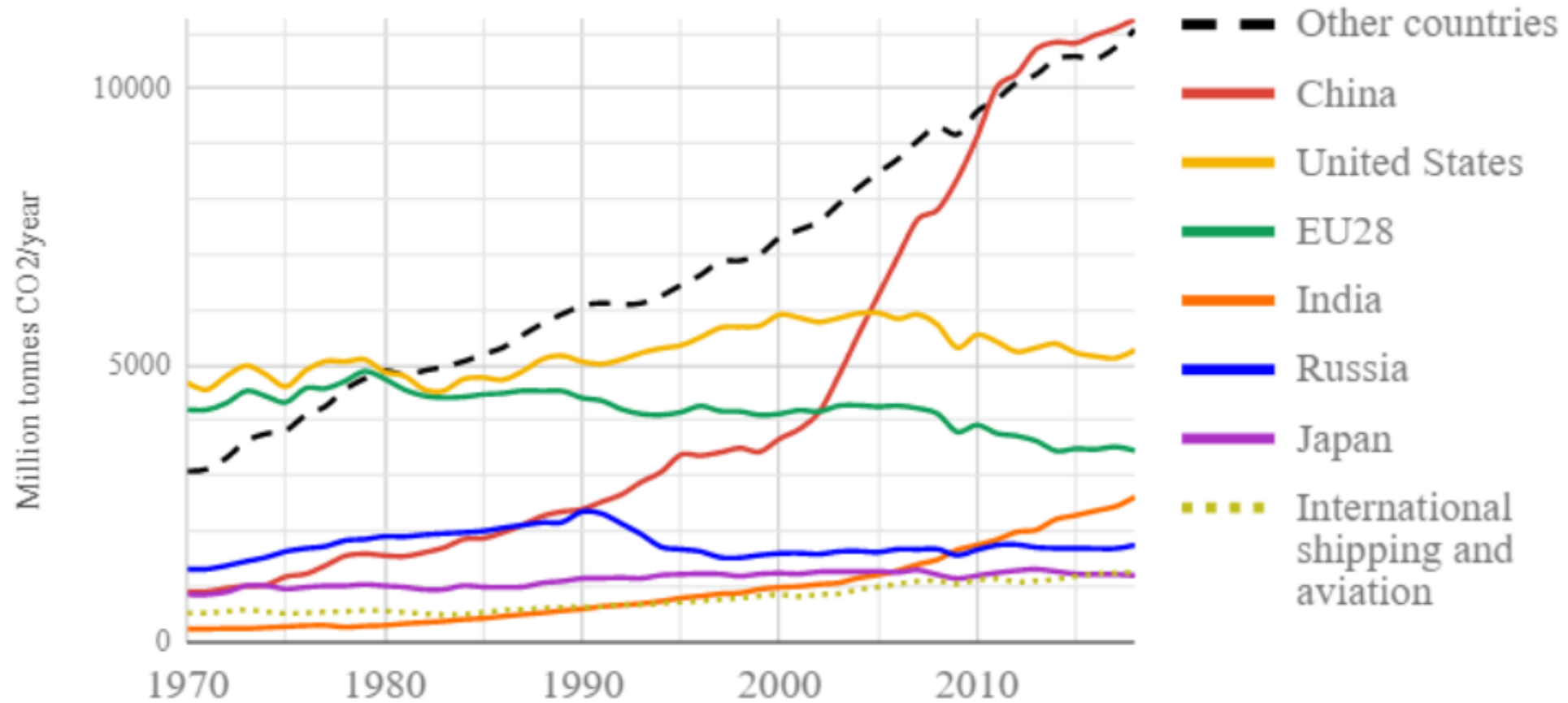


Figure 1 – World fossil carbon dioxide emissions 1970 to 2018, with the six top emitting countries and confederations. Data source: EDGAR – Emissions database for Global Atmospheric Research. Published in: Crippa, M., Oreggioni, G., Guizzardi, D., Muntean, M., Schaaf, E., Lo Vullo, E., Solazzo, E., Monforti-Ferrario, F., Olivier, J.G.J., Vignati, E., Fossil CO2 and GHG emissions of all world countries – 2019 Report, EUR 29849 EN, Publications Office of the European Union, Luxembourg, ISBN 978-92-76-11100-9, doi:10.2760/687800, JRC117610, September 2019.

Biden Climate Envoy John Kerry: “We Need to Get Carbon Dioxide Out of the Atmosphere” (VIDEO)

By Cristina Laila

Published April 22, 2021 at 12:50pm

1410 Comments

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The President (and his climate Czar John Kerry) are acutely unaware that during the Last Glacial Maximum, as recently as 23,000 years ago, vegetation was carbon-dioxide starved.

If atmospheric carbon dioxide levels get too low, the plants will die.

All animal life, including ourselves, depend on plants for our carbohydrates to survive.

If the plants die, we will all die.

Biden Climate Envoy John Kerry: “We Need to Get Carbon Dioxide Out of the Atmosphere” (VIDEO)

The President and his Climate Czar appear to want to commit suicide, and commit us to the same fate.

No Thank You.

Carbon starvation in glacial trees recovered from the La Brea tar pits, southern California

Joy K. Ward^{*,†}, John M. Harris[§], Thure E. Cerling^{†,¶}, Alex Wiedenhoeft[‡], Michael J. Lott[†], Maria-Denise Dearing[†], Joan B. Coltrain^{**}, and James R. Ehleringer[†]

^{*}Department of Ecology and Evolutionary Biology, University of Kansas, 1200 Sunnyside Avenue, Lawrence, KS 66045; [†]Department of Biology, University of Utah, 257 South 1400 East, Salt Lake City, UT 84112-0840; [§]The George C. Page Museum of La Brea Discoveries, 5801 Wilshire Boulevard, Los Angeles, CA 90036; [‡]Department of Geology and Geophysics, University of Utah, 135 South 1460 East, Salt Lake City, UT 84112; [‡]Forest Products Laboratory, U.S. Department of Agriculture Forest Service, One Gifford Pinchot Drive, Madison, WI 53726-2398; and ^{**}Department of Anthropology, University of Utah, 270 South 1400 East, Salt Lake City, UT 84112

... Rancho La Brea tar pit fossil collection includes *Juniperus* (C3) wood specimens that ¹⁴C date between 7.7 and 55 thousand years(kyr) B.P., providing a constrained record of plant response for southern California during the last glacial period...

... Atmospheric CO₂ concentration ([CO₂]) ranged between 180 and 220 PPM during glacial periods, rose to 280 PPM before the industrial period, and is currently approaching 380 PPM in the modern atmosphere...

... glacial trees... indicate.. that glacial trees were undergoing carbon starvation.

Climate History, Human History, from Proxy Data,
and History

We display longer to shorter time periods

Time Domain: Last 600 million years

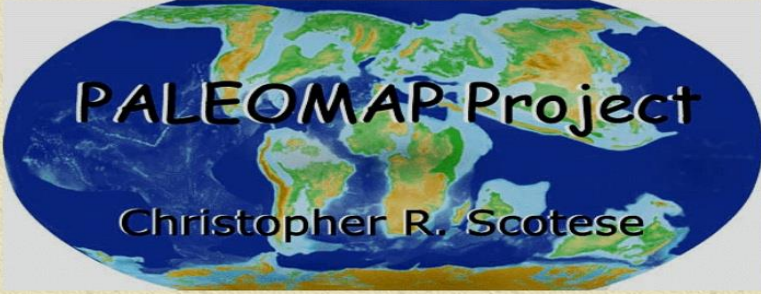
Since the Cambrian “explosion of life” across Ocean floors

- When fossils became common
- When CO_2 was about 7000 parts per million compared with 412 PPM today.

References for Temperature and Carbon Dioxide data

<http://www.scotese.com/>

<http://ajsonline.org/content/301/2/182.abstract>



PALEOMAP Project
Christopher R. Scotese

Site Map
Earth History
Climate History
Research
Software
Order Form
Credits

Sci/Tech WebAwards 2001
SCIENTIFICAMERICAN.COM

Selected by Science Education
SCI LINKS
From NSTA

SCIENTIFIC AMERICAN
2002
SCI-TECH
WEB AWARDS

Goal of the PALEOMAP Project

✳ The goal of the PALEOMAP Project is to illustrate the plate tectonic development of the ocean basins and continents, as well as the changing distribution of land and sea during the past 1100 million years.

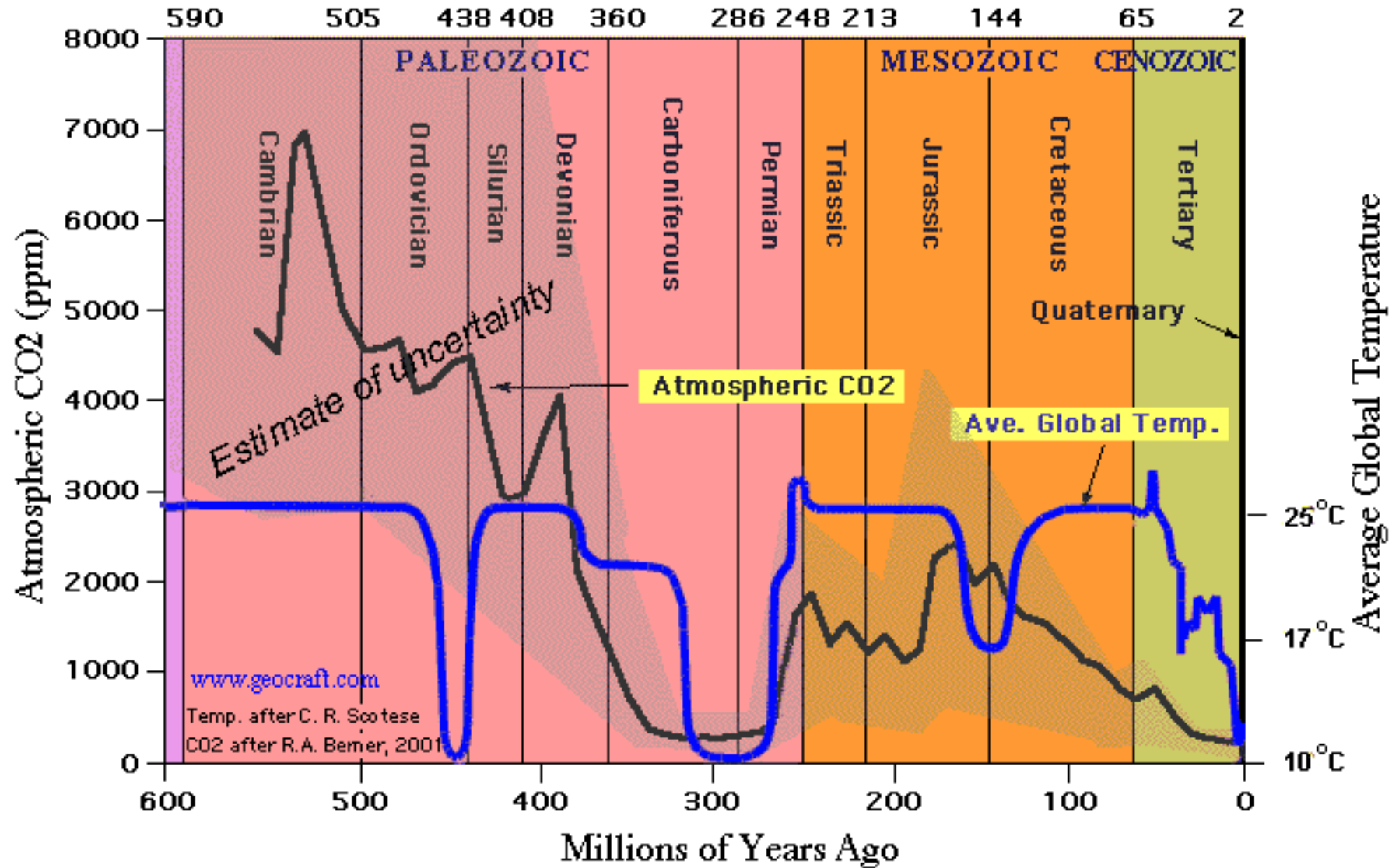
[AMERICAN JOURNAL OF SCIENCE, VOL. 301, FEBRUARY, 2001, P. 182-204]

GEOCARB III: A REVISED MODEL OF ATMOSPHERIC CO₂ OVER PHANEROZOIC TIME

ROBERT A. BERNER and ZAVARETH KOTHAVALA

Department of Geology and Geophysics, Yale University,
New Haven, Connecticut 06520-8109

ABSTRACT. Revision of the GEOCARB model (Berner, 1991, 1994) for paleolevels of atmospheric CO₂, has been made with emphasis on factors affecting CO₂ uptake by continental weathering. This includes: (1) new GCM (general circulation model)

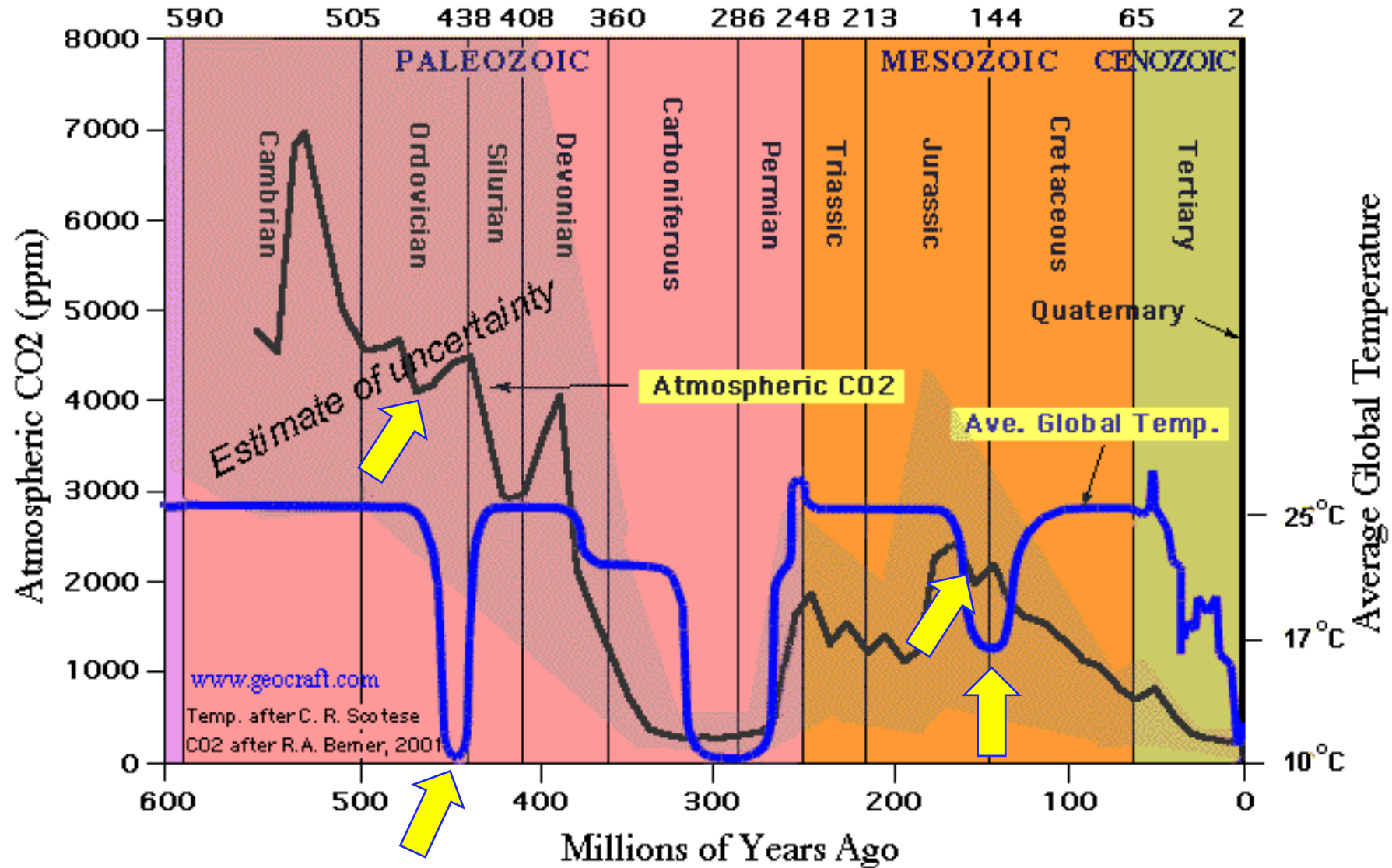


X-Axis Time: Cambrian 600 MY ago Left

Present time on Right

Y-Axis Blue Average Global Temperature, Scotese Paleomap Project [Climate](#) Tab

Y-Axis Black Atmospheric <CO₂> Berner & Kothavala, Am J. Sci., 2001, p 182-204



Take-aways from this chart:

We are today near the minimum of temperature and carbon dioxide.

The yellow arrows show times when <CO2> increased, yet temperatures decreased.

Data from the Vostok Ice Cores, Antarctica

Time Domain: ~ Last Half-Million Years

Interglacials

Holocene

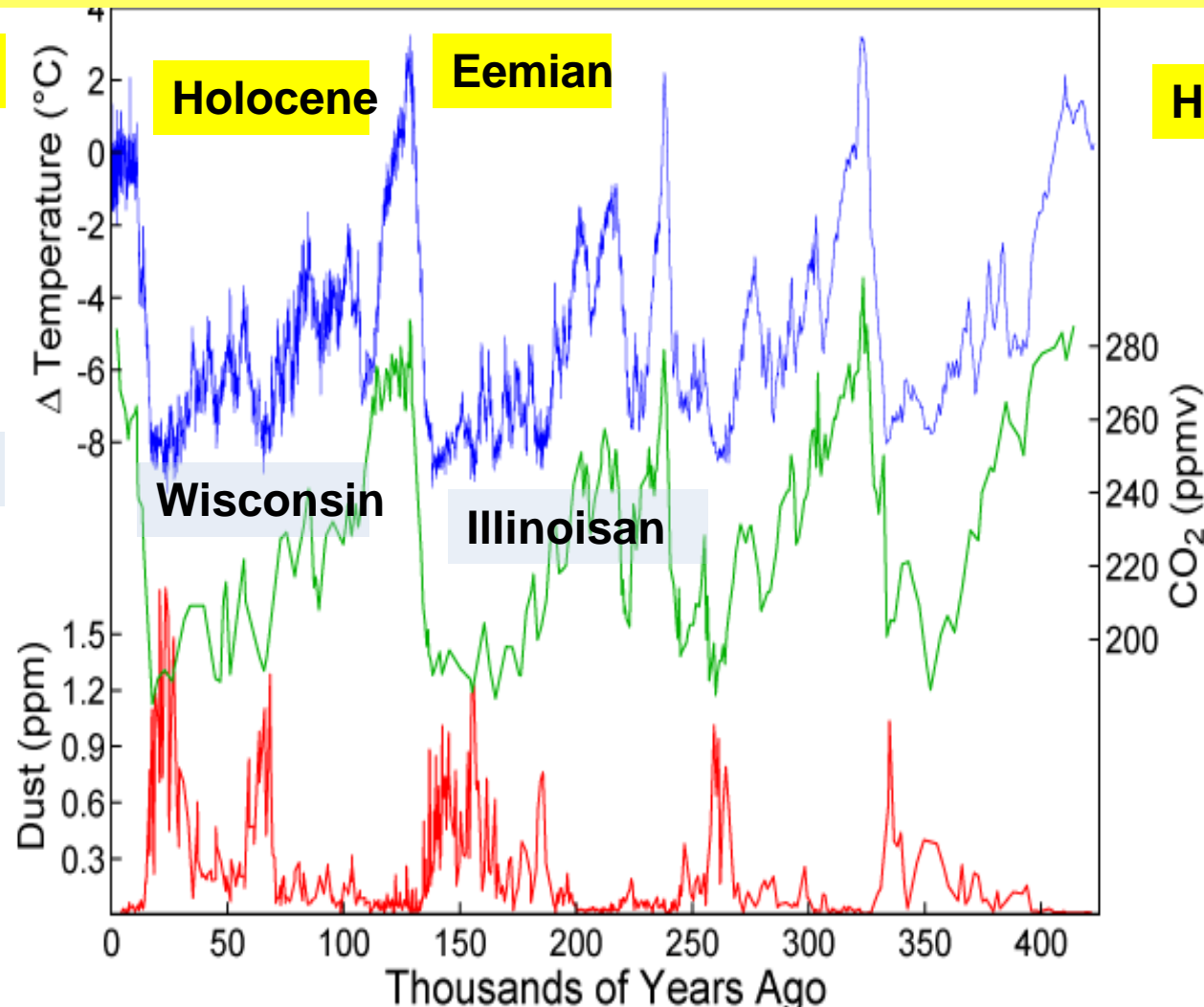
Eemian

Holstein

Glacials

Wisconsin

Illinoisan



X-Axis: Time Present Time, Left

450,000 years BP, Right

Y-Axis: Blue Temperature difference “anomaly” from mean, last 10K yrs

Y-Axis: Green, Scale on Right, atmospheric <CO₂>

0 = Mean Temp

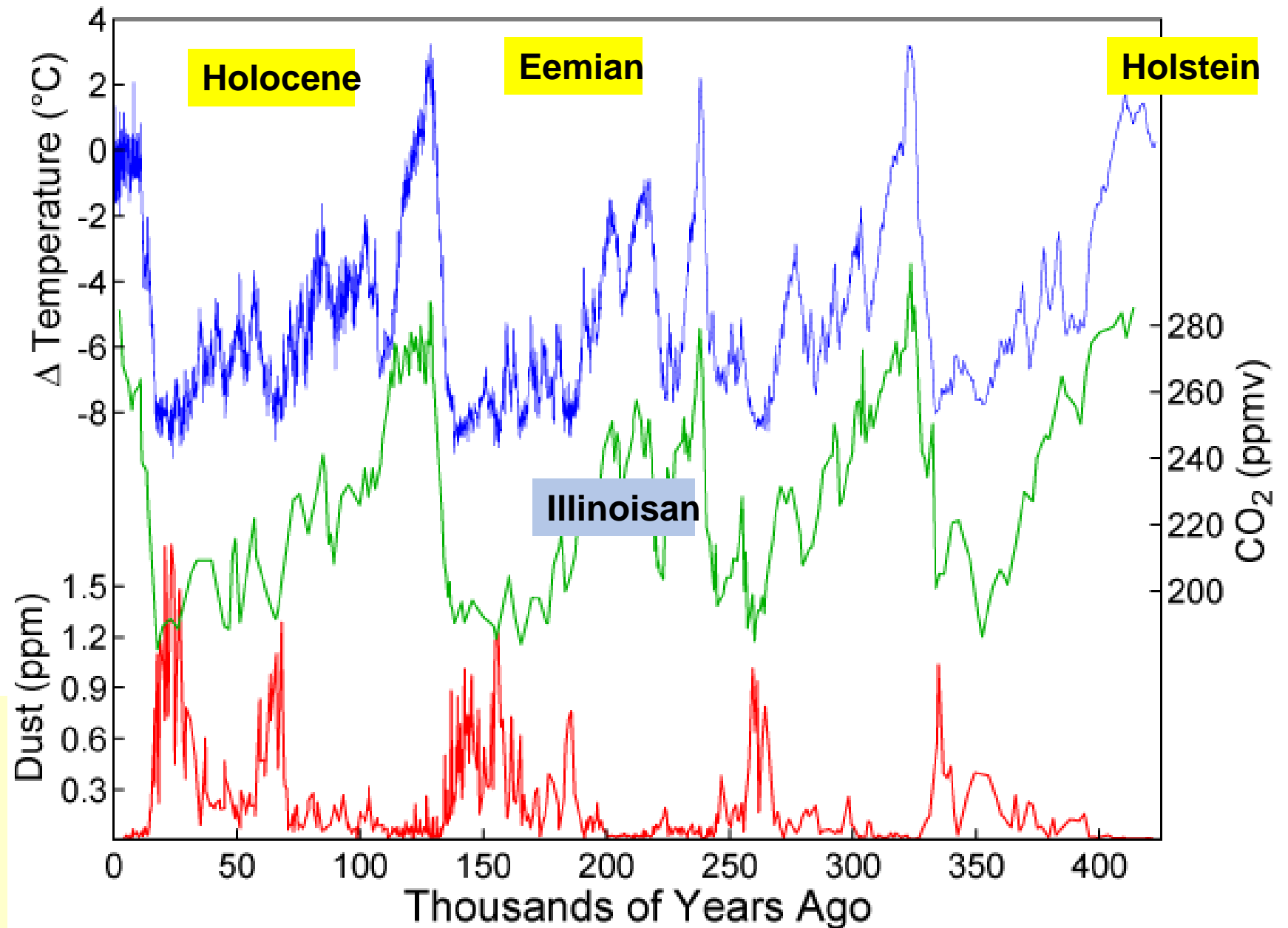
Blue = Temperature

Green = <CO₂>

Red = <Dust>

Notice <CO₂> never exceeded 280 PPM

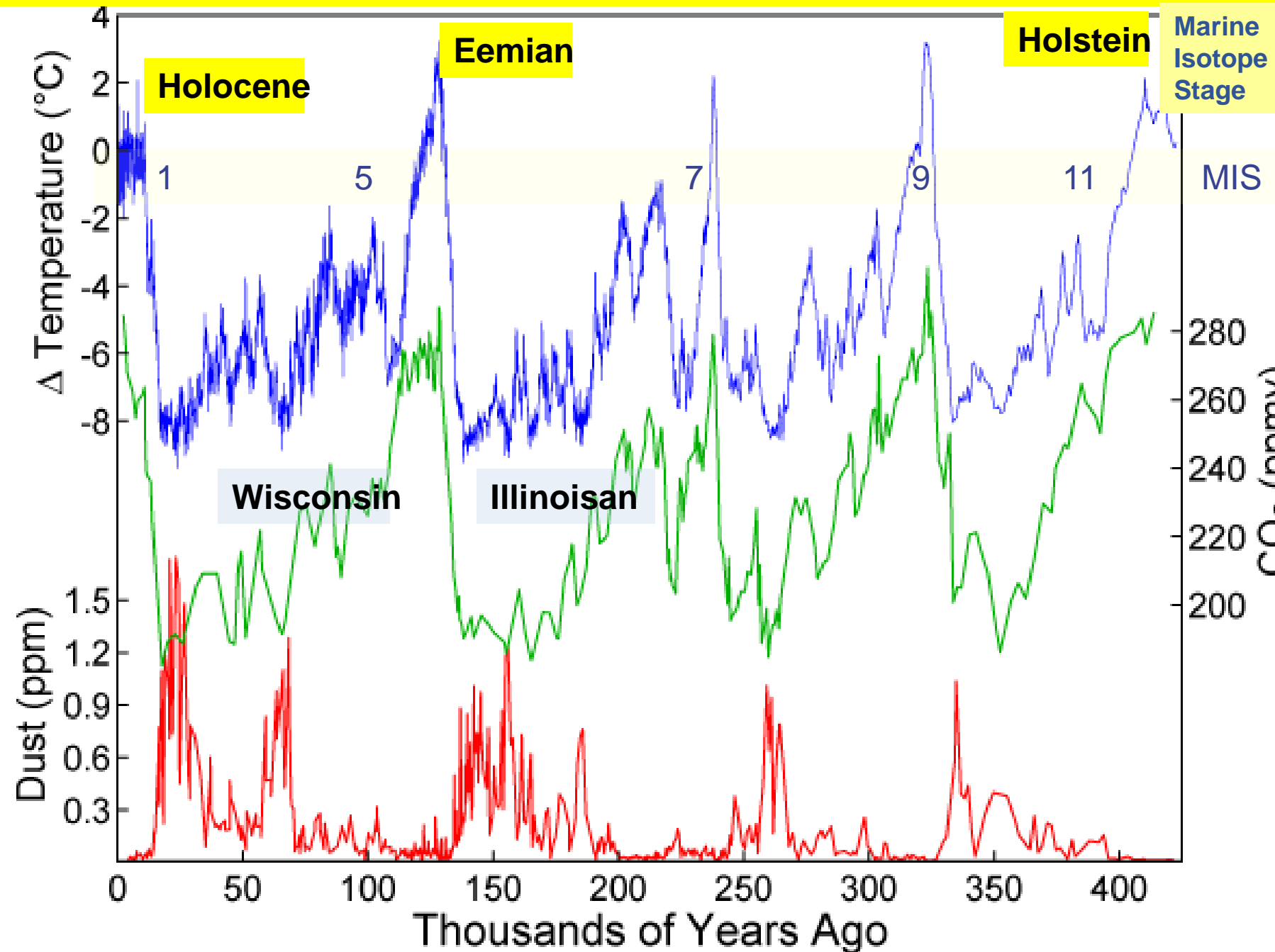
These are the very same Vostok Ice core data Al Gore mentions in his film, 'inconvenient truth.'



There have been FIVE interglacials in the past 400,000 years.

THIS ONE, the Holocene, is the COOLEST, but now has the HIGHEST $\langle \text{CO}_2 \rangle$, at 416 PPM.

We will soon use the Marine Isotope Stage interglacials in terms of human history.



Letter <http://www.nature.com/nature/journal/v462/n7271/abs/nature08564.html>

Nature **462**, 342–345 (19 November 2009) | doi:10.1038/nature08564; Received 9 October 2008;
Accepted 5 October 2009

Evidence for warmer interglacials in East Antarctic ice cores

L. C. Sime¹, E. W. Wolff¹, K. I. C. Oliver^{2,4} & J. C. Tindall³

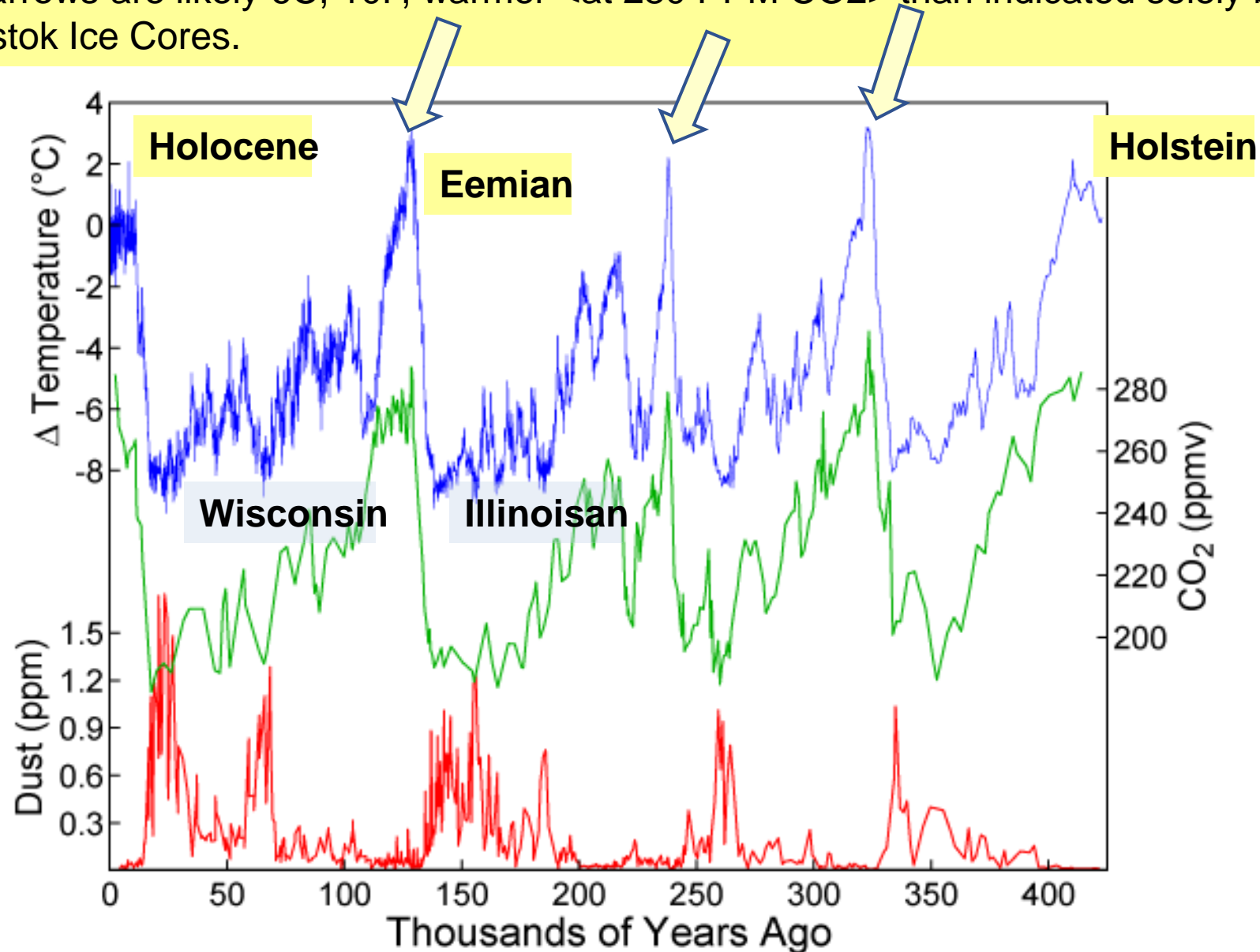
Three East Antarctica Ice Cores from the past 340,000 years.

“We conclude that previous temperature estimates from interglacial climates are likely to be too low.

The available evidence is consistent with a peak Antarctic interglacial temperature that was at least 6 K higher than that of the present day

—approximately double the widely quoted 3–1.5 K (refs [5](#), [6](#)).”

Previous *Nature Letter* says there is evidence that the three interglacials shown with yellow arrows are likely 6C, 10F, warmer <at 280 PPM CO₂> than indicated solely by the Vostok Ice Cores.





Article Talk

<http://en.wikipedia.org/wiki/Eemian>

Read

Edit

View history

Eemian Previous Interglacial, 130,000 years ago.

From Wikipedia, the free encyclopedia

Temperature: perhaps 6C (10F) warmer than mean of the Holocene

CO2: 280 PPM

Sea Level 4 to 6 m higher than present Sea Level

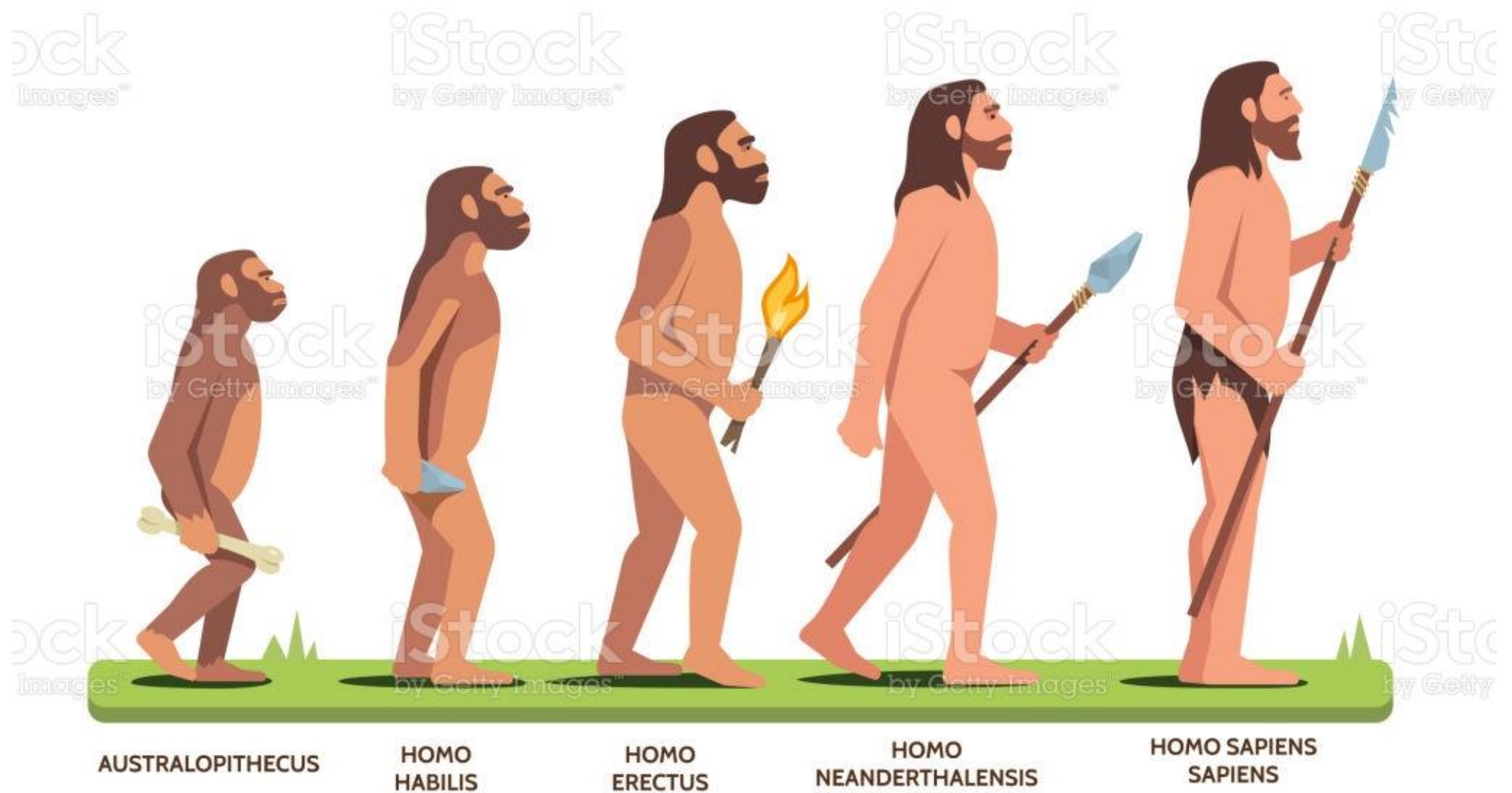
Features: The [hippopotamus](#) was distributed as far north as the rivers [Rhine](#) and [Thames](#)

Forests reached as far north as [North Cape, Norway](#) (which is now [tundra](#)) well above the Arctic Circle.

Greenland ice core site [Dye 3](#) was glaciated during the Eemian, implies Greenland could have contributed at most 2 m (6.6 ft) to [sea level rise](#).

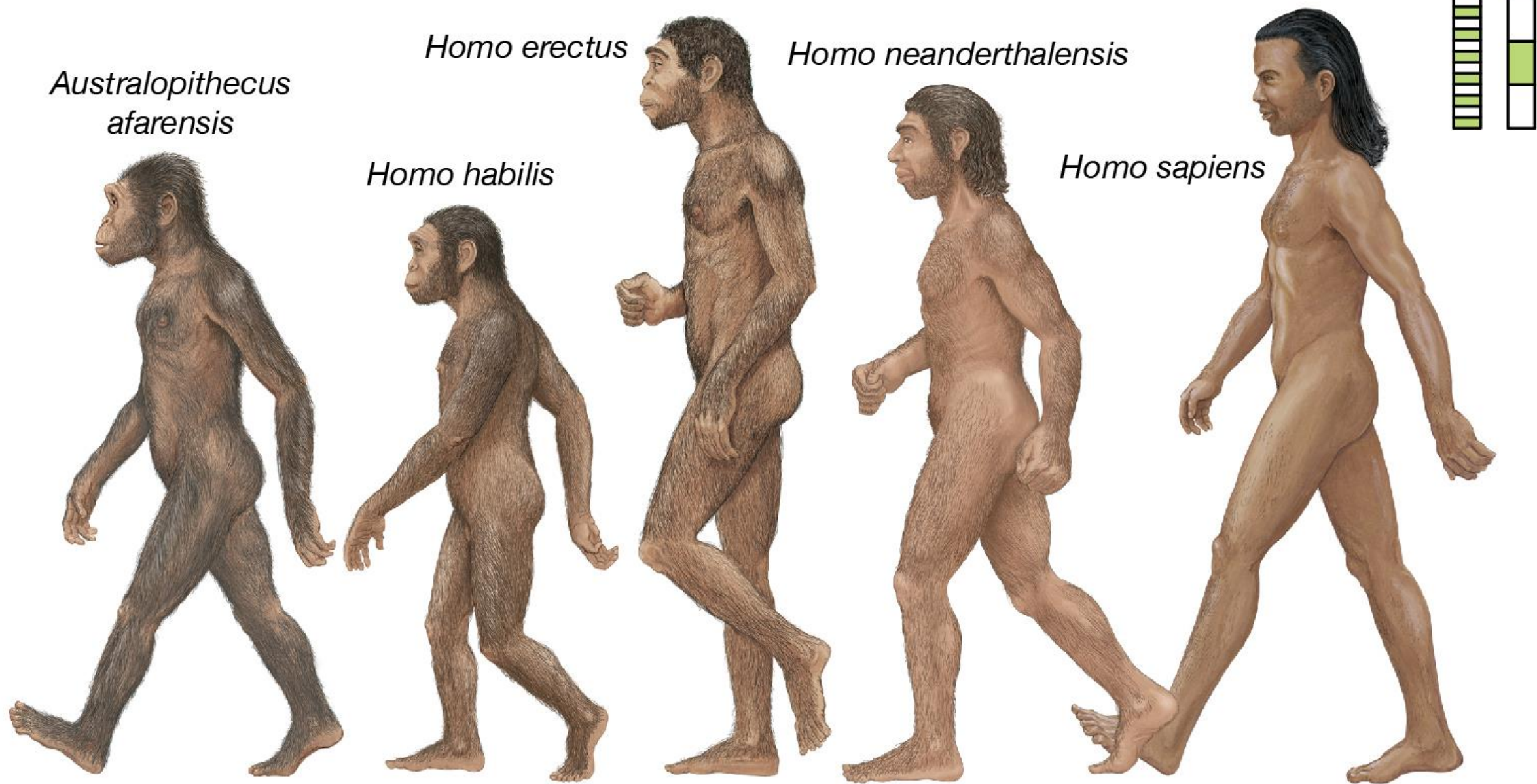
[Scandinavia](#) was an island due to the inundation of vast areas of [northern Europe](#) and the [West Siberian Plain](#).

Next images show our knowledge of human history based on latest research. This, from Wikipedia



The human lineage

from Encyclopedia Britannica

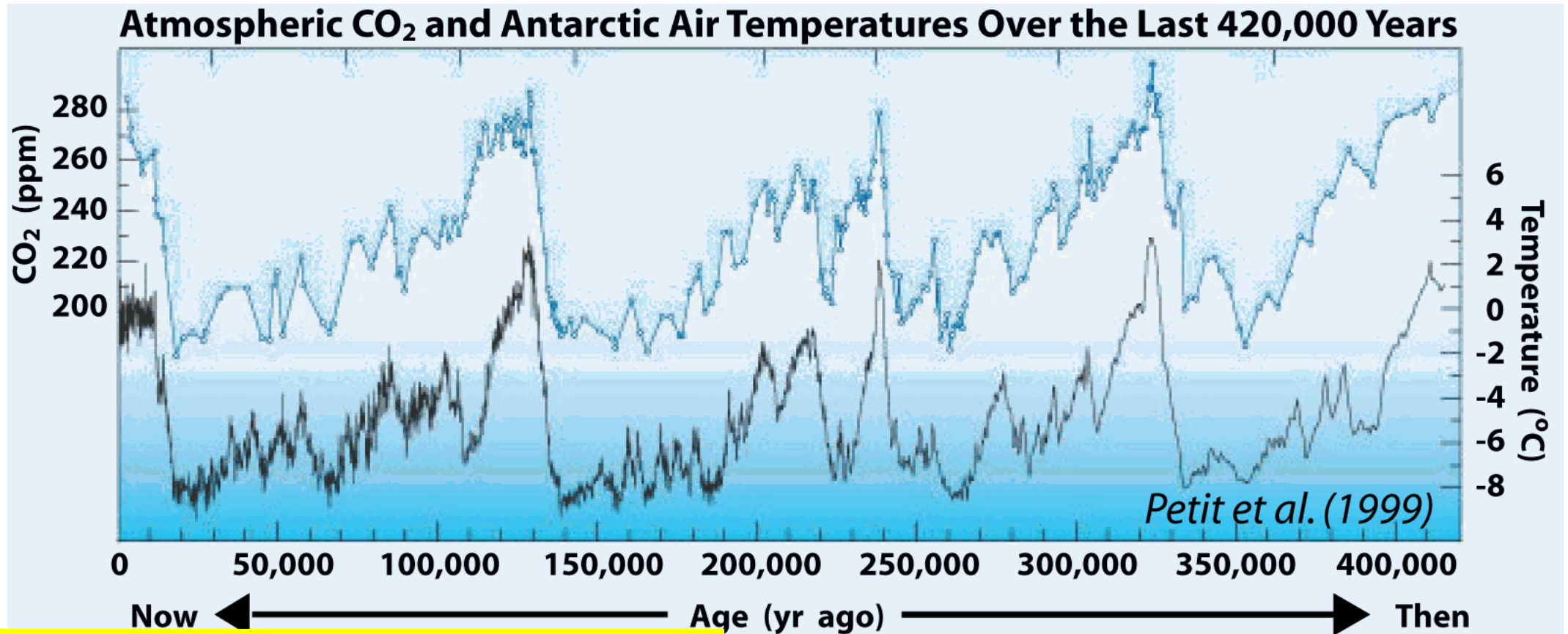


Homo Sapiens



Homo Sapiens Neanderthalensis





Climate History and Human History Time-Lines

<https://www.nature.com/articles/s41586-019-1863-2>

Homo Erectus



<https://www.inverse.com/science/neanderthal-extinction-timeline-study>

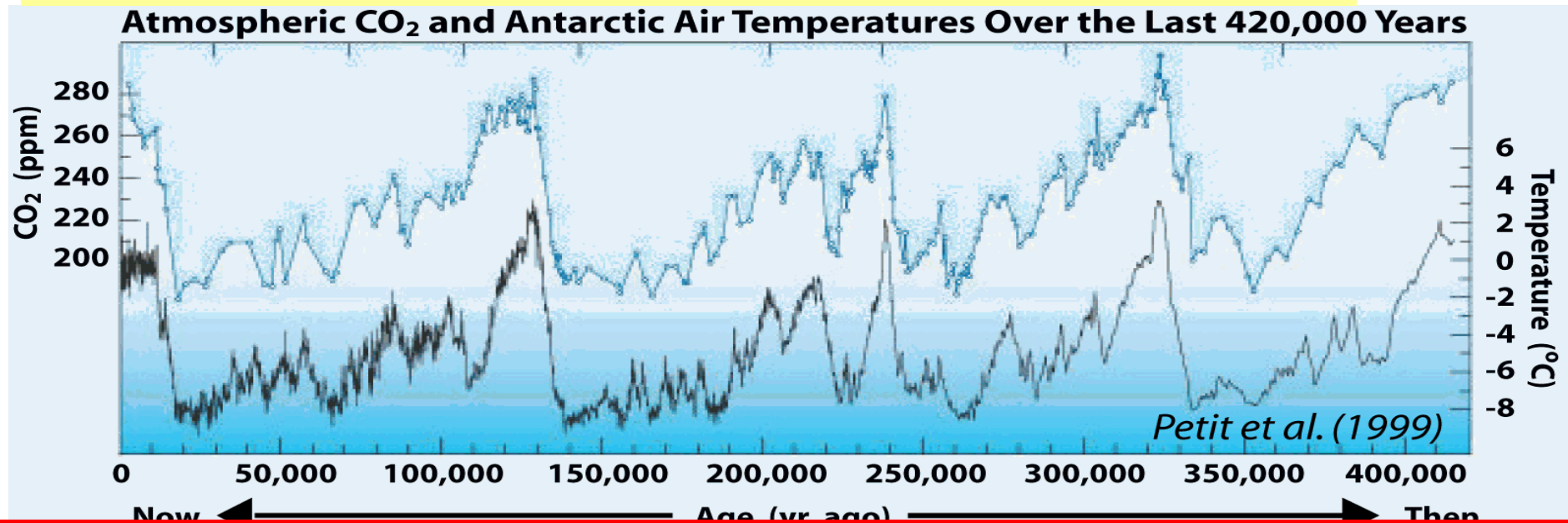
Homo Sapiens Neanderthalensis



Homo Sapiens



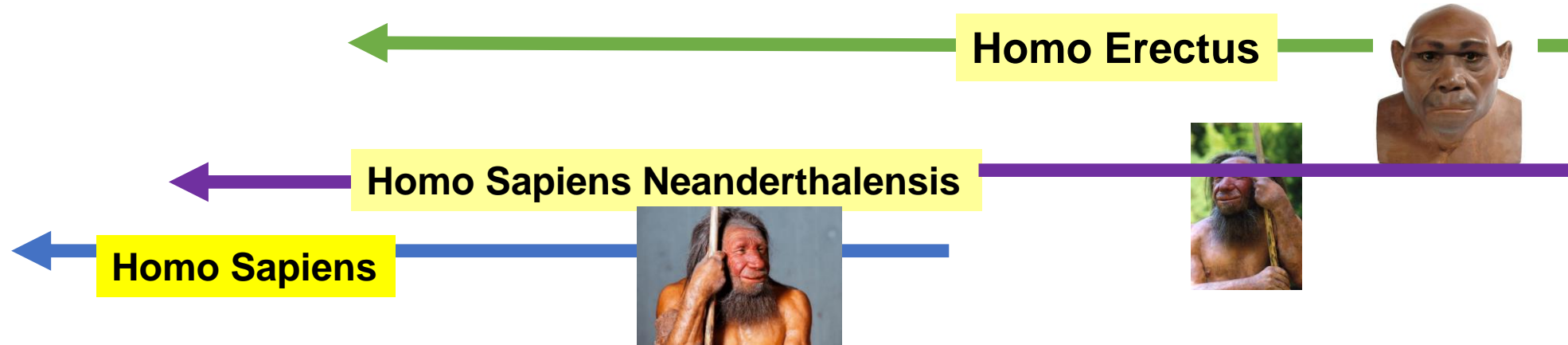
<https://humanorigins.si.edu/evidence/human-fossils/species/homo-sapiens>

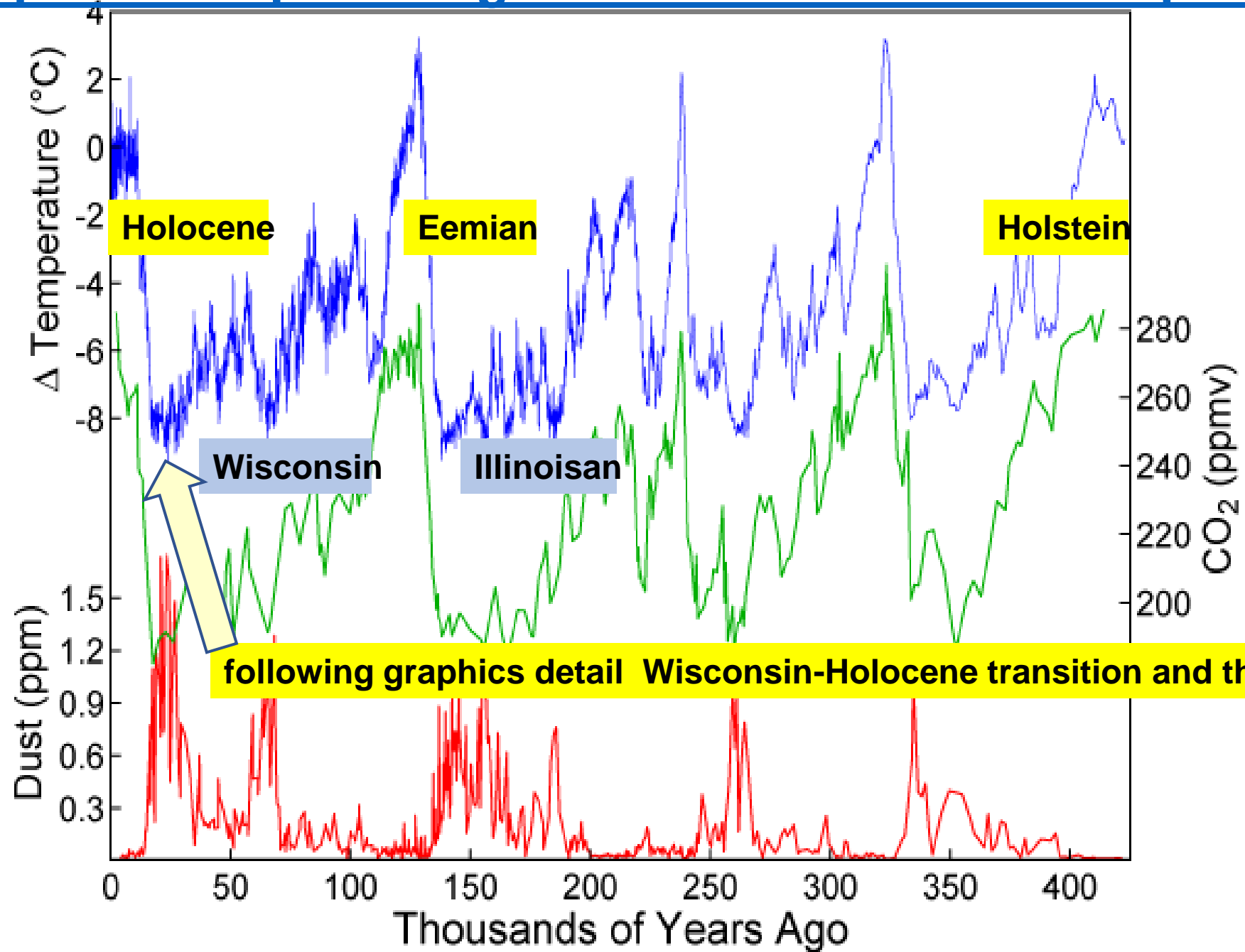


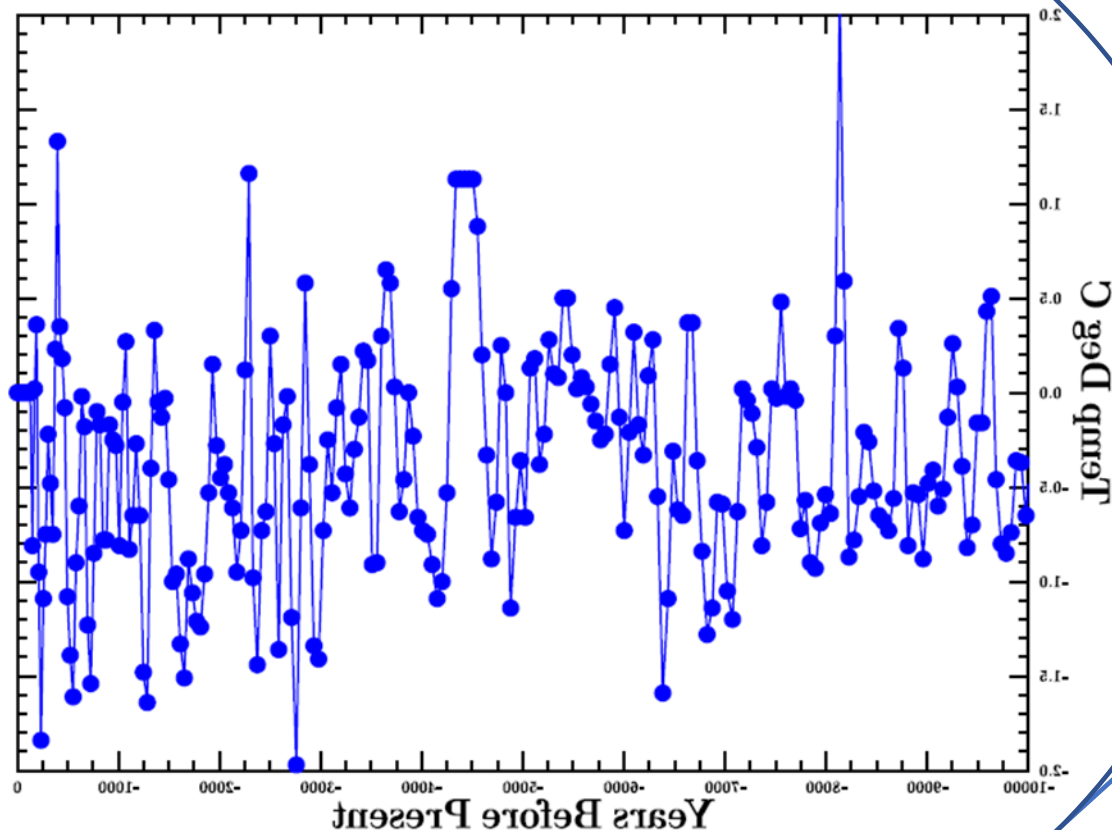
How can the present rate of climate change be a “Climate Emergency” and “An Existential Threat,” when present temperatures are not nearly as warm as 1000, 2000 and 8000 years ago?

When Homo Sapiens survived MIS 5 (Eemian), 130,000 years ago, and MIS 7, 250,000 years ago?

When Neanderthals survived MIS 5, MIS 7, MIS 9, and MIS 11? **and MIS 5, 7, 9 were even warmer than shown!**

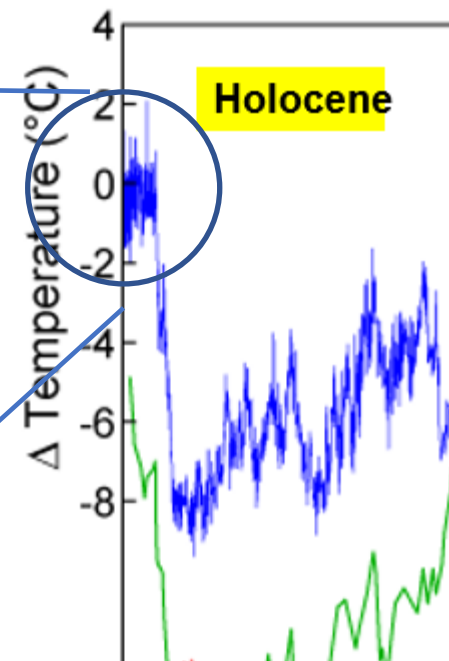






Now

10,000 Years Ago



Y-Axis Delta Temp Deg C.

X-Axis Years before Present.

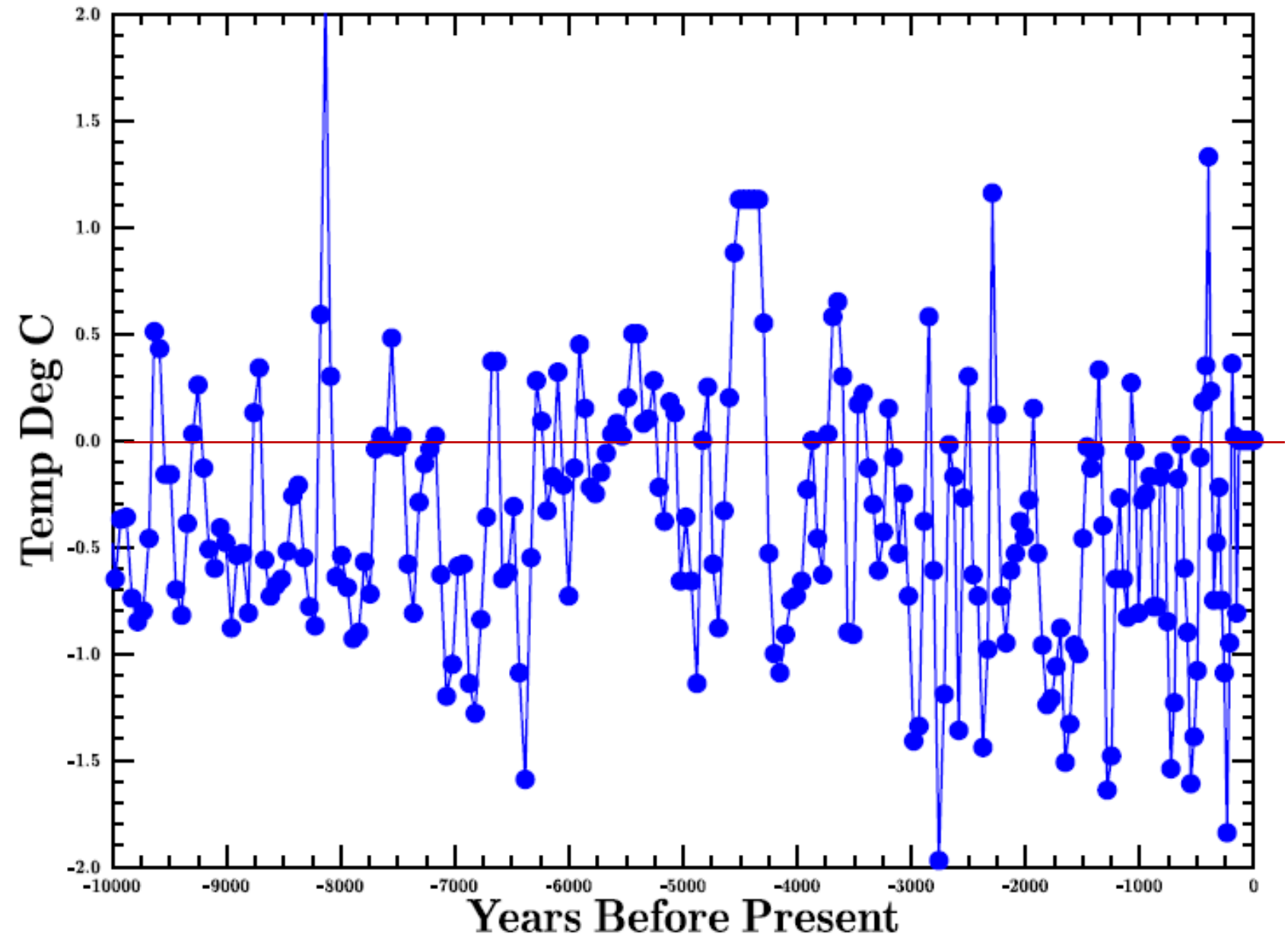
Next are data from the last 10,000 to 20,000 years.

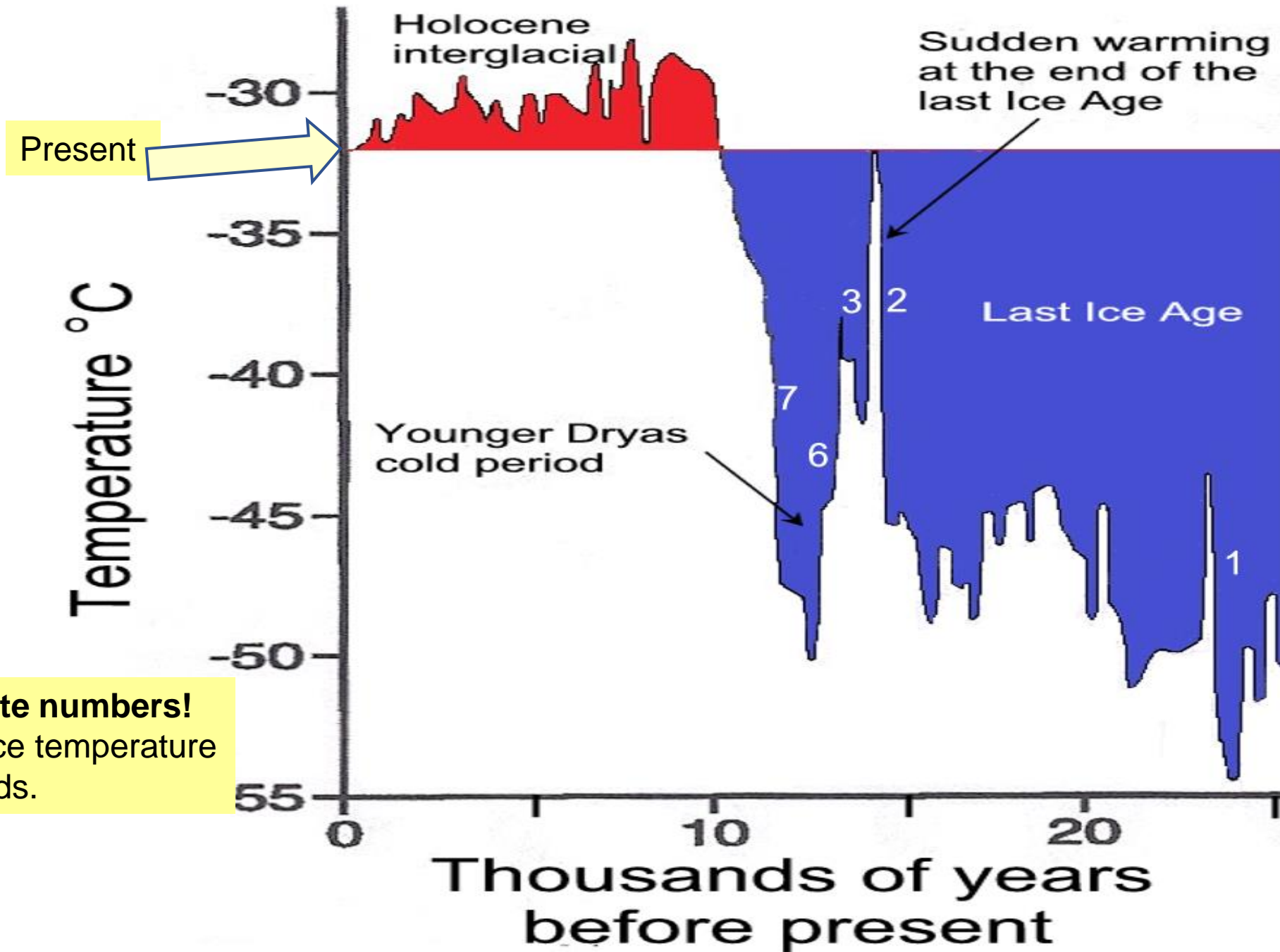
From Antarctica, Southern Hemisphere, and from
the Greenland Ice Cores, Northern Hemisphere

These are the temperatures from the Vostok Ice Cores, showing the last 10,000 years.

It is difficult to see the justification for declarations of “climate crisis,” “climate emergency,” and cries of “existential threat.”

In fact, there is no threat from human-caused CO₂-fueled global warming.



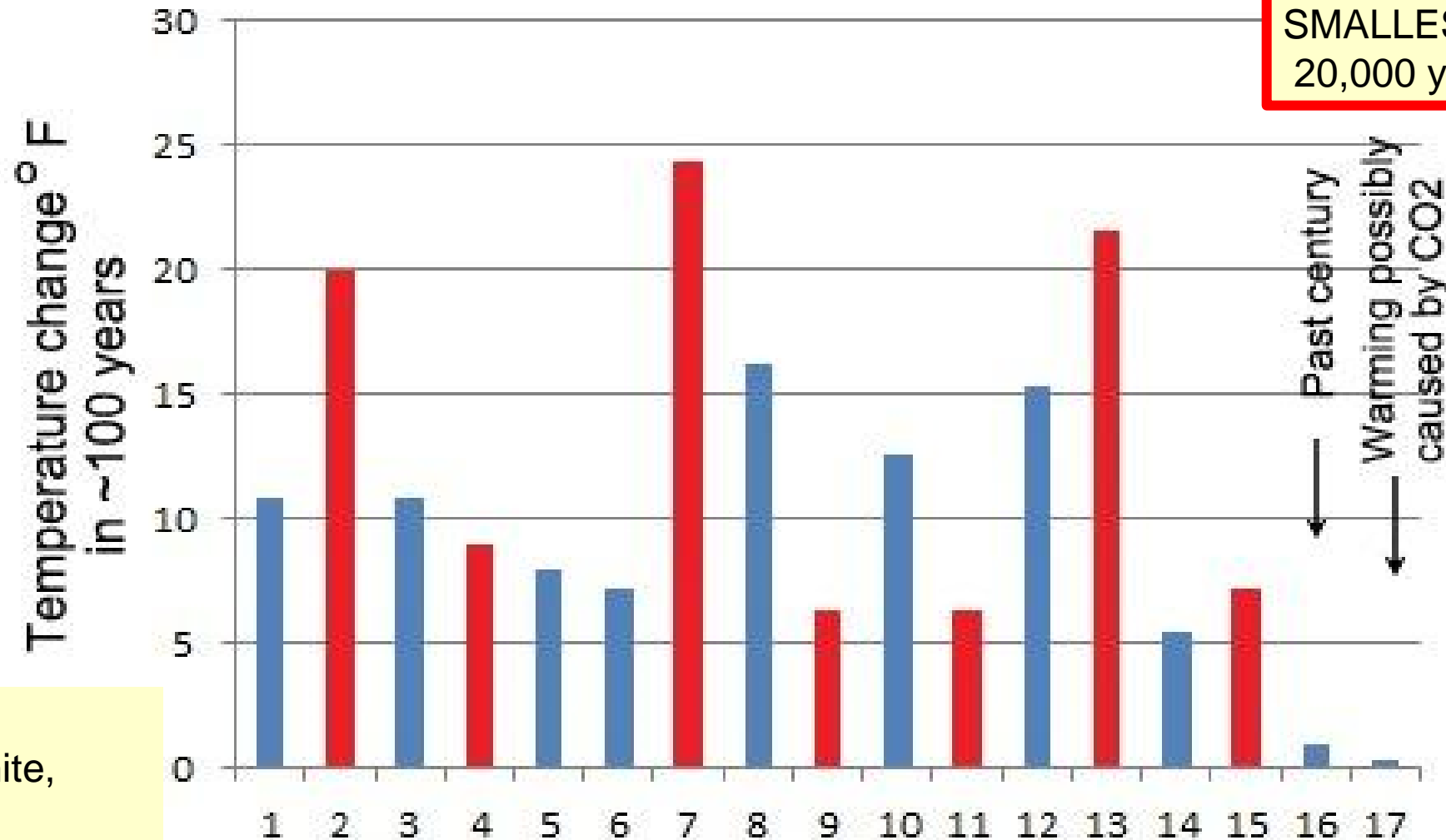


Note the white numbers!
They reference temperature change periods.

Seventeen Sets positive (red), negative (blue) Temperature change Deg F / 100 years
Dr Don Easterbrook's analysis of GISP2 proxy temperatures.

Highest rate: +14F in 40 years (younger Dryas)

Present rates of change of temperatures are the SMALLEST of the last 20,000 years.

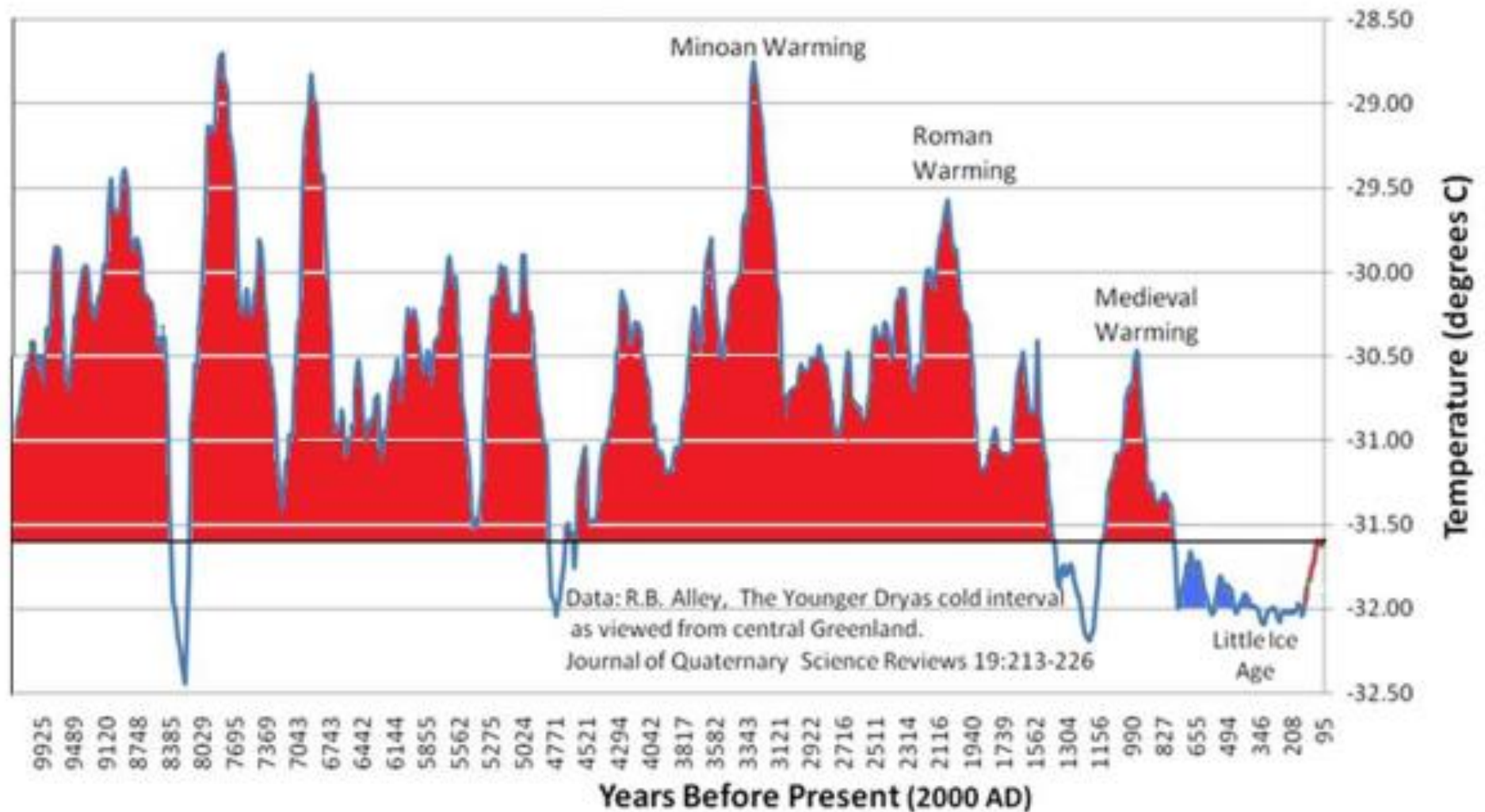


These are the numbers in white, previous slide

**Time Domain: Last 10,000 years,
the Holocene**

**Note the Climate Cycles' 1000-1450
year periodicity**

Greenland GISP2 Ice Core - Temperature Last 10,000 Years



X-Axis, Time Oldest on Left, Present on Right
Y-Axis, Temperature from the O16/O18 ratio, Greenland GISP2 Ice Core
 Coldest Down, Warmer Up.

<http://science.sciencemag.org/content/278/5341/1257>

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So why did I call them Bond Cycles?

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RESEARCH ARTICLE



0

A Pervasive Millennial-Scale Cycle in North Atlantic Holocene and Glacial Climates

Gerard Bond*, William Showers, Maziet Cheseby, Rusty Lotti, Peter Almasi, Peter deMenocal, Paul Prior...

+ See all authors and affiliations

Science 14 Nov 1997:
Vol. 278, Issue 5341, pp. 1257-1266
DOI: 10.1126/science.278.5341.1257

Bond, et al find thousand-year cycles; published in SCIENCE.
Hayhoe can't find any cycles.

THIS IS CLIMATE EDUCATION?

Glaciers as Climate Witness, Gletscher als Klimazeugen

http://www.iuf-berlin.org/wm_files/wm_pdf/prof._patzelt_berlin_4.12.2009.pdf

Minoan
Roman
Medieval
Present

SOMMERTEMPERATUR (MAI-SEP.)

°C

+0,5

0

-0,5

-1,0

WALD-/BAUMGRENZE

höher als heute

GLETSCHER-RÜCKZUGSPERIODEN, WESTALPEN

Hormes 2000

Joerin et al. 2006

GLETSCHERAUSDEHNUNG, OSTALPEN

kleiner als heute

Vorstoß

wie Neuzeit

SUBATLANTIKUM

SUBBOREAL

ATLANTIKUM

BOREAL

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MITTELSTEINZEIT

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So why did I call them Bond Cycles?

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RESEARCH ARTICLE



0

Persistent Solar Influence on North Atlantic Climate During the Holocene

Gerard Bond^{1,*}, Bernd Kromer², Juerg Beer³, Raimund Muscheler³, Michael N. Evans⁴, William Showers...

+ See all authors and affiliations

Science 07 Dec 2001:
Vol. 294, Issue 5549, pp. 2130-2136
DOI: 10.1126/science.1065680

Bond, et al find thousand-year cycles; published in SCIENCE.
Hayhoe can't find any cycles.

THIS IS CLIMATE EDUCATION?

Persistent solar influence on North Atlantic climate during the holocene

Gerard Bond; Bernd Kromer; Juerg Beer; Raimund Muscheler; et al

Science; Dec 7, 2001; 294, 5549; Research Library Core

pg. 2130

Persistent Solar Influence on North Atlantic Climate During the Holocene

Paper on Bond Cycles

**Gerard Bond,^{1*} Bernd Kromer,² Juerg Beer,³
Raimund Muscheler,³ Michael N. Evans,⁴ William Showers,⁵
Sharon Hoffmann,¹ Rusty Lotti-Bond,¹ Irka Hajdas,⁶ Georges Bonani⁶**

Surface winds and surface ocean hydrography in the subpolar North Atlantic appear to have been influenced by variations in solar output through the entire Holocene. The evidence comes from a close correlation between inferred changes in production rates of the cosmogenic nuclides carbon-14 and beryllium-10 and centennial to millennial time scale changes in proxies of drift ice measured in deep-sea sediment cores. A solar forcing mechanism therefore may underlie at least the Holocene segment of the North Atlantic's "1500-year" cycle. The surface hydrographic changes may have affected production of North Atlantic Deep Water, potentially providing an additional mechanism for amplifying the solar signals and transmitting them globally.

Holocene temperatures from Ice Cores, the last 10,000 years.

Top graphic is from Greenland, GISP2 core, in Red

Bottom graphic is from Antarctica, Vostok core in Blue

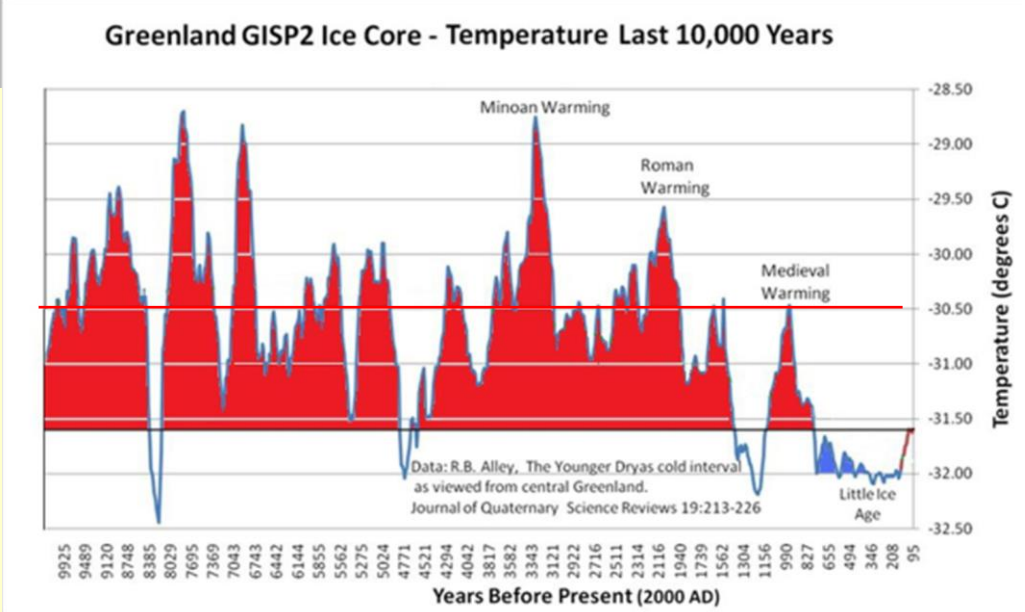
Red horizontal in GISP2 line is ice temp of -30.50C

Red Horizontal line in Vostok Core, mean temperature, last 10K yrs

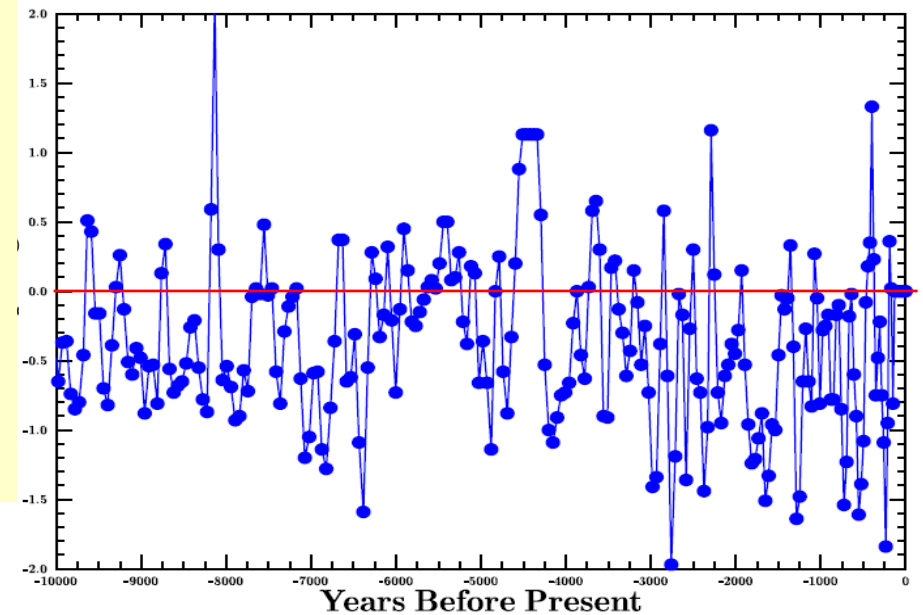
Both plots show a +/- 2C deviation from the mean.

Both plots show that a 1.5C rise from the Little Ice Age minimum is nothing to be concerned about, rather celebrated.

Data showing improvements as we warm from the Little Ice age is in the section, ahead,
“...the human condition is improving. Rapidly.”



X-Axis, Time Oldest on Left, Present on Right
Y-Axis, Temperature from the O16/O18 ratio, Greenland GISP2 Ice Core
Coldest Down, Warmer Up.



Warming In the Arctic is Revealing Evidence of Natural Climate Change

Tree stumps (dated to be 1,000-2,000 years old) at the terminus of receding Mendenhall Glacier (Alaska) reveal that glaciers change naturally on long time scales, and that there have been periods of Arctic warmth before.



Spencer, Roy. "Global Warming Skepticism for Busy People." Kindle Edition. Location 250 of 1855

Boeskorov, 2020 Horses, oxen ate grass year-round in Arctic Siberia until “5300-2200 cal yr BP”

“Radiocarbon data show that wild horses inhabited the north of Yakutia during 5300–2200 cal yr BP. Musk oxen lived here about 3400 – 2600 cal yr BP. ... To date, there are already several radiocarbon dates of horse remains from the north of Yakutia, which fall in the Middle and Late Holocene time frame. These dates clearly indicate that **in the far north of Eastern Siberia, wild horses (most likely the Lena horse) lived in the Middle and Late Holocene, at least 5300–2200 cal yr BP.**”



More images

Quaking aspen



Plants

Populus tremuloides is a deciduous tree native to cooler areas of North America, one of several species referred to by the common name aspen. It is commonly called quaking aspen, trembling aspen, American aspen, Quakies, mountain or golden aspen, trembling poplar, white poplar, popple, as well as others. [Wikipedia](#)

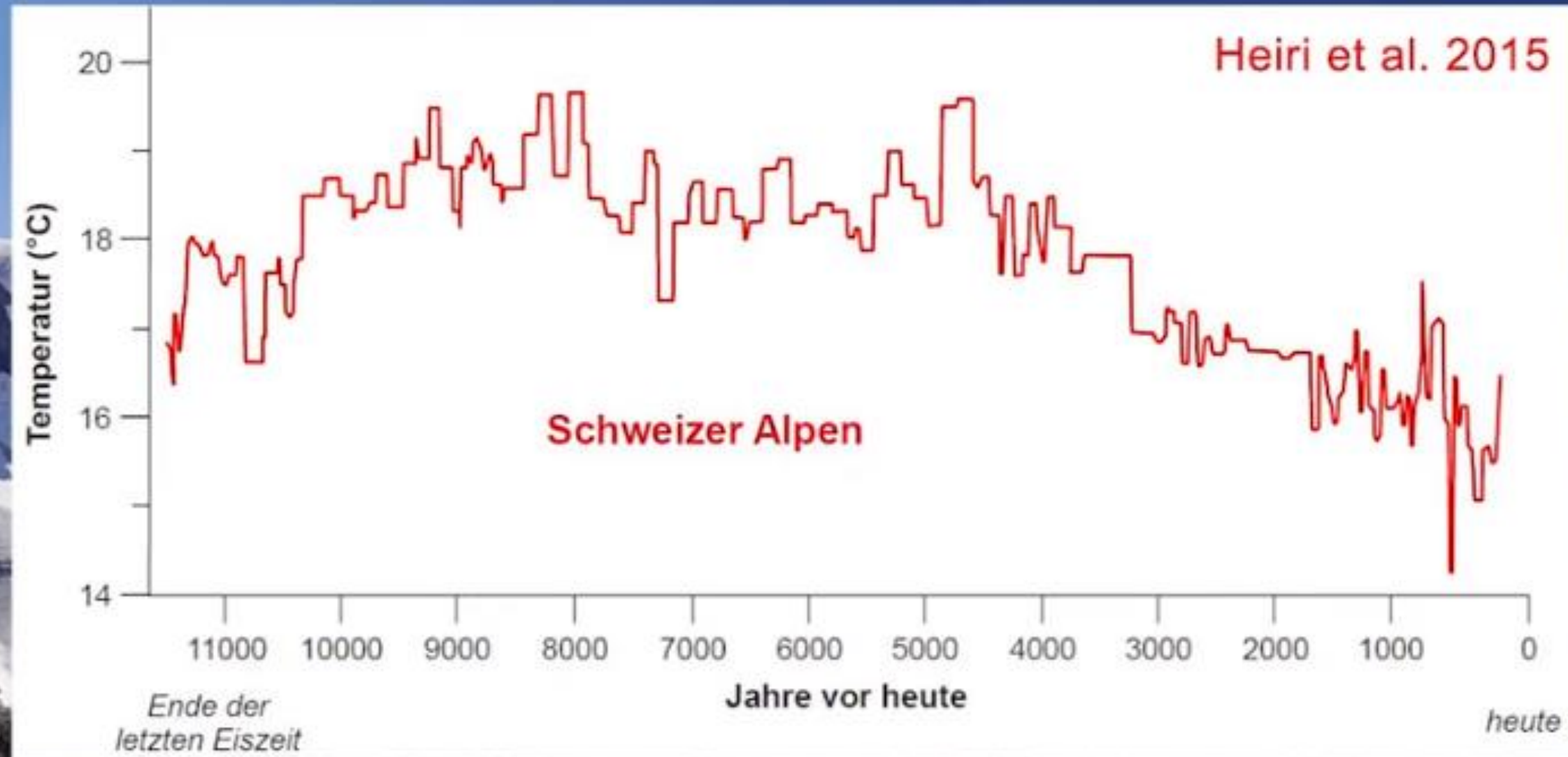
Scientific name: *Populus tremuloides*

1020 years ago thick stands of Aspen grew on Greenland, not today

Populus tremuloides



<https://www.quora.com/Are-there-any-university-Physics-educated-climate-change-skeptics-who-can-definitively-refute-the-120-year-old-basis-for-Anthropogenic-Global-warming/answer/Paul-Noel-5>



HISTORISCHE GLETSCHERSCHMELZE



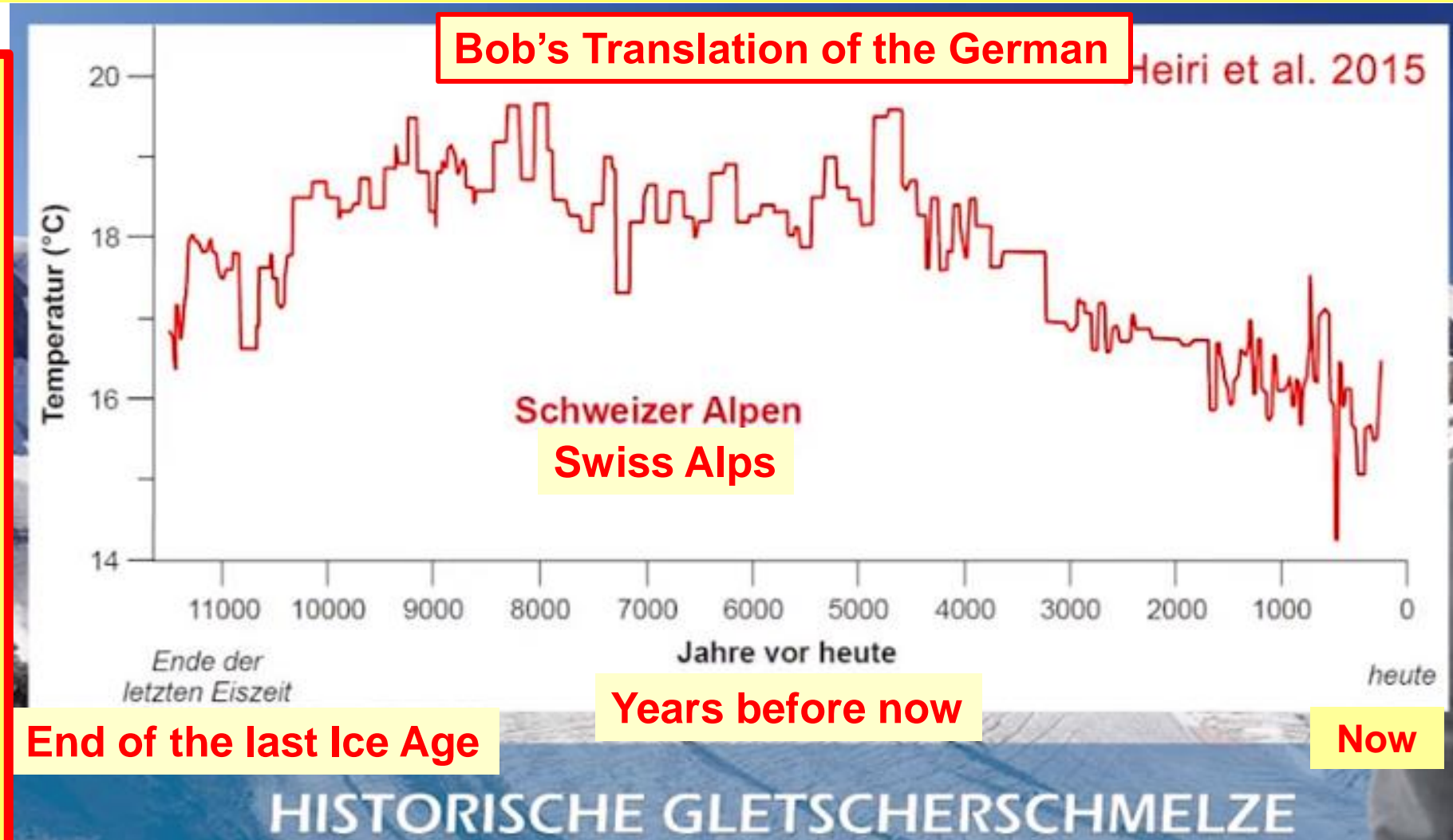
End of the last Ice Age

HISTORISCHE GLETSCHERSCHMELZE

Look at the temperatures!

According to this study, present temperatures are ~3C cooler than the peaks of Holocene warmth ~8000 years ago.

Claims of “climate crisis” or “climate emergency” ill-informed, probably deliberately deceptive.



“In recent years, scientists have underscored the need to limit planetary warming to 1.5 degrees Celsius in order to stave off the worst impacts of climate change. A key goal of both the Leaders Summit and COP26 will be to catalyze efforts that keep that 1.5-degree goal within reach.” *whitehouse.gov, 26 March 2021*



PLATE IV Tree stump (*Picea glauca*) in the north Canadian tundra.

The stump, radiocarbon dated about 4940 years (± 140) B.P., is seen still standing on a steep bank on the Tuktoyaktuk Peninsula ($69^{\circ}7'N$ $133^{\circ}16'W$) which borders the Arctic Ocean (Beaufort Sea) east of the delta of the Mackenzie River in extreme northwest Canada. This tree in what is now tundra shows wider growth rings than the nearest present-day spruce forest 80–100 km farther south, near Inuvik in the lowest part of the Mackenzie River valley.

(Photograph kindly supplied by Professor J. C. RITCHIE of Scarborough College, Toronto University.

Tree Stump (*Picea glauca*) in the north Canadian tundra.

The stump, radiocarbon dated about 4940 (± 140) years BP is seen still standing on a steep bank on the Tuktoyaktuk Peninsula ($69.7N$ $133.16W$) which borders the Arctic Ocean (Beaufort Sea) east of the Mackenzie Delta in extreme northwest Canada. This tree, in what is now tundra, shows wider growth rings than the nearest present-day spruce forest 80–100 km further south near Inuvik in the lowest part of the Mackenzie River valley.

Photograph kindly supplied by Professor J. C. Ritchie of Scarborough College, Toronto University

A 5000-year old Spruce in the Canadian Arctic. This tree grew during the Holocene Climatic Optimum. Trees no longer live there because the climate is colder now. This is now tundra.

**Holocene landscape development and climatic change in the low arctic,
Northwest Territories, Canada**

**[Palaeogeography, Palaeoclimatology,
Palaeoecology](#)**

**[Volume 205, Issues 3-4](#), 30 March 2004, Pages
221-234**

**Professor Glen M. McDonald,
Director UCLA Institute for the Environment,
Full Professor, UCLA Dep't of Geography.
Chairman, Department of
Geography
UCLA**

**Similar Photo also in
“A Primer on CO2 and Climate,”
Howard C Hayden,
Vales Lake Publishing,
Pueblo, CO, pg 18.**

**Photo is in Dr Hubert Lamb's book,
Climate, History, and the Modern World**





The Tuktoyaktuk Peninsula... location of the 5,000-year-old White Spruce, grew during the Holocene Climate Optimum.



Area around Tuktoyaktuk today: Tundra. Too cold for trees.

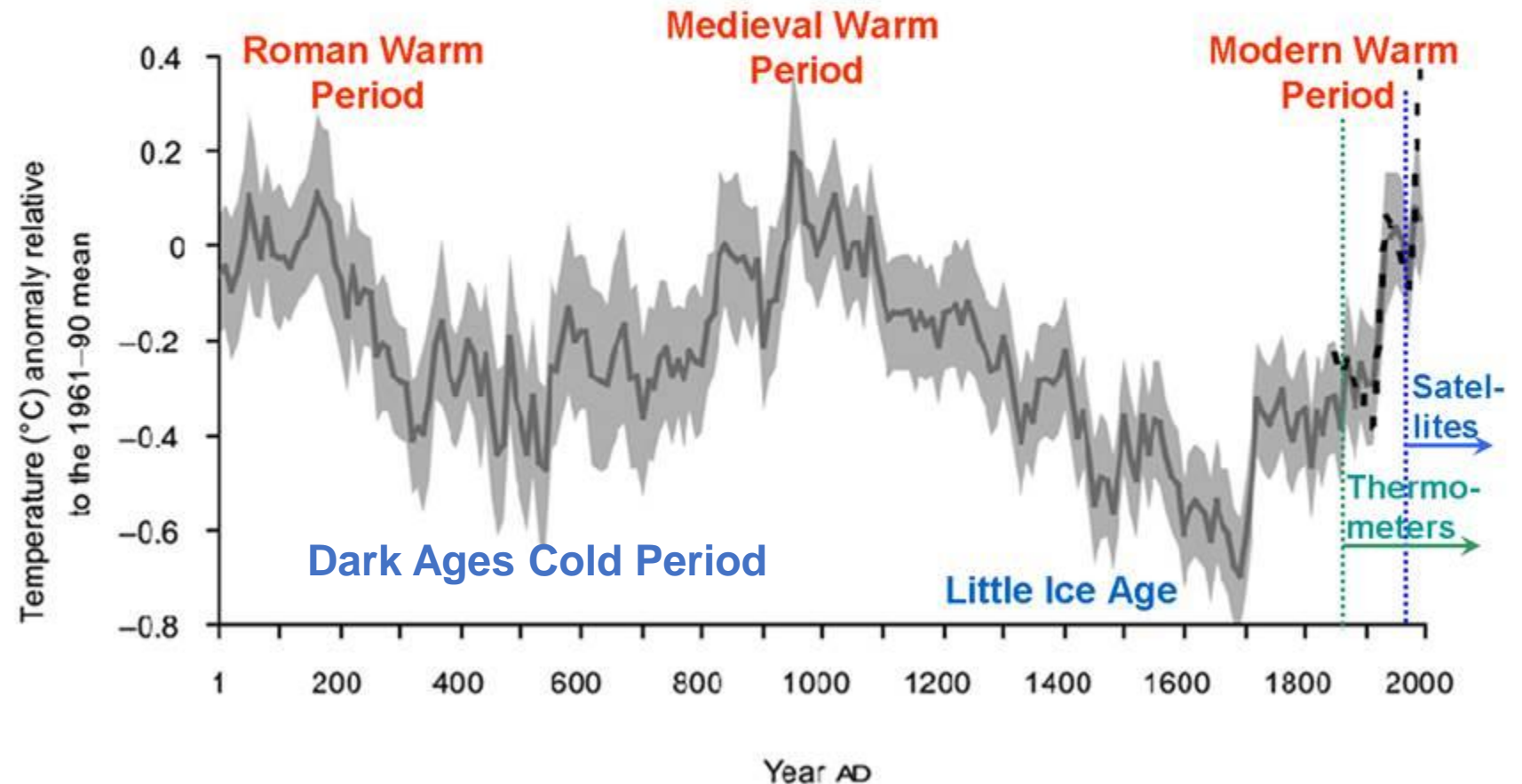
<http://www.tuktoyaktuk.ca/>



<https://www.drroyspencer.com/2014/05/ill-see-your-97-percent-and-raise-you-3-percent/>

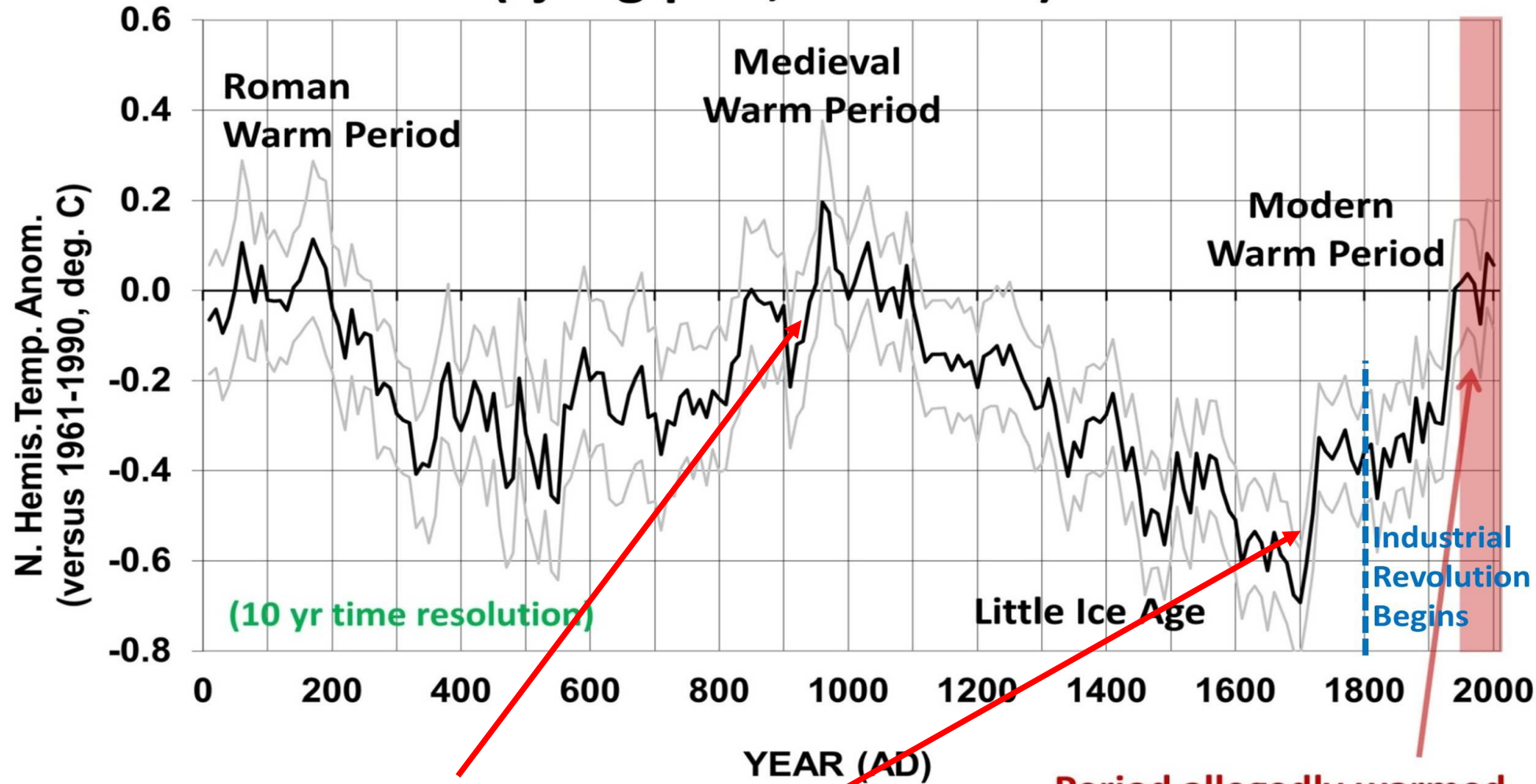
Nearly Every Century Experiences Global Warming or Cooling

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



*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

N. Hemisphere Temperature proxies (Ljungqvist, F.C. 2010)



What caused these temperature jumps?

**Period allegedly warmed
by human activities**

Exploring the notion that present climate will lead to an “existential threat” to human life

What follows is one example I found when doing an internet search on the above term:

paragraphing, bolding, added for emphasis.

Some of the junk that permeated my web search.

Become a Climate Action Expert.

Get access to an exclusive climate action newsletter with a new Britannica Premium membership.

GET STARTED

Advancing the Science of Climate Change (2010)

Chapter: 2 What We Know About Climate Change and Its Interactions with People and Ecosystems

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Contents

Chapter

Page 27 of 504

Original Pages

Search this book...

The following slides contain quotes from this book, and examples of the blatant falsehoods it contains.

CHAPTER TWO

What We Know About Climate Change and Its Interactions with People and Ecosystems

Over the past several decades, the international and national research communities have developed a progressively clearer picture of how and why Earth's climate is changing and of the impacts of climate change on a wide range of human and environmental systems. Research has also evaluated actions that could be taken—and in some cases are already being taken—to limit the magnitude of future climate change and adapt to its impacts. In the United States, a series of reports by the U.S. Global Change Research Program (USGCRP, also known as the Climate Change Science Program from 2001 to 2008) have synthesized the information specific to the nation, culminating in

<https://www.nap.edu/read/12782/chapter/5>

Advancing the Science of Climate Change (2010)

Chapter: 2 What We Know About Climate Change and Its Interactions with People and Ecosystems

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CHAPTER TWO
What We Know About Climate Change and Its Interactions with People and Ecosystems

•”Natural climate variability leads to year-to-year and decade-to-decade fluctuations in temperature and other climate variables, as well as substantial regional differences, but **cannot explain or offset the long-term warming trend.**”

•”Global warming is closely associated with a broad spectrum of other changes, such as increases in the frequency of intense rainfall, **decreases in Northern Hemisphere snow cover** and Arctic sea ice, warmer and more frequent hot days and nights, rising sea levels, and widespread ocean acidification.”

Science Home News Journals Topics Careers

So why did I call them Bond Cycles?

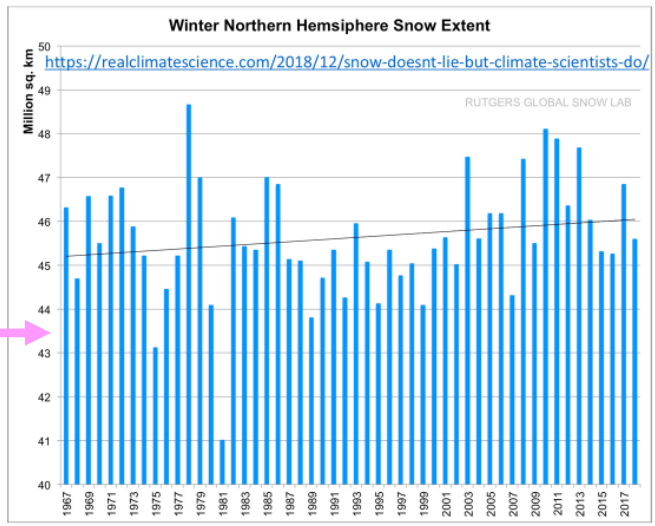
SHARE RESEARCH ARTICLE

A Pervasive Millennial-Scale Cycle in North Atlantic Holocene and Glacial Climates

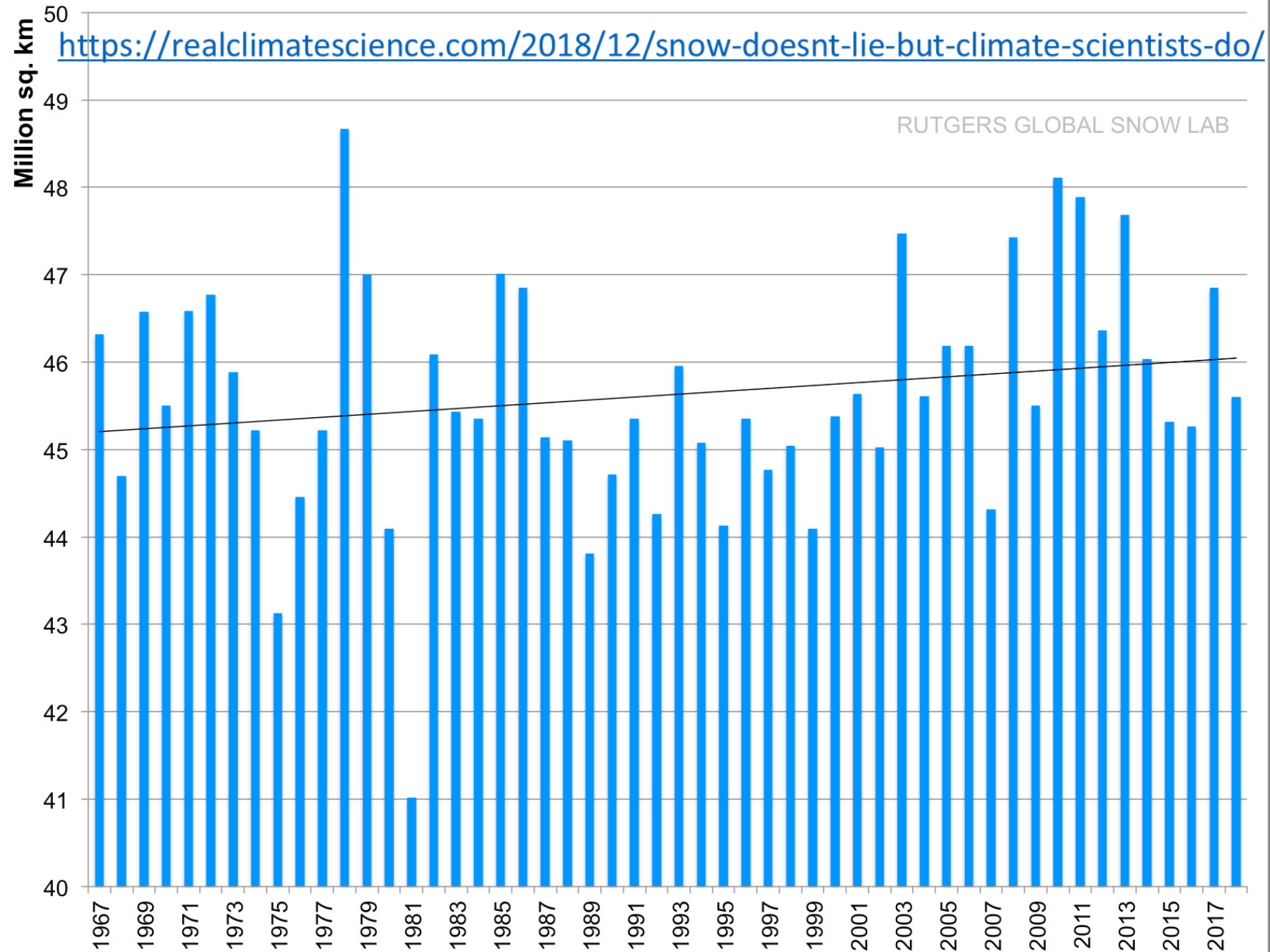
Gerard Bond, William Showers, Maziat Cheseby, Rusty Lott, Peter AImasi, Peter deMenocal, Paul Prior...

Science 14 Nov 1997; Vol. 278, Issue 5341, pp. 1257-1266 DOI: 10.1126/science.278.5341.1257

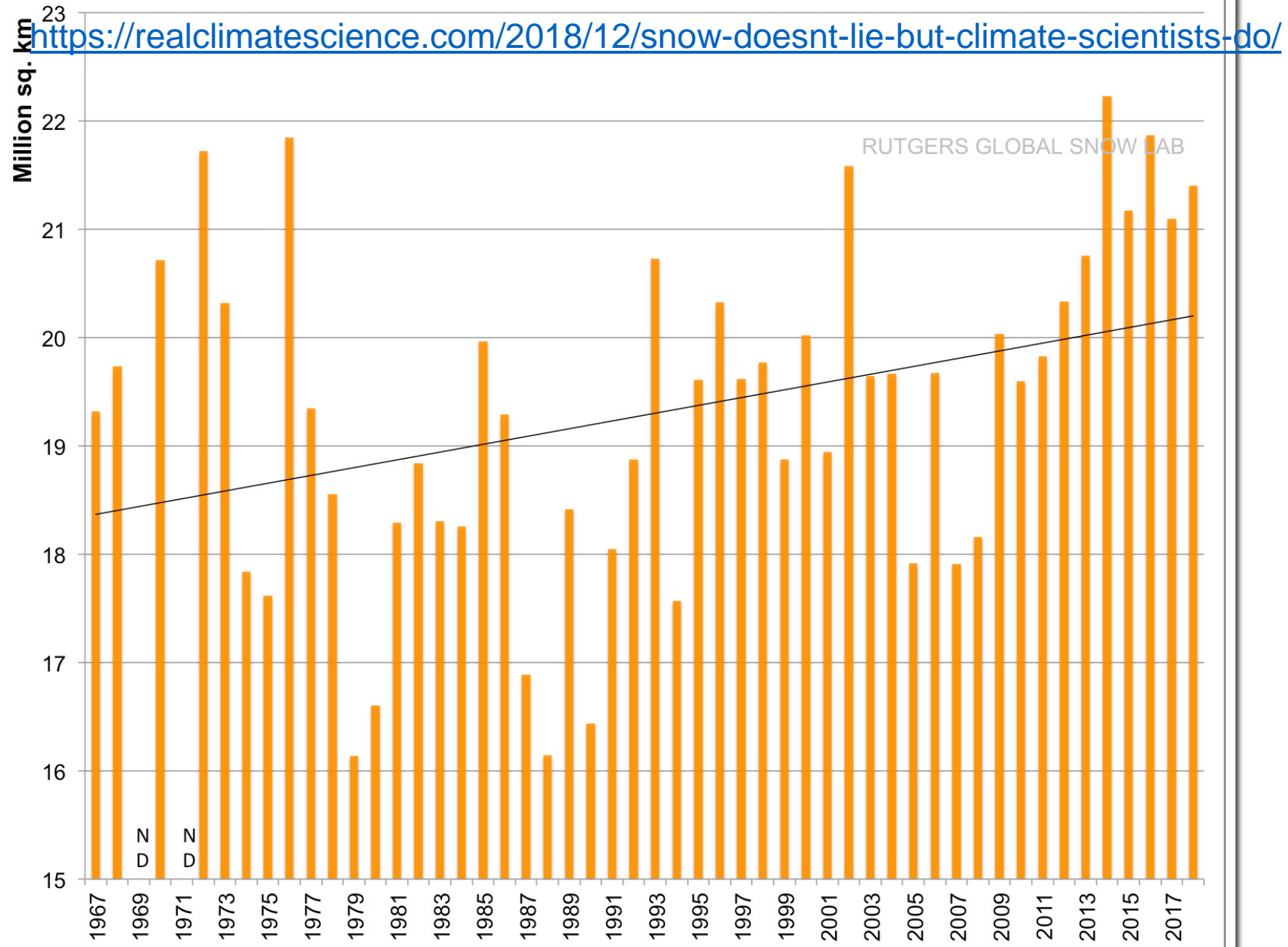
Bond, et al find thousand-year cycles; published in SCIENCE. Hayhoe can't find any cycles. THIS IS CLIMATE EDUCATION?



Winter Northern Hemisphere Snow Extent



Fall Northern Hemisphere Snow Extent



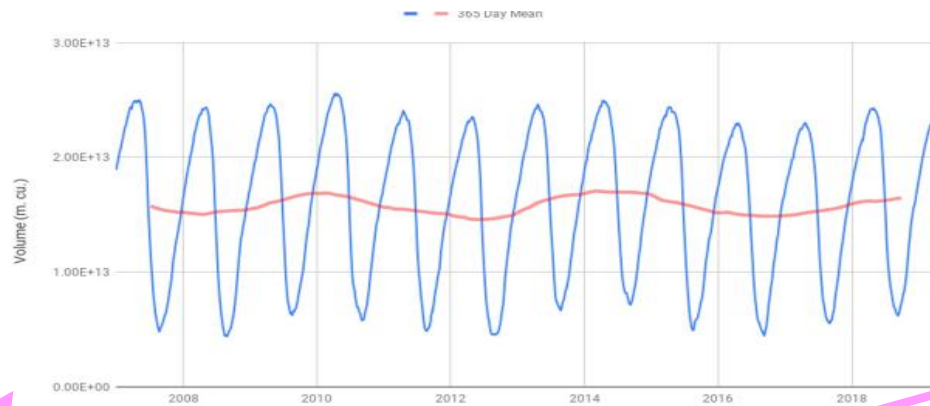
CHAPTER TWO

What We Know About Climate Change and Its Interactions with People and Ecosystems

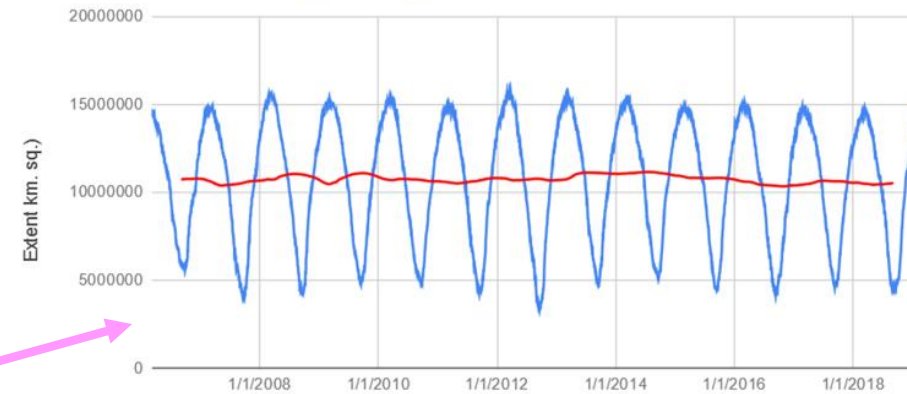
<https://realclimatescience.com/2019/04/arctic-sea-ice-continues-to-grow-2/>

<https://docs.google.com/spreadsheets/d/1PzhPraBFy-kkJwzIH7CjNlySbkK4xweXSvQdFMnUSw/edit#gid=136189330>

DMI Arctic sea Ice Volume 2008-2019



MASIE Arctic Sea Ice Extent 2008-2018



•Global warming is closely associated with a broad spectrum of other changes, such as increases in **the frequency of intense rainfall**, decreases in Northern Hemisphere snow cover and **Arctic sea ice**, warmer and more frequent hot days and nights, rising sea levels, and widespread ocean acidification.



<https://notrickszone.com/2019/08/15/natural-variability-domination-defying-modelsscientists-find-less-extreme-precipitation-in-recent-decades/>

There have been “no significant trends” in extreme precipitation (floods or droughts) on the East and West US coasts observed in the last 145 years. Further, “significant drought conditions that were common prior to 1900 have not been experienced by the present population“(Christy, 2019).

“Since 1983, there has been no increasing or decreasing trends in precipitation detected on a global scale.” (Nguyen et al., 2018)



Global Precipitation Trends across Spatial Scales Using Satellite Observations

Phu Nguyen

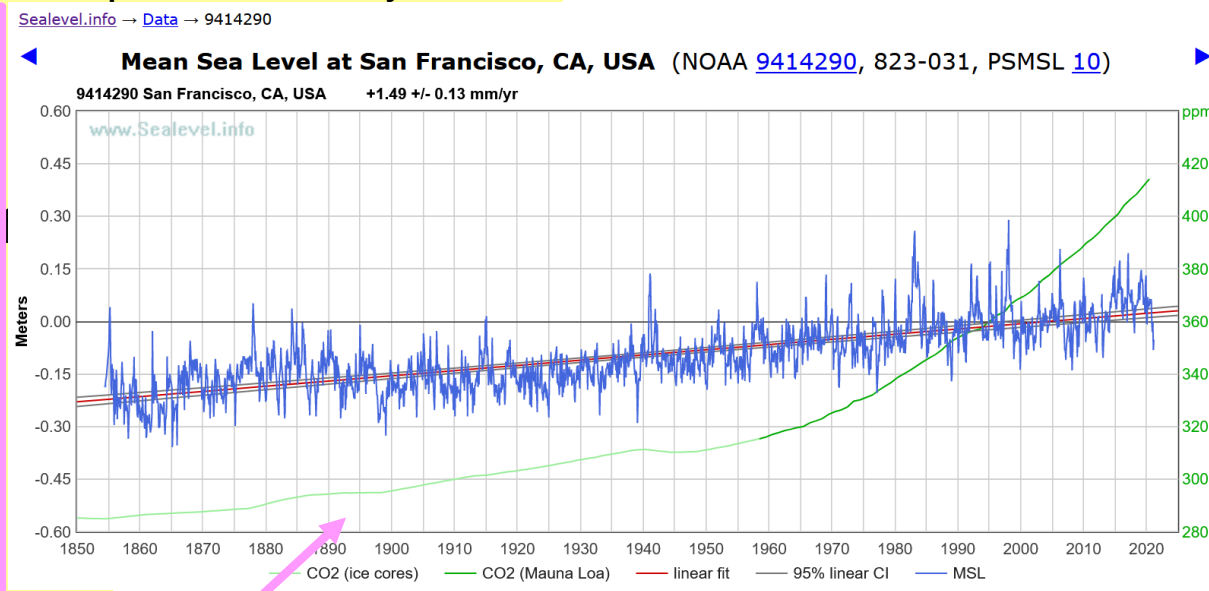
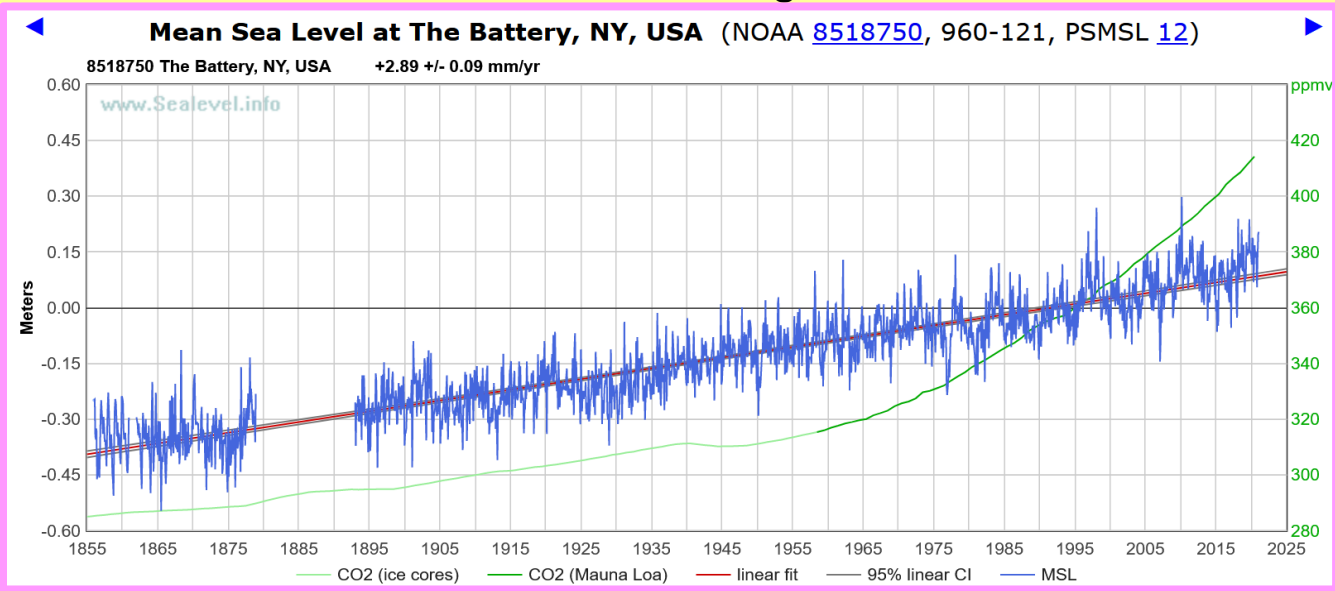
Center for Hydrometeorology and Remote Sensing, and Department of Civil and Environmental Engineering, University of California, Irvine, Irvine, California, and Nong Lam University, Ho Chi Minh City, Vietnam

Andrea Thorstensen, Soroosh Sorooshian, Kuolin Hsu, Amir Aghakouchak, Hamed Ashouri, Hoang Tran, and Dan Braithwaite

Center for Hydrometeorology and Remote Sensing, and Department of Civil and Environmental Engineering, University of California, Irvine, Irvine, California

The take-home message from our study using the new 33+ years of high-resolution global precipitation dataset is that there seems not to be any detectable and significant positive trends in the amount of global precipitation due to the now well-established increasing global temperature. While there are regional trends, there is no evidence of increase in precipitation at the global scale in response to the observed global warming.

CHAPTER TWO
What We Know About Climate Change and Its Interactions with People and Ecosystems



•Global warming is closely associated with a broad spectrum of other changes, such as increases in the frequency of intense rainfall, decreases in Northern Hemisphere snow cover and Arctic sea ice, warmer and more frequent hot days and nights, **rising sea levels**, and widespread ocean acidification.

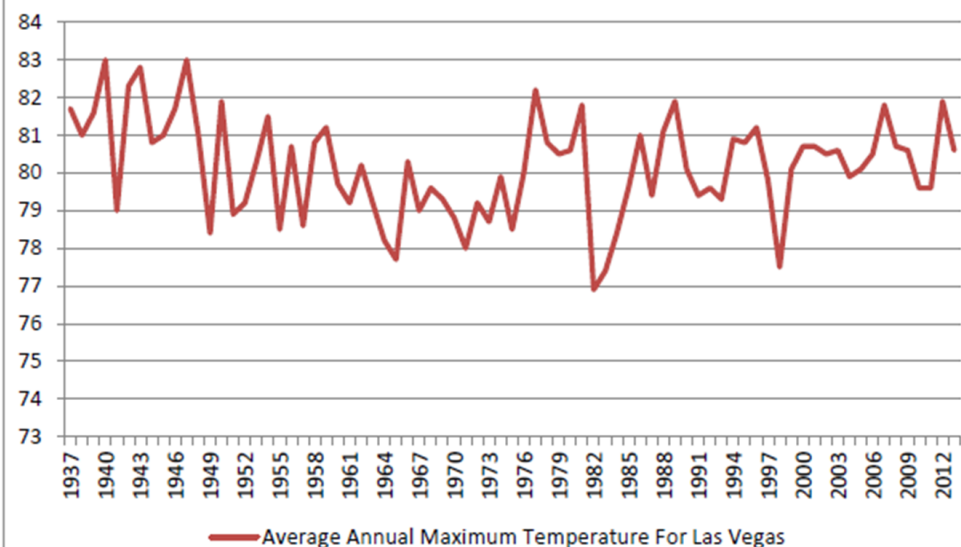
The green curve is <CO2> over time.

“warmer and more frequent hot days and nights,” Next Page

“warmer and more frequent hot days and nights”

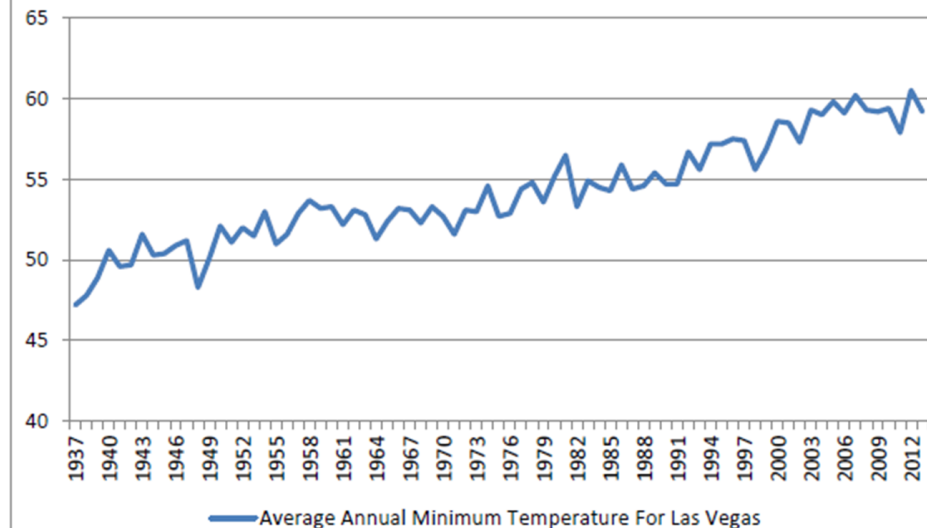
... a case study from Las Vegas, Nevada

**Average Annual Maximum Temperature
For Las Vegas**



Average Annual Maximum Temperature noted by the red line for Las Vegas since 1937.

**Average Annual Minimum Temperature For
Las Vegas**



Average annual minimum temperature noted by the blue line for Las Vegas since 1937.



Anyone visiting Las Vegas, Nevada might remember that McCarran International Airport is right on the Las Vegas Strip and probably close to the center of the Las Vegas Urban Heat Island

Advancing the Science of Climate Change (2010)

Chapter: 2 What We Know About Climate Change and Its Interactions with People and Ecosystems

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Search this book...

There's no other way to put it.

Chapter 2 of this book is full of lies. It is deliberately deceptive.

It casts a shadow of malfeasance on the National Academies of Sciences, Engineering and Medicine.

Says natural variability can't explain long term warming, when Bond's article in **Science** explains. Bond Cycles.

Says Northern Hemisphere snow cover is decreasing, but Rutgers Snow Lab data show snow cover increasing.

Says Arctic Sea Ice is decreasing but MASIE data plots show no long-term decrease.

Says intense rainfall is increasing. But the changes in US Rainfall were caused by the 1990s modernization which increased the efficiency of rainfall catch. Rainfall in the UK since 1766 show no such increase.

Rising Sea Levels. Sea Levels are a dynamic property of Earth. Sea Levels a lot higher in Roman Warm Period, fell in LIA, and now are rising again, but as <CO2> has increased, rate of rise has not changed.



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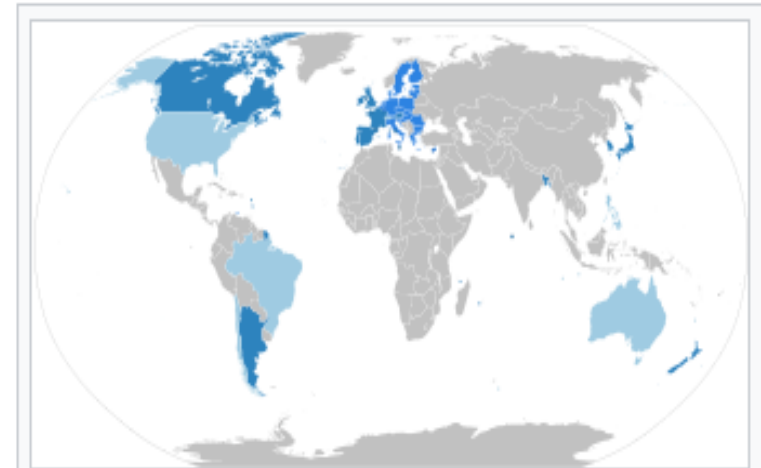
https://en.wikipedia.org/wiki/Climate_emergency_declaration

Climate emergency declaration

From Wikipedia, the free encyclopedia

A **climate emergency declaration** or *declaring a climate emergency* is an action taken by governments and scientists^[1] to acknowledge humanity is in a **climate emergency**. The first such declaration was made in December 2016.^[2] Since then over 1,800 local governments in 33 countries have made climate emergency declarations (as of December 2020).^[3]

Once a government makes a declaration, the next step for the declaring government is to set priorities to



Countries where a climate emergency has been declared, either for the entire country (dark blue) or only for some subdivisions (light blue), as of December 2020.

In declaring a climate emergency, a government admits that [climate change](#) (or global warming) exists and that the measures taken up to this point are not enough to limit the changes brought by it.

The decision stresses the need for the government and administration to devise measures that try and stop human-caused global warming.^{[5][6]}

The declarations can be made on different levels, for example, at a national or local government level, and they can differ in depth and detail in their guidelines. The term *climate emergency* does not only describe formal decisions, but also includes actions to avert climate breakdown. This is supposed to justify and focus the governing body towards climate action. The specific term "emergency" is used to assign priority to the topic, and to generate a mindset of urgency.

The term "climate emergency" has been promoted by climate activists and pro-climate action politicians to add a sense of urgency for responding to a long-term problem.^[7] A [United Nations Development Programme](#) survey of public opinion in 50 countries found that sixty-four percent of 1.2 million respondents believe climate change is a global emergency.^[8]

Comments:

There are no scientific or technical elements involved in this enterprise; there's nothing based on measurements.

This is all driven by emotion. Some of it is absolute nonsense. For instance:

In declaring a climate emergency, a government admits that climate change (or global warming) exists and that the measures taken up to this point are not enough to limit the changes brought by it.

A glance at any climate history based on a time series of thermometer or proxy temperature reveals at no time has climate been at stasis.

Limit the changes? This is not possible. Within the past 1000 years we have been in the Medieval Warm Period, the Little Ice Age, and as we emerge from the LIA , we have entered the Present Warm Period.

The term “climate emergency” has been promoted by climate activists and pro-climate action politicians to add a sense of urgency for responding to a long-term problem.

Who says that there is a long-term problem? Politicians?

Hunger, poverty, deaths from weather (or climate) related causes have declined ~99% in the last century.

Life spans are increasing.

A Prosperous World:

“... December 28, 2019... the year was ending with the most prosperous period the world has experienced.

The prosperity stood in stark contrast with the false claims of the UN of a climate crisis caused by increasing greenhouse effect warming the planet dangerously.

Largely thanks to the governments of China and most countries in South Asia and East Asia, reducing their regulatory control of their economies, extreme poverty went from 1.9 billion in 1990 or about 36% of the world's population of 5.3 billion to about 650 million or about 8.5% of the world population 7.6 billion.

This massive reduction in extreme poverty was staggering and contradicts any claims of a “climate crisis.”

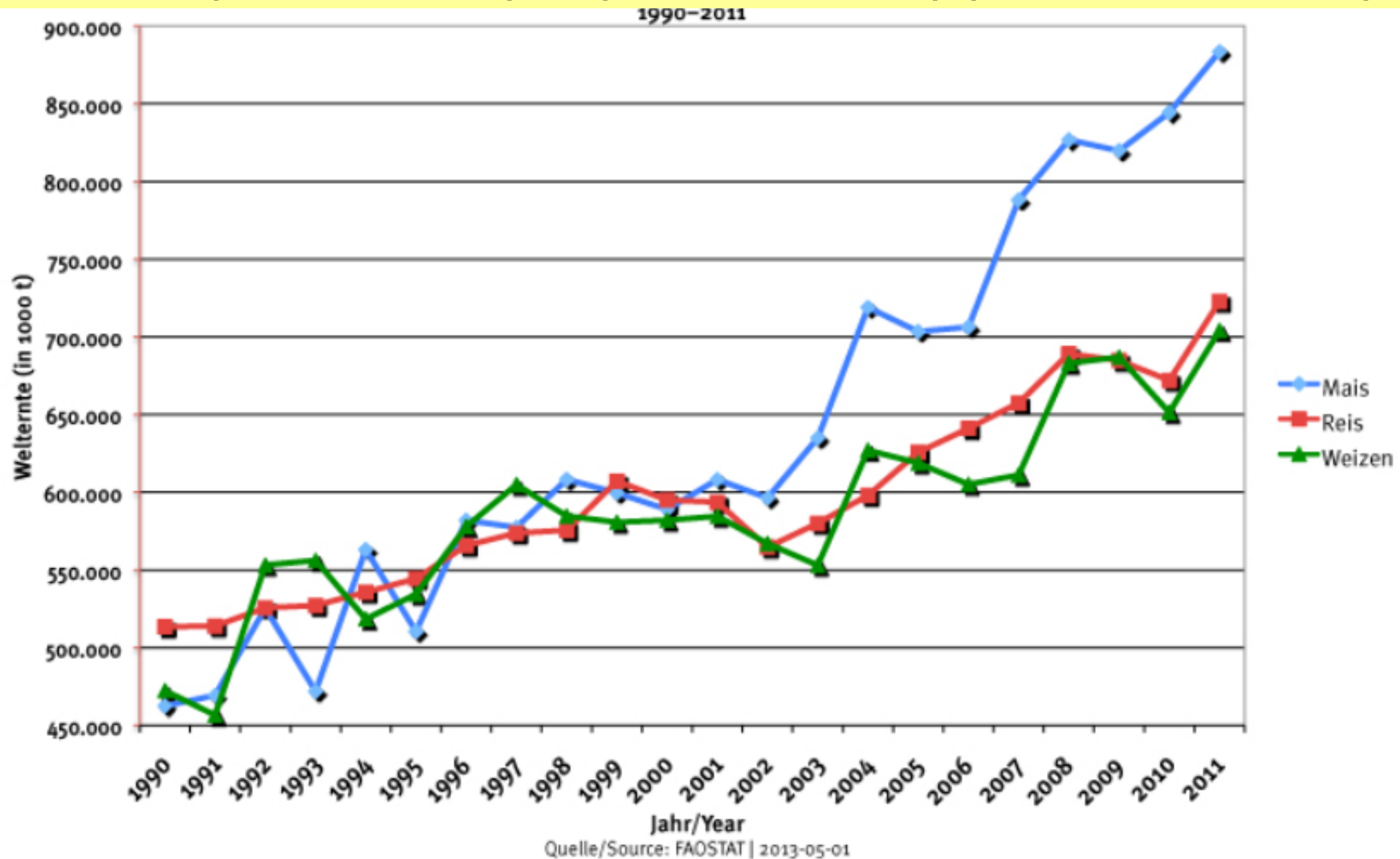
Politicians Declare a Climate Emergency

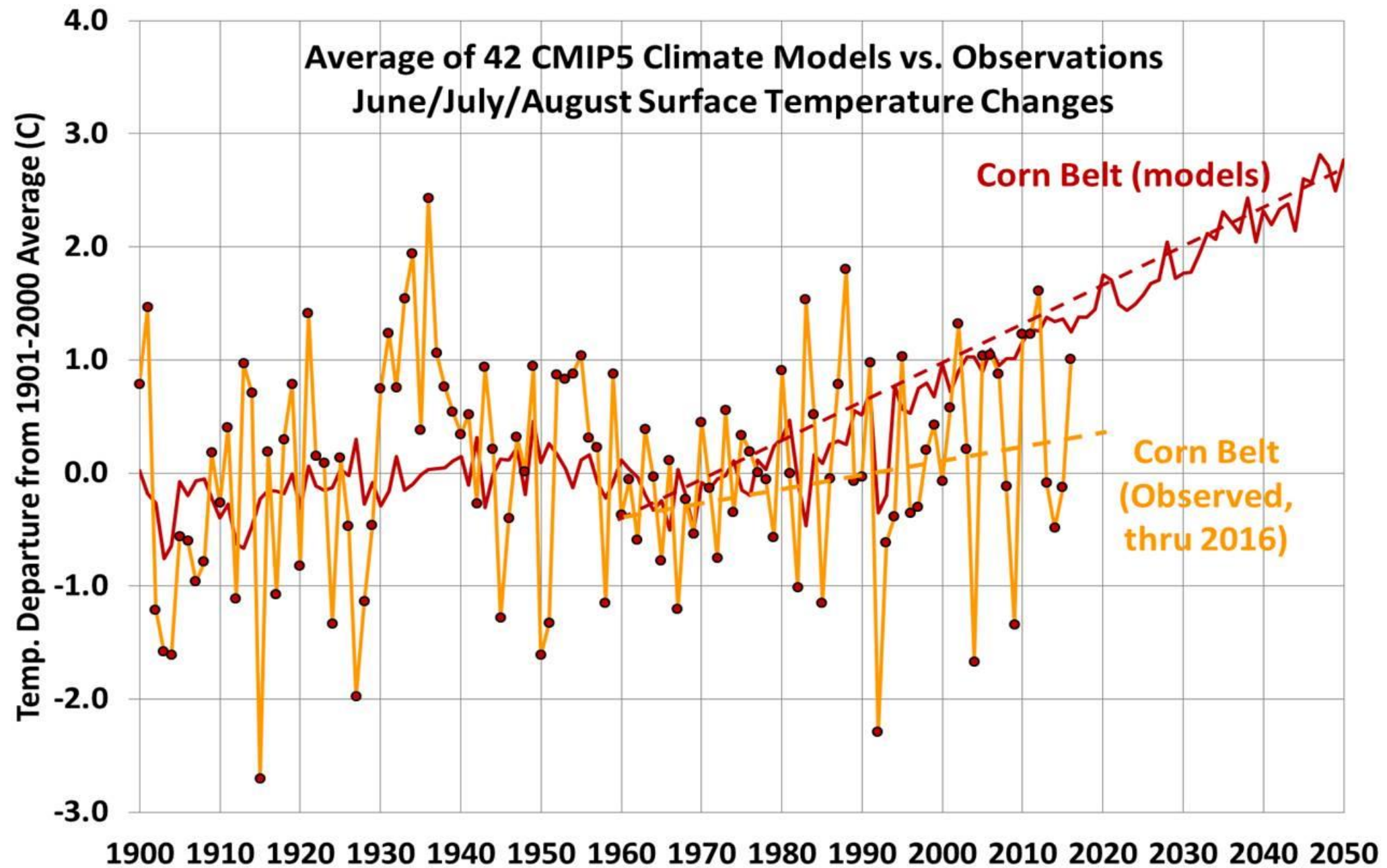
But the Human Condition is improving.

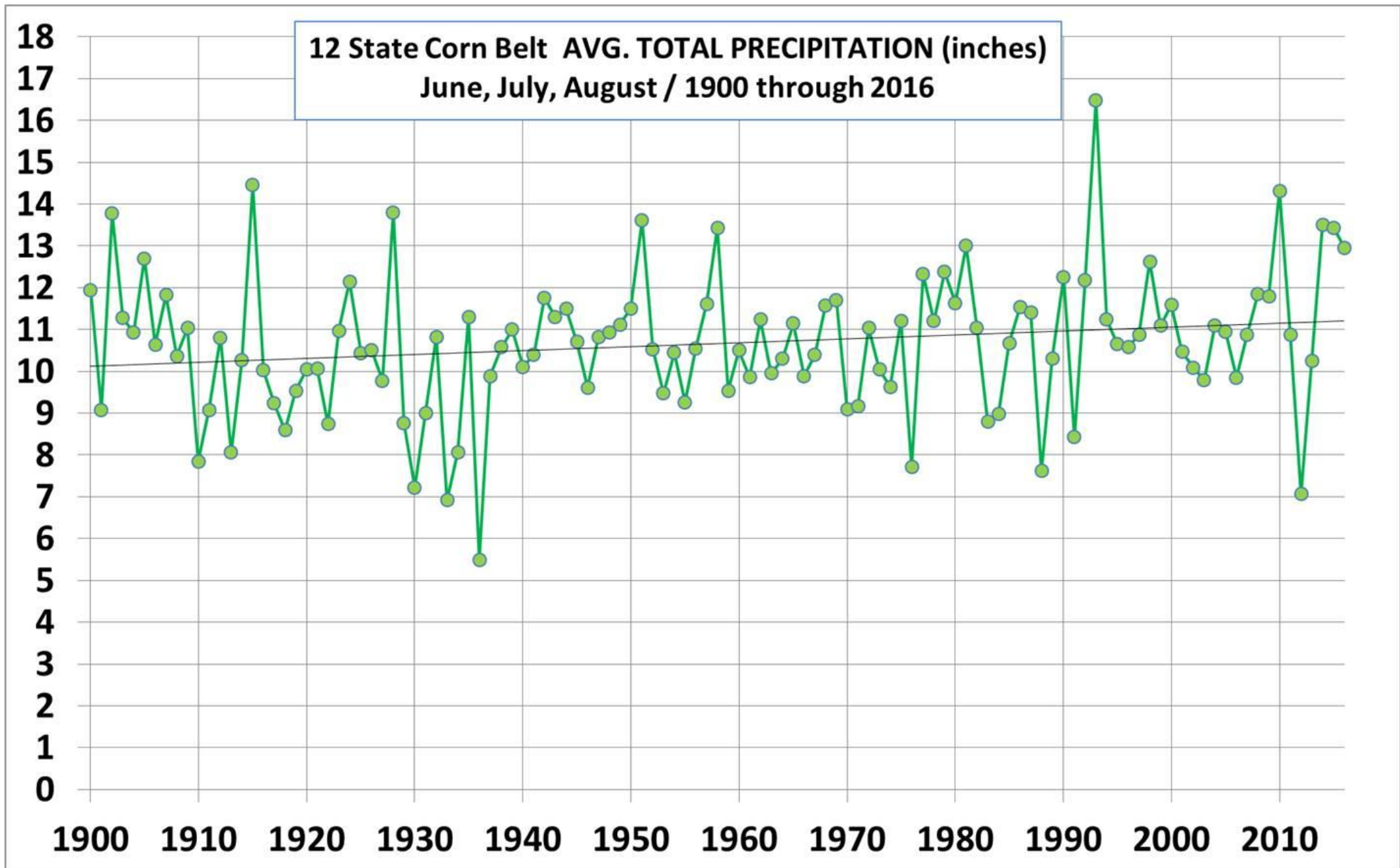
Dramatically and Rapidly.

facts follow:

Climate disaster? Grain production almost quadruples worldwide, while population doubled over the past 60 years!

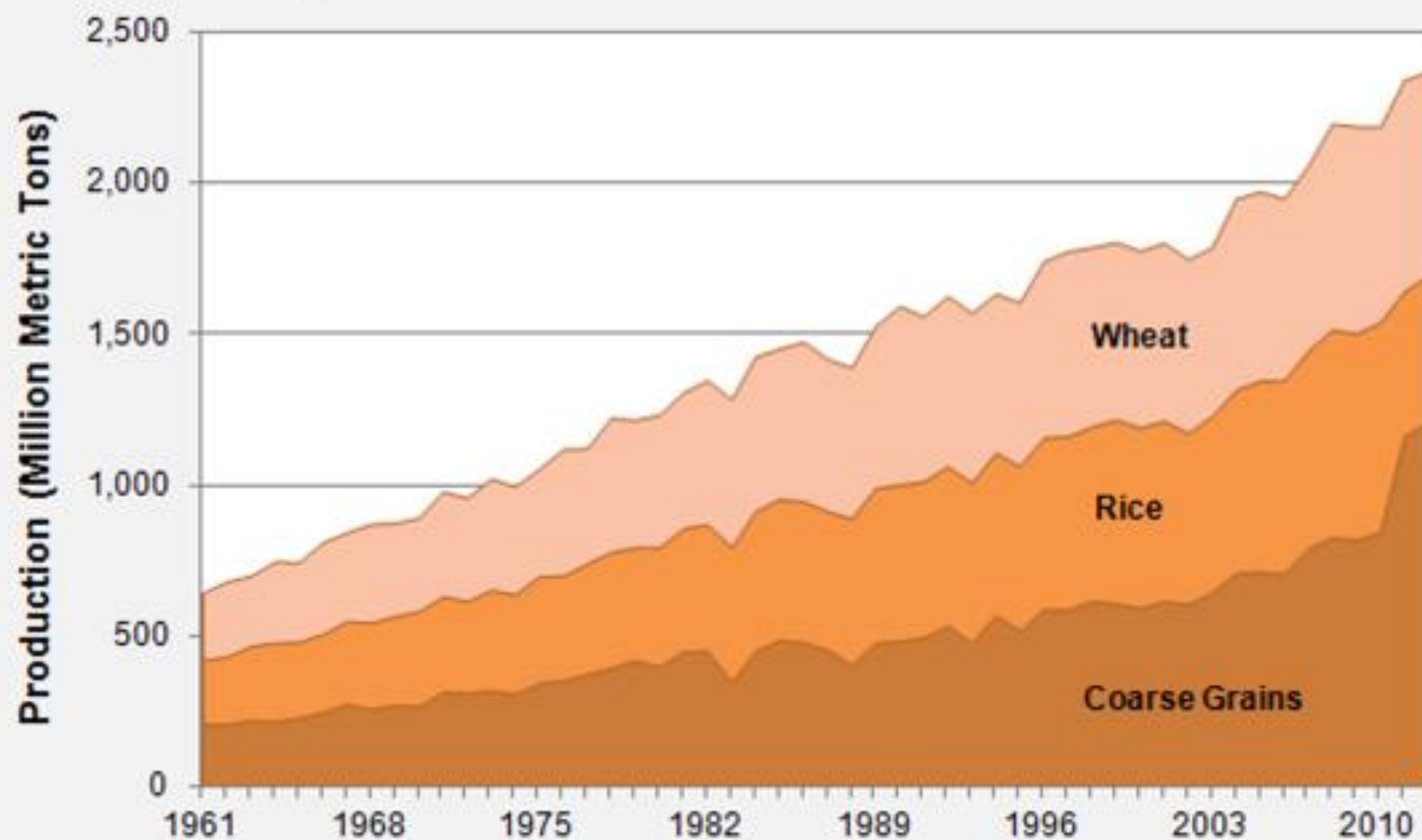






The Devastating Impact of CO₂ on Agriculture

Figure 1. World Grain Production, 1961-2012



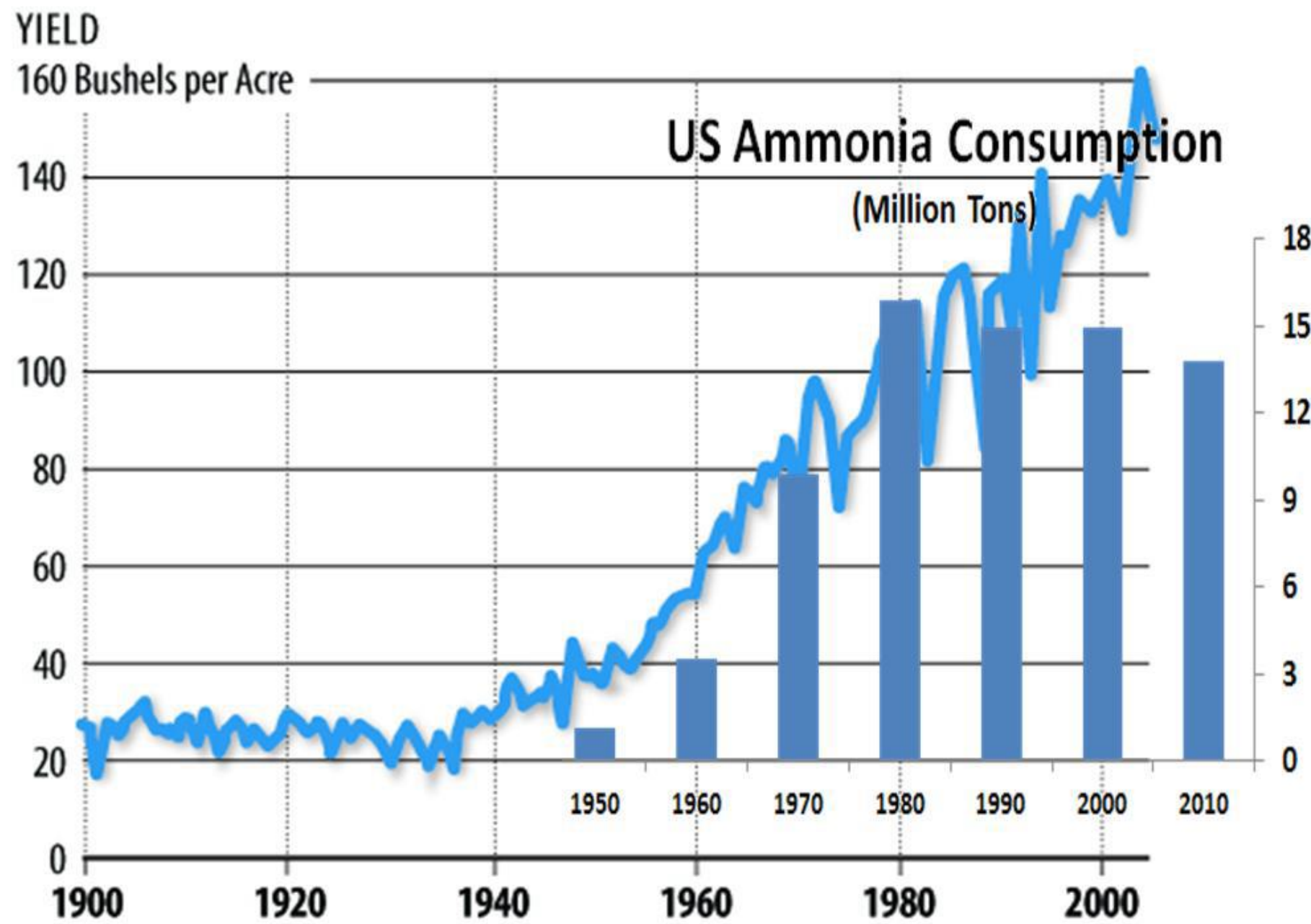
Ammonia consumption goes to the Haber Process which turns natural gas into Ammonium Nitrate fertilizer.

From Wikipedia:

“The Haber process now produces 450 million tons of nitrogen fertilizer per year, mostly in the form of anhydrous ammonia, ammonium nitrate, and urea. Three to five percent of the world's natural gas production is consumed in the Haber process (around 1–2% of the world's energy supply)...

In combination with pesticides, these fertilizers have quadrupled the productivity of agricultural land.”

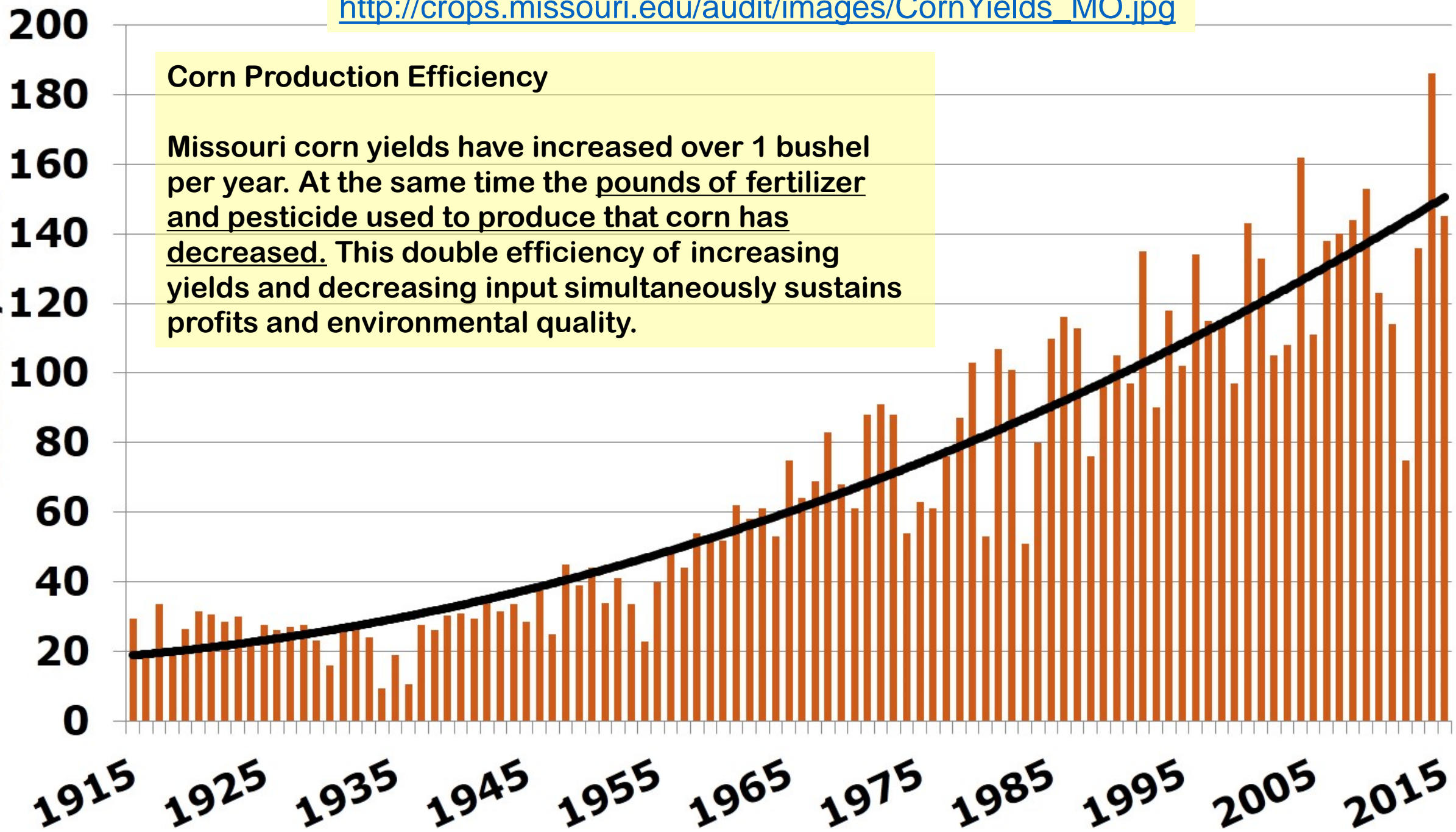
U.S. Corn Grain Yields, 1900-2005



Corn Production Efficiency

Missouri corn yields have increased over 1 bushel per year. At the same time the pounds of fertilizer and pesticide used to produce that corn has decreased. This double efficiency of increasing yields and decreasing input simultaneously sustains profits and environmental quality.

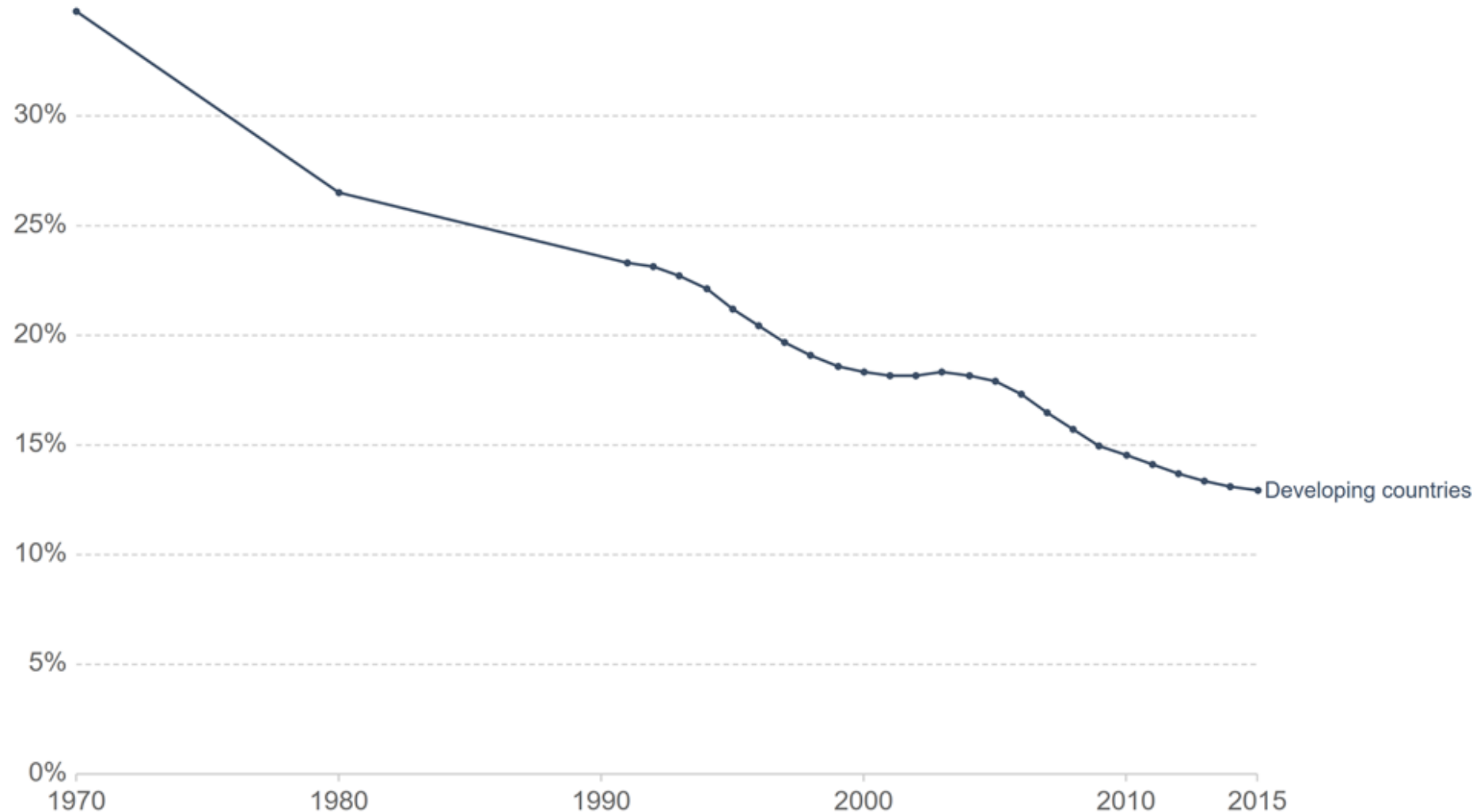
Bushels/Acre



Prevalence of undernourishment (%) in developing countries since 1970, 1970 to 2015

Our World
in Data

This is the main FAO hunger indicator. It measures the share of the population that consumes an amount of calories that is insufficient to cover the energy requirement for an active and healthy life (as defined by the minimum dietary energy requirement). Data from 1990 onwards is well-established within FAO estimates. Earlier estimates extending the period 1970-1989 are significantly more uncertain.



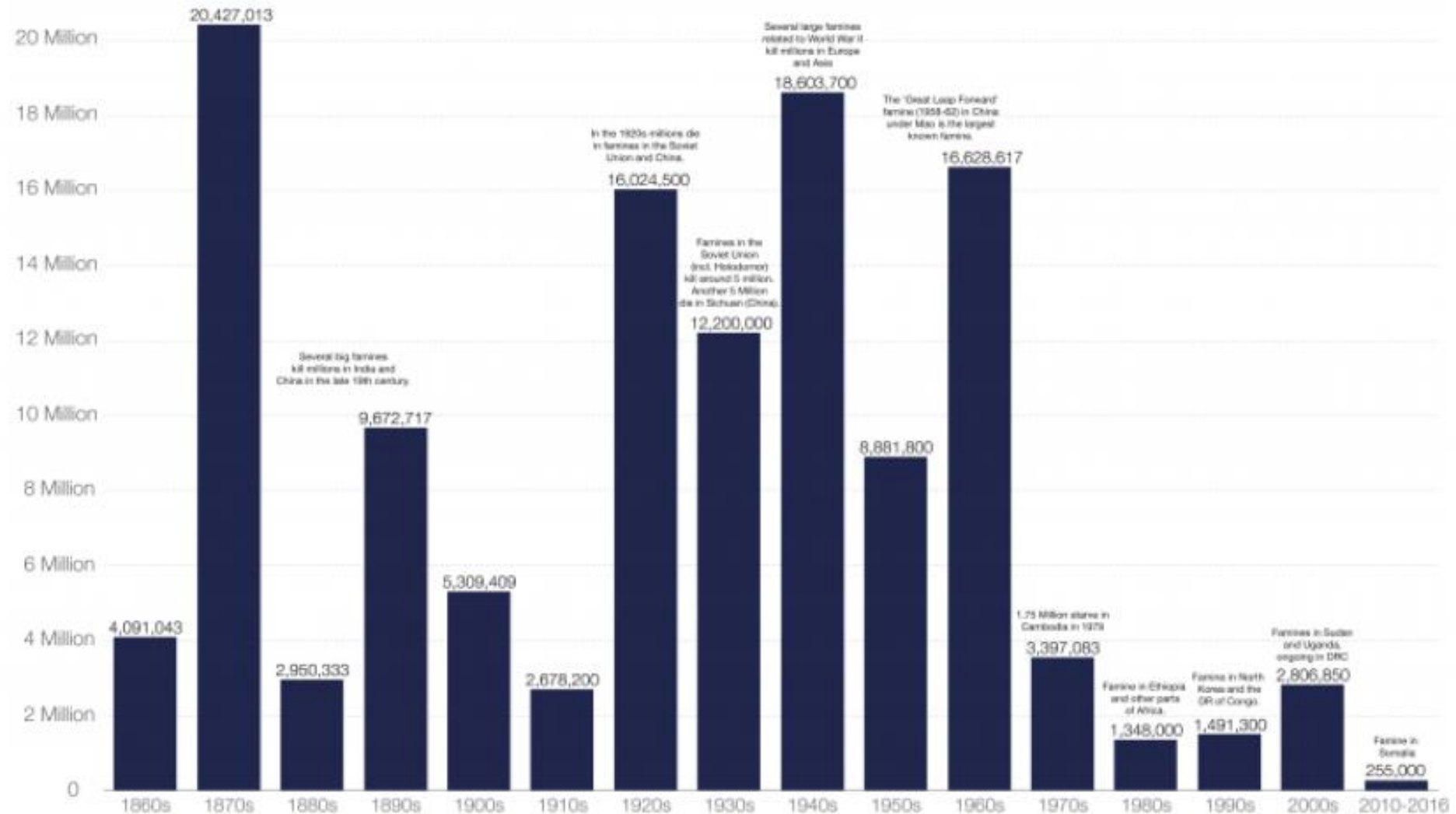
Famine victims worldwide since the 1860s



The excess mortality due to famines shown here is presented in detail on [OurWorldInData.org](https://ourworldindata.org).

For famines that happened at the end of a decade and the beginning of the next decade the famine victims are split by decade on a year by year basis.

For famines for which different excess mortality estimates are published the midpoint between these estimates is shown here.



Data source: [OurWorldInData.org/famines](https://ourworldindata.org/famines) [The dataset was constructed by Joe Hasell and Max Roser]

This visualization is available at [OurWorldInData.org](https://ourworldindata.org). There you find the full dataset and more research and visualizations on famines and global development.

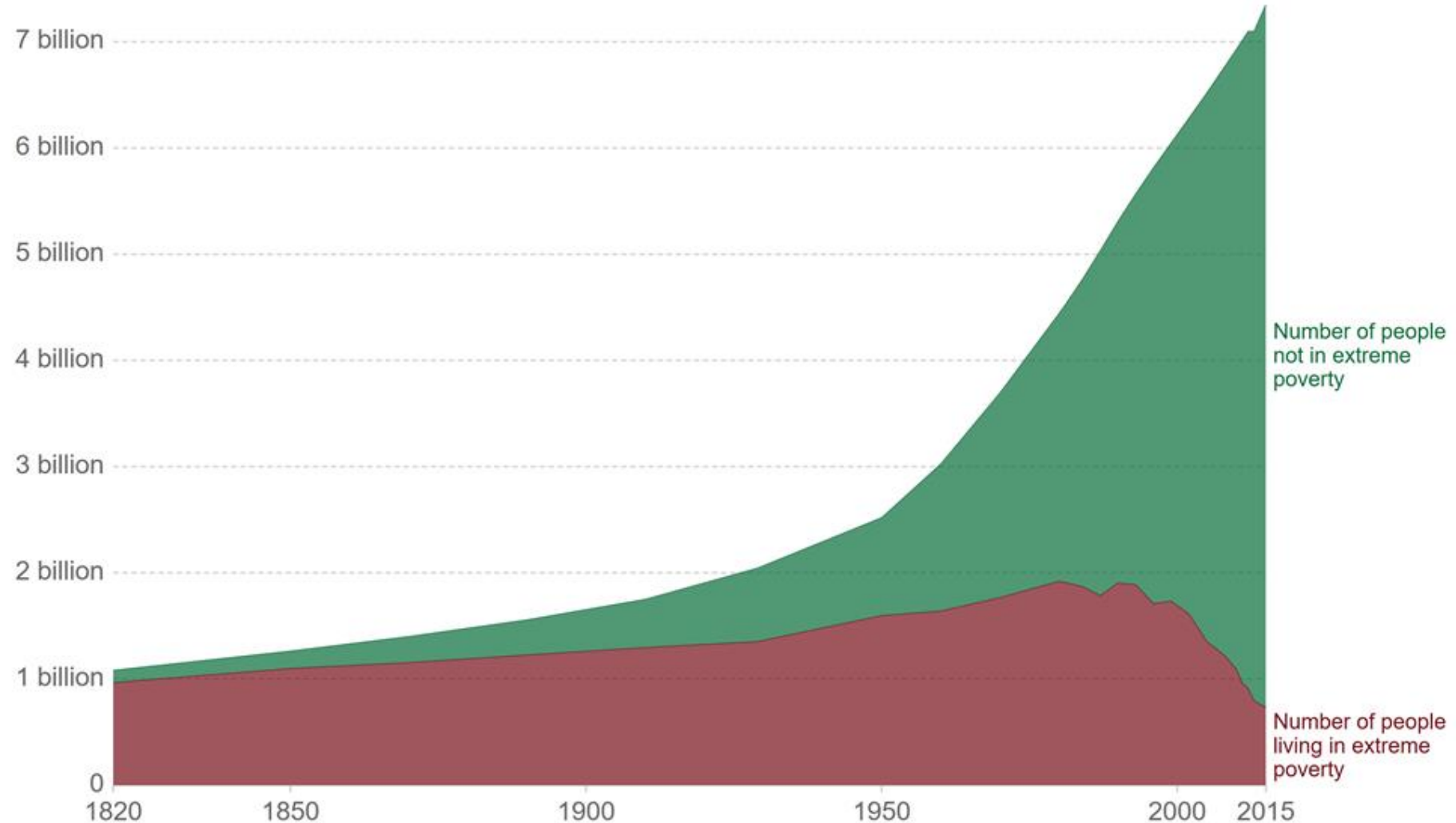
Licensed under [CC-BY-SA](https://creativecommons.org/licenses/by-sa/4.0/)

World population living in extreme poverty, 1820-2015

Our World
in Data

Extreme poverty is defined as living on less than 1.90 international-\$ per day.

International-\$ are adjusted for price differences between countries and for price changes over time (inflation).

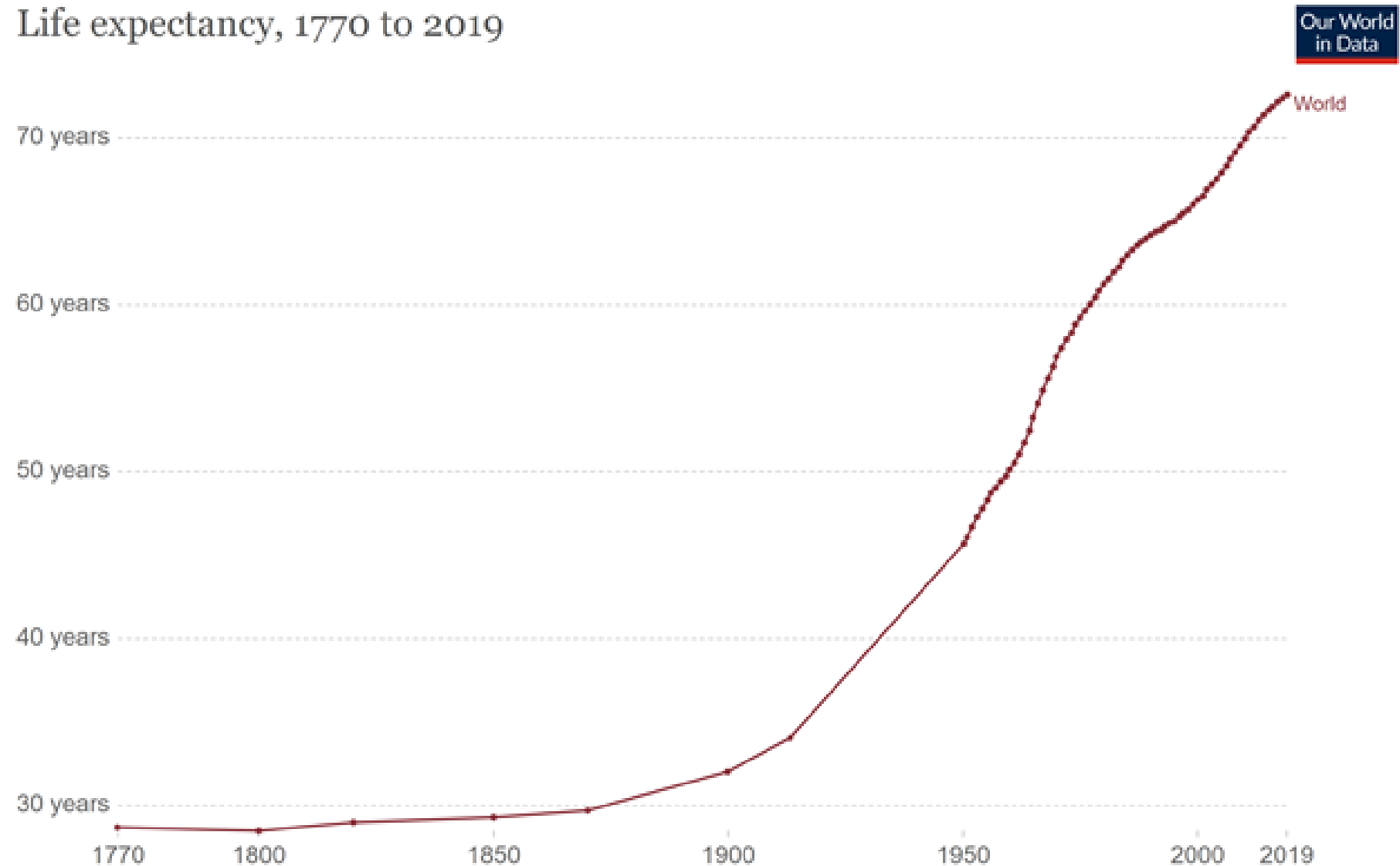


Source: Ravallion (2016) updated with World Bank (2019)

OurWorldInData.org/extreme-poverty/ • CC BY

Note: See OurWorldInData.org/extreme-history-methods for the strengths and limitations of this data and how historians arrive at these estimates.

Life expectancy, 1770 to 2019



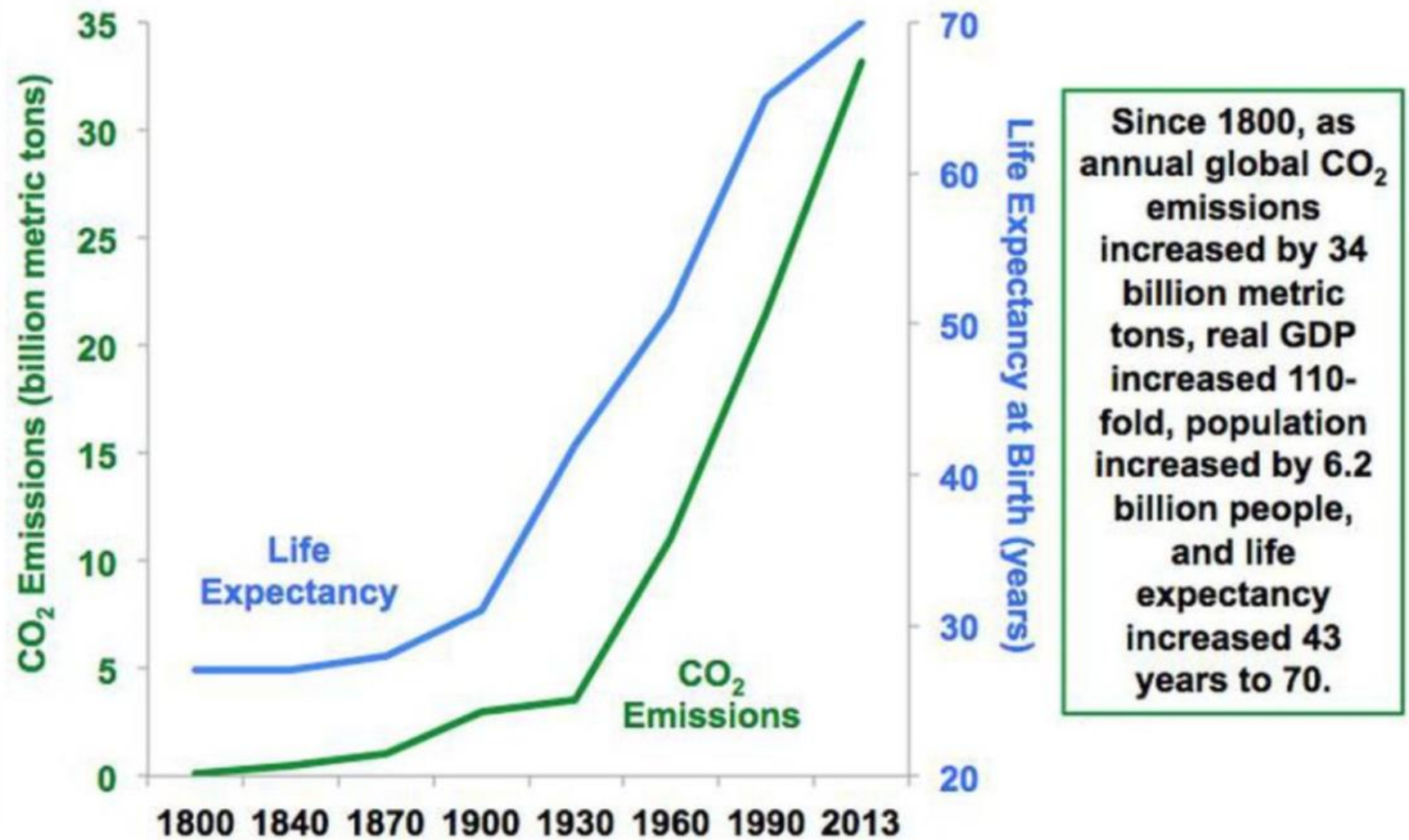
Source: Riley (2005), Clio Infra (2015), and UN Population Division (2019)

Note: Shown is period life expectancy at birth, the average number of years a newborn would live if the pattern of mortality in the given year were to stay the same throughout its life.

OurWorldInData.org/life-expectancy • CC BY

Life Expectancy Has Soared in the “CO₂-Era”

<https://notrickszone.com/2020/12/06/former-wmo-official-co2-insignificant-for-balance-of-energy-completely-unnecessary-to-reduce-co2/>

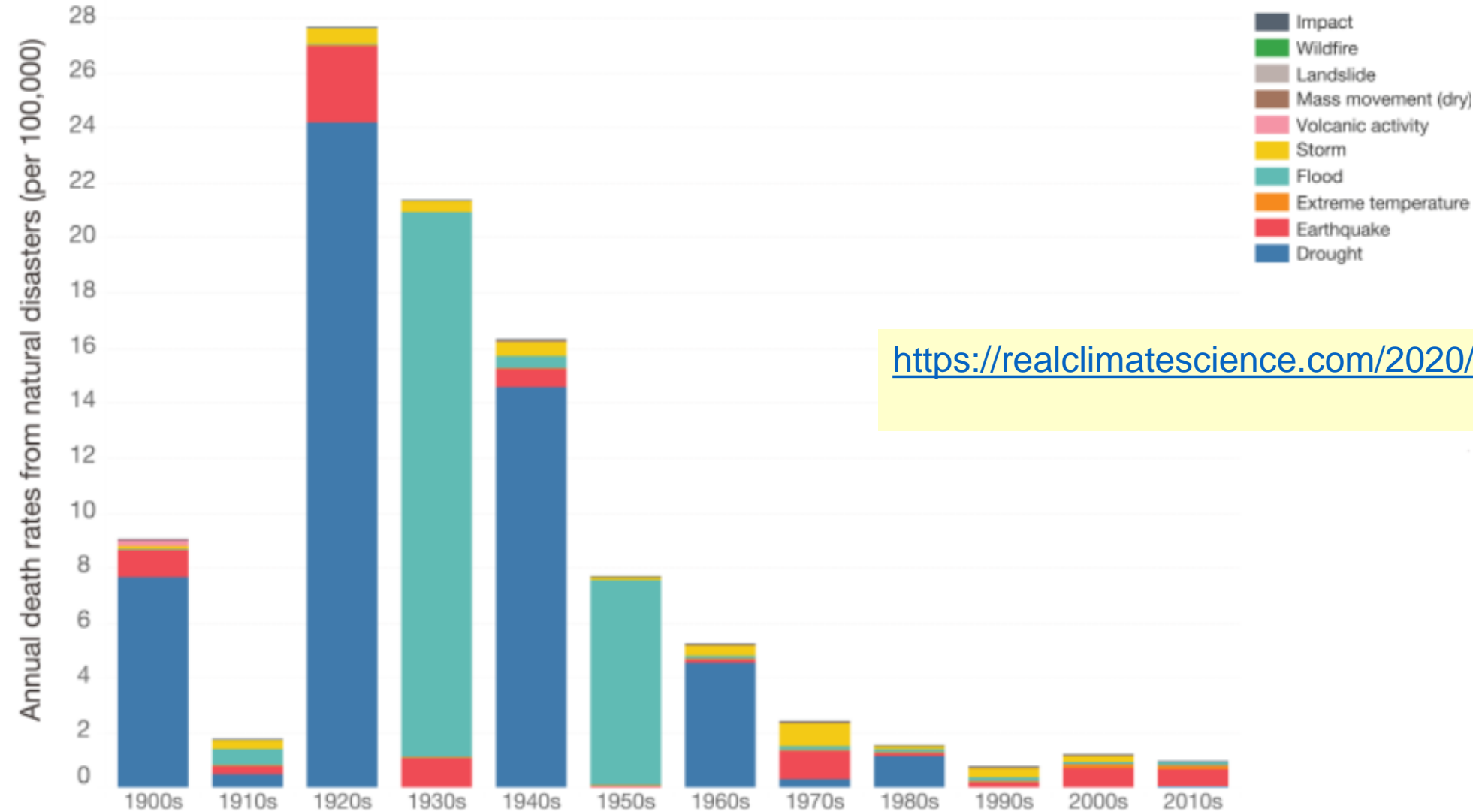


Sources: Earth Policy Institute; IEA; WHO

Global annual death rate from natural disasters, by decade

Global death rate measured as the number of deaths per 100,000 of the world population.

This is given as the annual average per decade (by decade 1900s to 2000s; and then six years from 2010-2015).



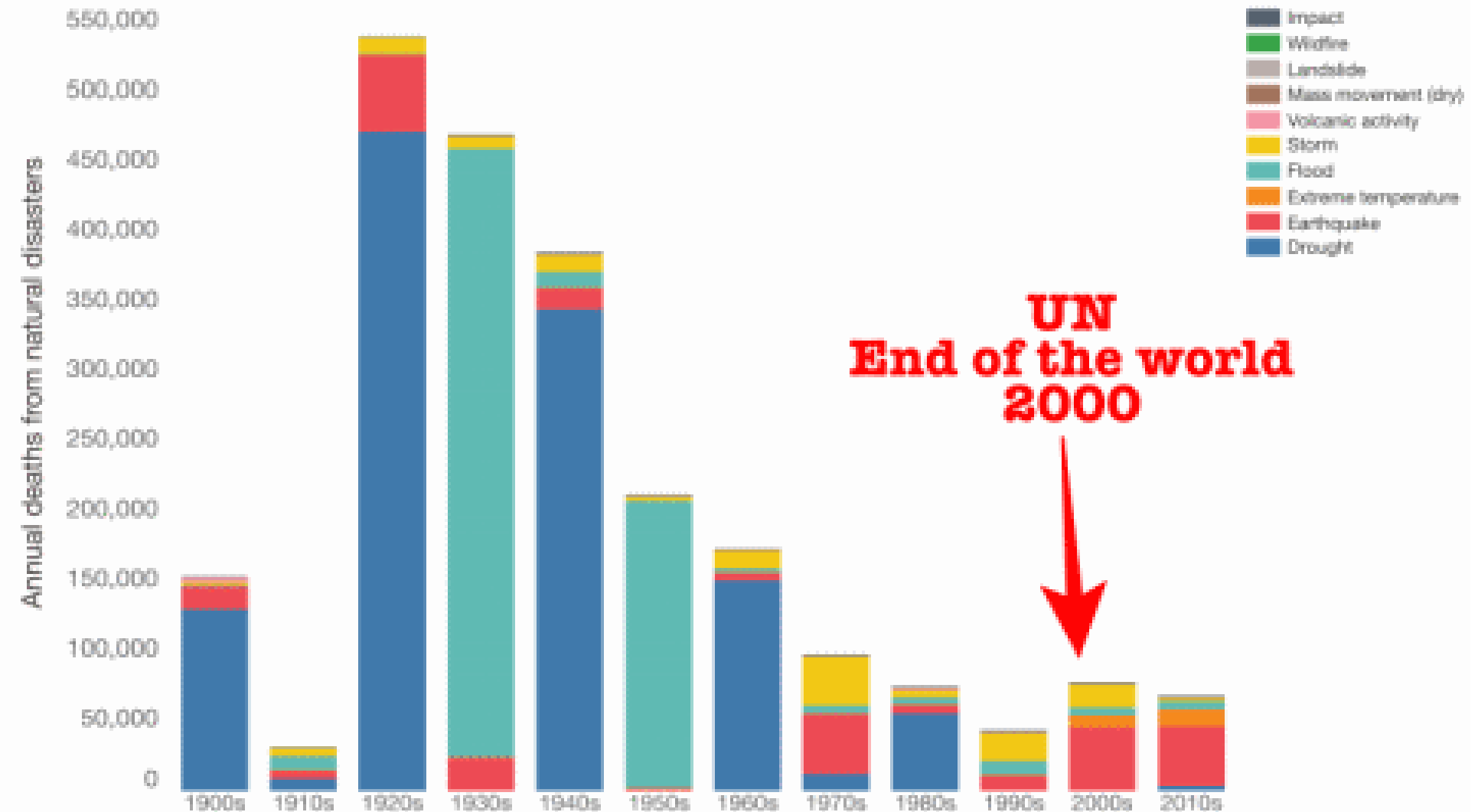
<https://realclimatescience.com/2020/12/amplifying-fear/>

Global annual deaths from natural disasters, by decade



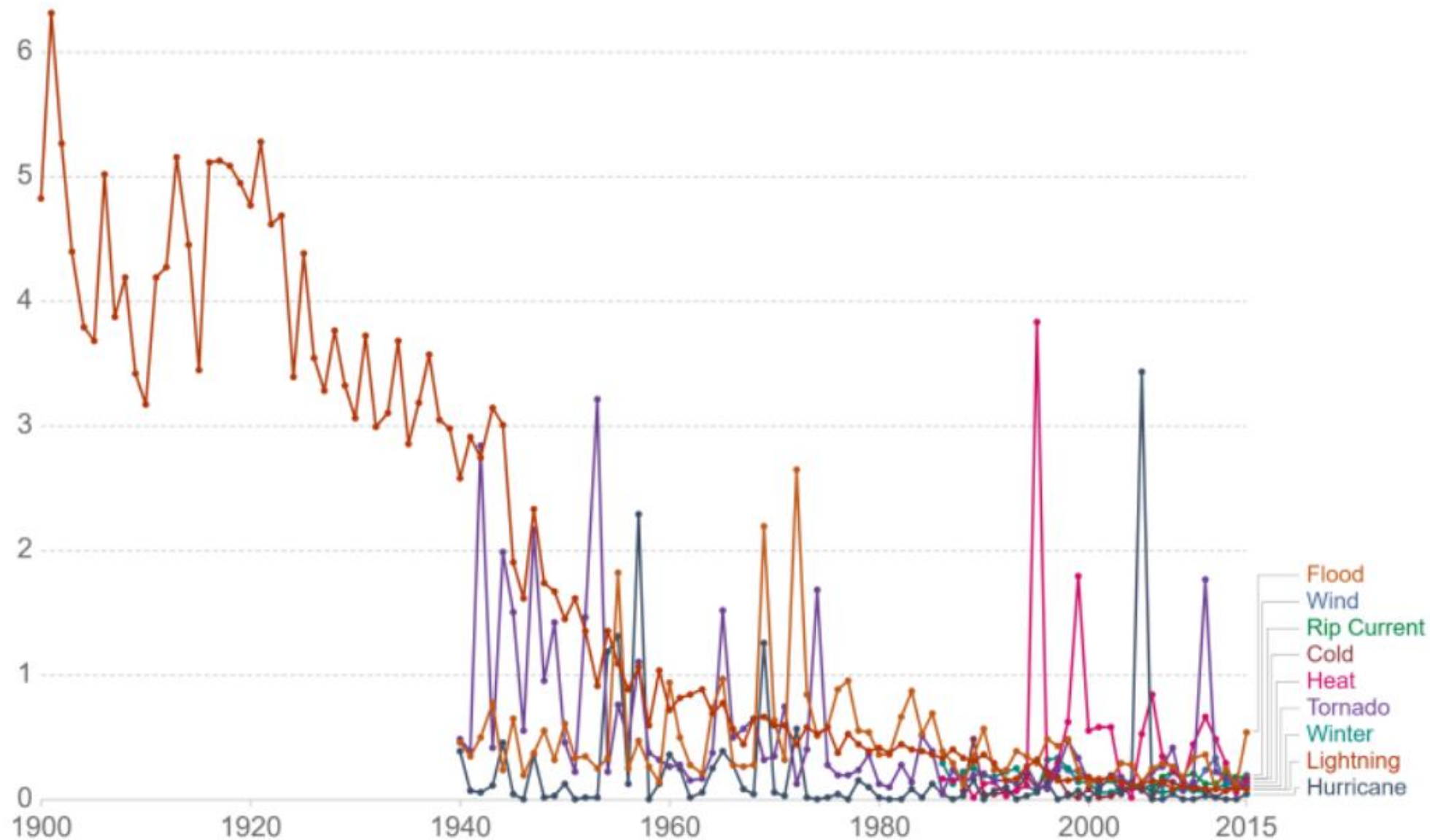
Absolute number of global deaths from natural disasters, per year.

This is given as the annual average per decade (by decade 1900s to 2000s; and then six years from 2010-2015).



Fatality rates in the US due to weather events

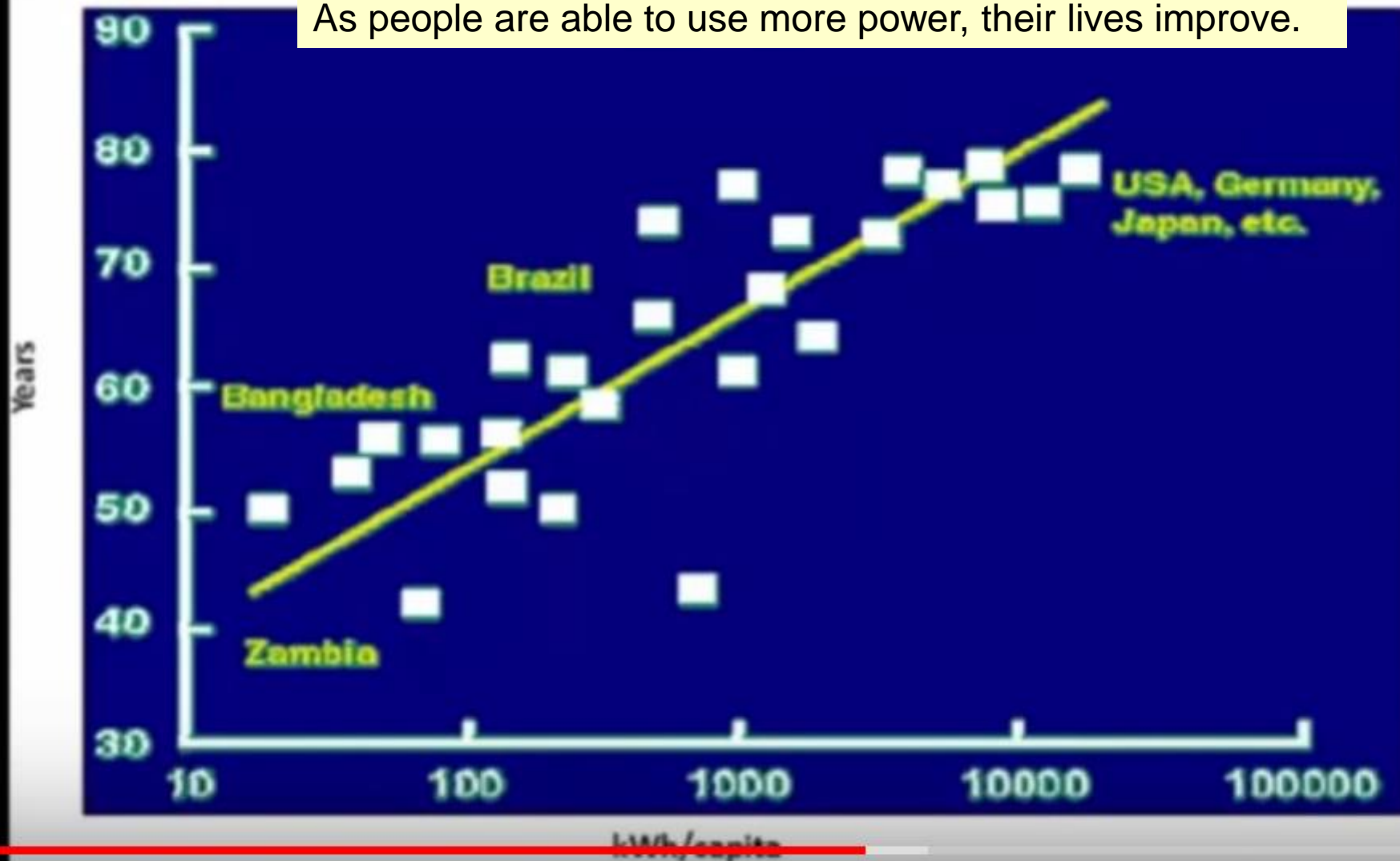
Annual death rate from weather events, measured per million individuals.



Source: Our World In Data based on NOAA, Lopez Holle and population data

OurWorldInData.org/natural-disasters/ • CC BY

As people are able to use more power, their lives improve.

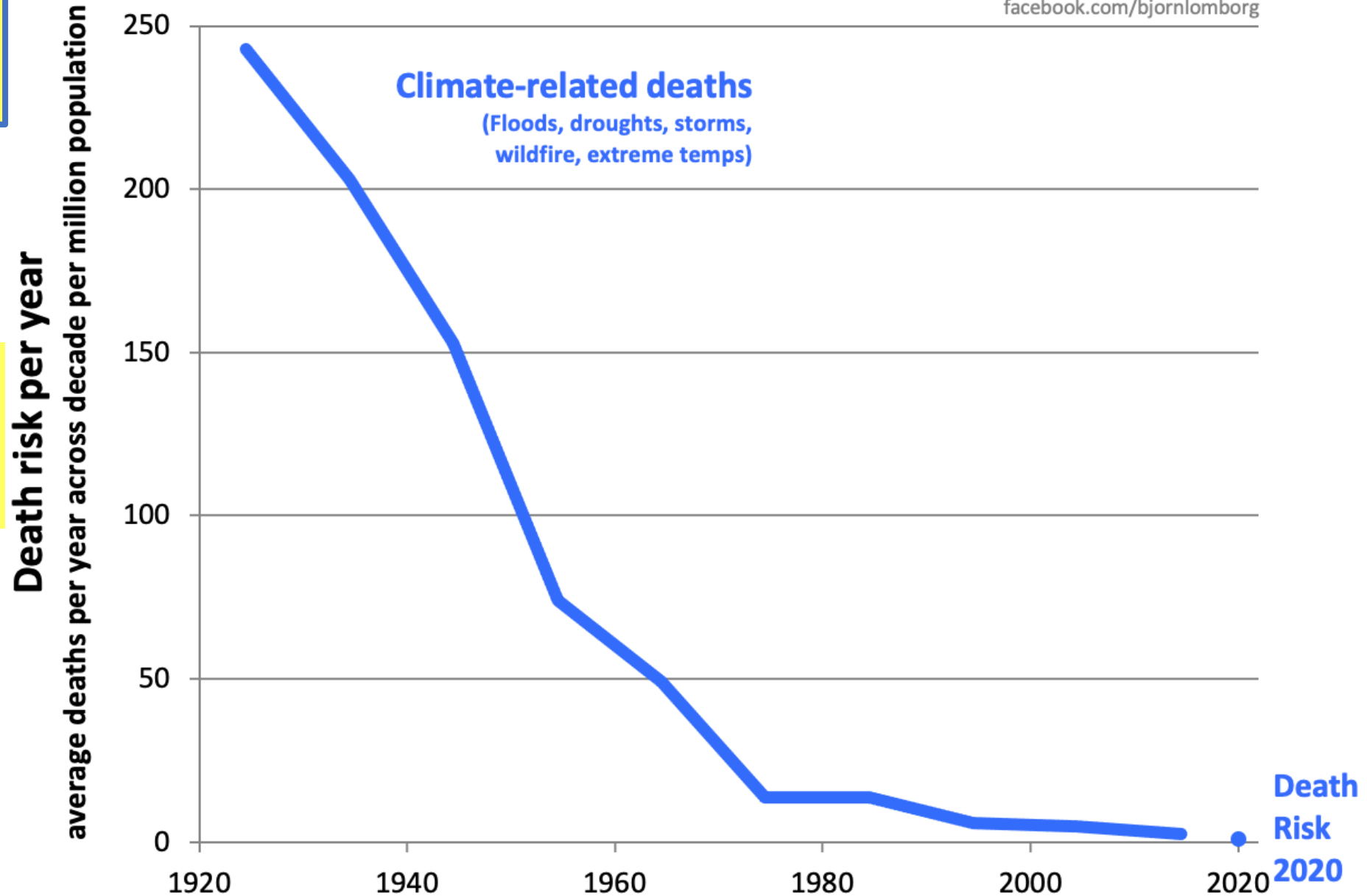


A high value on human life means moving people up on the energy curve

Source: World Resources Institute, IEEE Spectrum

Climate-related Death Risk 1920-2020

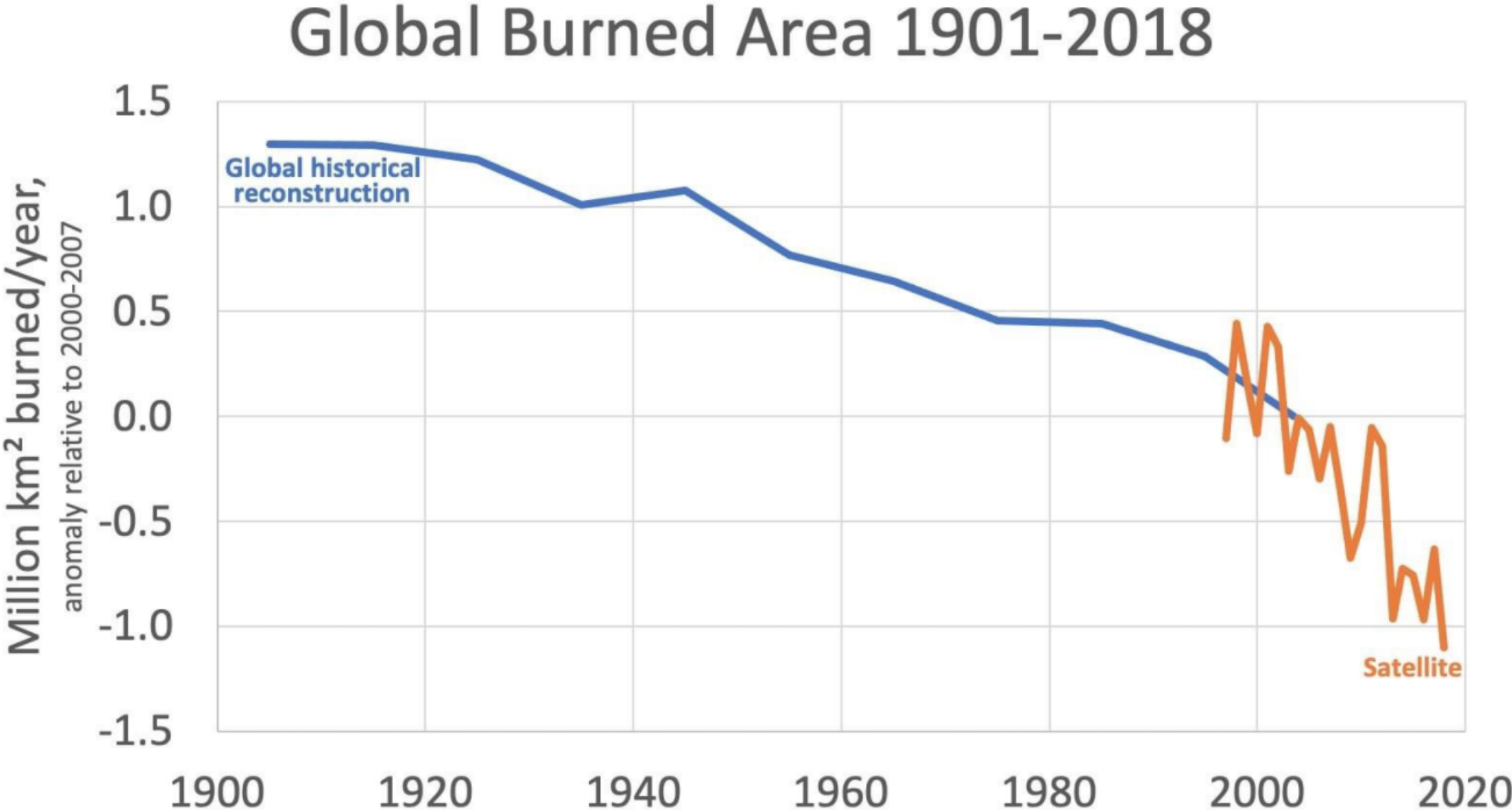
facebook.com/bjornlomborg



OFDA/CRED International Disaster Database, www.emdat.be, deaths averaged over decades 1920-29, 1930-1939, ... 2010-2019, with data from 2020, as start of next decade, accessed January 1, 2021

After 100 years of climate change, 'climate related deaths' approach zero

<https://climaterealism.com/wp-content/uploads/2021/01/climate-related-deaths-1920-2020.png>



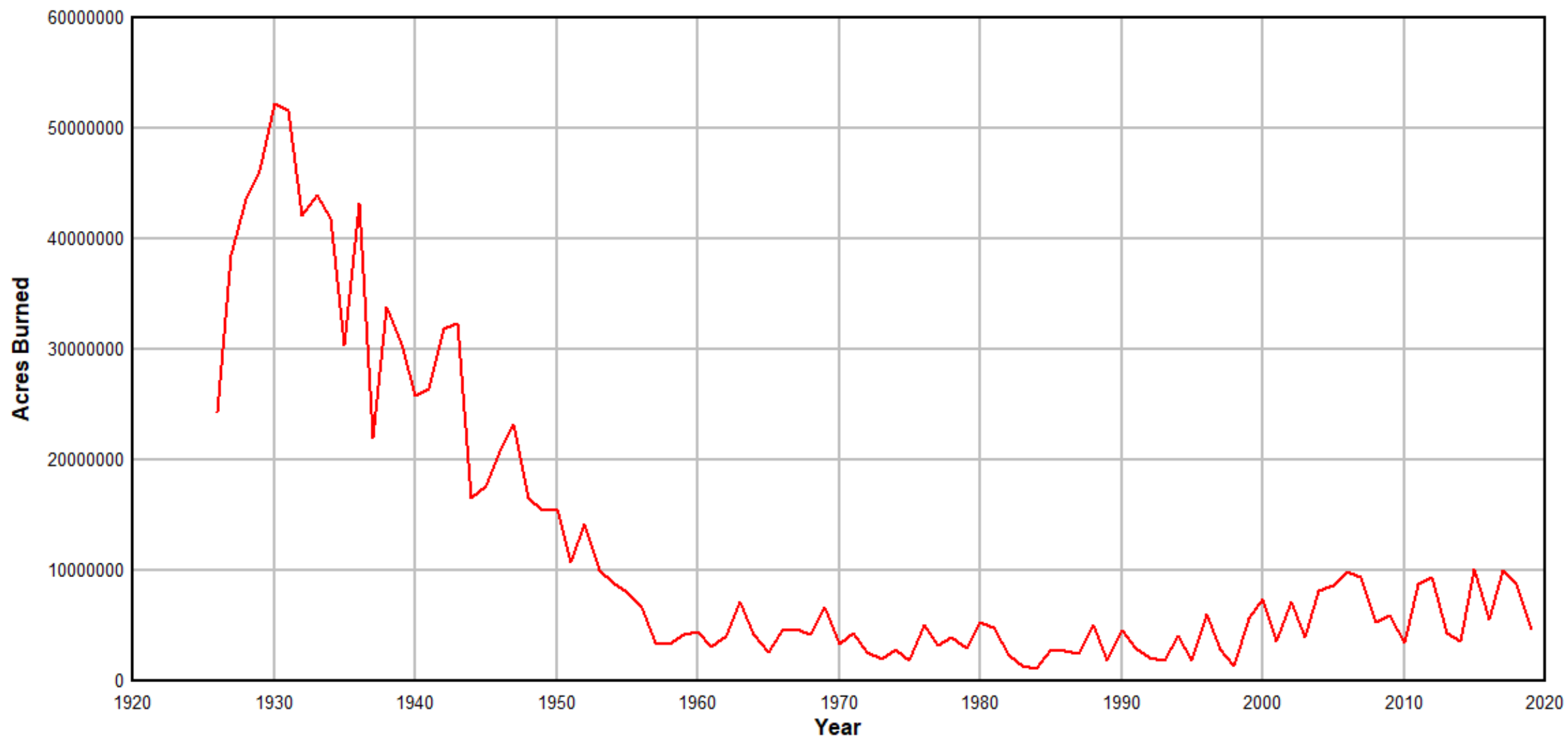
1901-2007 from <https://agupubs.onlinelibrary.wiley.com/doi/abs/10.1002/2013JG002532>, 1997-2016 from <http://globalfiredata.org/analysis.html>, and 2017-18 from <https://gwis.jrc.ec.europa.eu/static/gwis.statistics.portal/countries-estimates/NA>. While estimates of global burned area attempt to be internally consistent, they differ in scope, hence data here shown as difference from 2000-7. Model estimate for that period is 3.63Mkm², satellite estimate for period is 4.88Mkm². twitter.com/bjornlomborg

Wildland Fires: Number of Acres Burned in the USA

1926-2019

Source: National Interagency Fire Center

https://www.nifc.gov/fireInfo/fireInfo_stats_totalFires.html

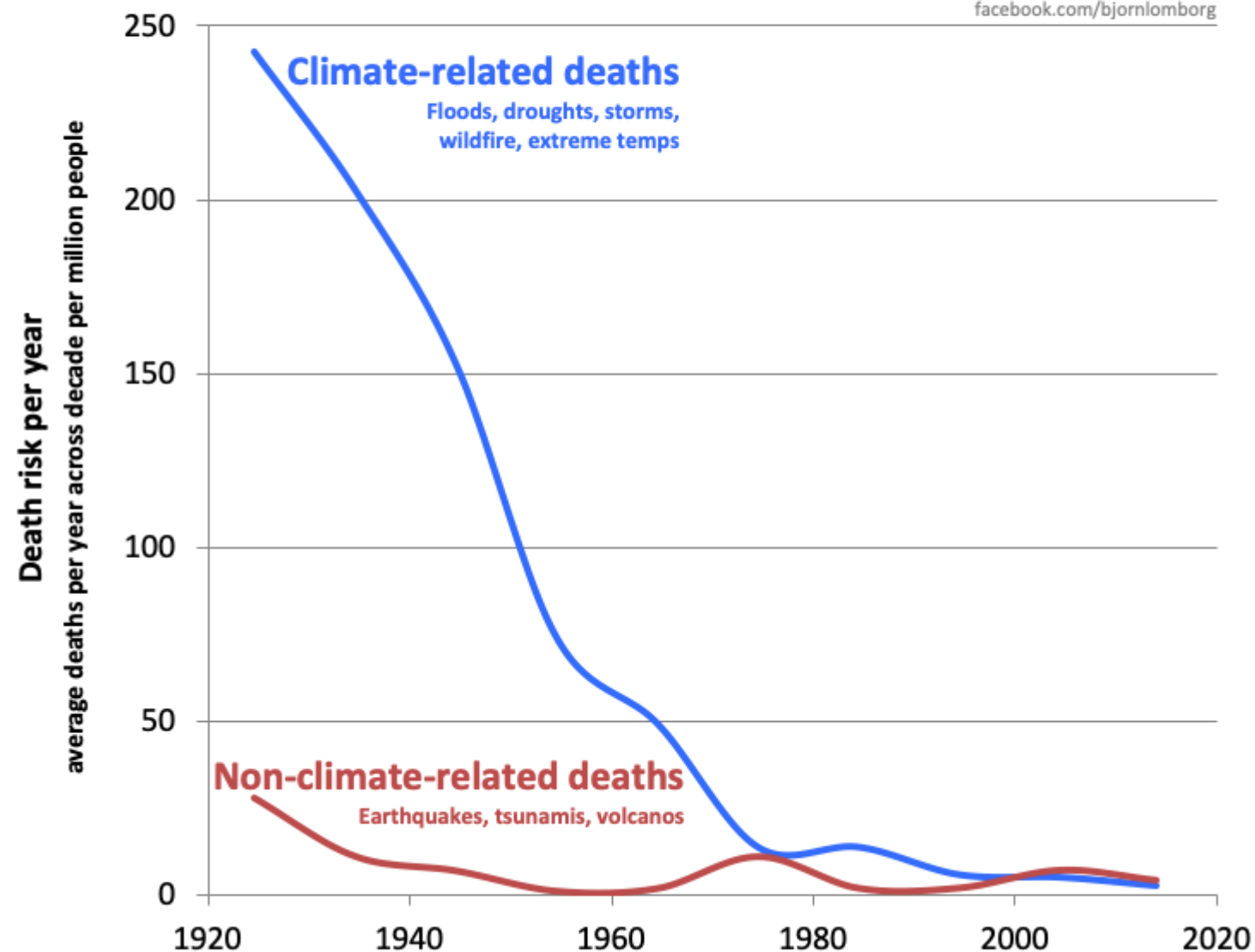


<https://wattsupwiththat.com/2019/01/27/inverse-hockey-stick-climate-related-death-risk-for-an-individuals-down-99-since-1920/>

“There is some uncertainty about complete reporting from early decades, which is why this graph starts in 1920, and if anything this uncertainty means the graph *underestimates* the reduction in deaths.”

Global Death Risk from Climate and non-Climate Catastrophes, 1920-2018

facebook.com/bjornlomborg



Let's consider human death rates as a component of the so-called "existential threat" from human-caused CO₂-fueled global warming

Would that mean increasing deaths from the heat or freezing to death? Let's see.

<https://www.usatoday.com/story/weather/2015/05/20/cold-weather-deaths/27657269/>



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NEWS

SPORTS

LIFE

MONEY

TECH

TRAVEL

OPINION



75°

CROSSWORDS

M

Study: Cold kills 20 times more people than heat

Doyle Rice, USA TODAY

Published 6:32 p.m. ET May 20, 2015 | Updated 9:07 a.m. ET May 21, 2015

“ Cold weather ...20 times as deadly as hot weather... it's not the extreme low/high temperatures that cause...most deaths...study...published Wednesday.

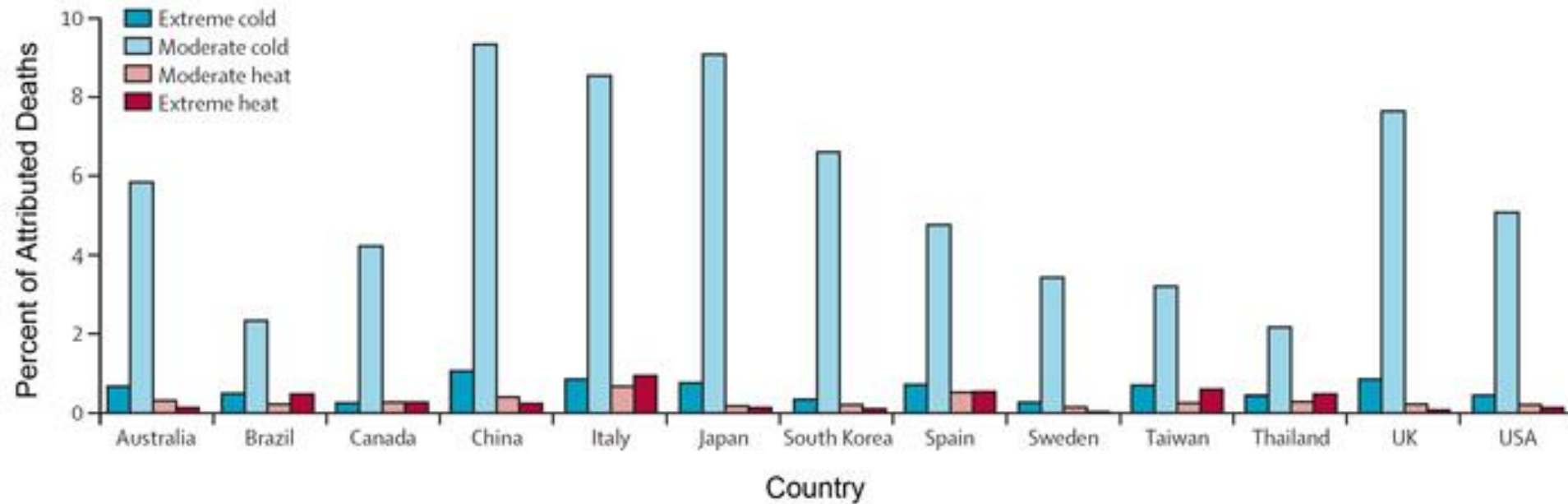
Majority of deaths occurred on moderately hot and moderately cold days instead of during extreme temperatures.

“... risk of mortality due to extremely cold or hot days is actually higher, they are less frequent,”
...author Antonio Gasparrini, London School of Hygiene & Tropical Medicine.

The study...(was)...published in the British journal *The Lancet*...

Cold waves kill many more people than heat waves.

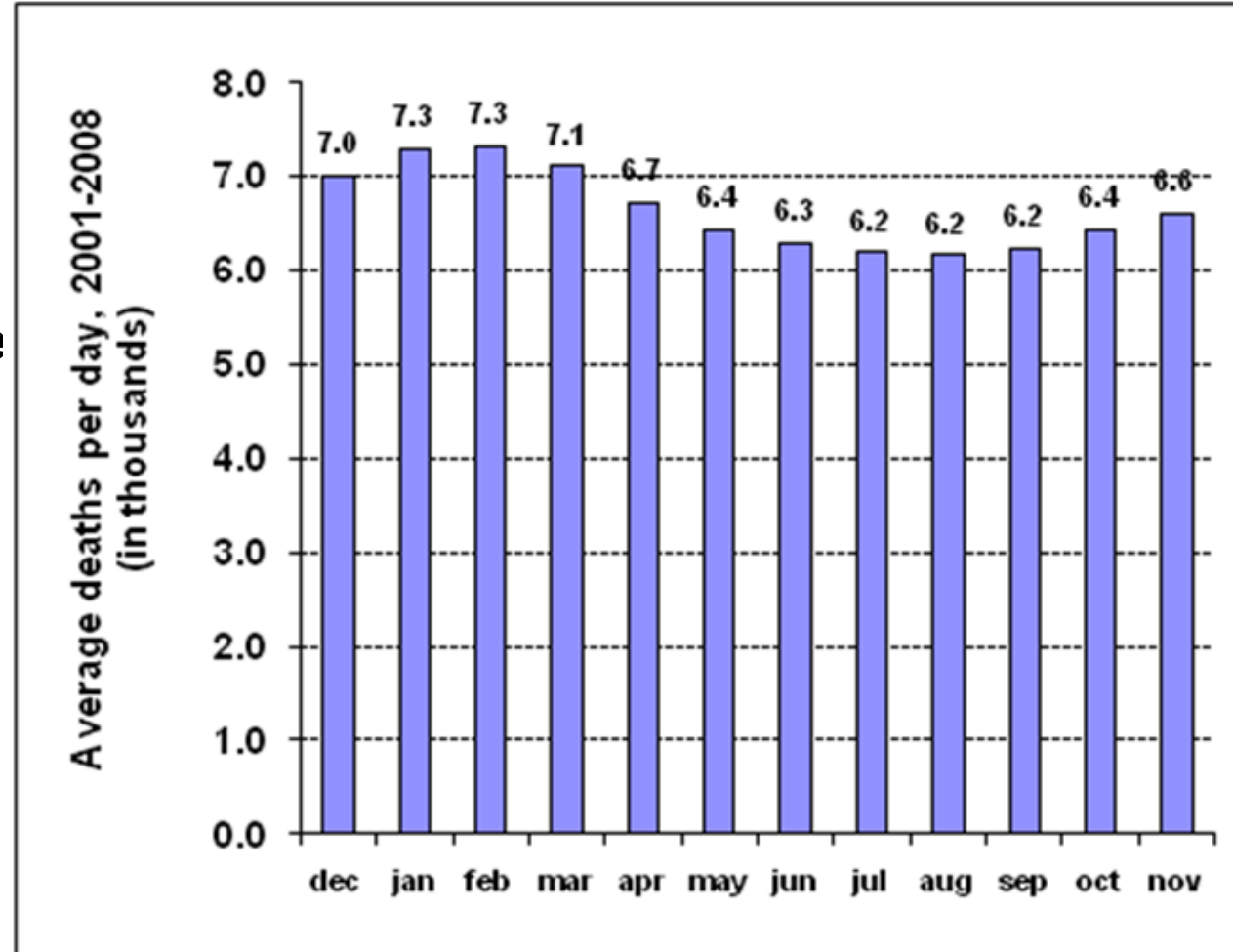
Percent of Deaths Due to Moderate and Extreme Episodes of Heat and Cold



Fraction of all-cause mortality attributable to moderate and extreme hot and cold temperature by country. (Source: Gasparrini et al., 2015).

The data show that it is Cold Temperatures which cause the highest human death rates; Warmer Temperatures have lower death rates.

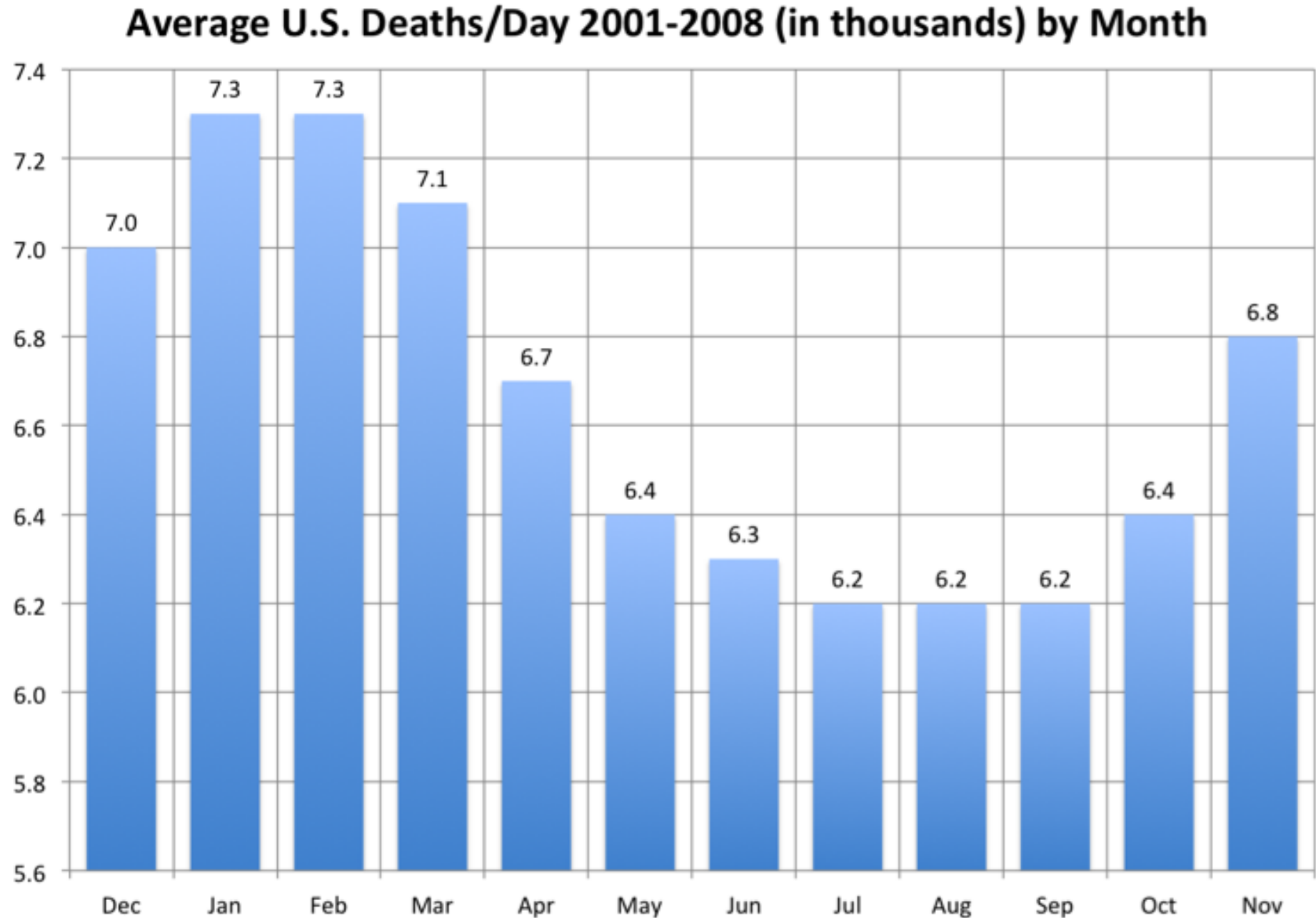
Increased
Climate



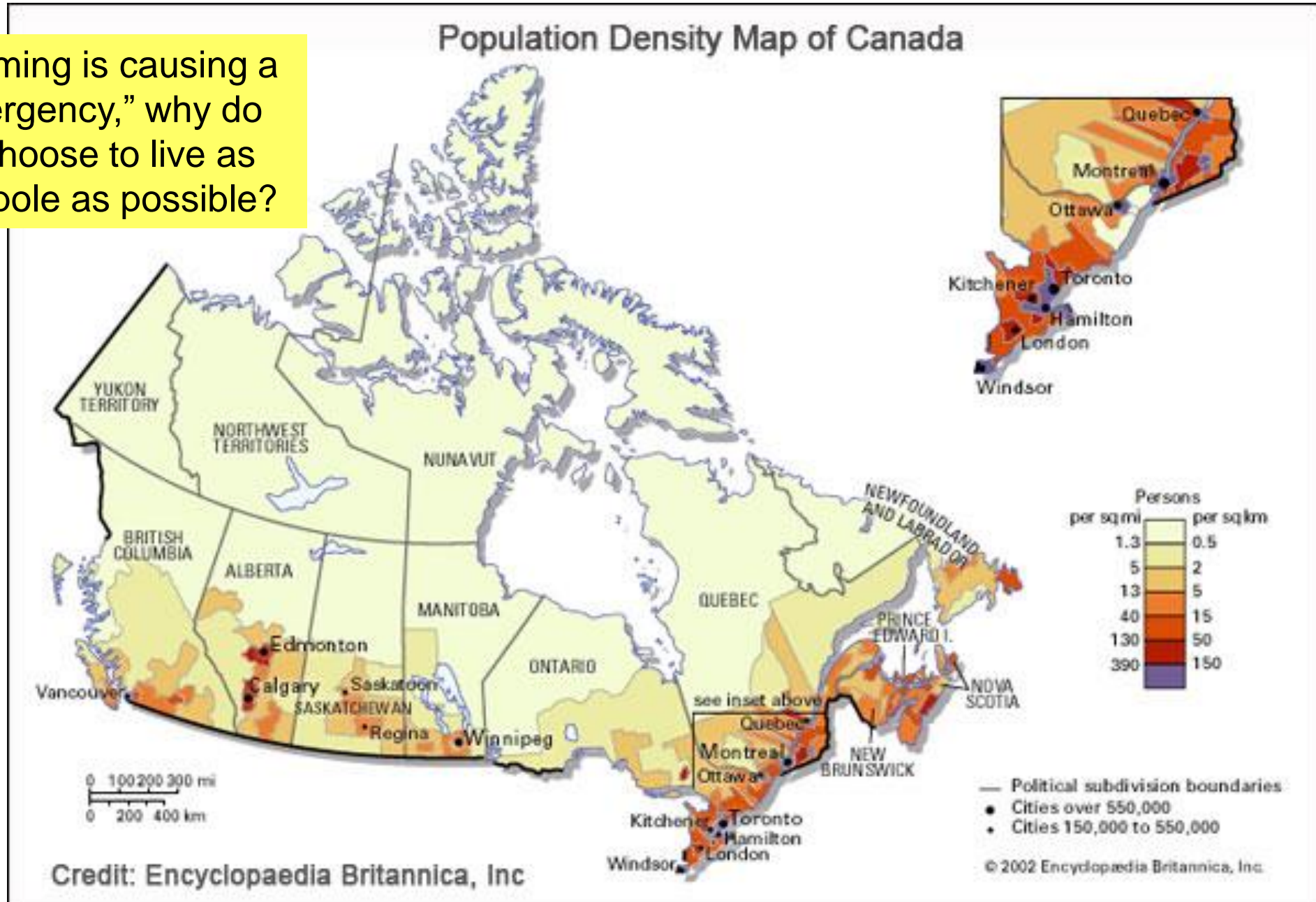
US National Center for Health Statistics, DataWarehouse

http://www.cdc.gov/nchs/datawh/statab/unpubd/mortabs/gmwkIV_10.htm

The data show that in the USA, deaths are the maximum in the winter, and a minimum in the summer.

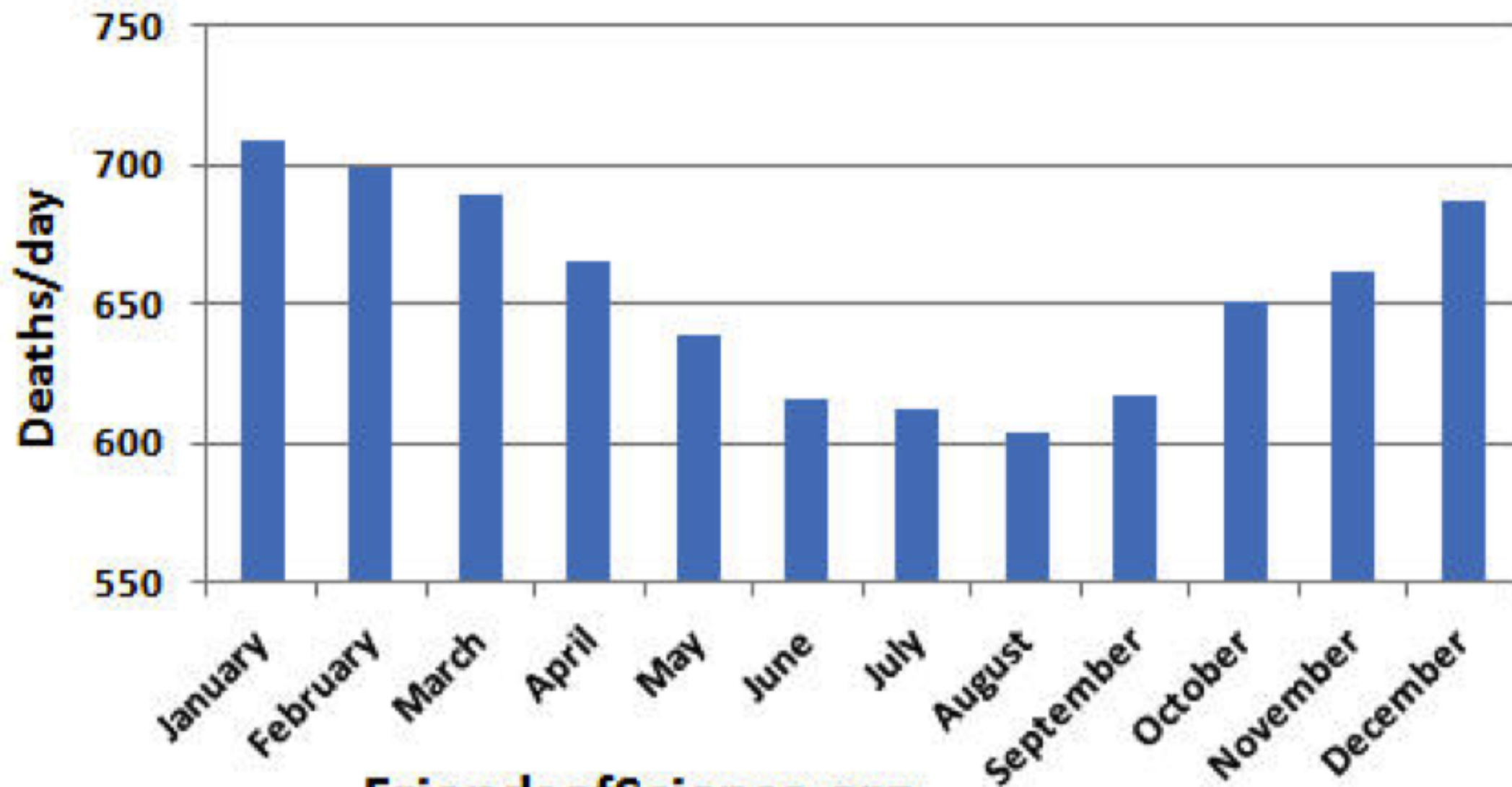


If global warming is causing a “climate emergency,” why do Canadians choose to live as far from the pole as possible?



Death Rate in Canada by Month

Average 2007 to 2011



FriendsofScience.org

Figure 1: Excess winter deaths and five-year central moving average

England and Wales, between 1950 to 1951 and 2017 to 2018

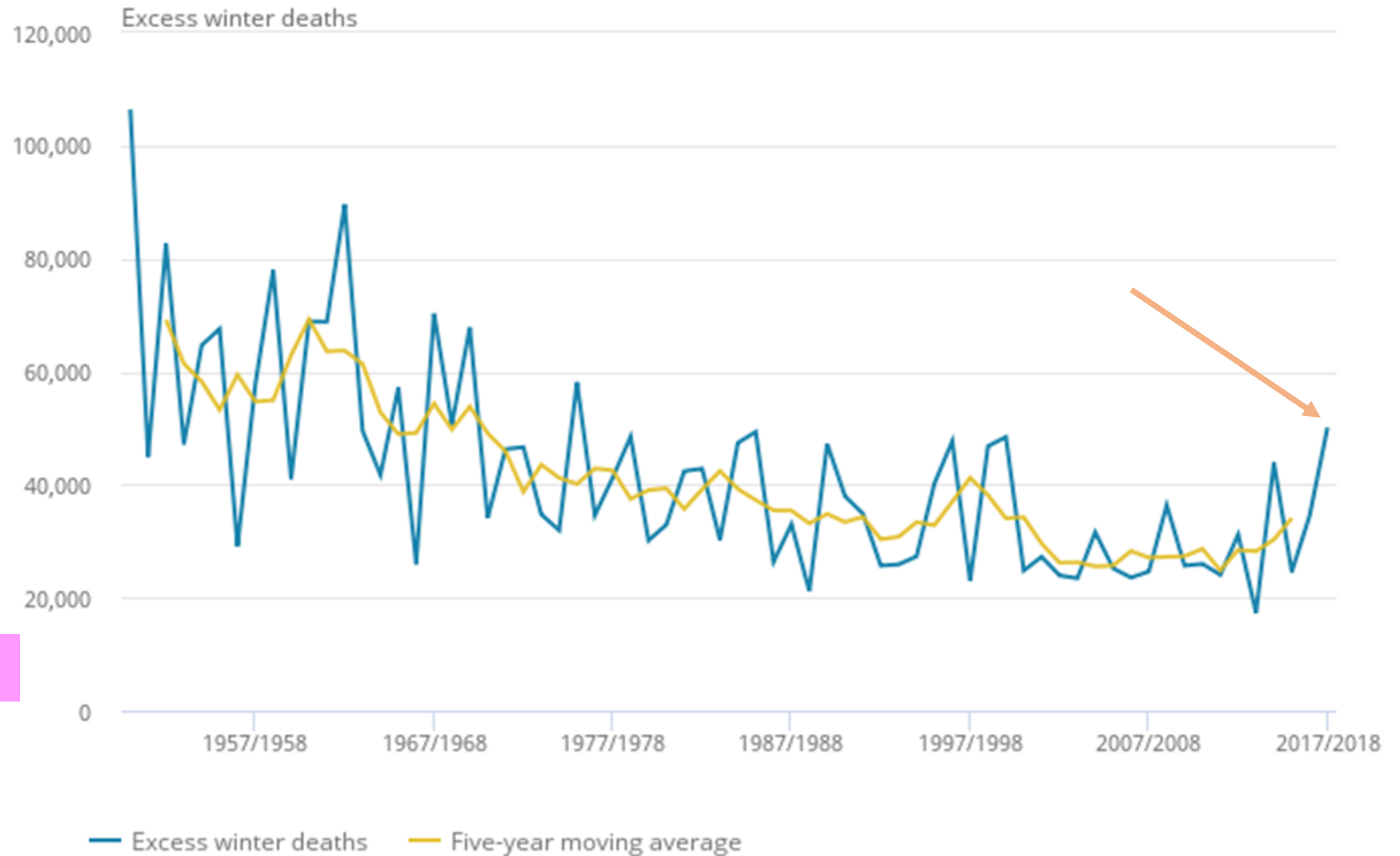
<https://notalotofpeopleknowthat.wordpress.com/2018/12/04/excess-winter-deaths-highest-since-1976/>

2017-2018 Winter (arrow)
saw an increase in UK's
number of increased
deaths since 1976

Source:

UK office of National
Statistics.

Next graphic shows why



2018 British Isles cold wave

From Wikipedia, the free encyclopedia



This article **is missing information** about the effects on Ireland. Please expand the article to include this information. Further details may exist on the [talk page](#). *(September 2018)*

Anticyclone Hartmut (dubbed the ***Beast from the East*** (Irish: *An Torathar ón Oirthear*)^{[5][6][7]}) was a storm that began on 22 February 2018, and brought a [cold wave](#) to Great Britain and Ireland. Anticyclone Hartmut also brought widespread unusually low temperatures and heavy snowfall to large areas.^[8] The cold wave combined with [Storm Emma](#), part of the [2017–18 European windstorm season](#), which made landfall in southwest England and the south of Ireland on 2 March.

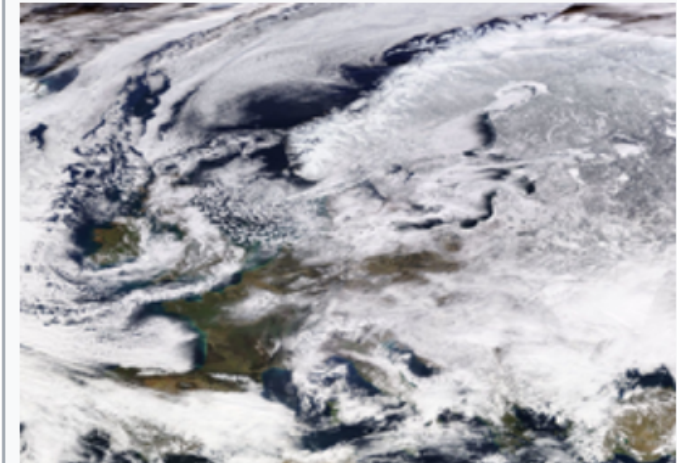
In contrast to usual winter storms, Hartmut was not formed as a normal [low pressure area](#) along the [jetstream](#). The initial event was an [Arctic outbreak](#) caused by a disordered [polar vortex](#) into [Central Europe](#), transporting not only cold air from [Siberia](#) to Europe, but due to the [lake effect](#), sent much snow into [Great Britain](#) and [Ireland](#).

This weather situation repeated itself on the weekend of 17 and 18 March, but was less severe than on the previous occasion, due to the onset of spring. This briefer cold snap was given the name "Mini Beast from the East".

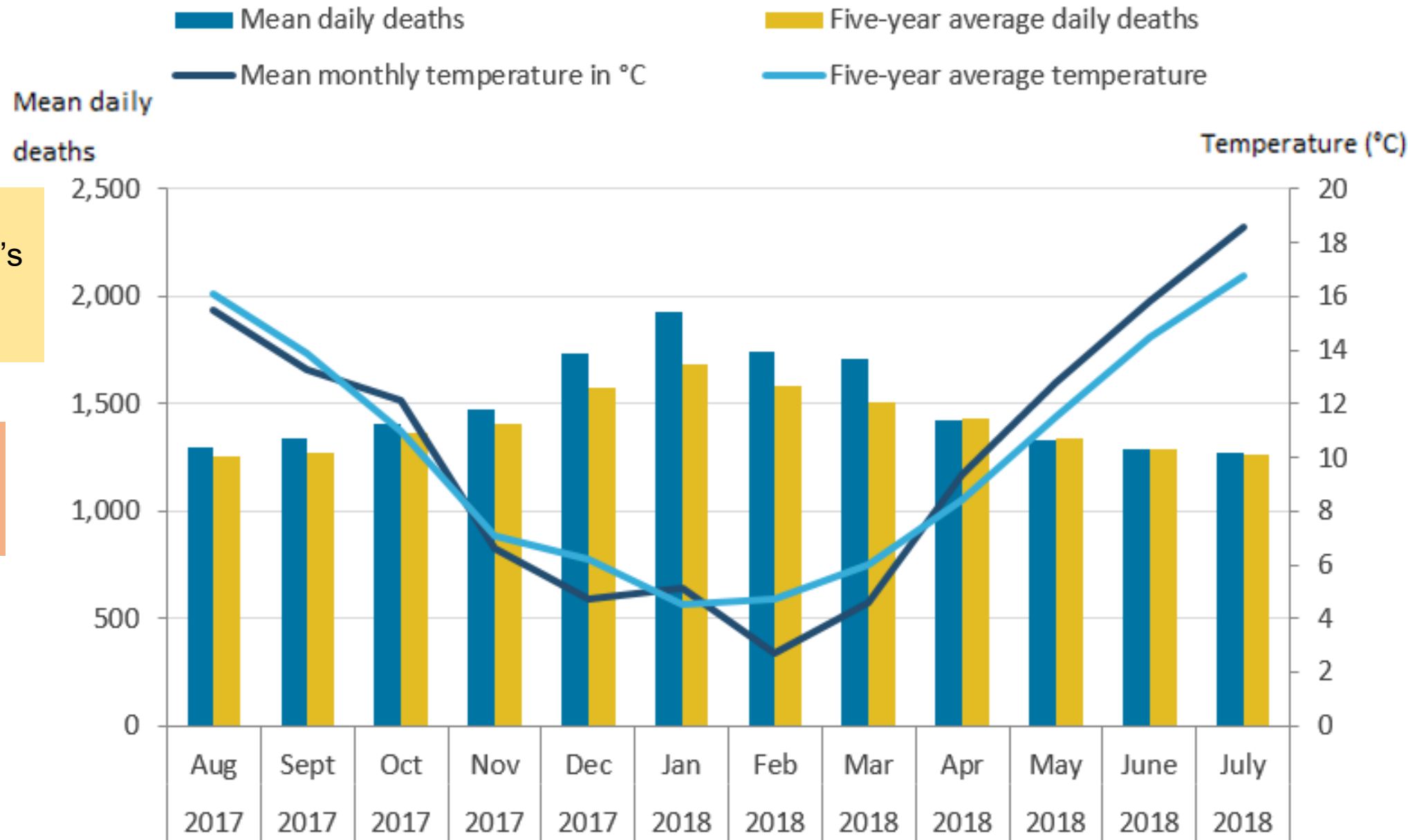
Contents [\[hide\]](#)

1 [Causes and effects](#)

Anticyclone Hartmut *Beast from the East*



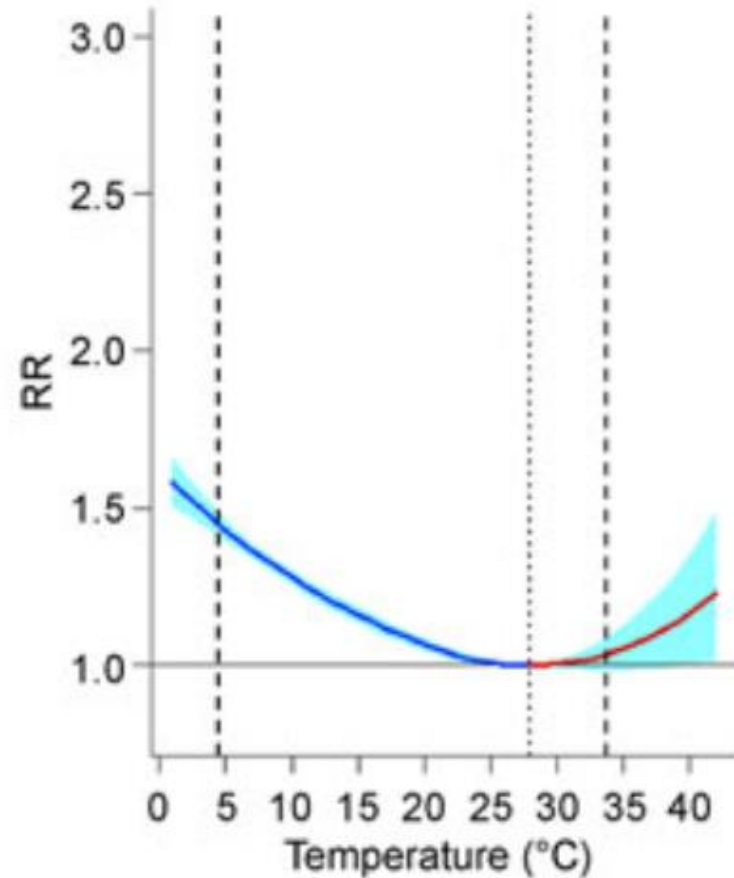
Satellite view showing Europe, including Great Britain and Ireland partially covered in snow under the lines of the strong cold wave on 27



2017-2018 Winter
Saw an increase in UK's
number of increased
Deaths since 1976

As temperatures
decrease, numbers
of deaths Increase.

(a) 30-day Cumulative Relative Risk (RR) of Mortality Due to Temperature



(b) Proportion of Deaths in the Lisbon Metropolitan Area Attributed to Temperature (1986-2005)

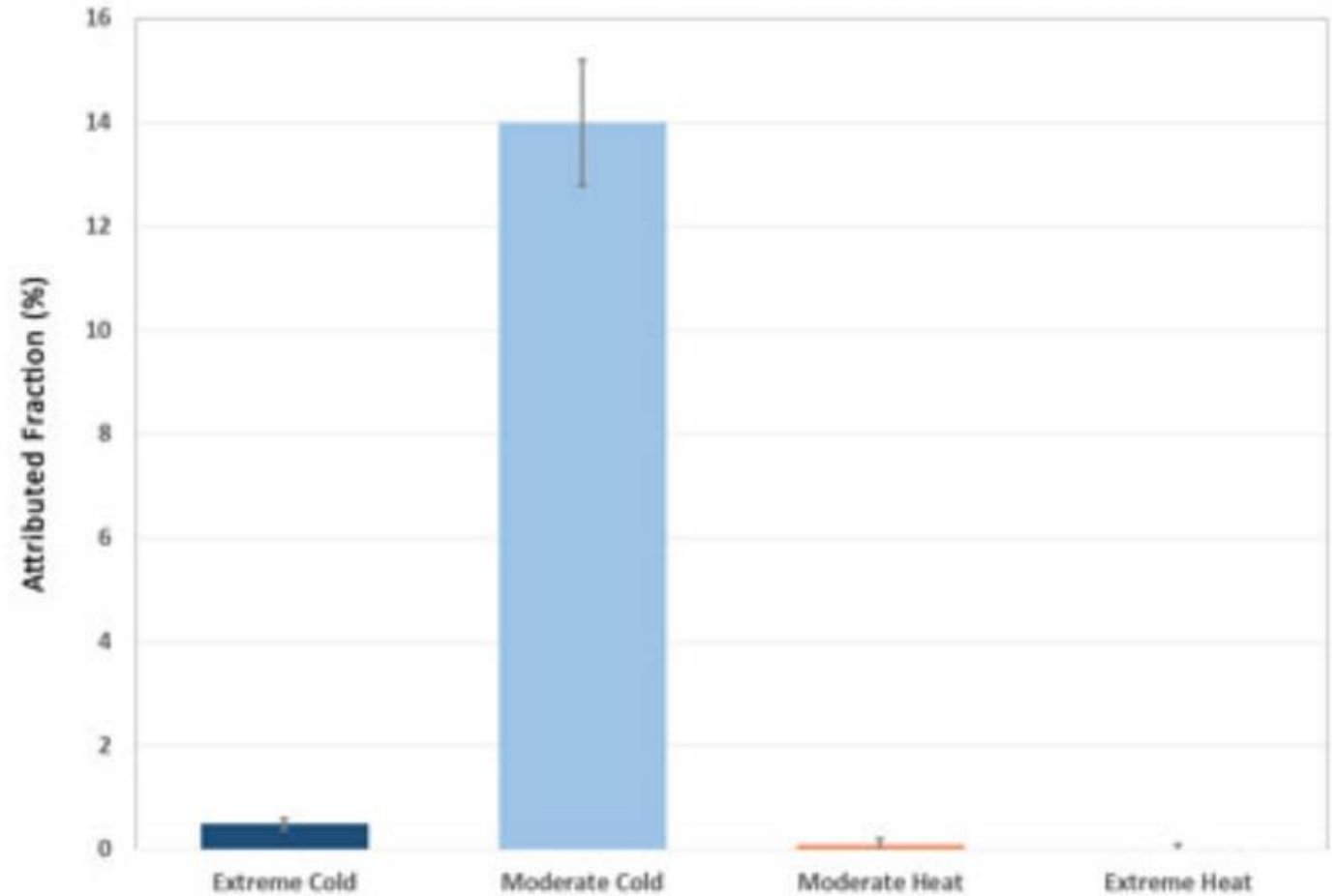
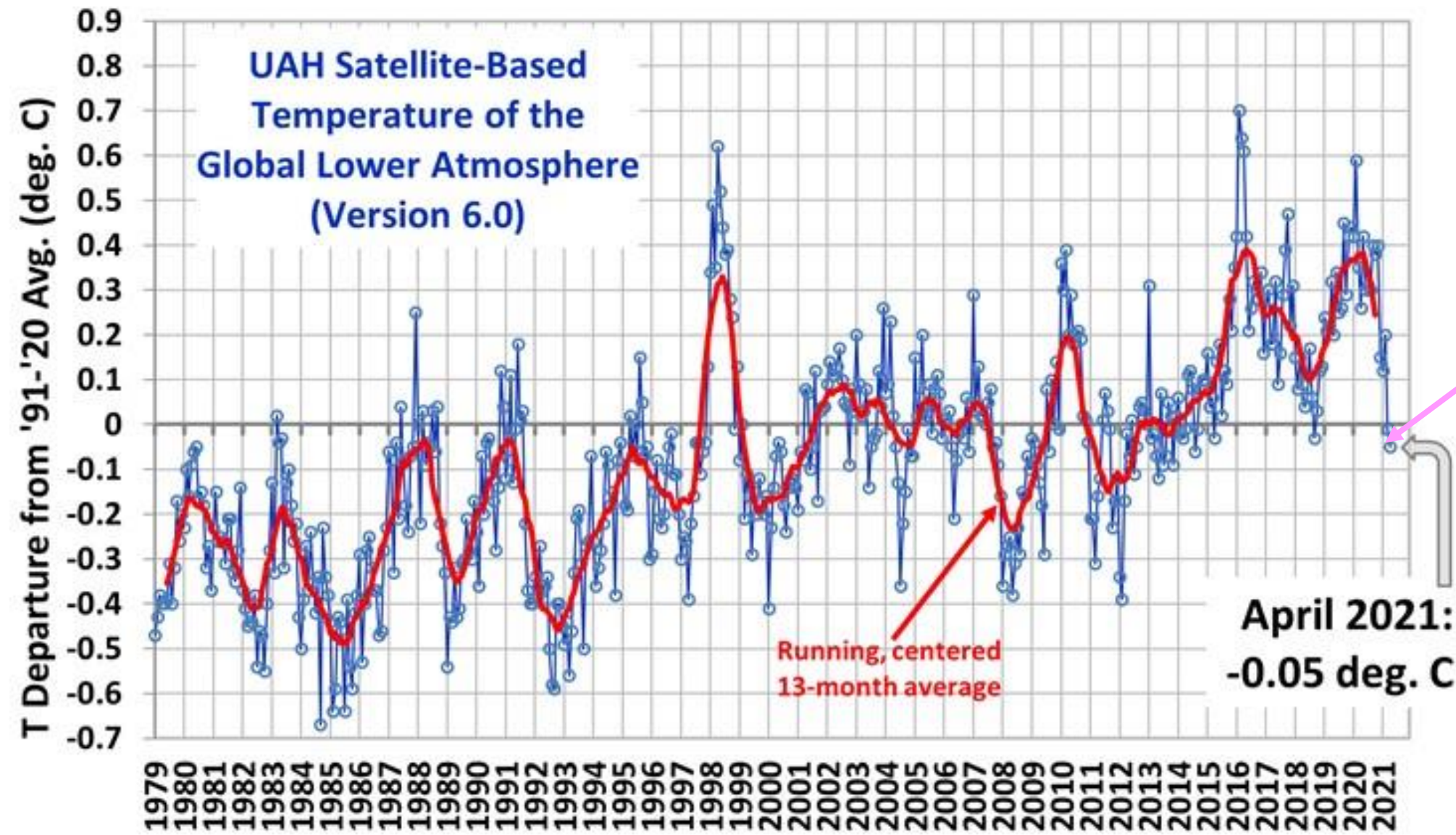


Figure 1. 30-day cumulative relative risk (RR) of mortality due to temperature (Panel a) and proportion of deaths attributed to temperature (Panel b) in the Lisbon, Portugal Metropolitan Area over the period 1986-2005. Adapted from Rodrigues et al 2020.

28C is about 82F

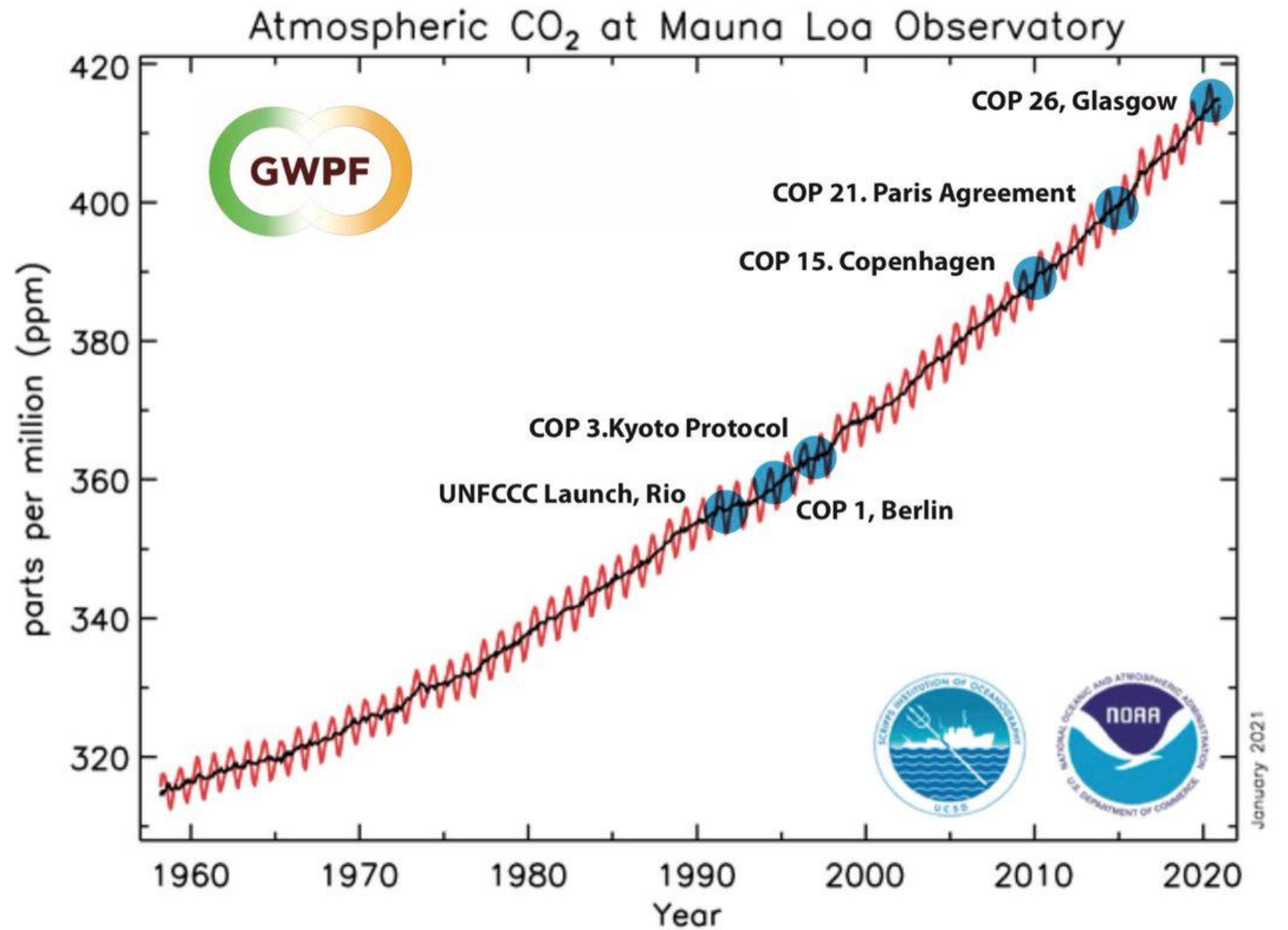
Confounding Data



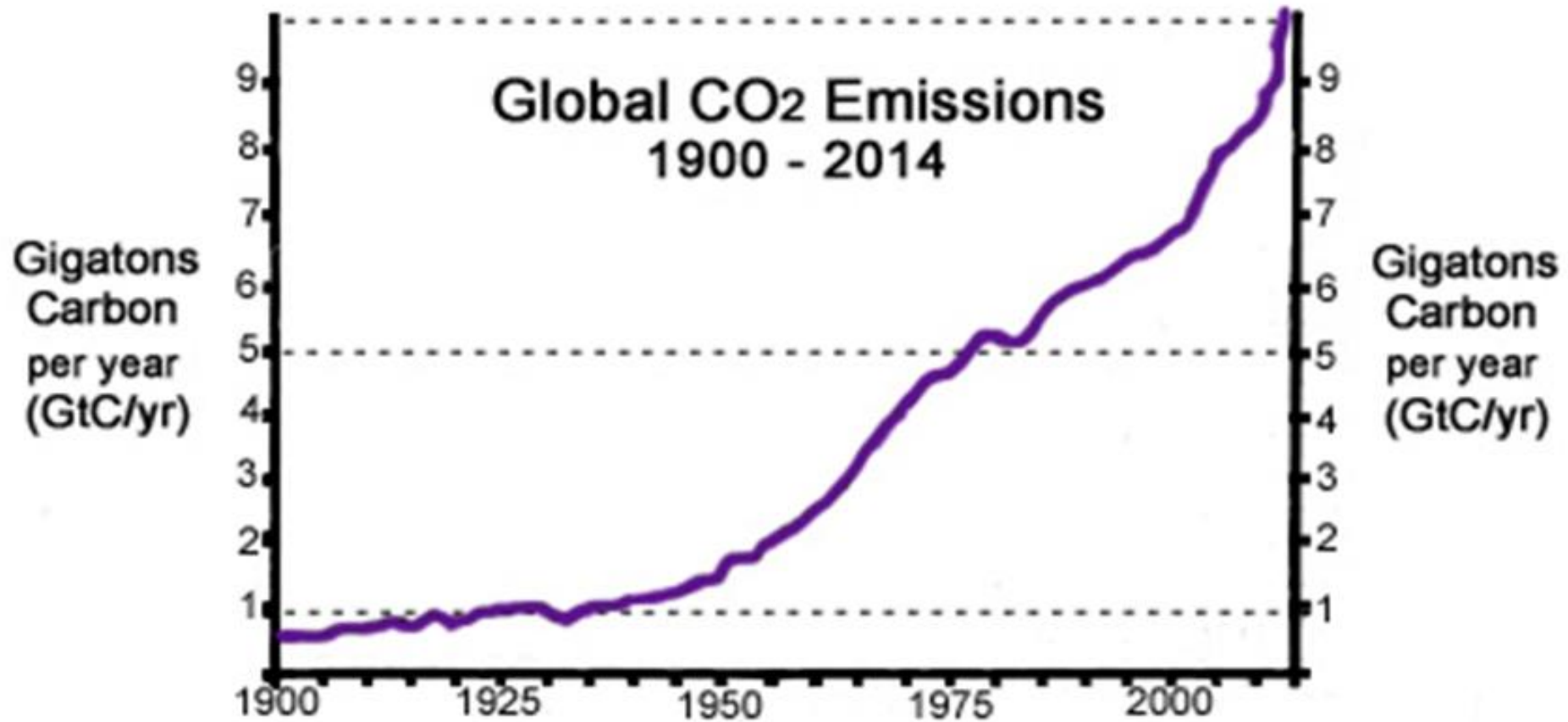
La Nina cooling

The linear warming trend since January 1979 remains at +0.14 C/decade (+0.12 C/decade over the global-averaged oceans, and +0.18 C/decade over global-averaged land)

<https://www.climatedepot.com/2021/01/15/shock-graph-of-rising-co2-emissions-despite-planet-saving-un-climate-pacts-shows-farce-of-climate-action/>



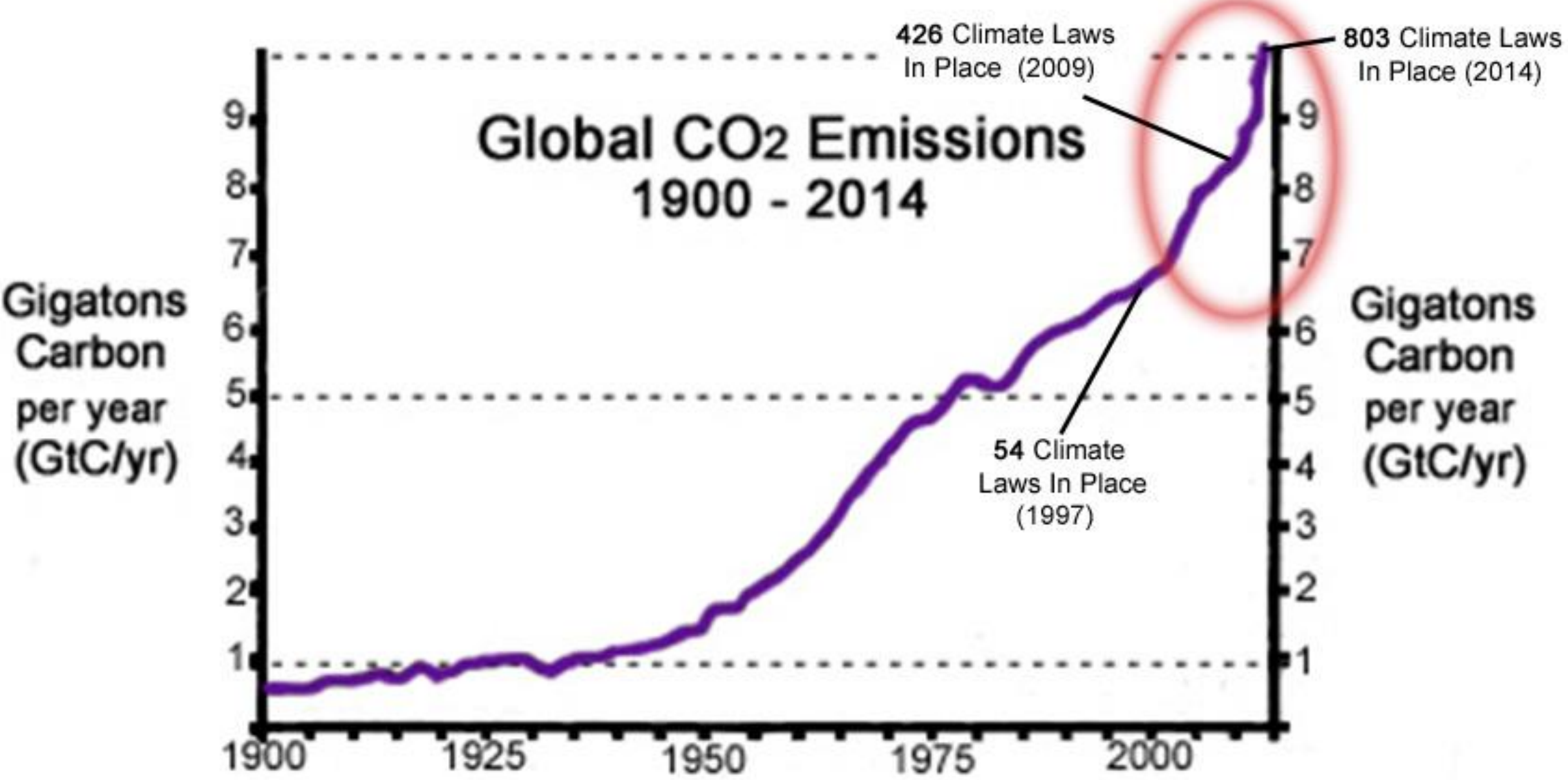
REALITY CHECK: 30 YEARS OF CLIMATE POLICY ACHIEVEMENTS

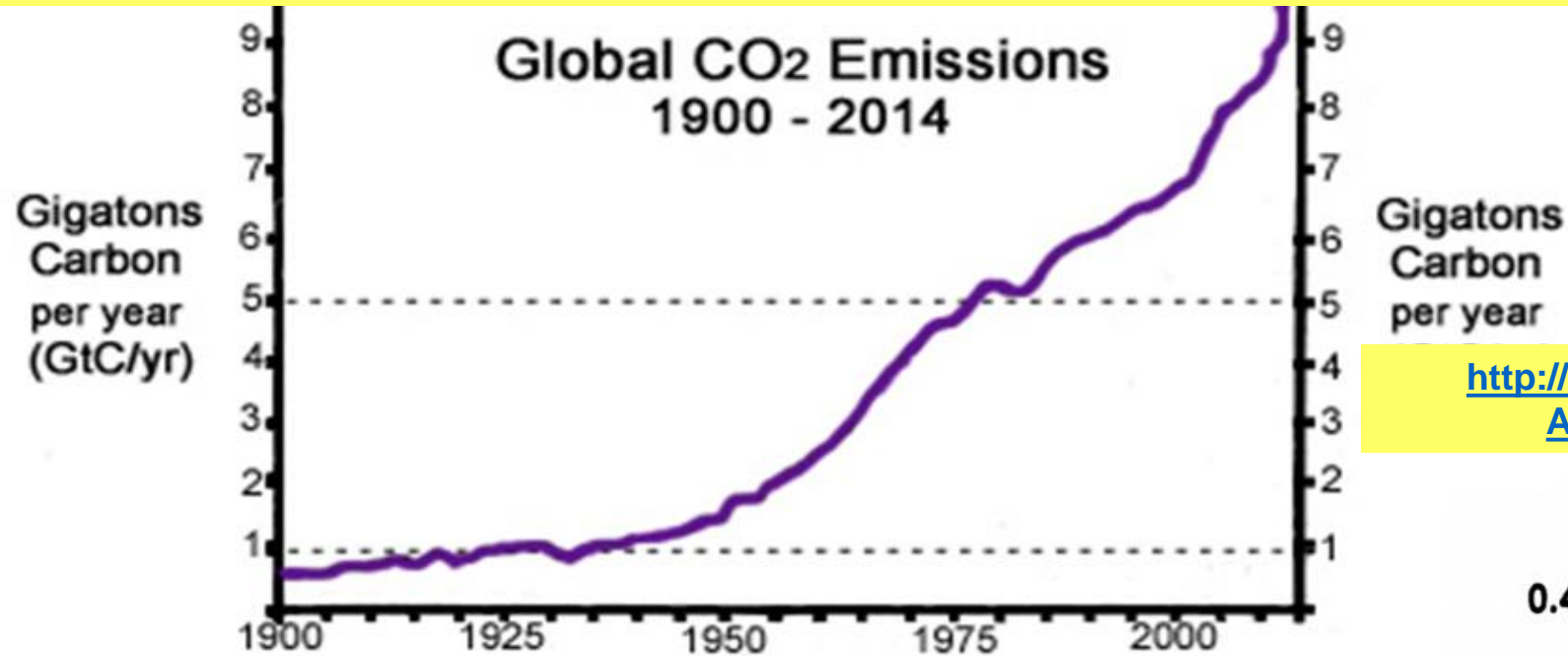


Anthropogenic CO₂ emissions plodded along steadily at about 1 GtC/year (gigatons of carbon per year) during the 1900 to 1945 period.

After 1945, human emissions exploded. They reached 4 GtC/year by the 1970s, 6 GtC/year by the 1990s, and 10 GtC/year by 2014.

<http://notrickszone.com/wp-content/uploads/2016/11/CO2-Emissions-1900-2014-GtC-per-year-ps-.jpg>



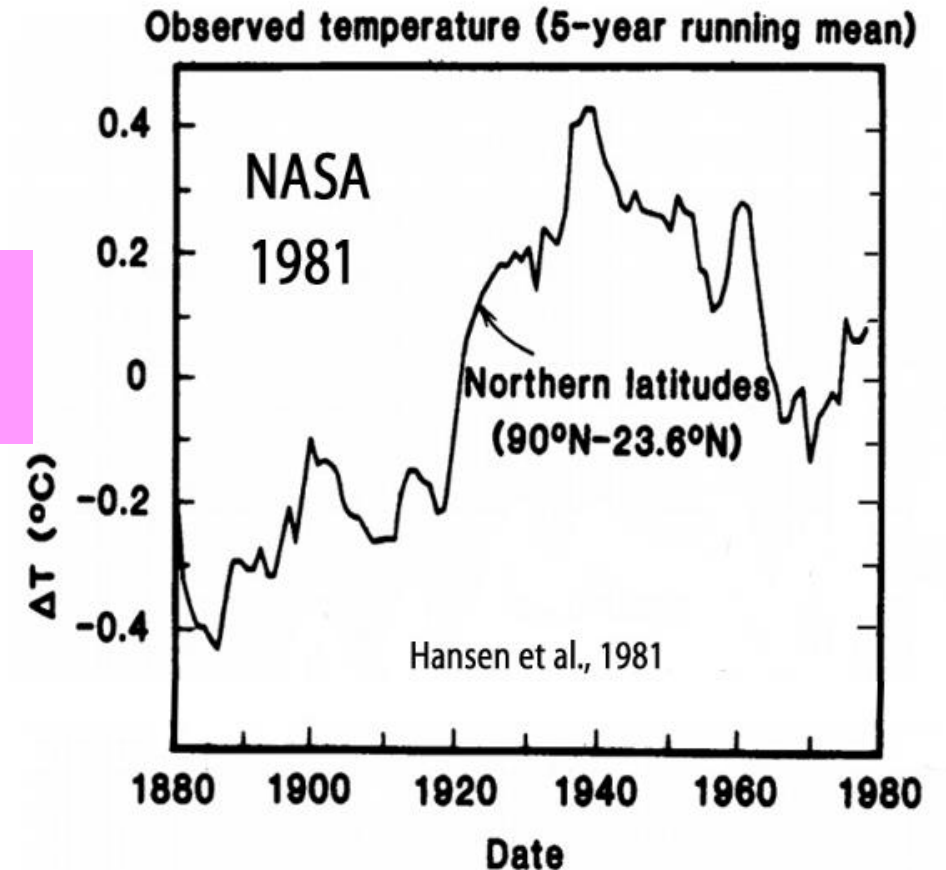


<http://people.oregonstate.edu/~schmita2/Teaching/ATS421-521/2015/papers/hansen81sci.pdf>

Observe the charts,

From 1940-1975, Global CO2 emissions **increased** from 1 to 5 GtC, Hansen published that **temperatures decreased** by -0.5C!

Hansen, J., "Impact of Increasing Atmospheric Carbon Dioxide," SCIENCE, 28 August 1981.



A gas powered van, towing a diesel generator, charging an electric car.

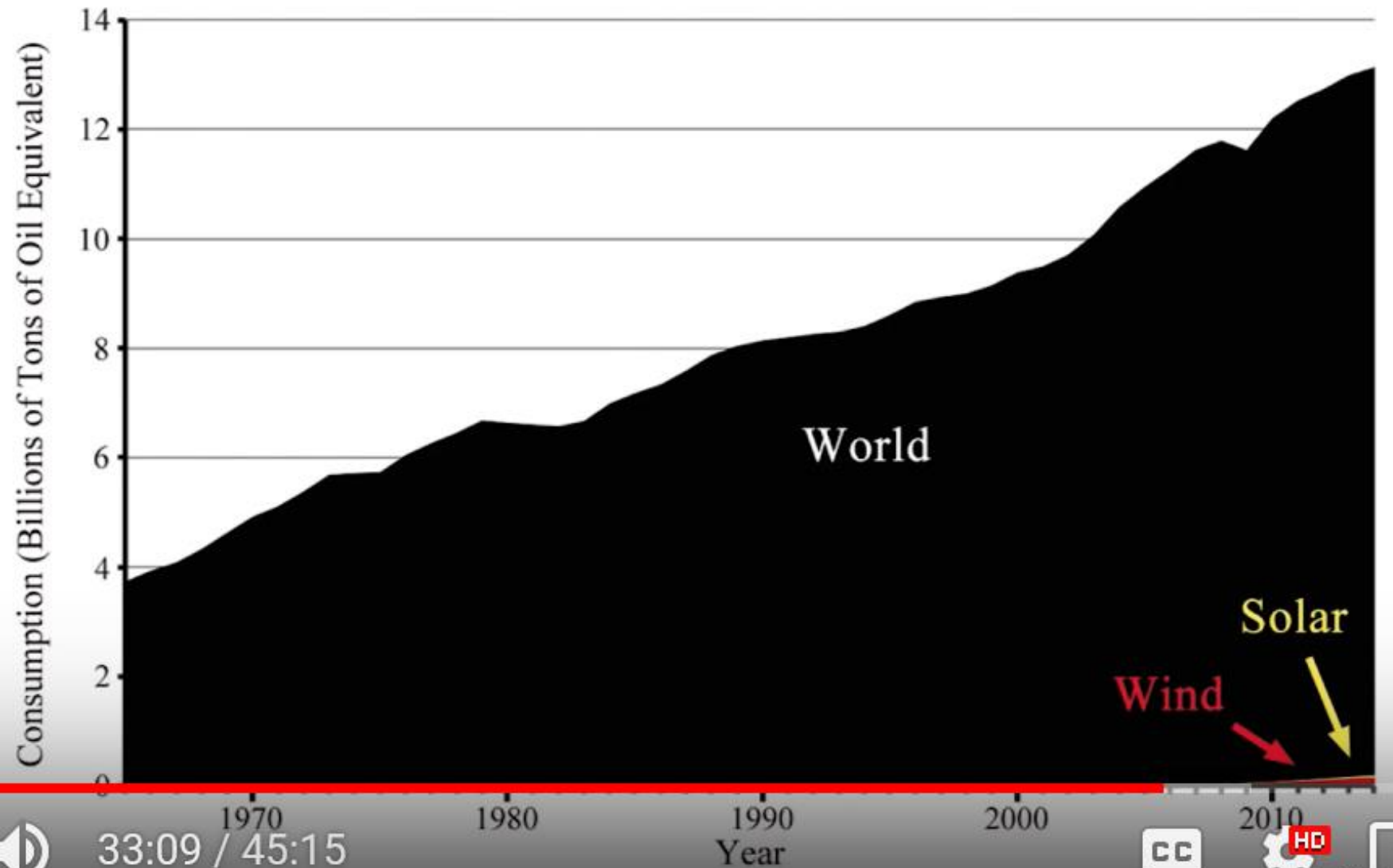
The future is stupid...



Wind, Solar, and the Energy Mountain

<https://www.youtube.com/watch?v=mtHreJbr2WM>

Total World, Wind, and Solar Energy Consumption (1965-2014)



NEWS

MEDIA

NBC's Lester Holt Urges Journalists to Ditch Objectivity: 'Fairness Is Overrated'

By ZACHARY EVANS | April 1, 2021 9:58 AM



Lester Holt, anchor of NBC's Nightly News, said Tuesday that journalists should be more active in communicating what they see as the "truth" on any given issue, giving the cut-and-dried example of informing readers that "the sun sets in the west" and disregarding any contrary claims.

One goal of media organizations should be to expunge "misinformation" from their reporting, Holt said. The NBC host made his remarks during his acceptance speech after receiving the Edward R. Murrow Award for Lifetime Achievement in Journalism.

In 1989, NOAA stated that there had been no warming in the US over the past century.

<https://realclimatescience.com/2017/03/1988-a-critical-year-for-the-global-warming-scam/>

U.S. Data Since 1895 Fail To Show Warming Trend

By PHILIP SHABECOFF, Special to the New York Times

Published: January 26, 1989

Correction Appended

WASHINGTON, Jan. 25— After examining climate data extending back nearly 100 years, a team of Government scientists has concluded that there has been no significant change in average temperatures or rainfall in the United States over that entire period.

While the nation's weather in individual years or even for periods of years has been hotter or cooler and drier or wetter than in other periods, the new study shows that over the last century there has been no trend in one direction or another.

The study, made by scientists for the National Oceanic and Atmospheric Administration was published in the current issue of Geophysical Research Letters. It is based on temperature and precipitation readings taken at weather stations around the country from 1895 to 1987.


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 REPRINTS

[U.S. Data Since 1895 Fail To Show Warming Trend](https://www.nytimes.com/1989/01/26/us/us-data-since-1895-fail-to-show-warming-trend.html)

<https://www.nytimes.com/1989/01/26/us/us-data-since-1895-fail-to-show-warming-trend.html>

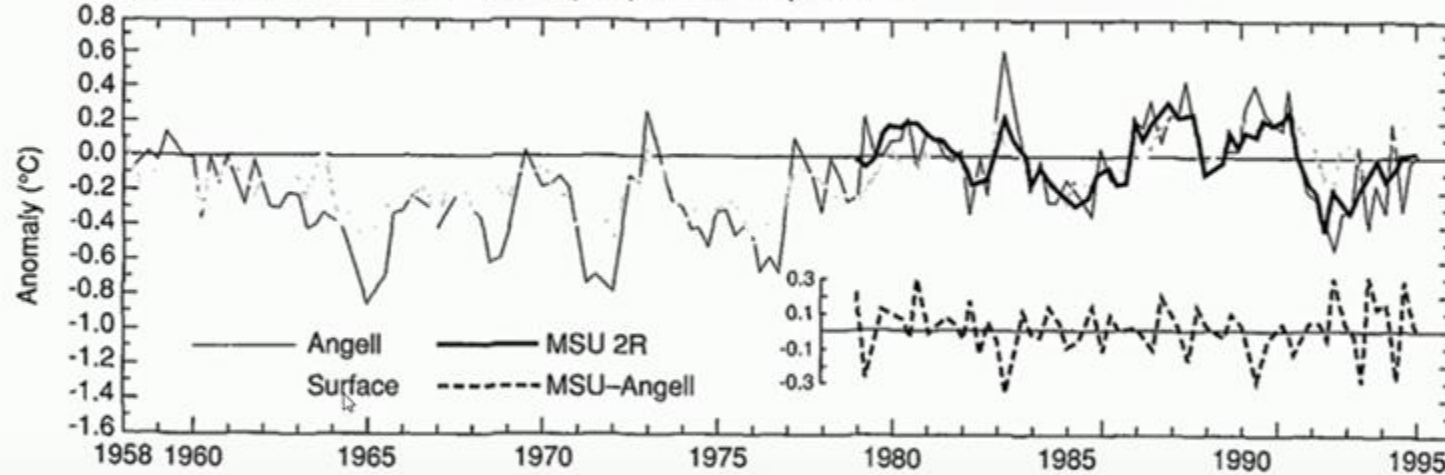
<https://www.youtube.com/watch?v=j3MFFT7CKXY>

.....From the 1995 IPCC Report, no global warming from 1958-1994

148

Observed Climate Variability and Change

(a) Seasonal anomalies of tropospheric temperature



0:47 / 5:23



This is from an email sent out
by group member Mark Hopkins
on 4 May 2021

How many coal-fired power plants are there in the world today?

The EU has 468 - building 27 more... Total of 495

Turkey has 56 - building 93 more... Total 149

South Africa has 79 - building 24 more... Total 103

India has 589 - building 446 more... Total 1035

The Philippines has 19 - building 60 more... Total 79

South Korea has 58 - building 26 more... Total of 84

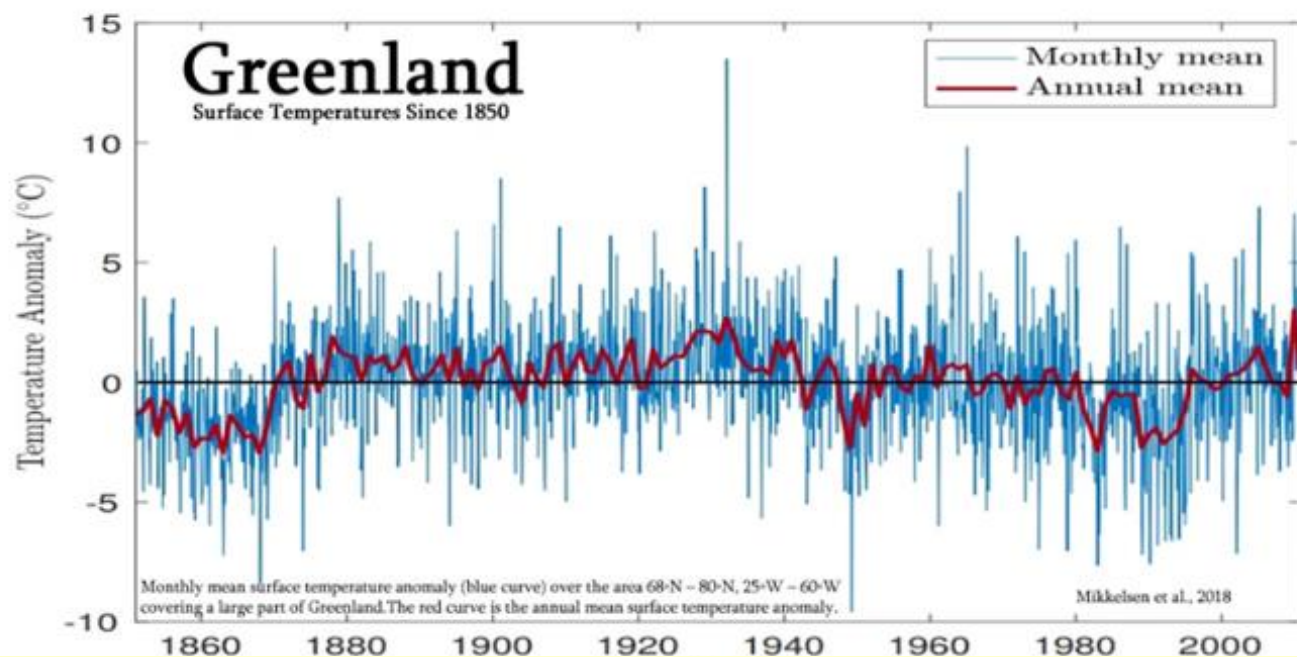
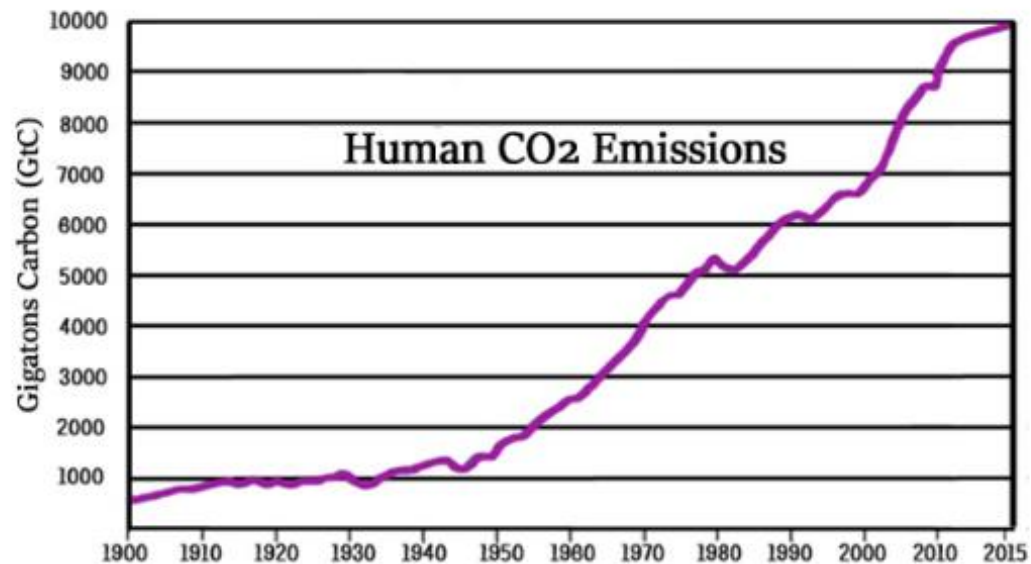
Japan has 90 - building 45 more... Total 135

China has 2,363 - building 1,171 more... Total = 3,534

That's 5,615 projected coal-powered plants in just 8 countries.

USA has 15 - building 0 more...Total = 15

Human CO₂
Emissions
Exert No
Detectable
Effect On
Greenland
Surface
Temperatures



<http://notrickszone.com/2018/04/16/in-2015-climate-scientists-wrecked-their-own-co2-forced-polar-amplification-narrative/#sthash.iTJYwkBv.dpb>

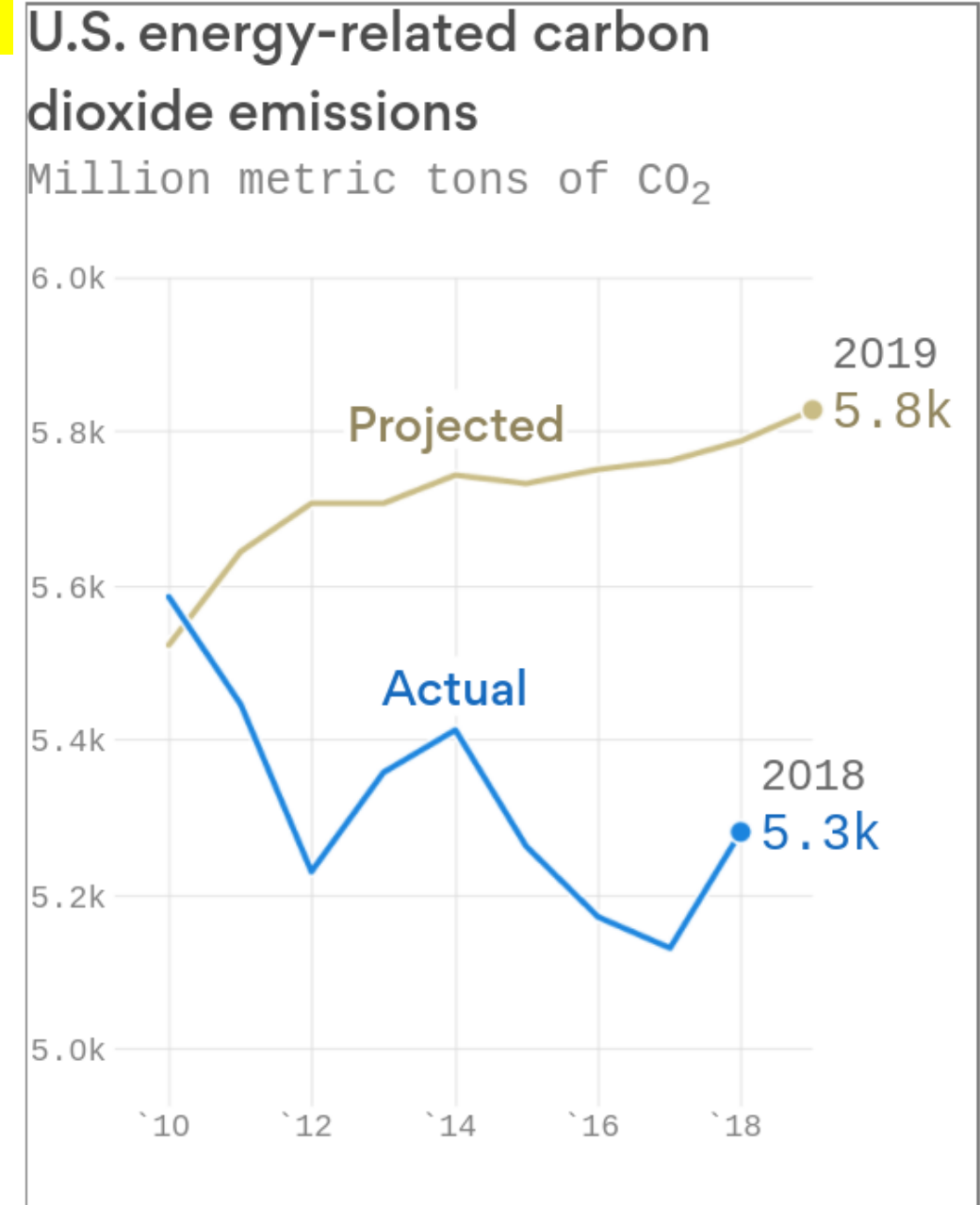
Graph Source: Mikkelsen et al., 2018

Shock Epic Fails:

The decade that blew up energy predictions
– USA energy boom, CO₂ emissions drop defied predictions!

See the charts!

These five charts show U.S. Energy Information Administration projections from a decade ago, with current EIA data to show what actually happened.



EIA [actual](#) and [projected](#) data. Chart: Andrew

The entire rationale for wind turbines is to stop global warming by reducing the amount of CO2 being returned to the atmosphere from the burning of fossil fuels.

In the picture, recently taken in Sweden, freezing cold weather has caused the rotor blades of a wind turbine to ice up bringing the blades to a complete stop.

To fix the "problem" a helicopter is employed (burning aviation fuel) to spray hot water (which is heated in the frigid temperatures using a truck equipped with a 260 kW oil burner) on the blades of the turbine to de-ice them.

The aviation fuel, the diesel for the truck, and the oil burned to heat the water, could produce more electricity (at the right time to meet demand) than the unfrozen wind turbine could ever produce. (Before it freezes up again).



The picture is a metaphor of the complete insanity of the climate change debate. In decades to come this one photo alone will sum up an era of stupidity, when rational thought, logic and common sense was abandoned, and immense wealth and resources needlessly sacrificed.

Temperature Measurements don't support the narrative.

So, they change the measurements

WORLD & NATION

Los Angeles Times

America's new normal: A degree hotter than two decades ago

By SETH BORENSTEIN | Associated Press
May 4, 2021 10:51 AM PT

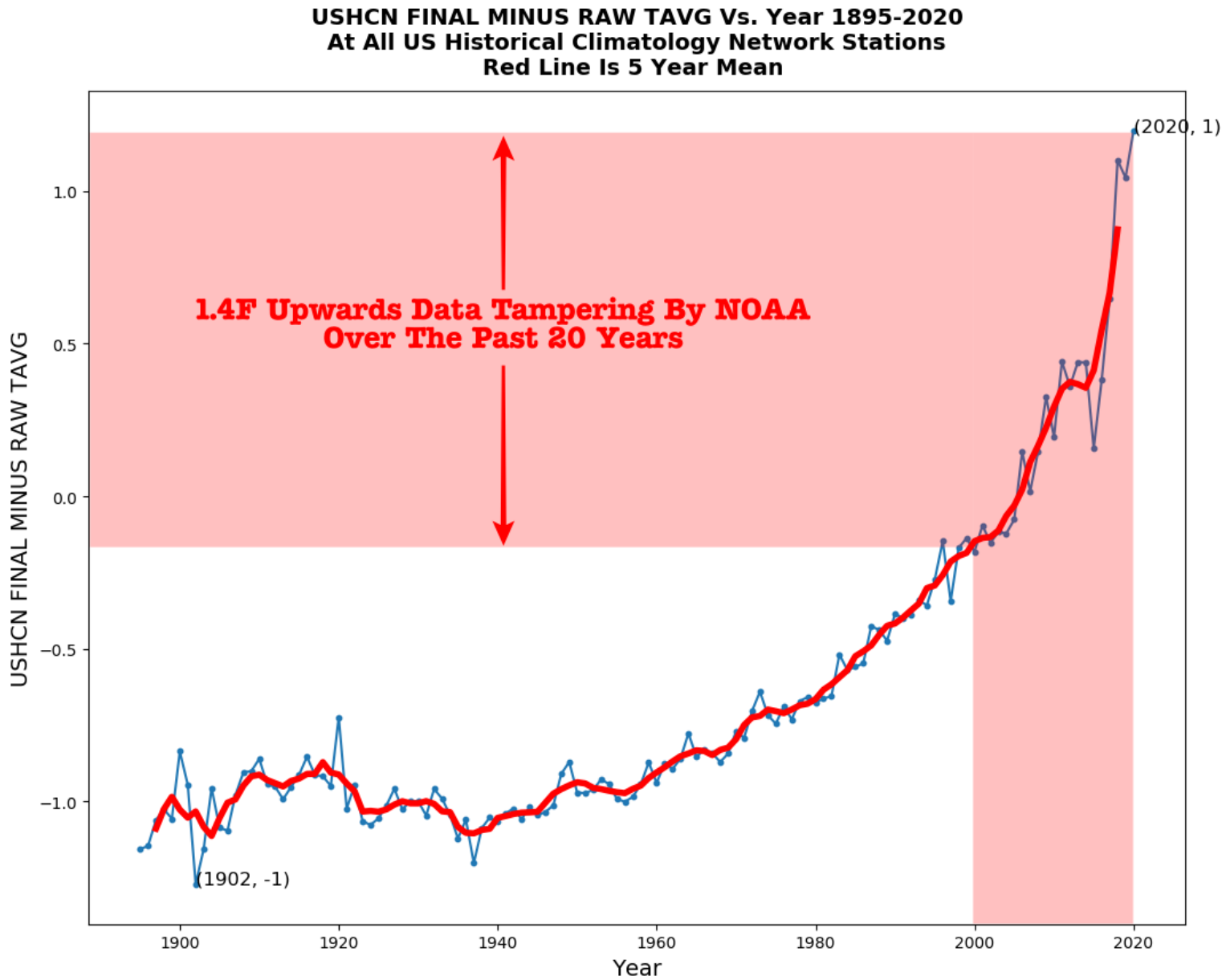
America's new normal temperature is a degree hotter than it was just two decades ago.

Scientists have long talked about climate change — hotter temperatures, changes in rain and snowfall and more extreme weather — being the “new normal.” Data released Tuesday by the National Oceanic and Atmospheric Administration put hard figures on the cliché.

The new normal in the United States is not just hotter, but wetter in the eastern and central parts of the nation and considerably drier in the West than just a decade earlier.



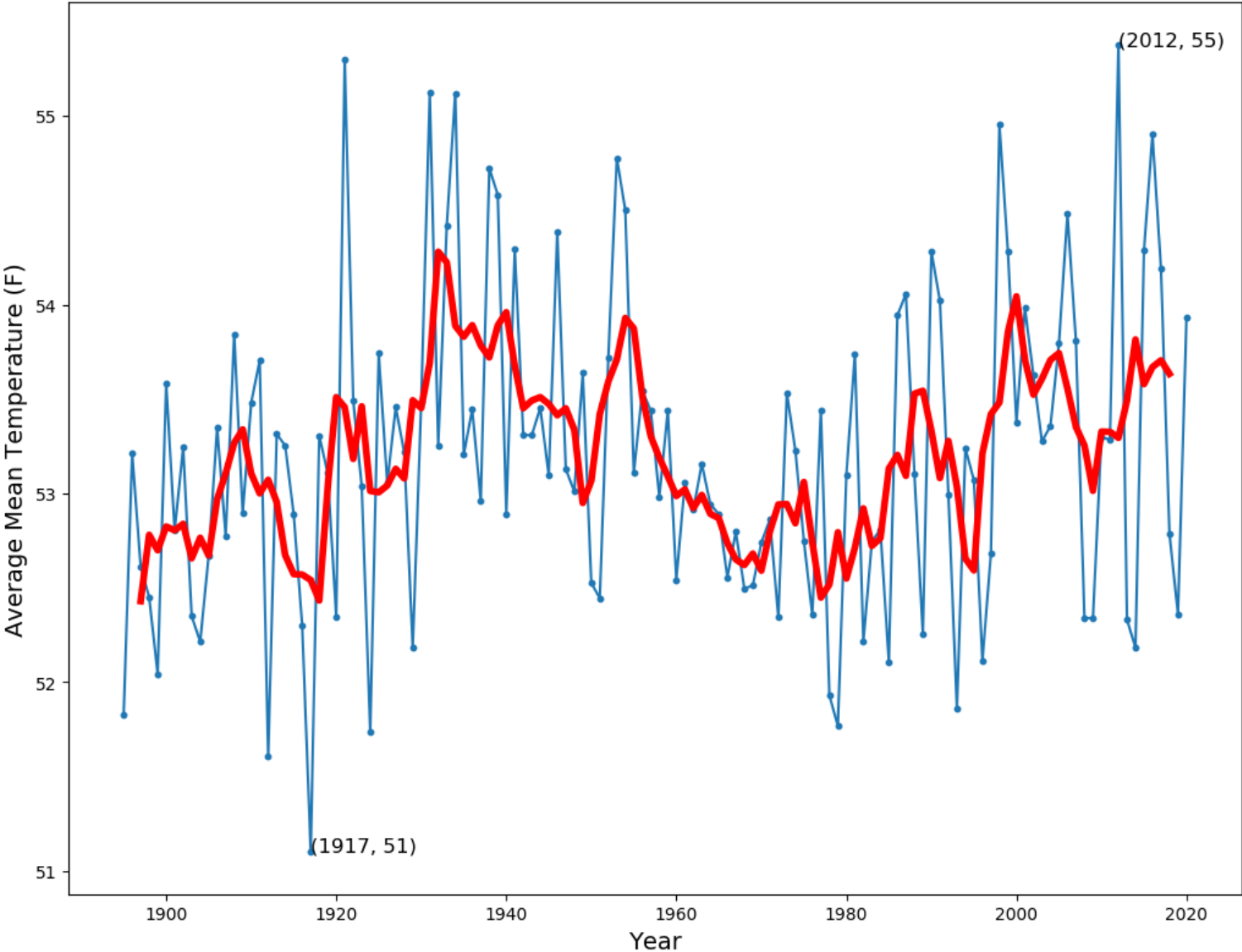
The remains of a carp lie on the dry bed of O.C. Fisher Lake in San Angelo, Texas. The U.S. is considerably drier in the West than just a decade ago, government scientists say. (Tony Gutierrez / Associated Press)



All of the claimed warming is due to data tampering by NOAA.

They adjusted temperatures from twenty years ago down about 0.2F and recent temperatures up by 1.2F.

Average Mean Temperature Vs. Year 1895-2020
At All US Historical Climatology Network Stations
Red Line Is 5 Year Mean



USHCN shows temperatures falling the last 20 years.

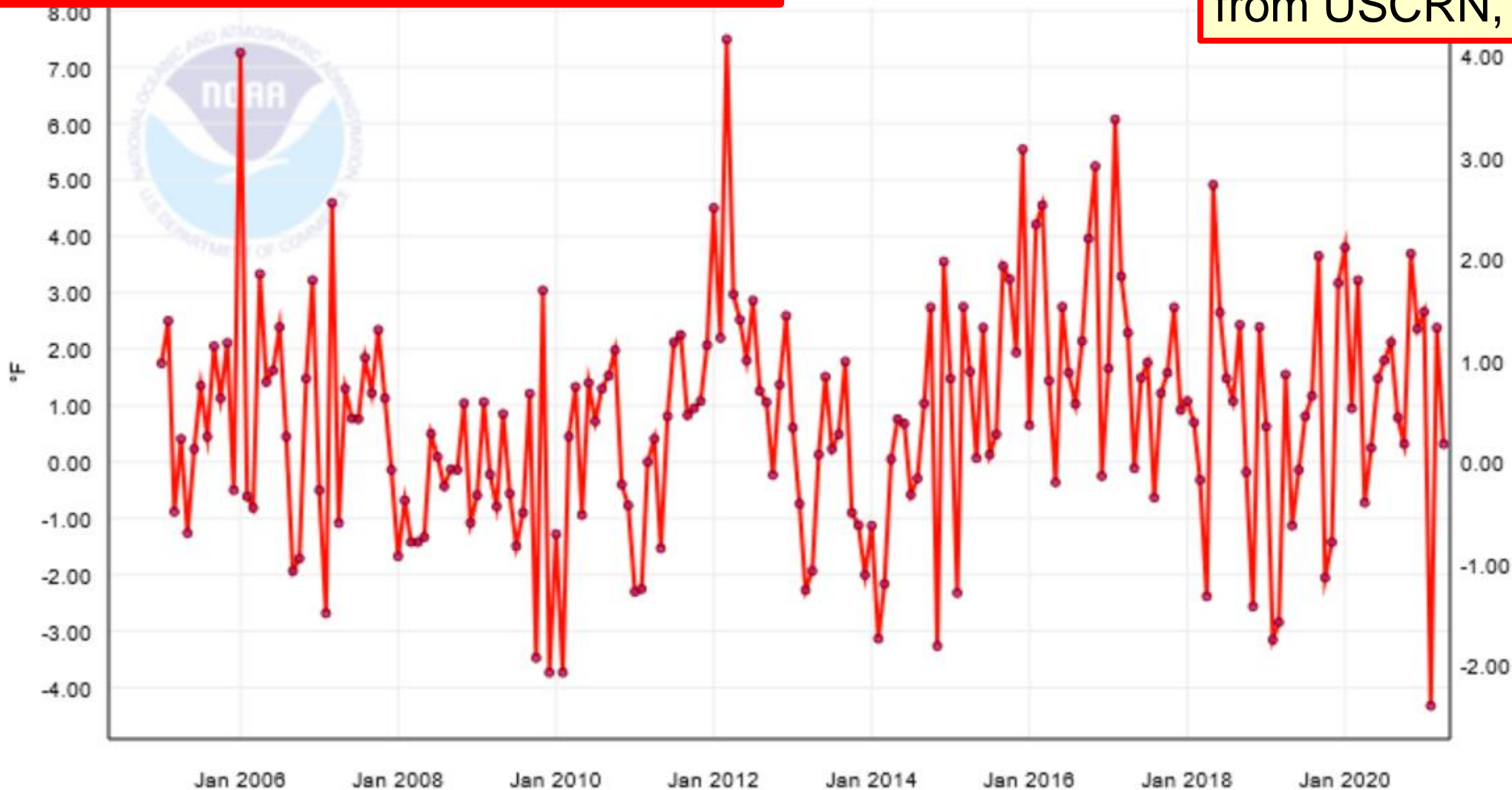
https://www.ncdc.noaa.gov/temp-and-precip/national-temperature-index/time-series?datasets%5B%5D=uscrn¶meter=anom-tavg&time_scale=p12&begyear=2005&endyear=2021&month=4

Contiguous U.S. Average Temperature Anomaly

USCRN, the “unimpeachable” source is ignored

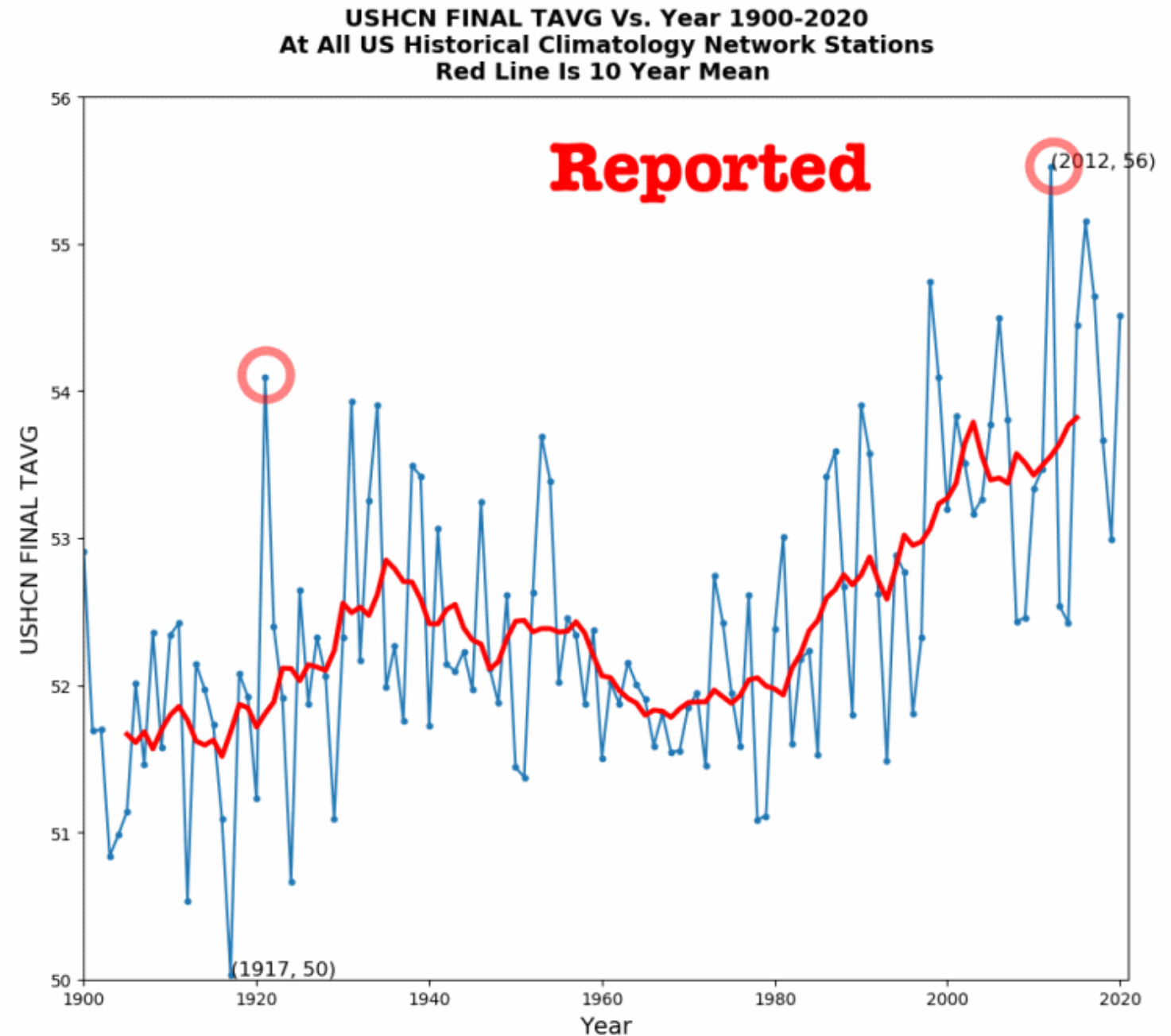
USCRN

Fifteen of those twenty years from USCRN, starting 2005



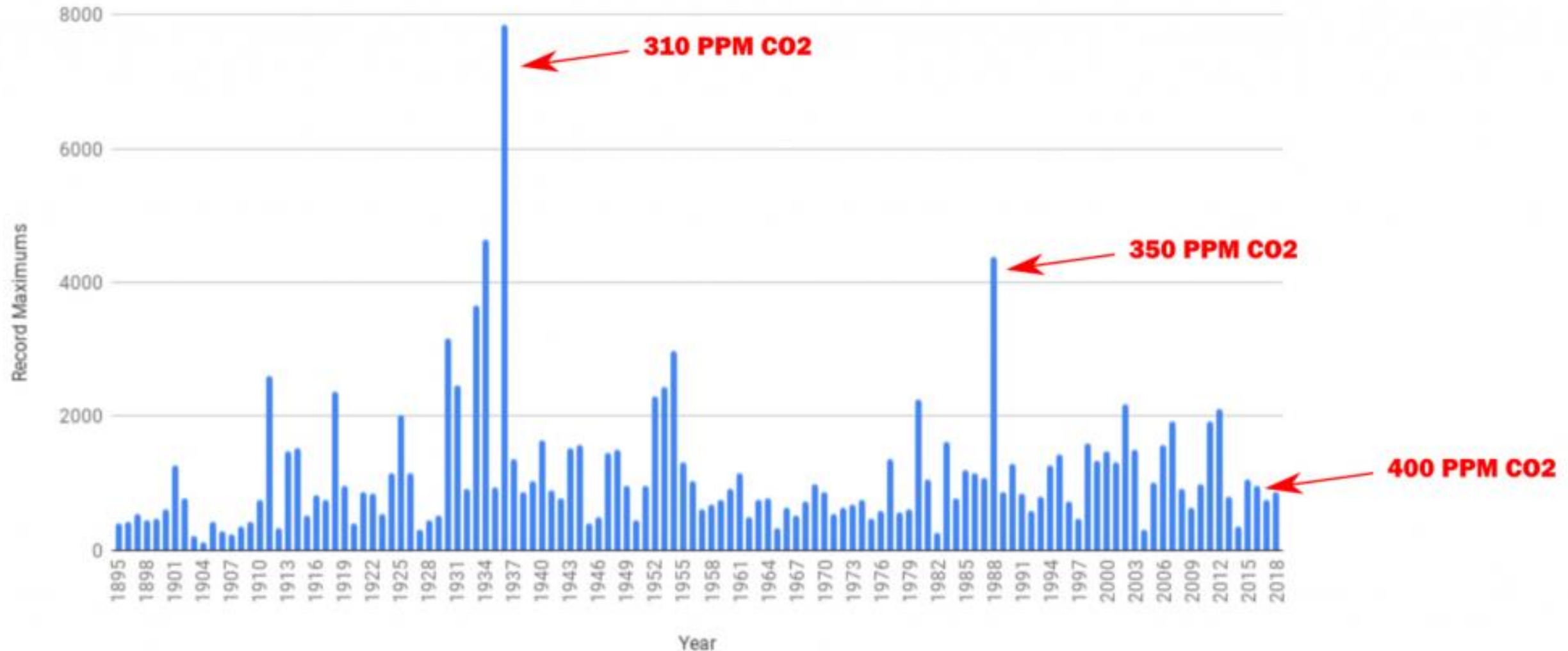
Tony Heller at
realclimatescience.com
has this graphic showing
the fraud at NOAA.

Later I show how
Tony also takes NASA
GISS to task for their
fraudulent temperature
manipulation.

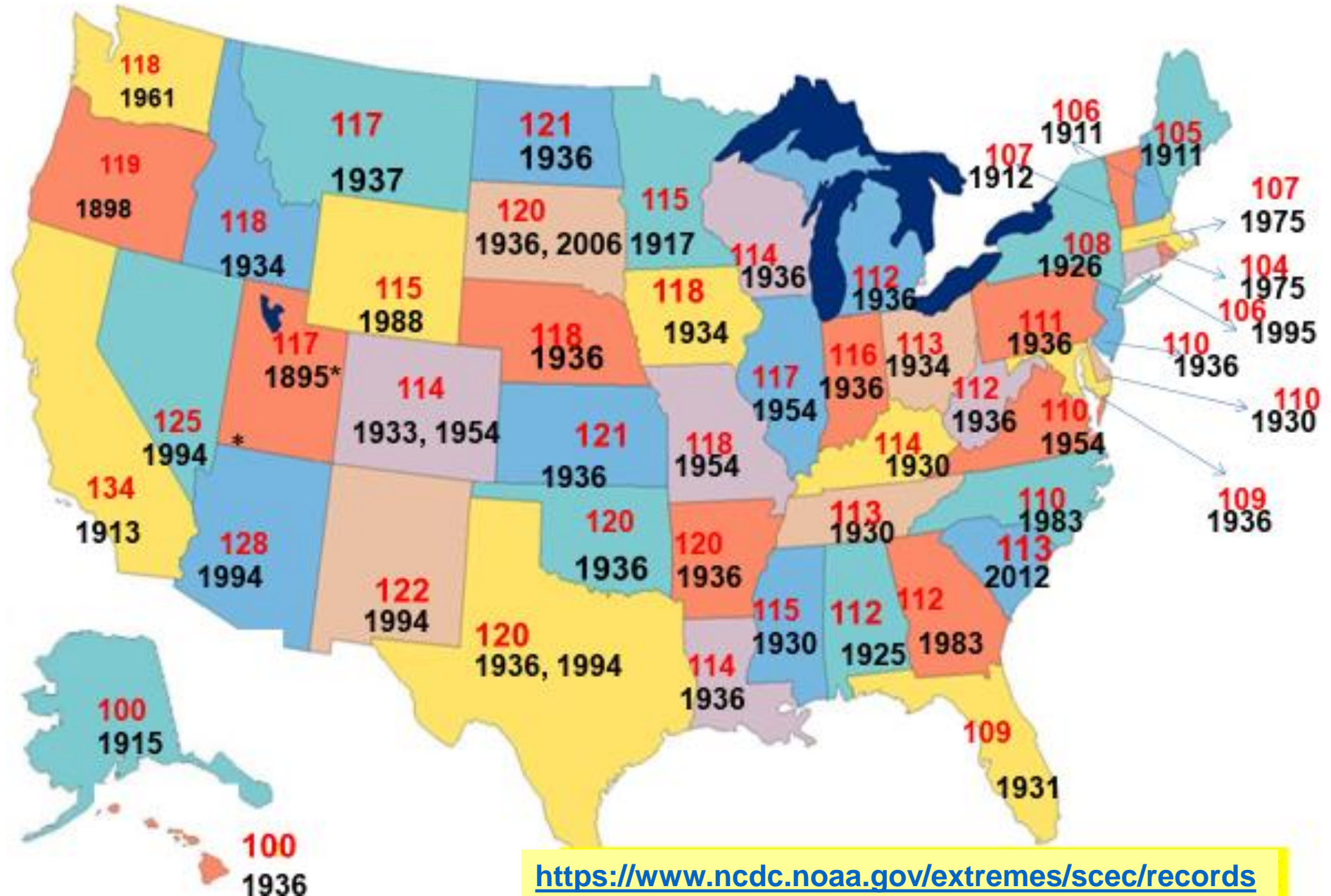


Number Of US All-Time Summer Record Daily Maximum Temperatures Set Or Tied

At All NOAA United States Historical Climatology Network Stations



US. Record Maximum Temperature F by State and Year



<https://www.ncdc.noaa.gov/extremes/scec/records>

Extreme maximum temperature for each of the fifty states (plotted in red) and the year in which that extreme maximum was set (plotted in black)

Twenty-eight of the fifty states' extreme maxima were set in the 1930s or before.

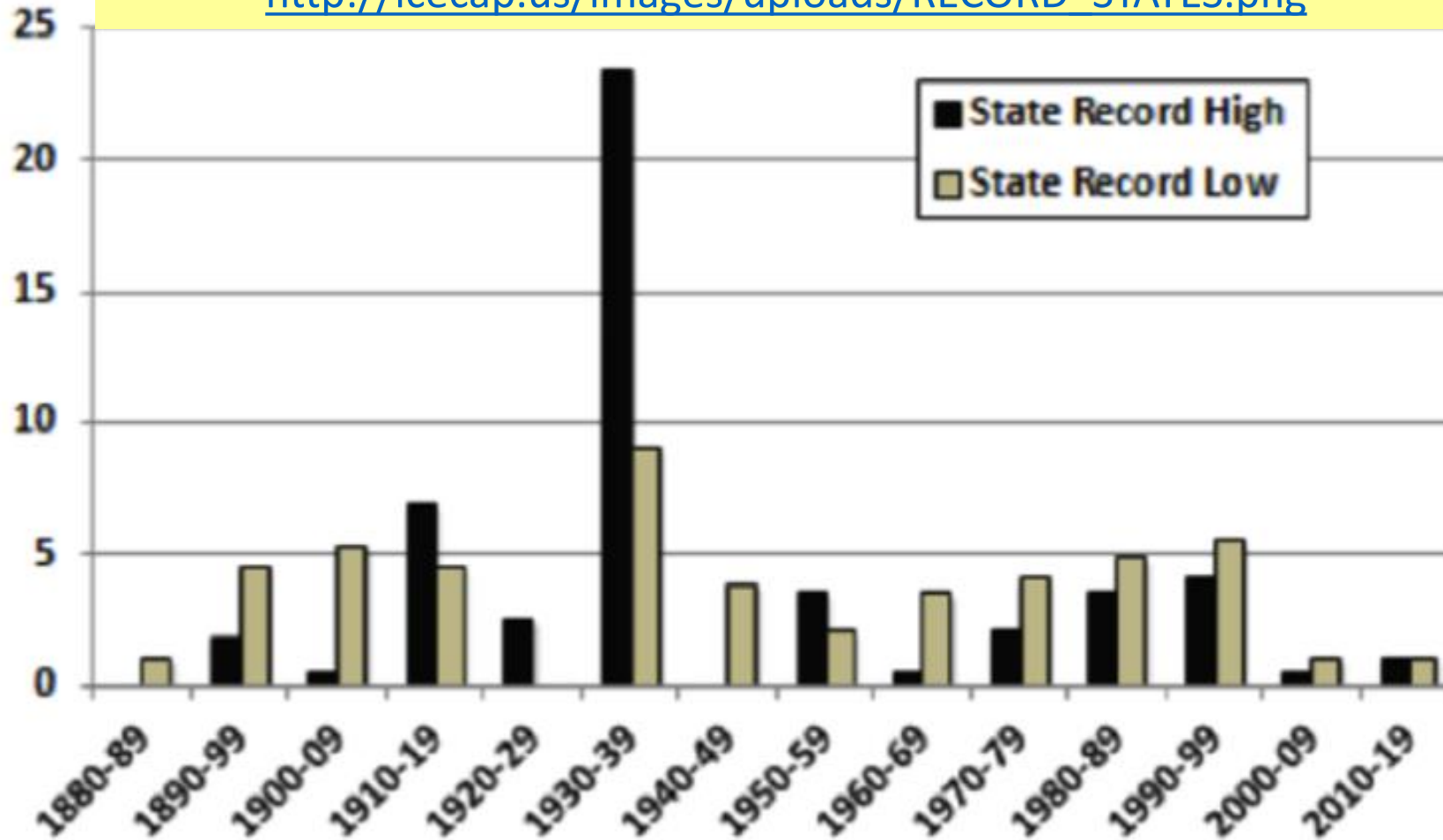
The data disagree with the theory of CO₂-fueled warming.

(Bob's own work)

Next graphic shows this on a temporal basis.

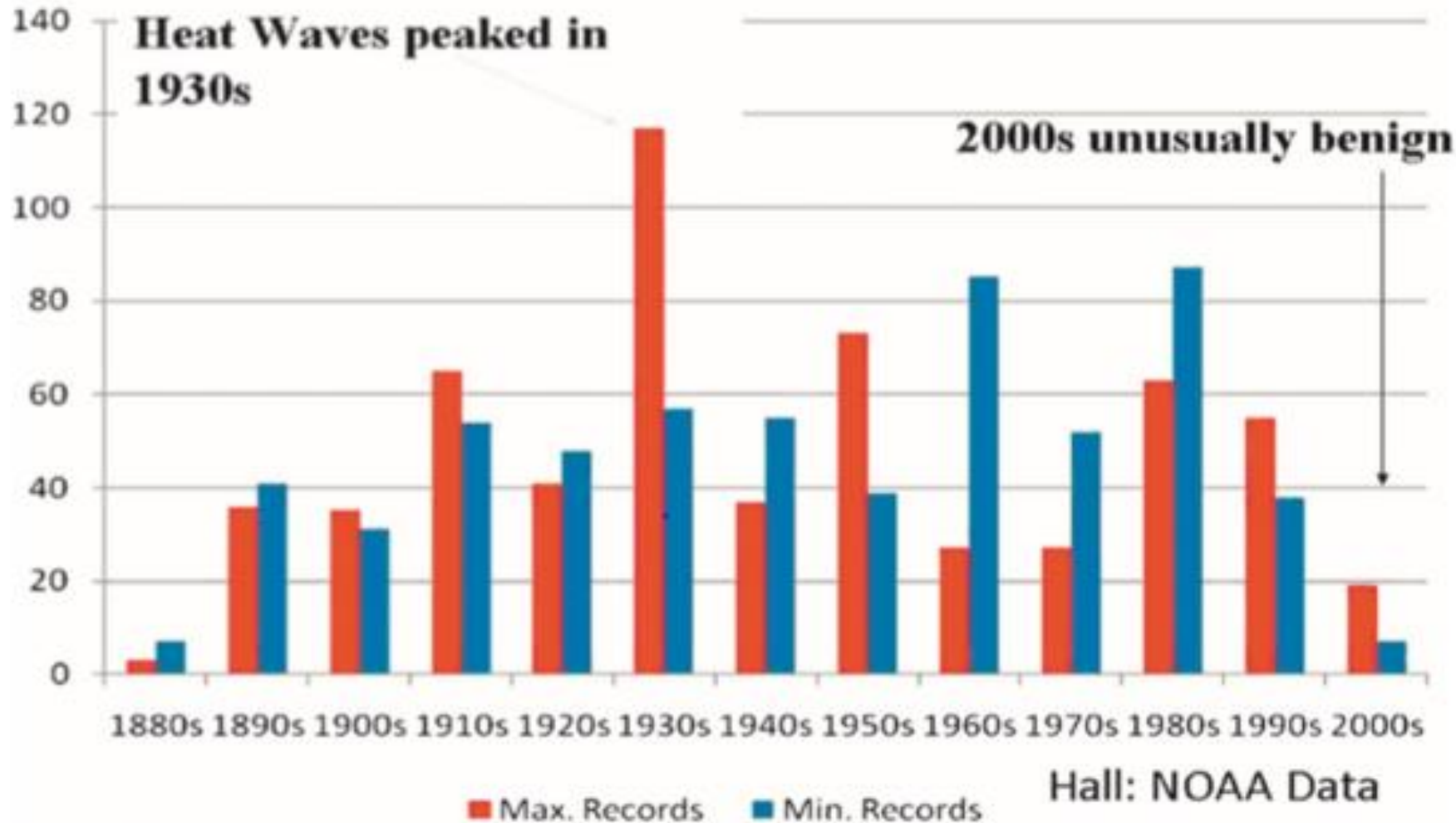
Number of State Record High & Low Temperatures by Decade

http://icecap.us/images/uploads/RECORD_STATES.png



U.S. State Maximum and Minimum Monthly Records by Decade

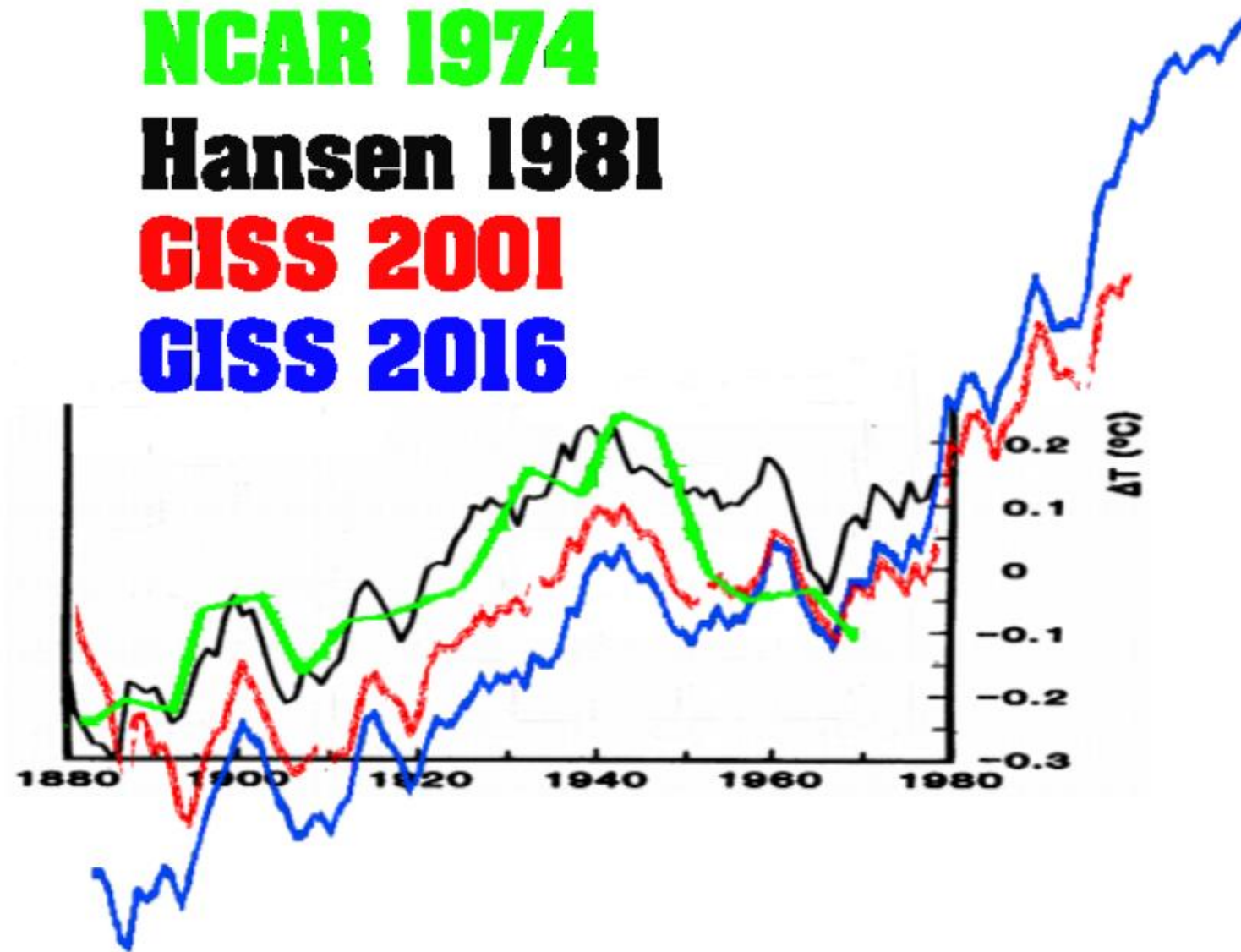
http://scienceandpublicpolicy.org/images/stories/papers/originals/surface_temp.pdf



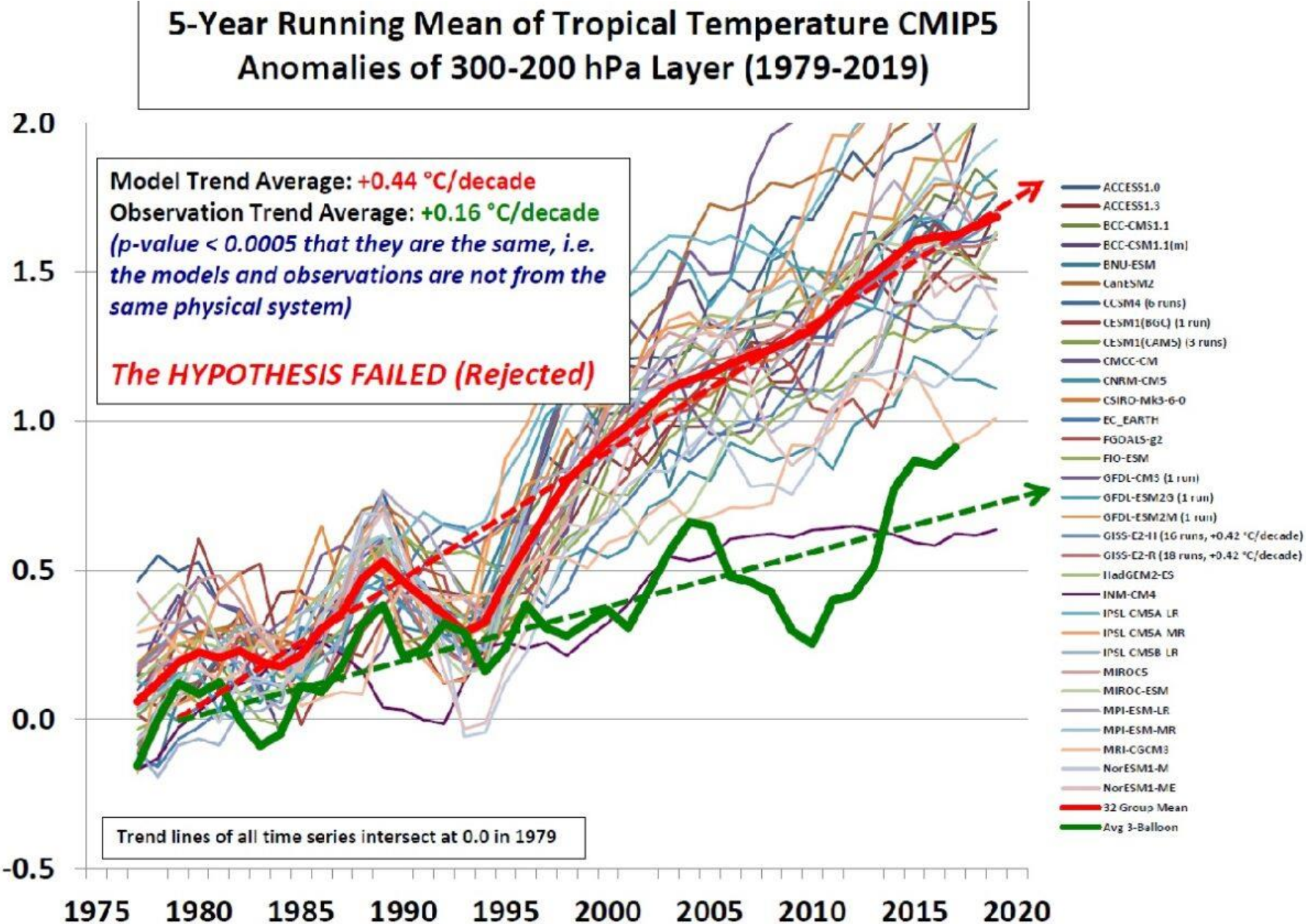
This graphic, similar to the NOAA Extremes data base referenced earlier, directly confounds and contradicts the notion emphasized in the Fourth National Climate Assessment that increasing <CO₂> is leading to increasingly warmer temperatures.

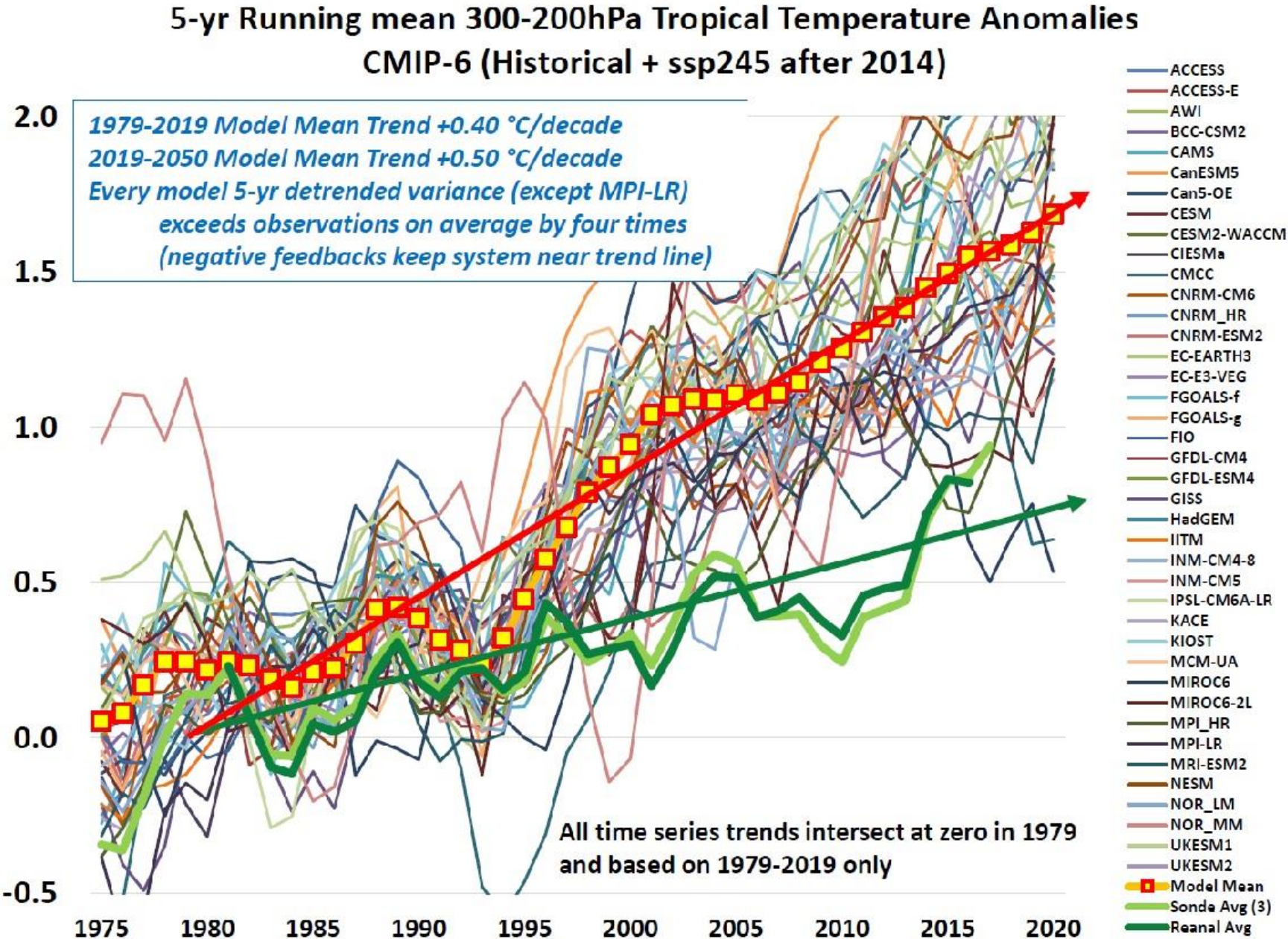
NB peak in the 1930s, when <CO₂> was ~307 PPM.

FIGURE 19 United States all-time monthly record lows and highs by decade. Compiled by Hall from NOAA NCDC data.

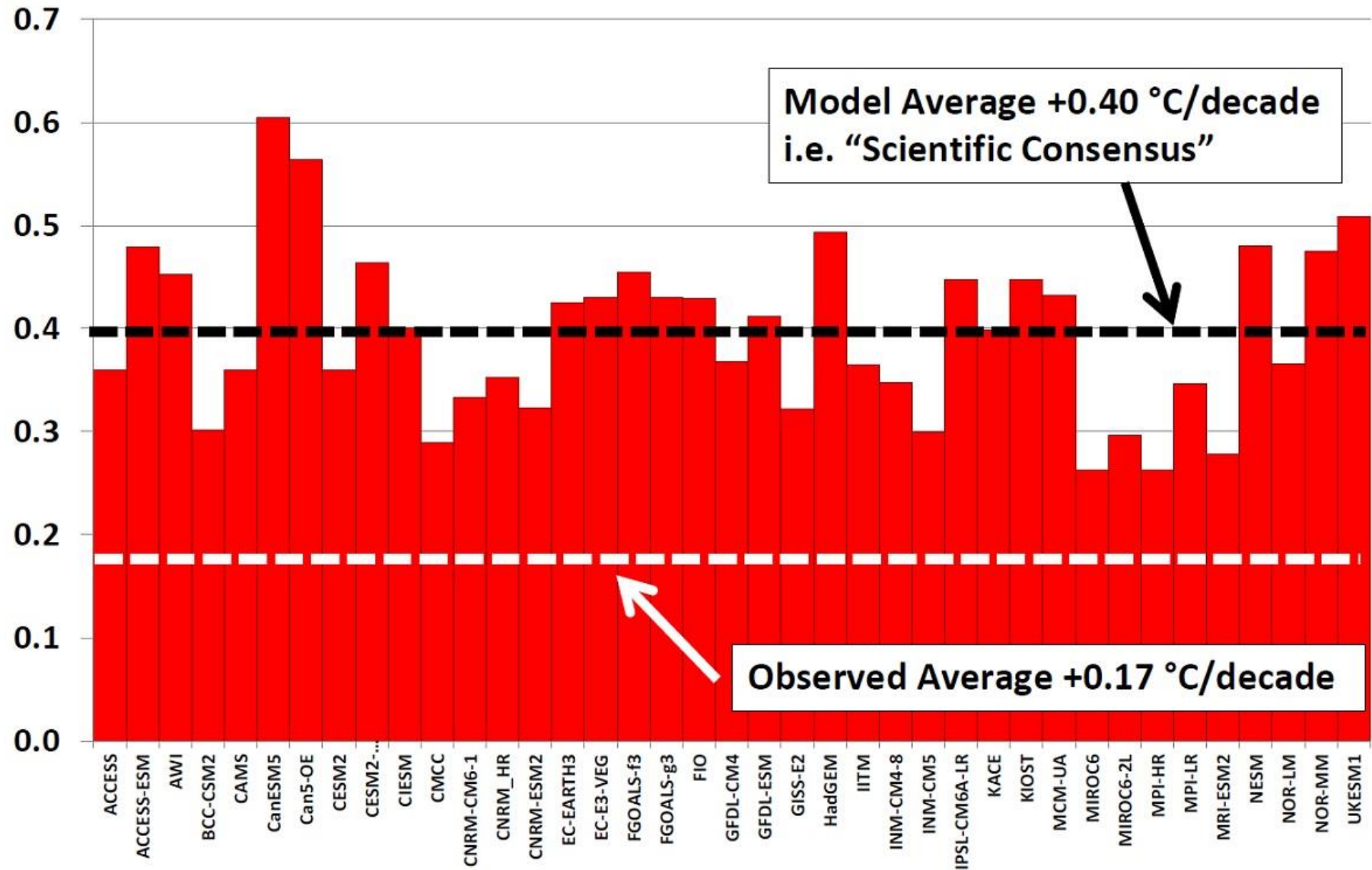


How Good Are the Models?

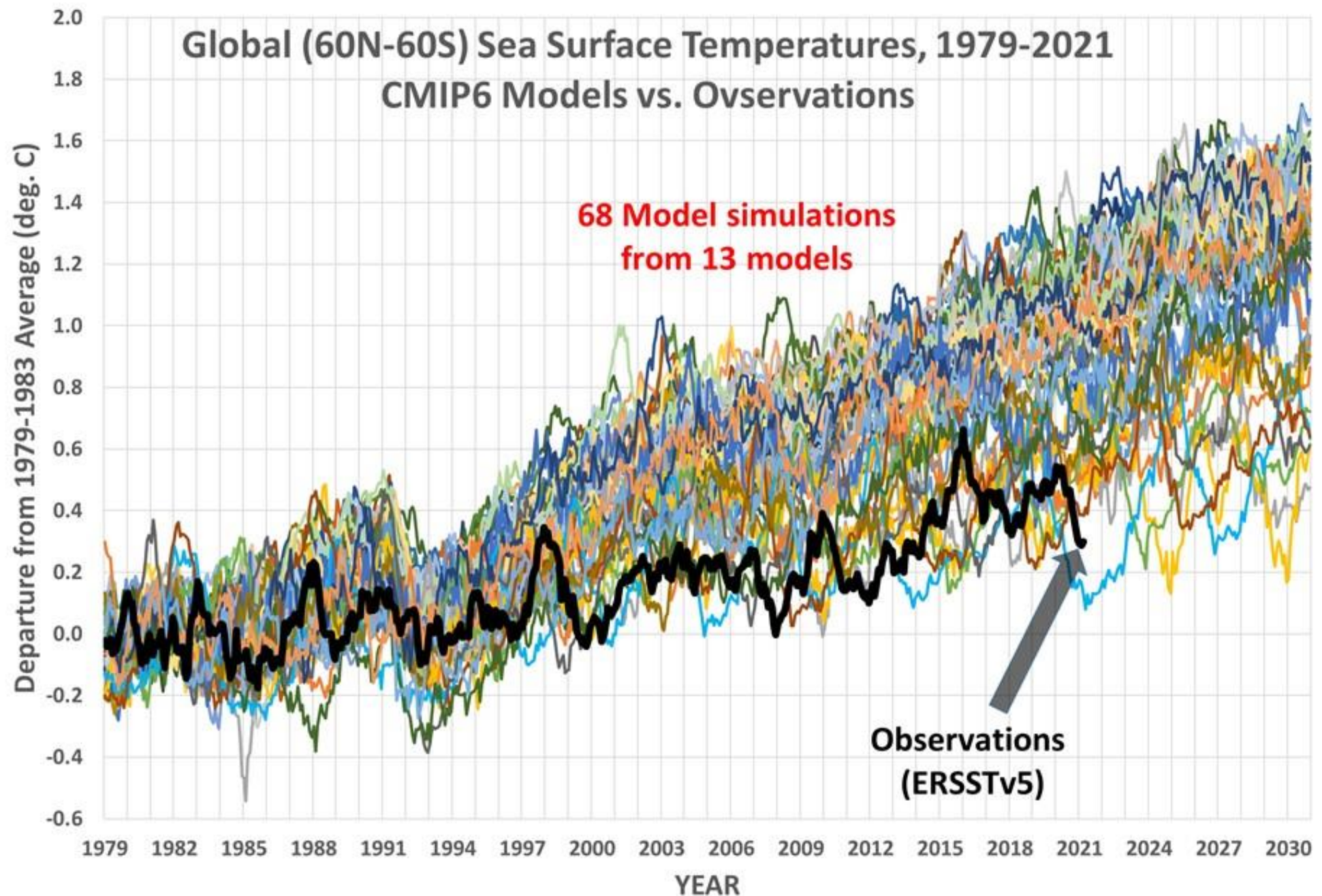




**39 IPCC Climate Model Simulations CMIP6
300-200 hPa Temperature Trend 1979-2019**



In other words,
models predict
double the warming
that occurs.



In science, a fundamental principle is that when you understand a system, you can predict its behavior

Seasonal Forecast Nov-Jan 2013-14



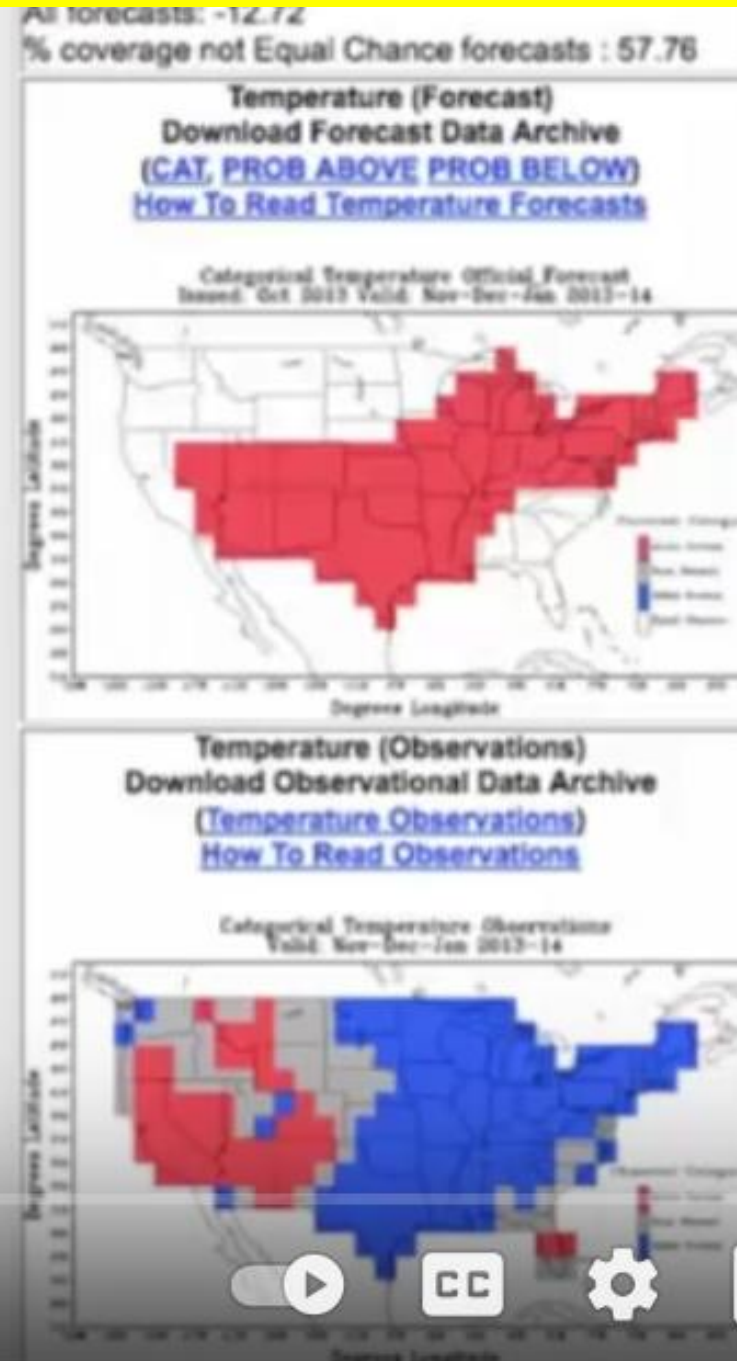
6:11 / 1:06:33



In science, a fundamental principle is that when you understand a system, you can predict its behavior

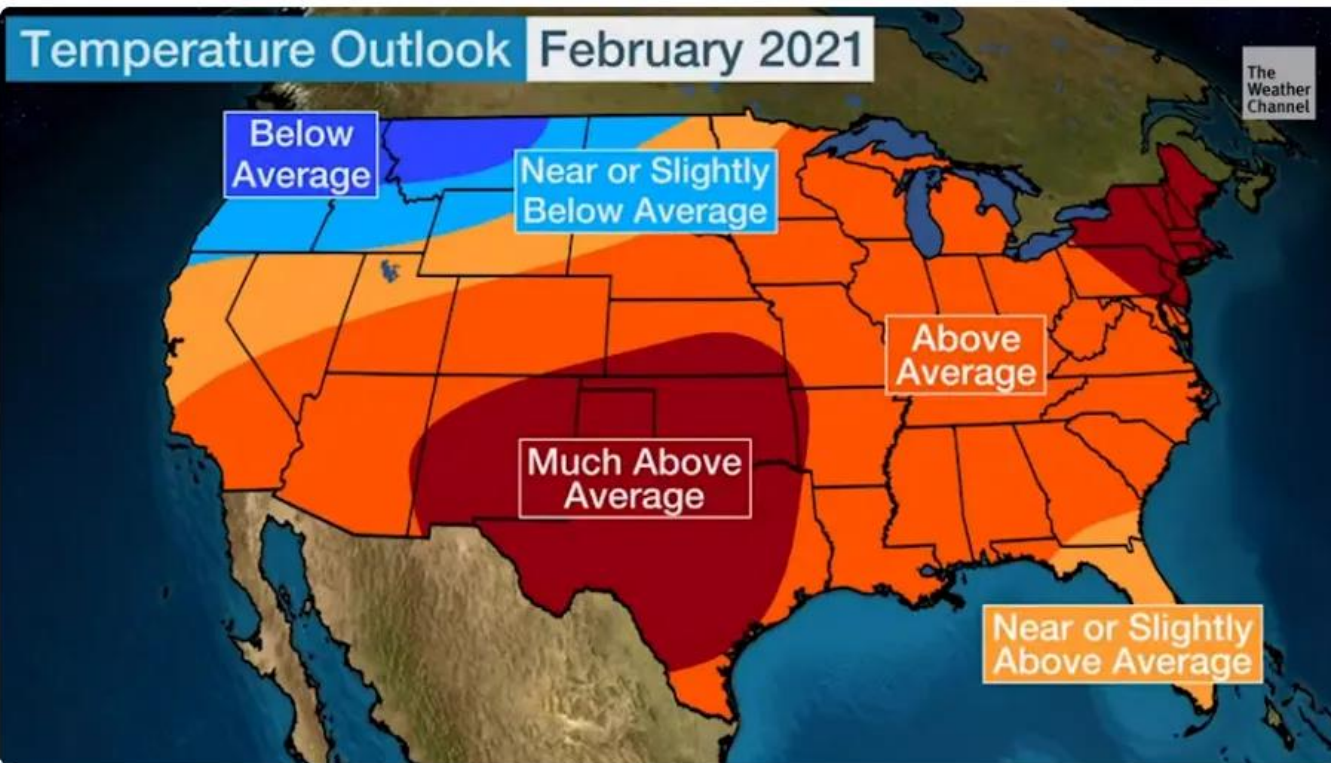
Seasonal Forecast Nov-Jan 2013-14

Actual



6:27 / 1:06:33



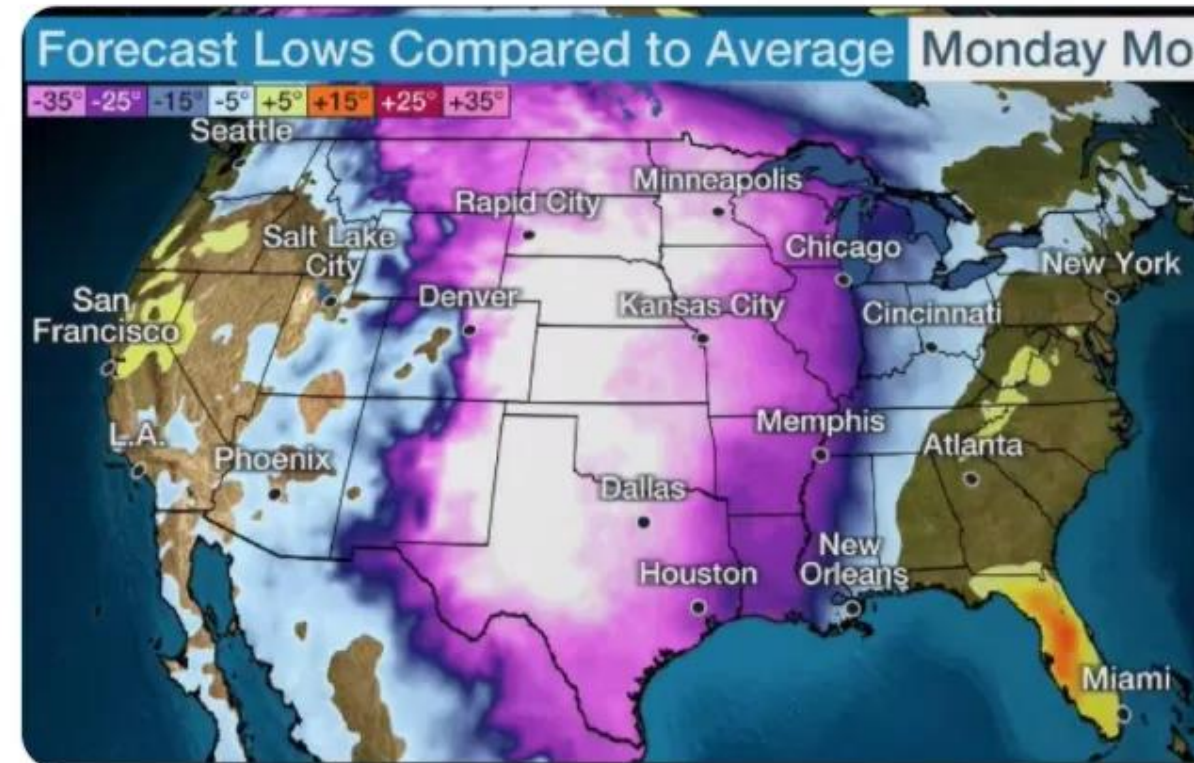


The Weather Channel ✓

@weatherchannel

Frigid conditions are expected for the nation's heartland into early next week. Hundreds of temperature records are threatened:

[weather.com/forecast/region...](https://weather.com/forecast/region)



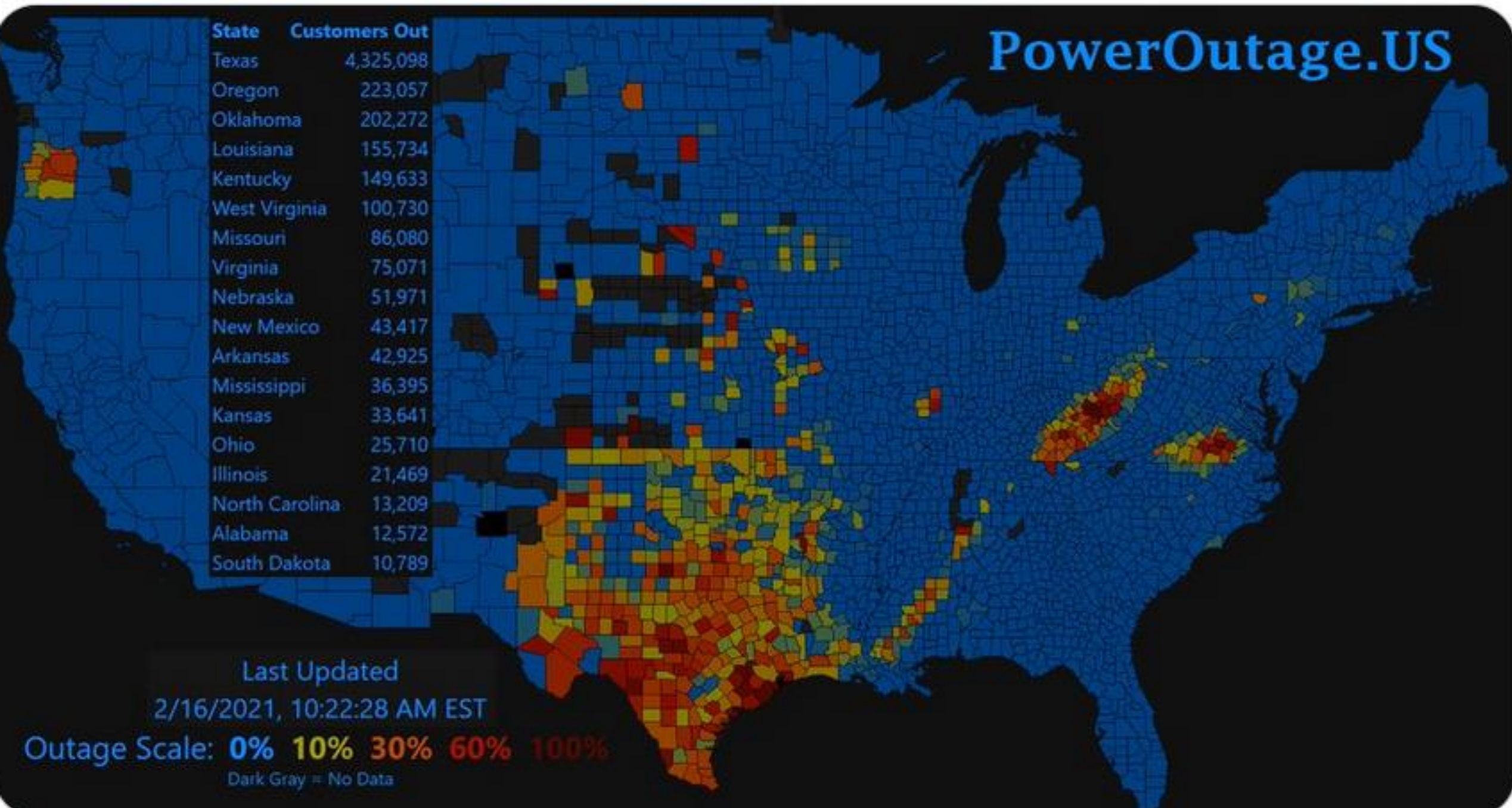
Related video: Mass casualty incident declared after pile-up on icy Texas freeway

Wind turbines are freezing in Texas amid 'unprecedented' storm

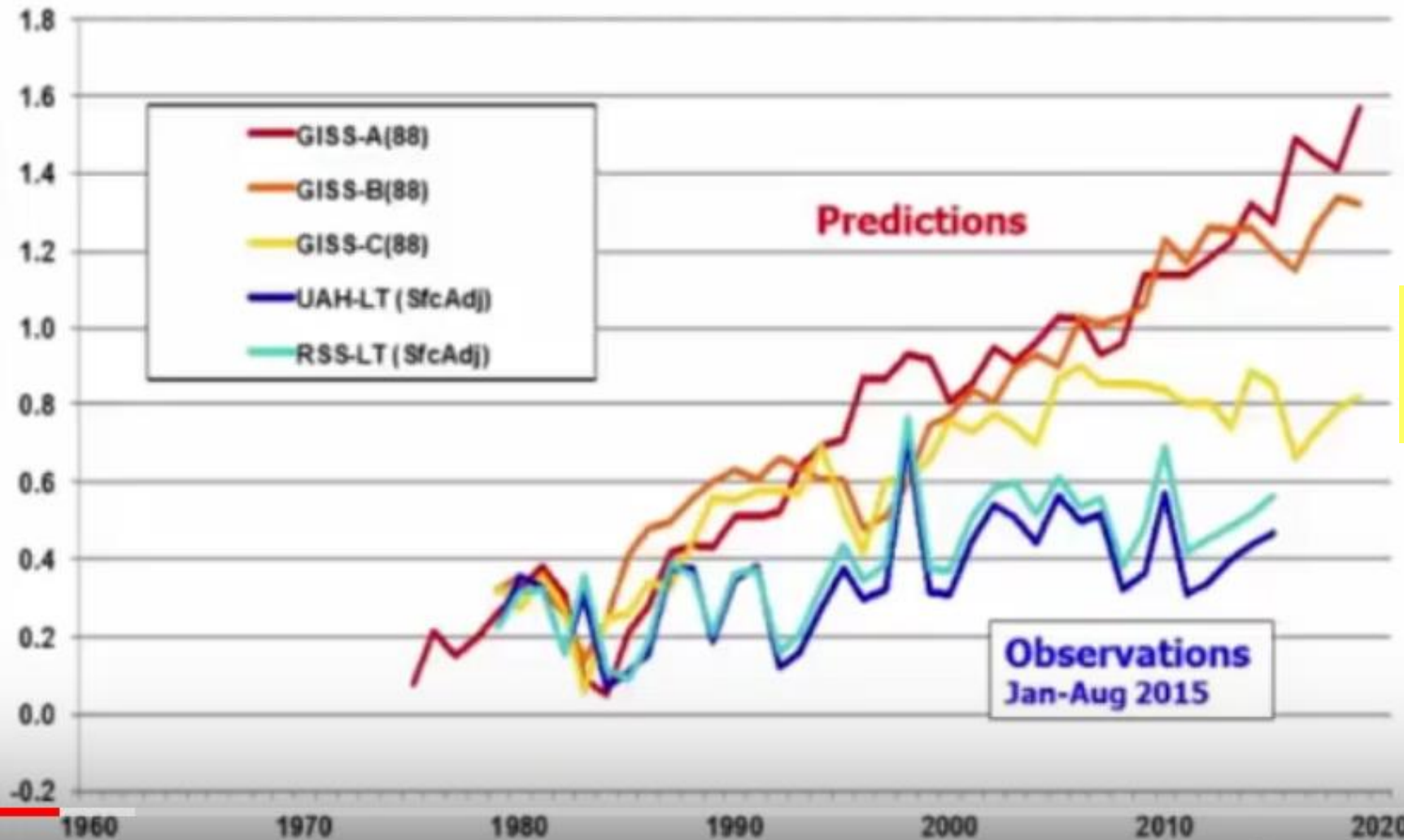
Wind turbines accounted for almost a quarter of Texas's energy in 2020, making it the second-largest power source after natural gas

James Crump | @thejamescrump | 2 hours ago | 4 comments



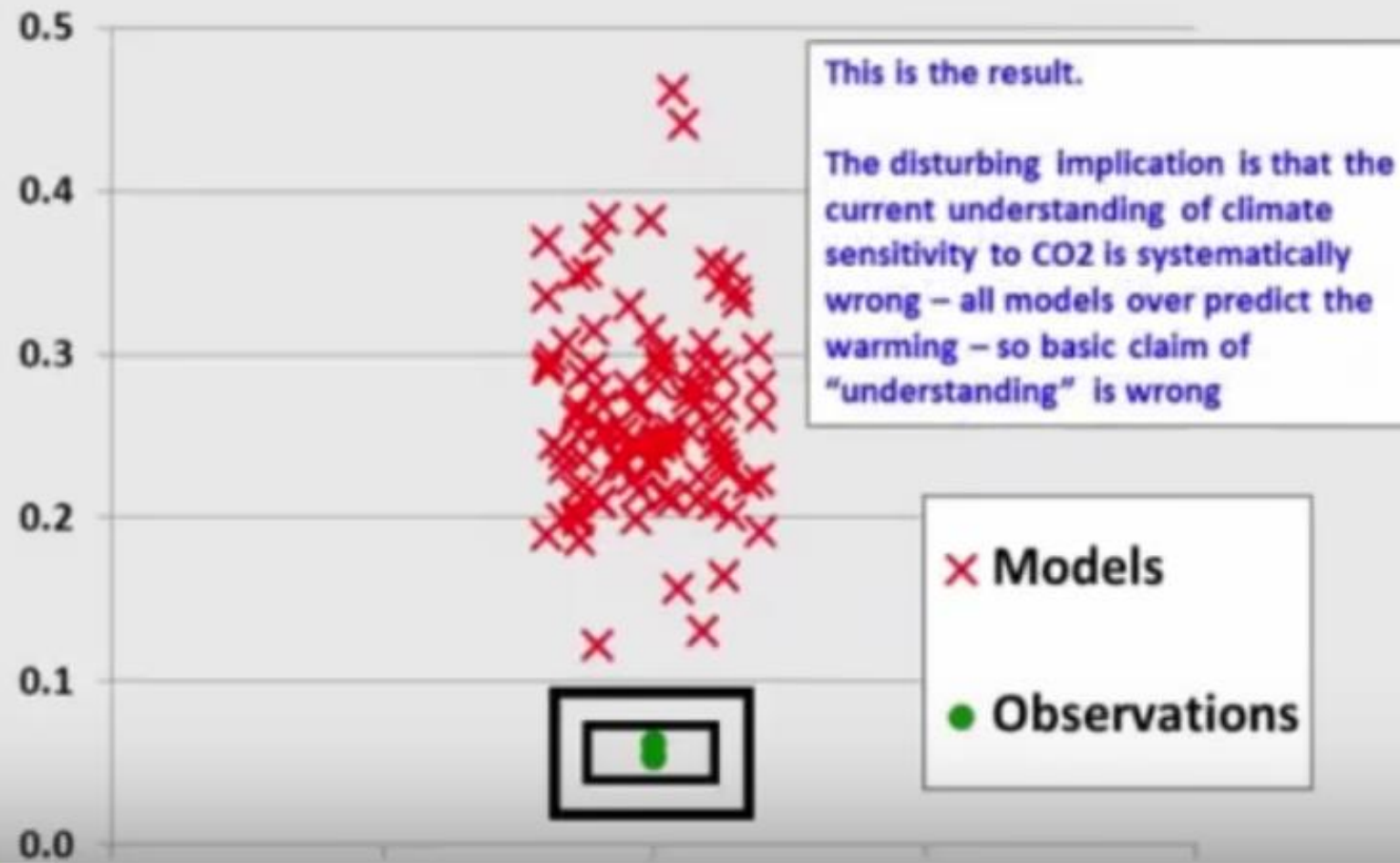


History Lesson 1988



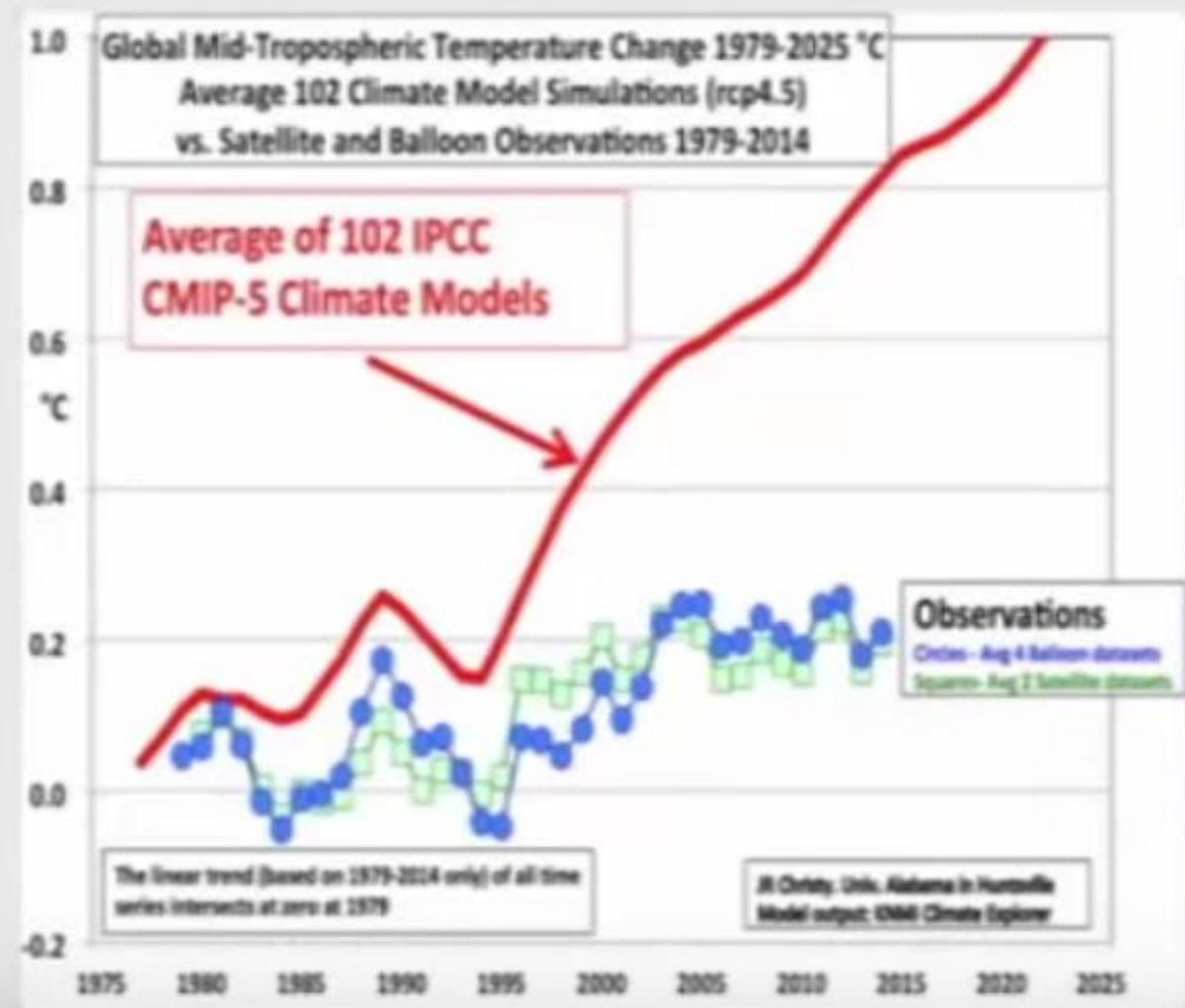
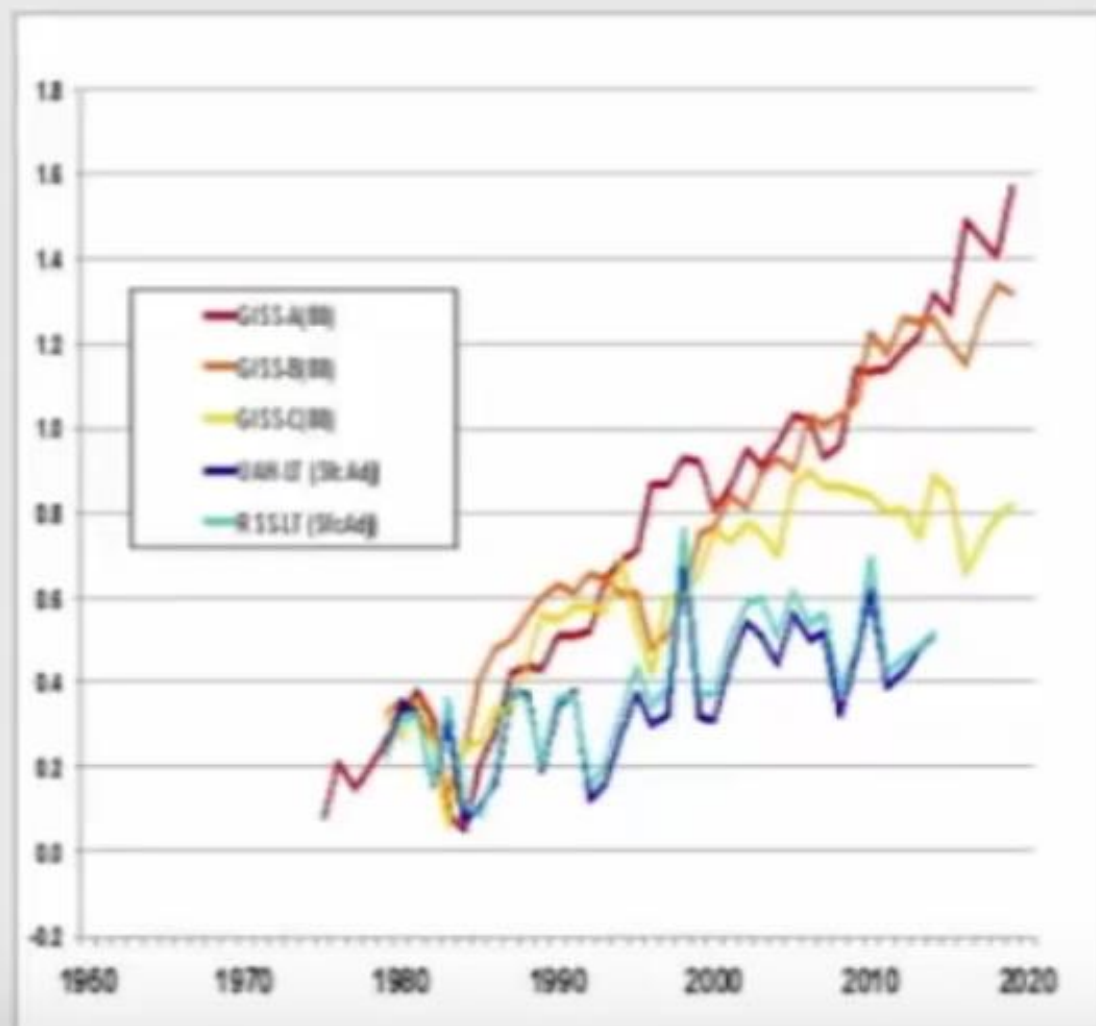
Hansen's Forecasts were falsified by the satellite temperature measurements

Tropical Tropospheric Temperature Trend ($^{\circ}\text{C}/\text{decade}$) 1979-2013, 102 CMIP-5 Models vs. Observations



13:01 / 1:06:33





14:15 / 1:06:33




Strong indications, probably proof, that solar and astronomical effects are driving climate change, not human emissions of Carbon Dioxide.

A Pervasive Millennial-Scale Cycle in North Atlantic Holocene and Glacial Climates

Gerard Bond, et al, SCIENCE; 14 Nov 1997; 278, 5341; Research Library

“Thousand year” cycles have been known almost 25 years... published in SCIENCE, 1997

Frequently called
...Bond Cycles



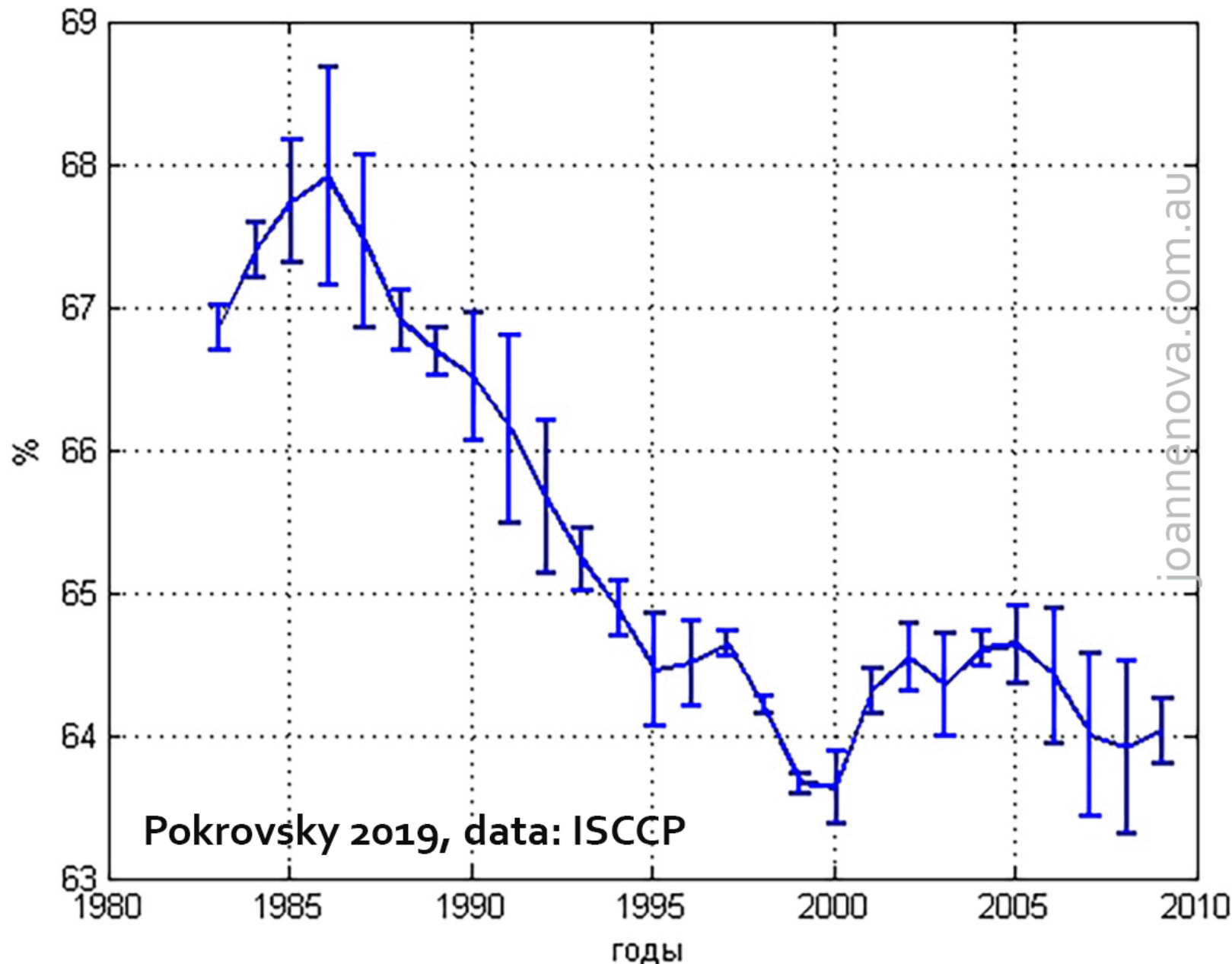
RESEARCH ARTICLE

A Pervasive Millennial-Scale Cycle in North Atlantic Holocene and Glacial Climates

Gerard Bond,* William Showers, Maziet Cheseby, Rusty Lotti, Peter Almasi, Peter deMenocal, Paul Priore, Heidi Cullen, Irka Hajdas, Georges Bonani

Evidence from North Atlantic deep sea cores reveals that abrupt shifts punctuated what is conventionally thought to have been a relatively stable Holocene climate. During each of these episodes, cool, ice-bearing waters from north of Iceland were advected as far south as the latitude of Britain. At about the same times, the atmospheric circulation above Greenland changed abruptly. Pacing of the Holocene events and of abrupt climate shifts during the last glaciation are statistically the same; together, they make up a series of climate shifts with a cyclicity close to 1470 ± 500 years. The Holocene events, therefore, appear to be the most recent manifestation of a pervasive millennial-scale climate cycle operating independently of the glacial-interglacial climate state. Amplification of the cycle during the last glaciation may have been linked to the North Atlantic's thermohaline circulation.

Percentage of Global Cloud cover



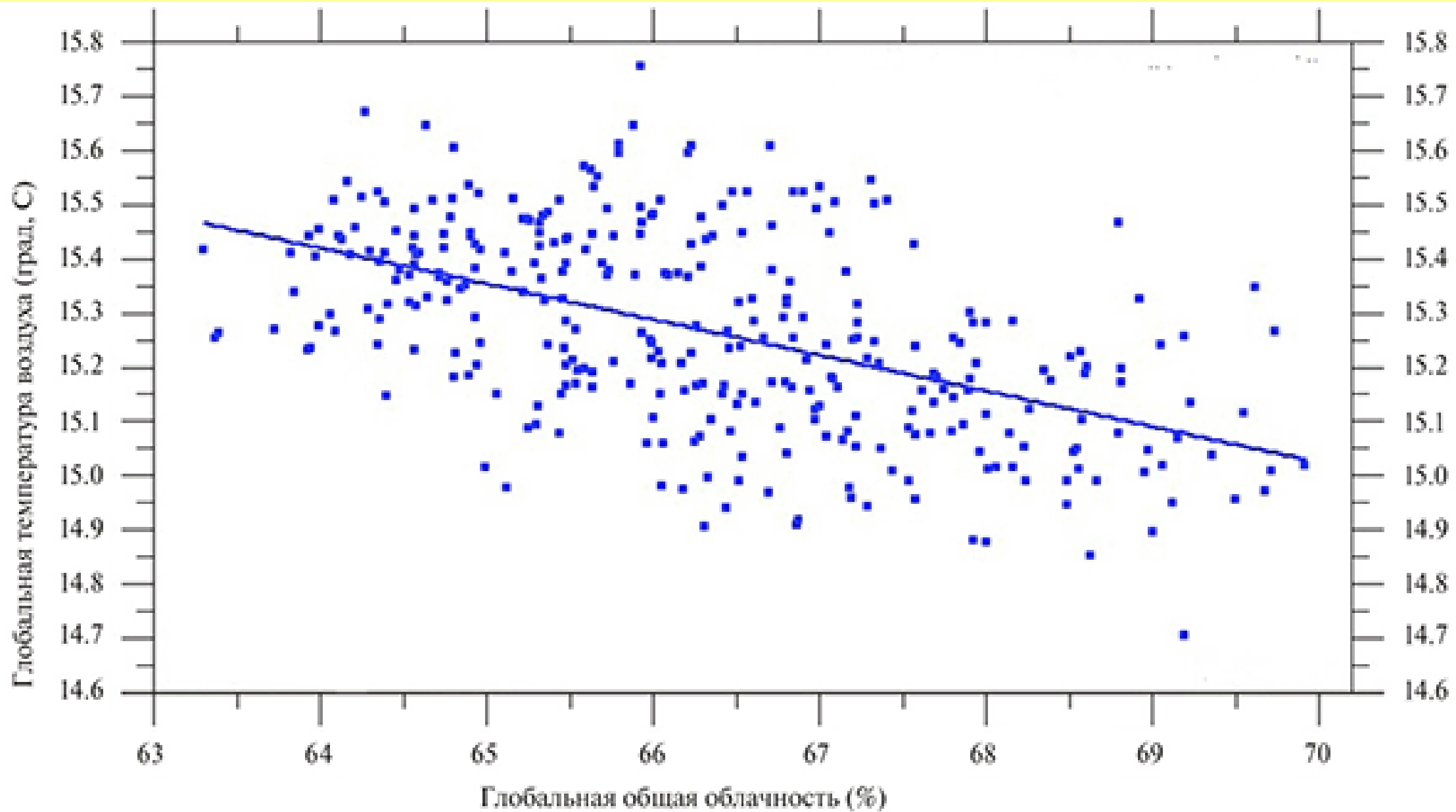
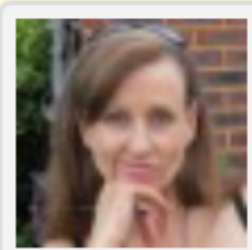


Fig. 9. Results of regression analysis of the series of global clouds (ISCCP) and surface air temperature (CRUTEM3).



Jo Nova

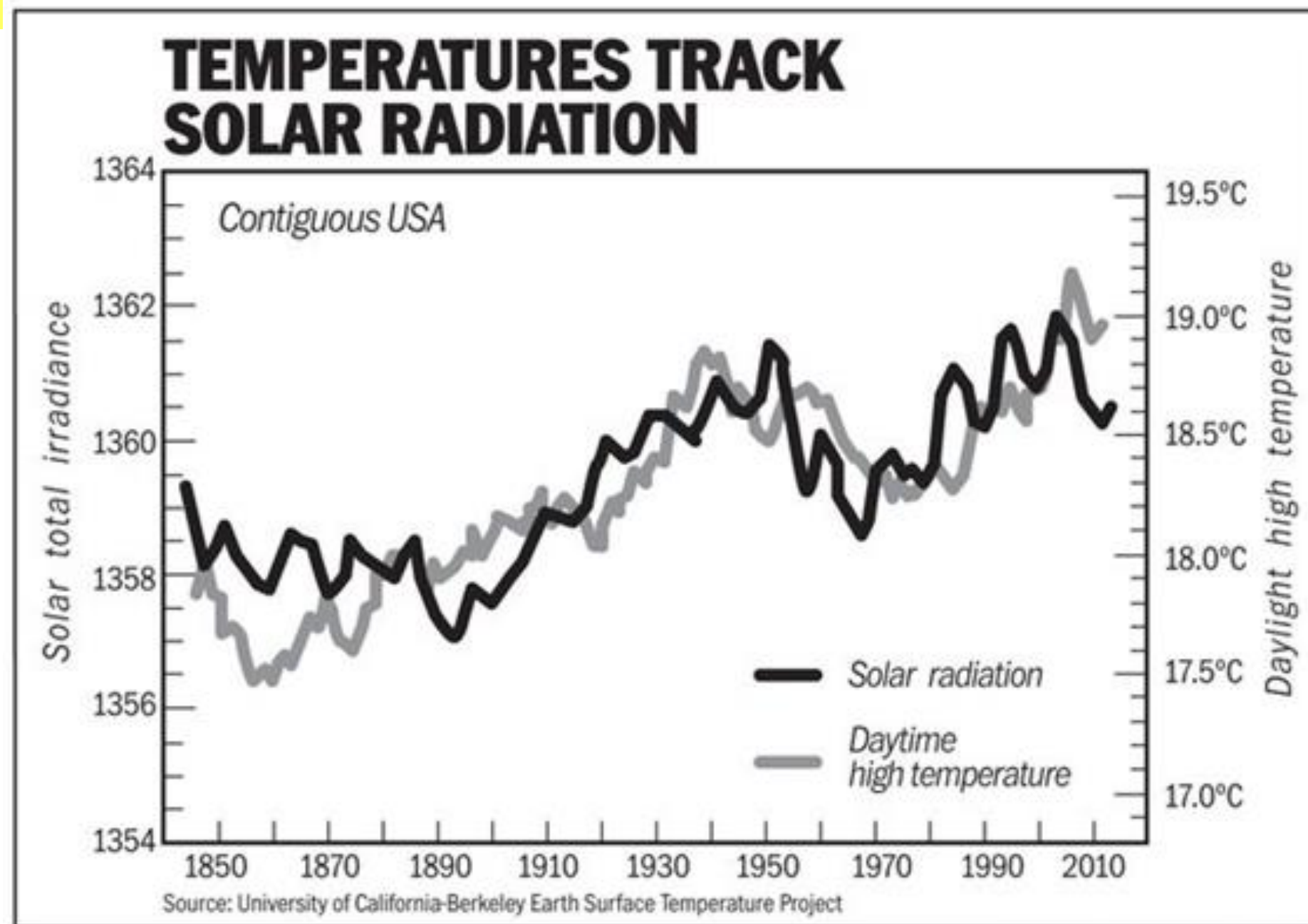
November 2, 2019 at 5:53 pm · Reply

#1.1.1

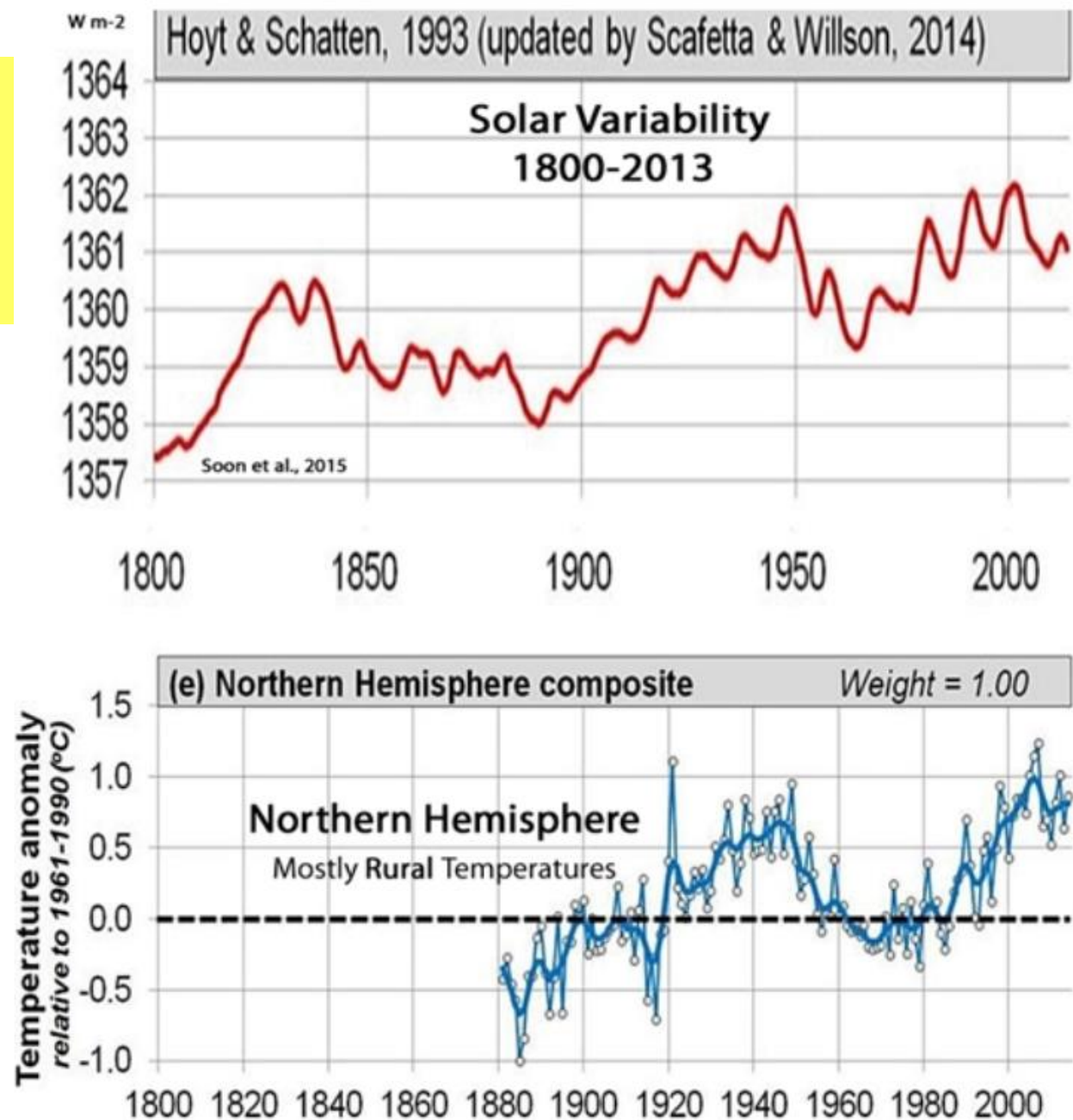
Which law of physics says that heat trapped by CO₂ won't be released by changes in cloud cover? Or are you just here to drop in mindless scientific clichés as if they mean something?

If NASA Langley has the laws of physics wrong, quick, rush, do tell them.

PS: I'd like to ask the ABC why it is that a major US database on one of the most important factors in climate change hasn't been discussed by a major US or Australian scientific research unit. Why is it that it takes a Russian to assess this critical database?



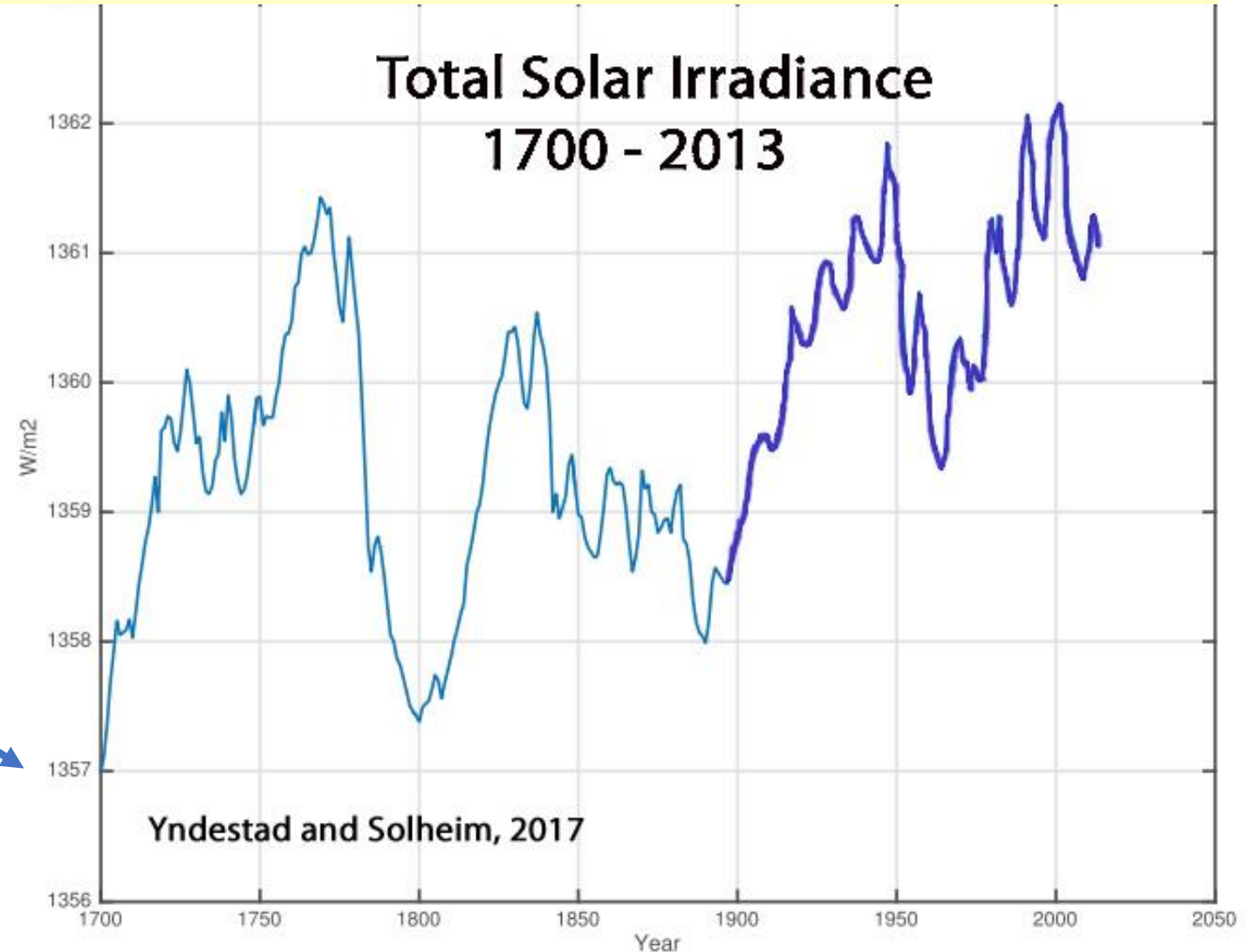
<http://notrickszone.com/2019/03/25/satellite-evidence-affirms-solar-activity-drove-a-significant-percentage-of-recent-warming/>



Graph Source: [Soon et al., 2015](#)

Non-Adjusted Temperature Data Appear To Correlate With 20th Century Solar Forcing

[Yndestad and Solheim \(2017\)](#) have released a reconstruction of solar activity (Total Solar Irradiance, or TSI) for 1700-2013.



1690
Depth of Little Ice Age

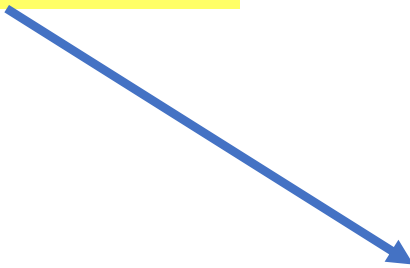
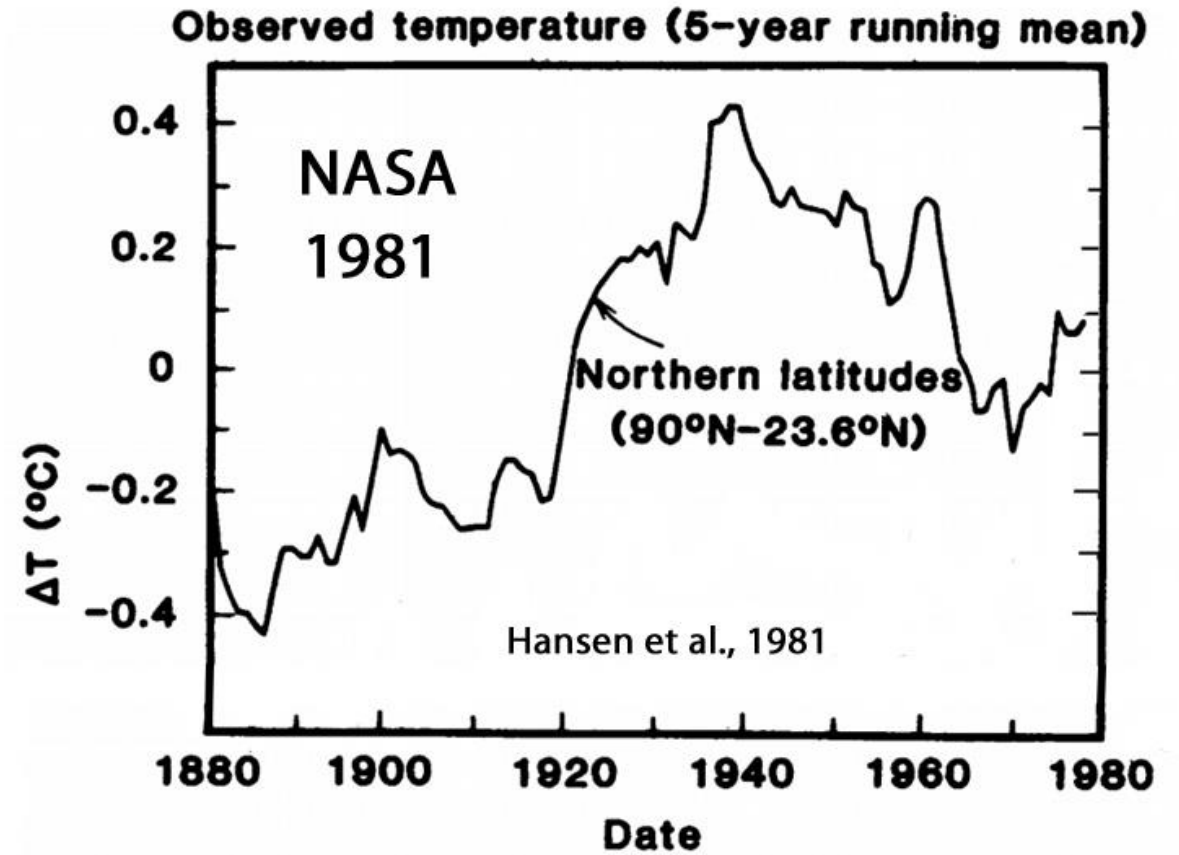
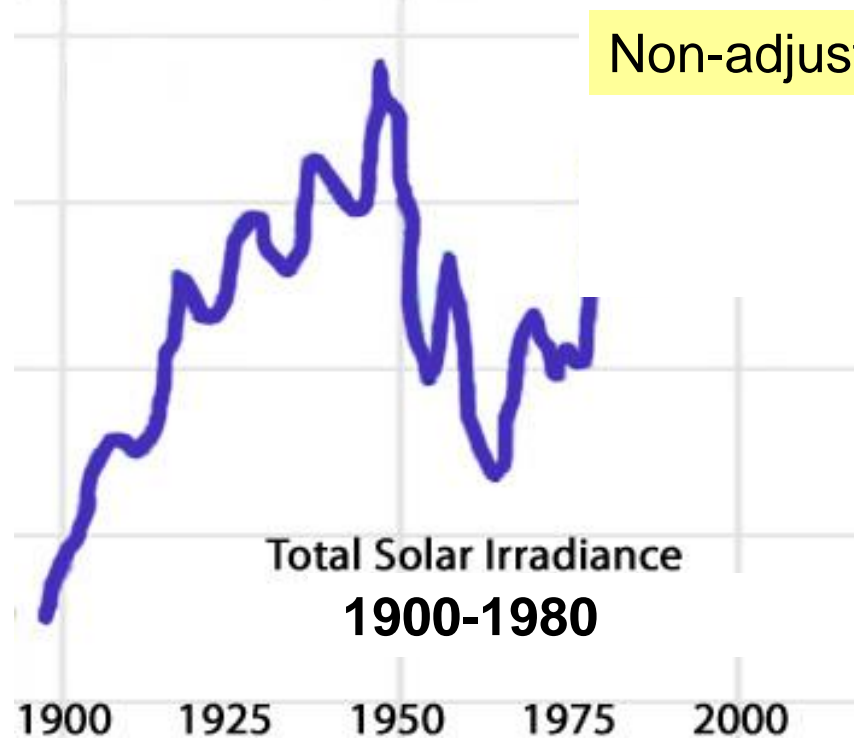


Fig. 3. TSI-HS total solar irradiance from 1700 to 2013 A.D. ([Scafetta and Willson, 2014](#)).

Non-adjusted temperature data appear to correlate with solar forcing



CO2, GLOBAL WARMING, CLIMATE AND ENERGY

Guest Blogger / June 15, 2019

CO2, GLOBAL WARMING, CLIMATE AND ENERGY

by Allan M.R. MacRae, B.A.Sc., M.Eng., P.Eng., June 2019

ABSTRACT

Global warming alarmism, which falsely assumes that increasing atmospheric CO2 causes catastrophic global warming, is disproved – essentially, it assumes that the future is causing the past. In reality, atmospheric CO2 changes lag global temperature changes at all measured time scales.

Nino34 Area Sea Surface Temperature changes, then tropical humidity changes, then atmospheric temperature changes, then CO2 changes.

More Lies and Deliberate Deceptions

Page 65:

“...Comparison of adjusted rural data to that of the raw rural data shows **systematically the rural adjusted temperature rate of increase is 5-times more than that of the raw data.**

The adjusted urban data set's and raw urban data set's rates of temperature increase are the same.

NCDC's protocol for adjusting the data causes historical rural data to take on the time-line characteristics of urban data.

This reports a false rate of temperature increase for the U.S.

Bold, paragraphing, edits, added

Bob's Editorial Comment : NCDC is engaging in fraud.

What's happening to the climate is unprecedented

Print

Published: April 9 2010 03:00 | Last updated: April 9 2010 03:00

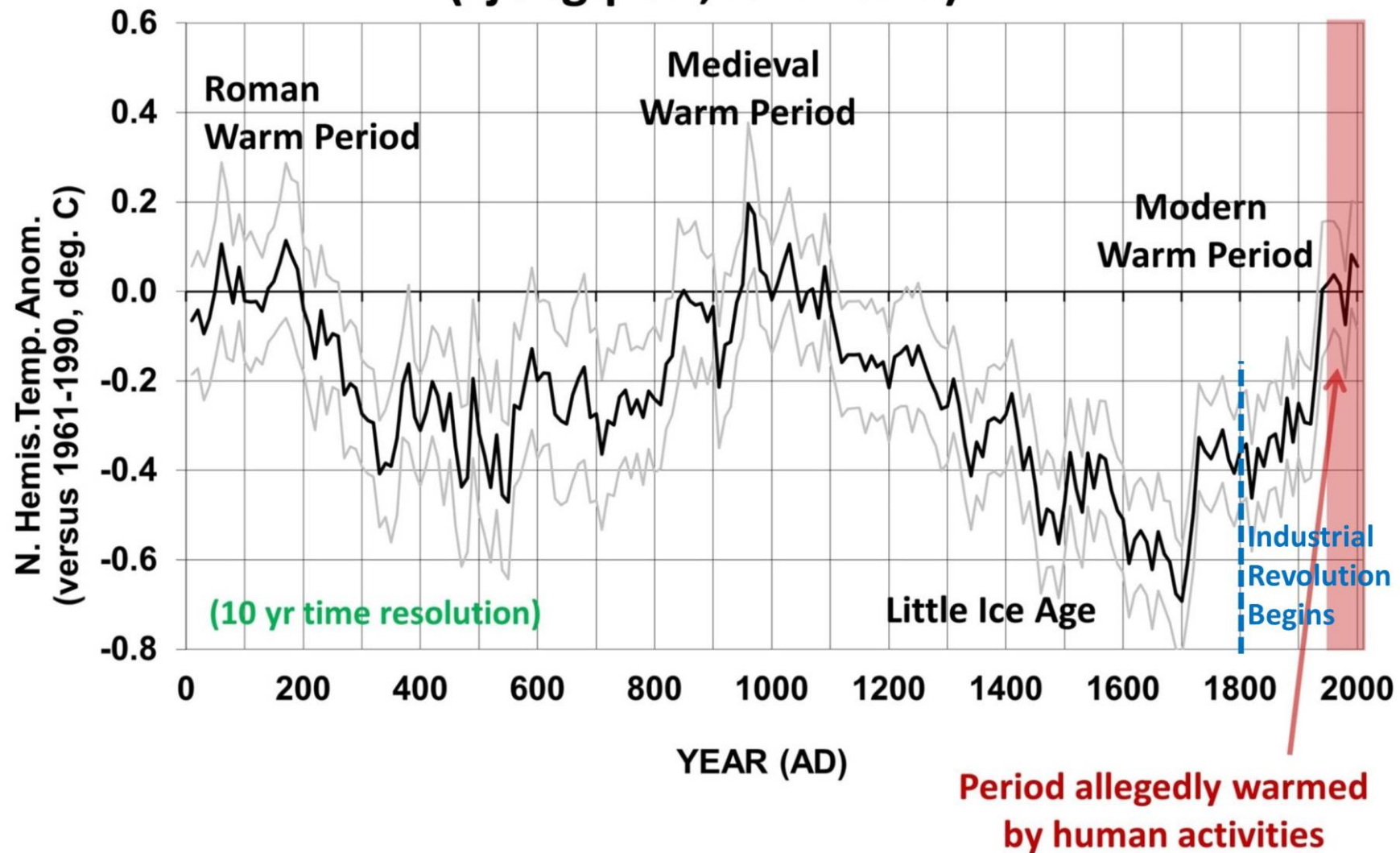
From Prof Martin Rees and Dr Ralph J. Cicerone.

Unprecedented?

Prof Rees is president of the Royal Society in the UK,

Dr Cicerone is the President of the US National Academy of Science

N. Hemisphere Temperature proxies (Ljungqvist, F.C. 2010)



Multi-proxy reconstruction also shows ~1000-year cycles in the Holocene



Carbon Dioxide

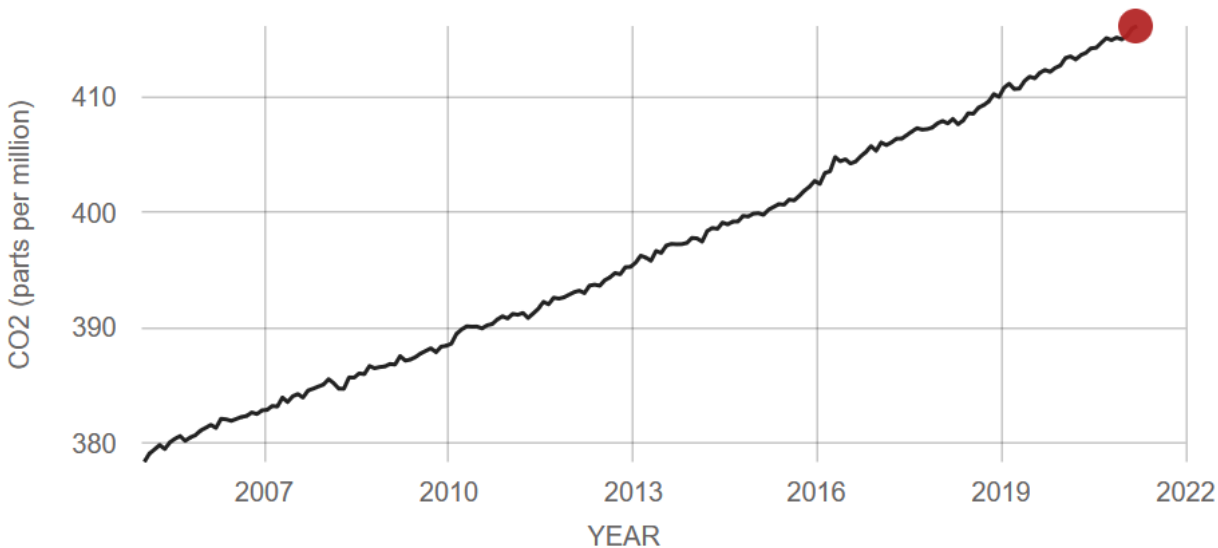
LATEST MEASUREMENT: March 2021

416 ppm

NASA's intent of this chart is to frighten, not teach

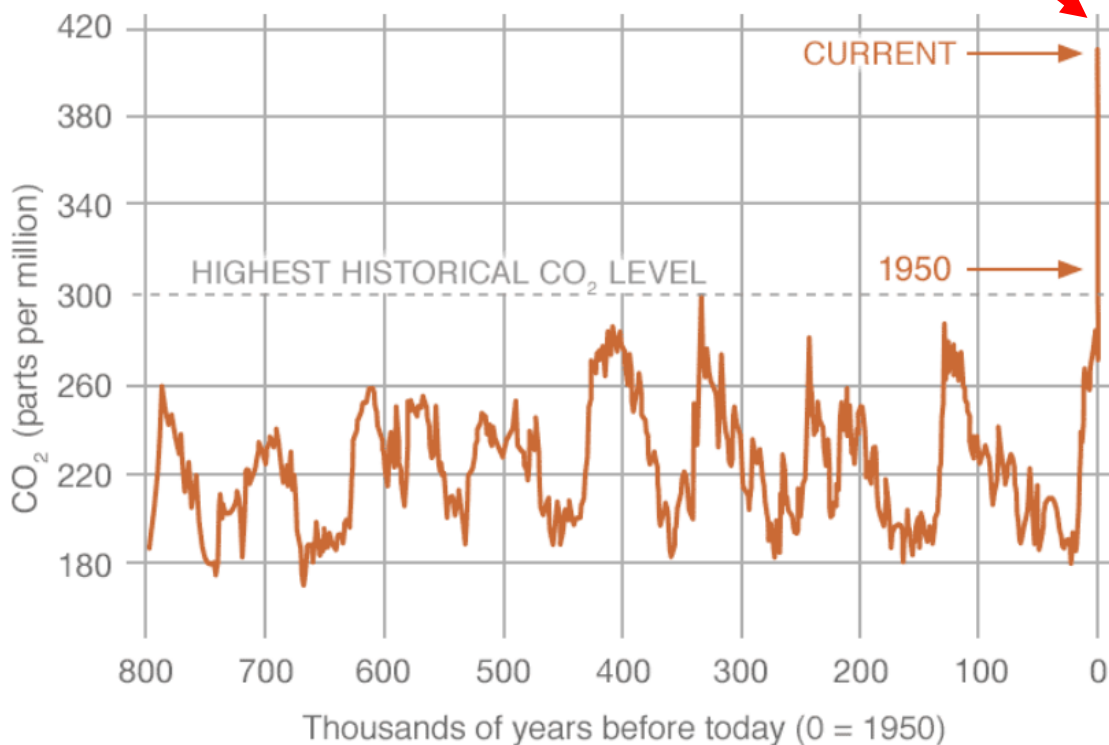
DIRECT MEASUREMENTS: 2005-PRESENT

Data source: Monthly measurements (average seasonal cycle removed). Credit: [NOAA](#)



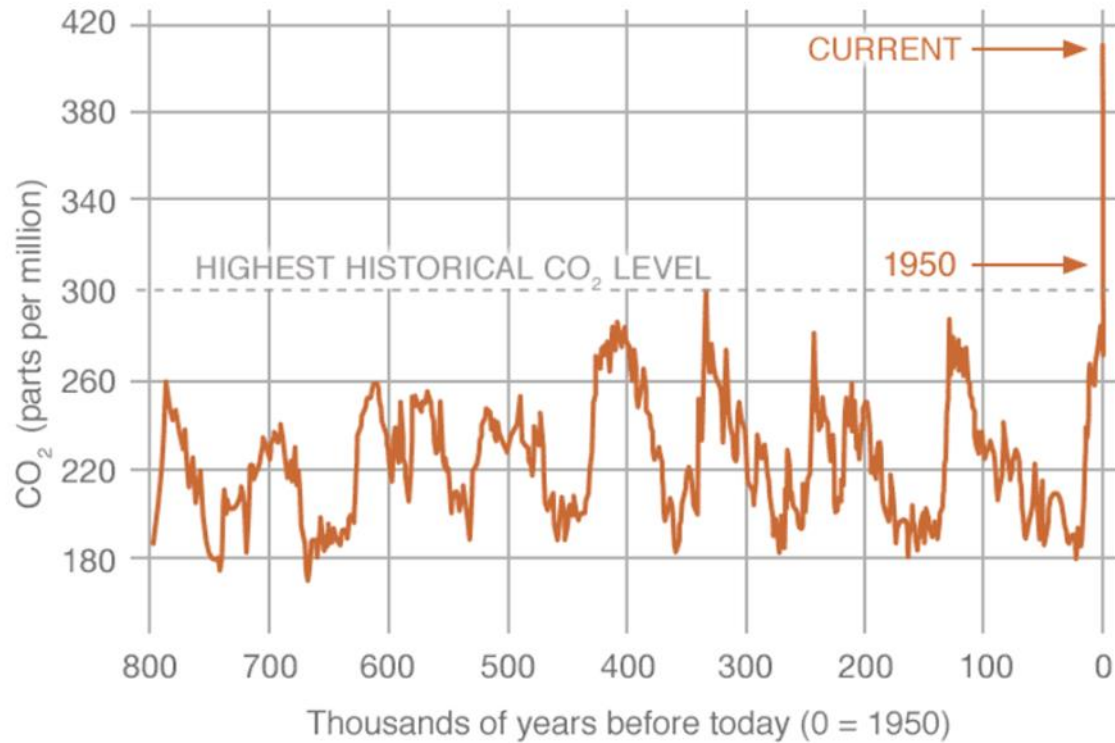
PROXY (INDIRECT) MEASUREMENTS

Data source: Reconstruction from ice cores.
Credit: NOAA

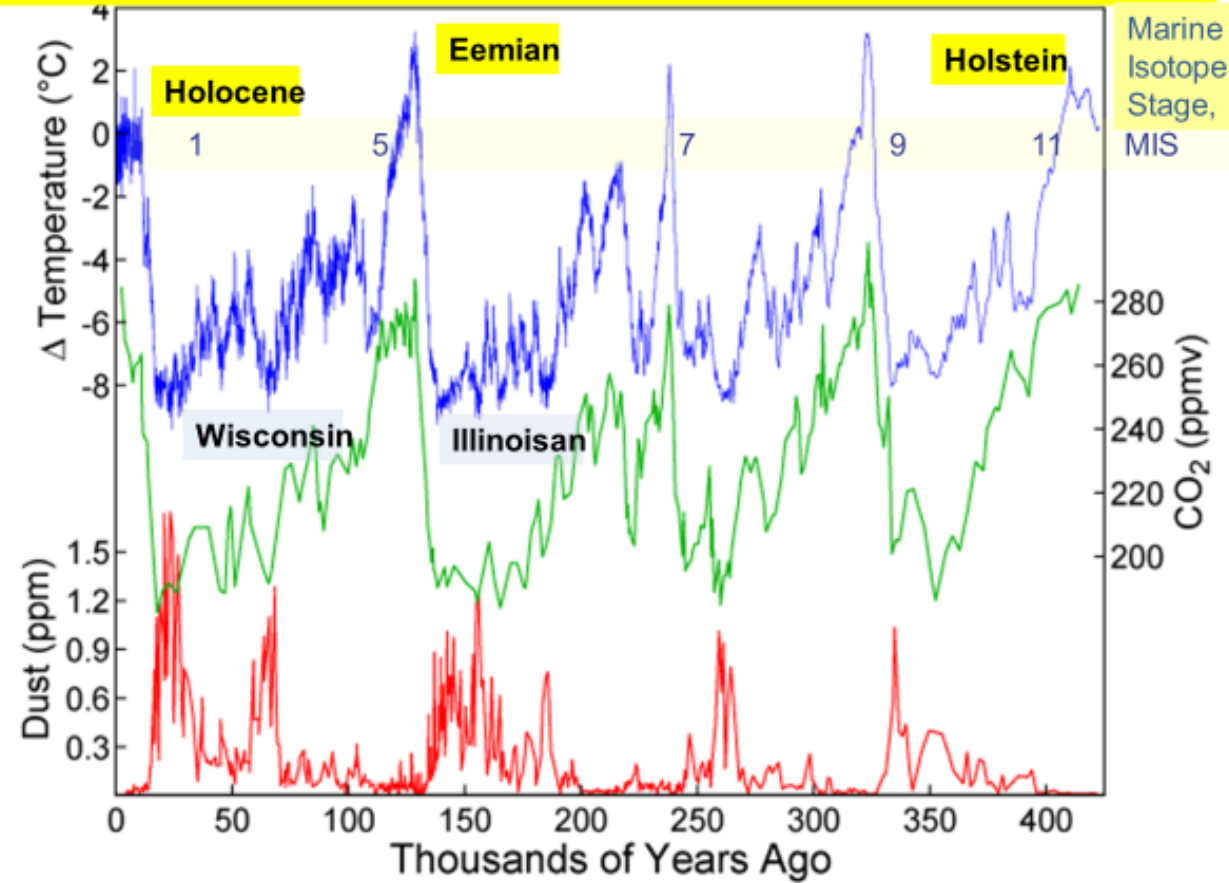


PROXY (INDIRECT) MEASUREMENTS

Data source: Reconstruction from ice cores.
Credit: NOAA



<http://en.wikipedia.org/wiki/File:Vostok-ice-core-petit.png>



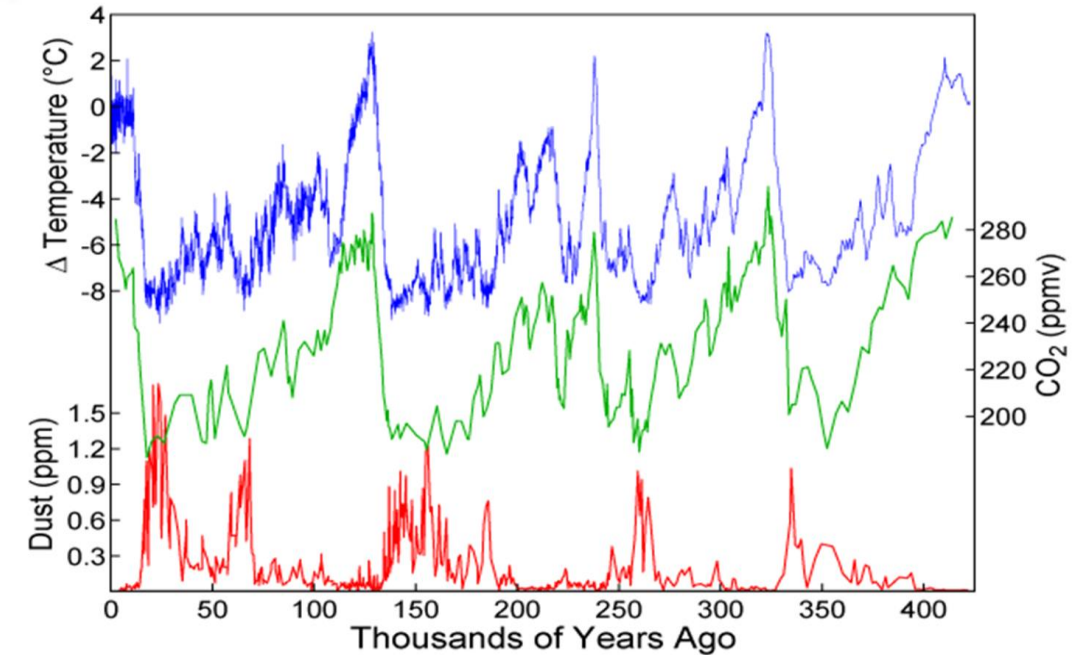
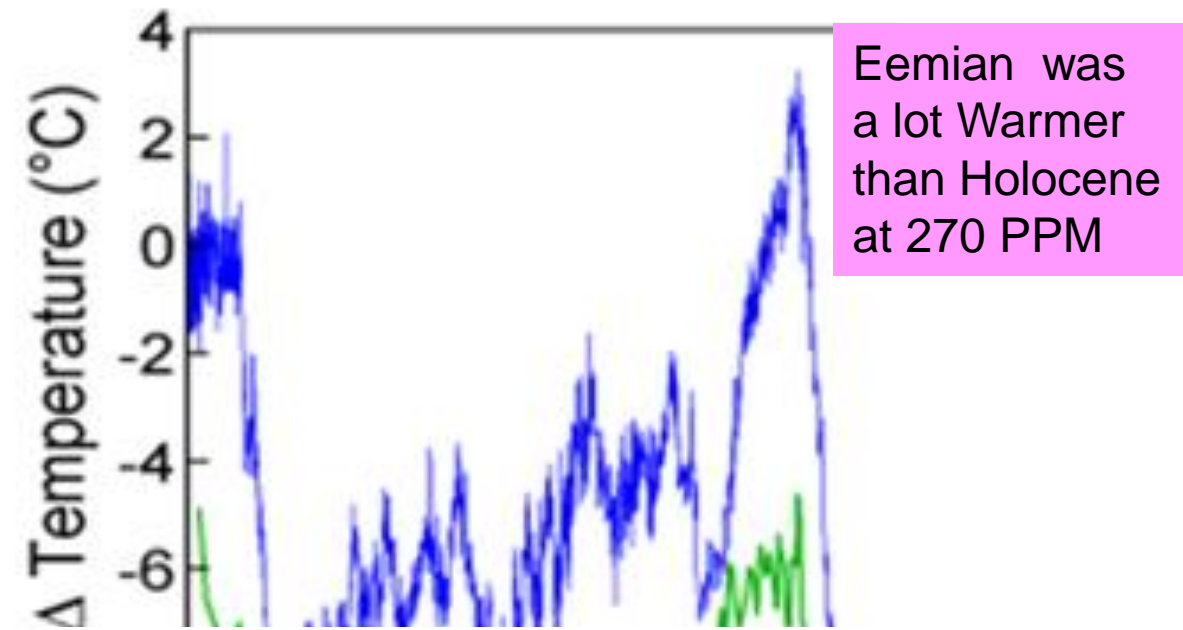
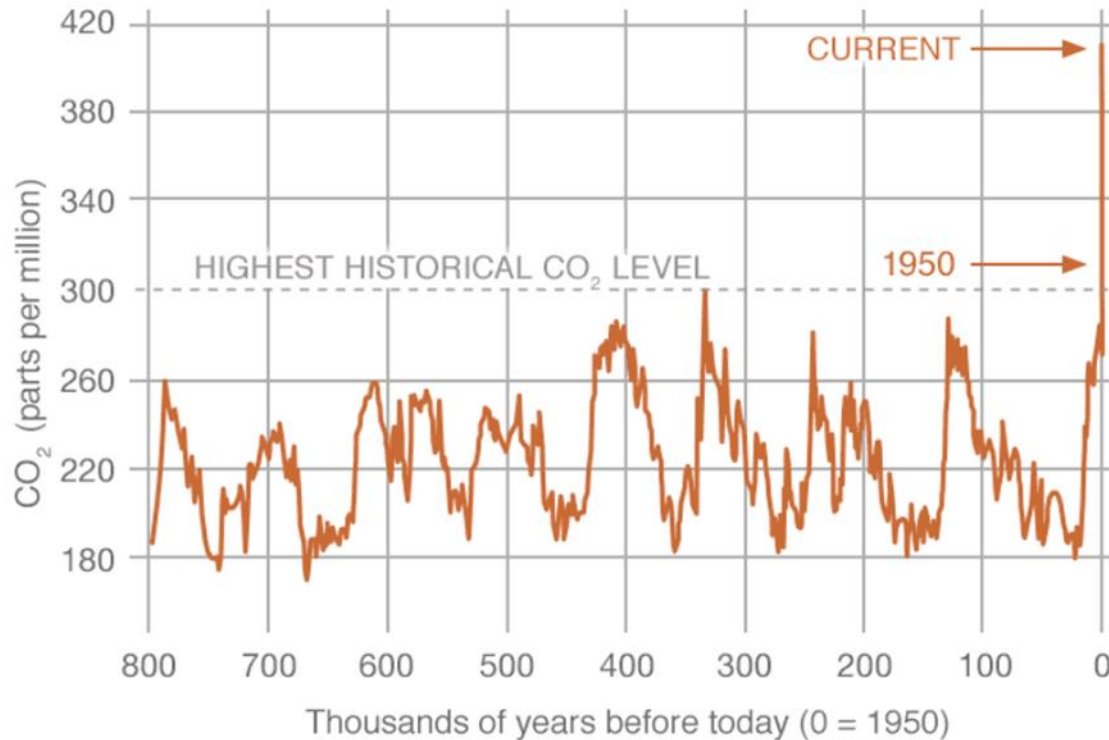
Please remember **Holocene** is the last 20,000 years, and the **Eemian** is the previous interglacial, 130,000 years ago.

Holocene coolest of the interglacials with 416 PPM CO₂

In fact, TODAY we are nowhere as warm as most of the Holocene, especially spikes 15,000, 8000 and 7000 years ago, and that temperature change is the norm

PROXY (INDIRECT) MEASUREMENTS

Data source: Reconstruction from ice cores.
Credit: NOAA



This chart shows that CO₂ does NOT CONTROL Temperature

THE MYTH OF THE 1970s GLOBAL COOLING SCIENTIFIC CONSENSUS

BY THOMAS C. PETERSON, WILLIAM M. CONNOLLEY, AND JOHN FLECK

There was no scientific consensus in the 1970s that the Earth was headed into an imminent ice age. Indeed, the possibility of anthropogenic warming dominated the peer-reviewed literature even then.

THE MYTH. When climate researcher Reid Bryson stood before the members of the American Association for the Advancement of Science in December 1972, his description of the state of scientists' understanding of climate change sounded very much like the old story about the group of blind men trying to describe an elephant. The integrated enterprise of climate science as we know it today was in its infancy, with different groups of scientists feeling blindly around their

piece of the lumbering climate beast. Rigorous measurements of increasing atmospheric carbon dioxide were available for the first time, along with modeling results suggesting that global warming would be a clear consequence. Meanwhile, newly created global temperature series showed cooling since the 1940s, and other scientists were looking to aerosols to explain the change. The mystery of waxing and waning ice ages had long entranced geologists, and a cohesive explanation in terms of orbital solar forcing was beginning to emerge.

WUWT

Watts Up With That?

The world's most viewed site on global warming and climate change


[Home](#) [About](#) [Climate FAIL Files](#) [Climategate](#) [Reference Pages](#) [Submit story](#) [Test](#) [Tips and Notes](#)

NCDC's Dr. Thomas Peterson: "It's a knife fight"

Anthony Watts / January 16, 2011

This is a row screencap from this Twitter page: <http://twitter.com/scio11>



 **Allochthonous** 'It's a knife fight', says Tom Peterson. I'd argue that we're considering picking up a knife while other side researching nukes. #scio11

about 19 hours ago via Echofon
Retweeted by [scio11](#) and 3 others

It comes from the January 13-16th, 2011 Science Online conference held in the Research Triangle Park in Durham. Details at these URL's

“ <http://scienceonline2011.com/>
<http://scio11.wikispaces.com/>



Advertisements

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“LESSONS FROM CLIMATEGATE”

“You guys have got to start fighting back” is the message many climatologists are hearing in the wake the slanderous attack on their integrity that has been called Swifthack, or Climategate. But for many scientists, fighting back means publishing a really good paper in a reputable journal. That doesn’t cut it anymore. How should scientists and their communicator allies go about planning a strategy?

Panel:

Tom Peterson, Chief Scientist, NCDC

James Hrynyshyn, journalist, Class M — or Chris Mooney (he’s been invited)

Josh Rosenau, NCSE

(James Hrynyshyn)

– One thing to think about for this panel would be getting someone who has experience organizing successful campaigns. With the GOP promoting the idea of Congressional hearings on the “fraud” of global warming this discussion should involve strategies for countering their smear of climate scientists for political purposes.

This post gives a new meaning to the term, “Political Science.”

Bishop Hill [points out](#) that:

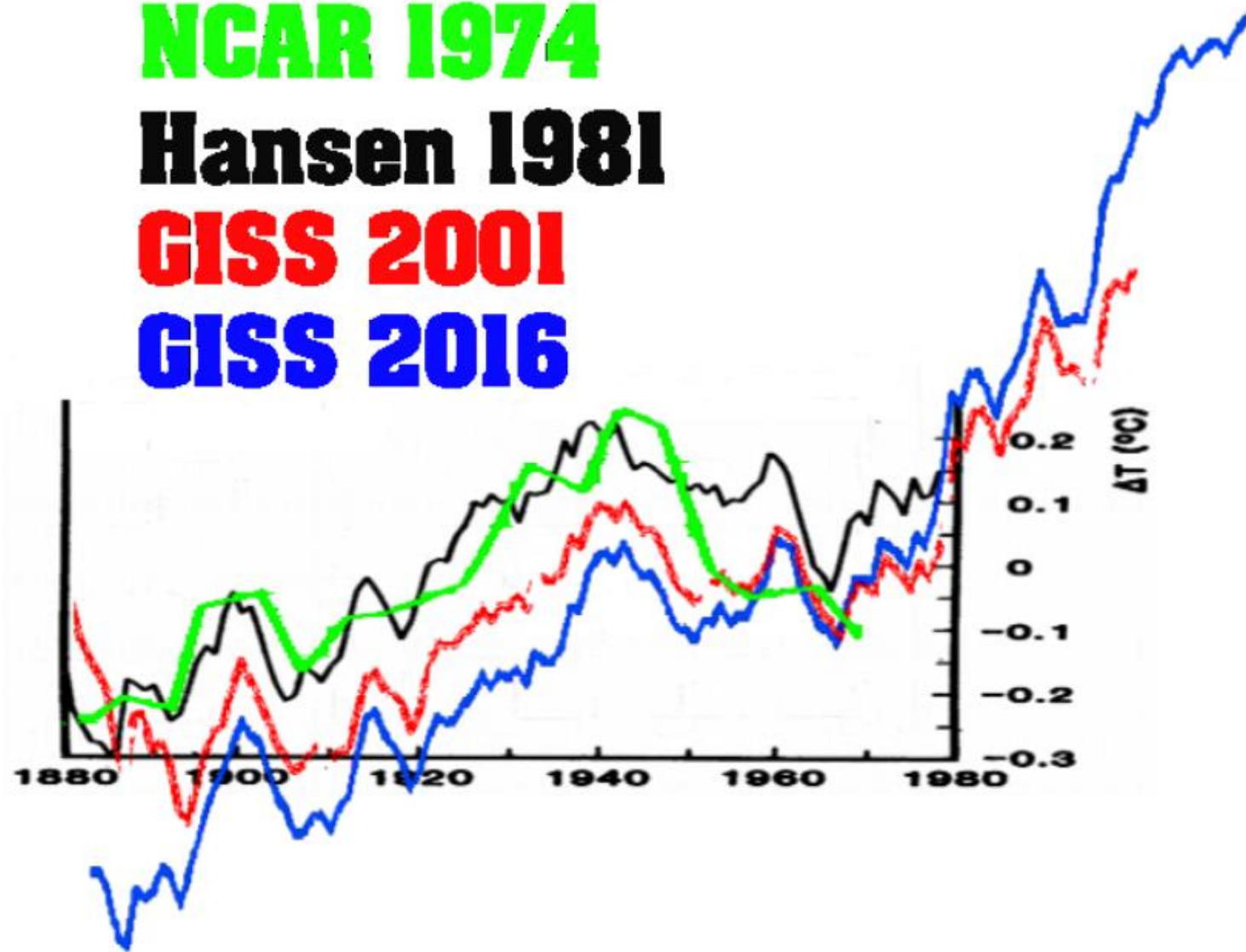
“ *The talk of ninjas and knife fights is interesting in the current atmosphere. (Tom Peterson is a scientist at NCDC. Some may know him for his work on urban heat island effect).*

NCAR 1974

Hansen 1981

GISS 2001

GISS 2016



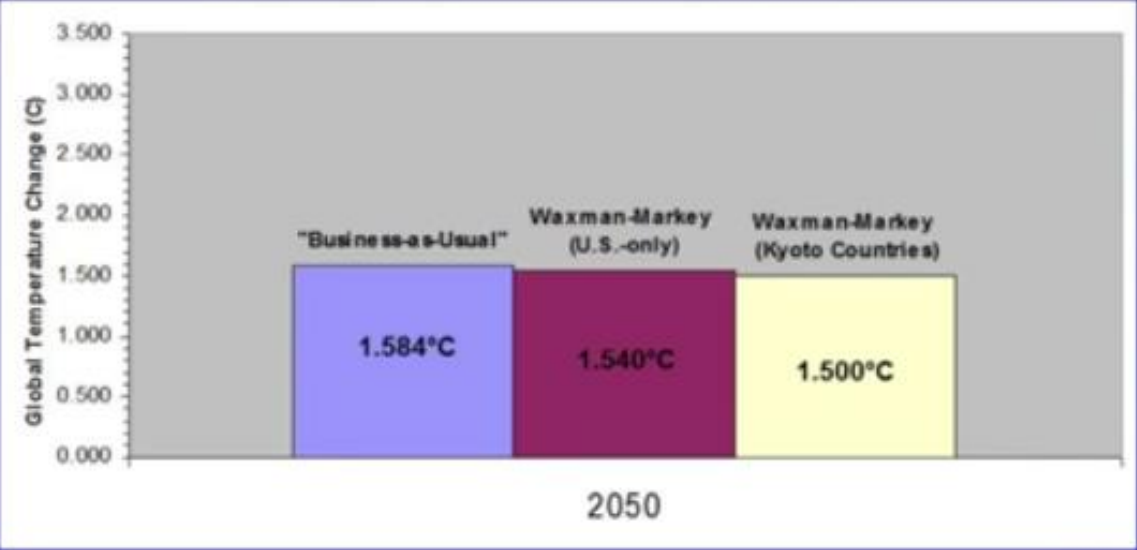
Folly:

Dramatic decreases in CO₂ emissions will have no perceptible effect on temperatures.

“All pain for no gain.”

Waxman-Markey bill would have reduced fossil fuel use to before electricity, automobiles, to when life expectancy was 40 years
And according to the UN IPCC models it would not be possible to find it, $<0.08^{\circ}\text{C}$, when the standard error is 0.5°C

Impacts of Waxman-Markey on Projected Global Temperatures Year 2050



<https://www.youtube.com/watch?v=WpNzwzwm-xU>

Institute of
Public Affairs
THE VOICE FOR FREEDOM
70 YEARS: 1943-2013



30:43 / 37:46



Forbes

Reduce U.S. Carbon Emissions To Zero, And The Temperature Decrease By 2100 Will Be Undetectable



Patrick Michaels Contributor ①

Opinion

I write about the interface of public science and public policy

Now we calculate, and you decide. And the answer is...0.052°C by 2050 and 0.137°C by 2100.

Biggest Folly of Biden's Climate Summit?

We can reduce our carbon dioxide emissions by half since 2005 peak.

Tracking Progress Towards President Biden's 2030 Emissions Reduction Target

President Biden has announced ambitious goals for climate policy, here is how we can track policy progress on a monthly basis



Roger Pielke Jr.

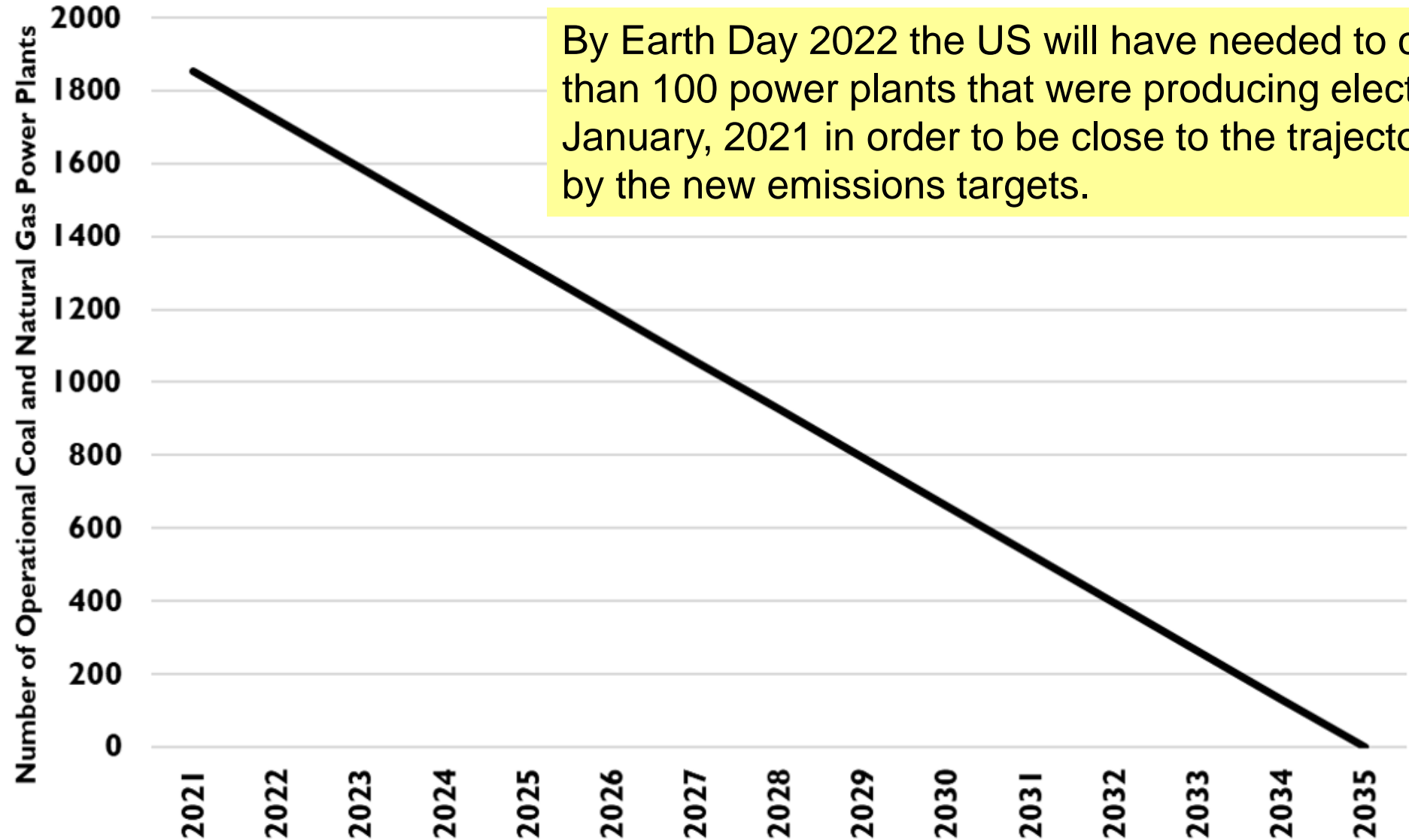
Apr 22 ❤️ 5 💬

In January 2021, according to the US Energy Information Agency in the United States there were 1,852 coal and natural gas power plants that generated electricity. By 2035, to hit President Biden's target all of these power plants will have to be either shut down or converted into zero-emissions power plants (using carbon capture and storage technologies that presently do not exist).

There are 164 months until 2035. That means that more than 11 of the fossil fuel power plants operational in January 2021 will need to be closed every month, on average, starting today until 2035.

Tracking progress on the closure (or conversion to carbon-free) of power plants can provide a very useful marker of progress toward achieving the Biden Administration's overall climate targets. The figure shows a linear trajectory for power plant closures, necessary to hit the 2035 net-zero.

The Path to Net-Zero Carbon Dioxide from Electricity in the United States by 2035



By Earth Day 2022 the US will have needed to close more than 100 power plants that were producing electricity in January, 2021 in order to be close to the trajectory set forth by the new emissions targets.



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CLIMATE NEWS

ENERGY

The Latest US CO2 Fantasy

🕒 3 days ago 👤 Willis Eschenbach 💬 312 Comments

Guest Post by Willis Eschenbach

This and the next two graphics are from Willis.

I see that Joe Biden is about to propose a new CO2 goal. This goal would be to get down to half of the 2005 CO2 emissions by 2030. So I thought I'd see what that would entail.

In 2005, the US emitted almost exactly 6,000 megatonnes (MT, a million metric tonnes) of CO2. Unlike in most countries, US CO2 emissions have been dropping since 2005, and we're currently at about 4,900 MT per year. To meet the fantasy goal, we'd need to reduce our CO2 emissions by 1,900 MT of CO2 per year. (Note that this doesn't mean reduce them by 1,900 MT every year. We need to reduce them by a total of 1900 MT/year.)

The only emissions-free source currently available to replace that with is nuclear power...

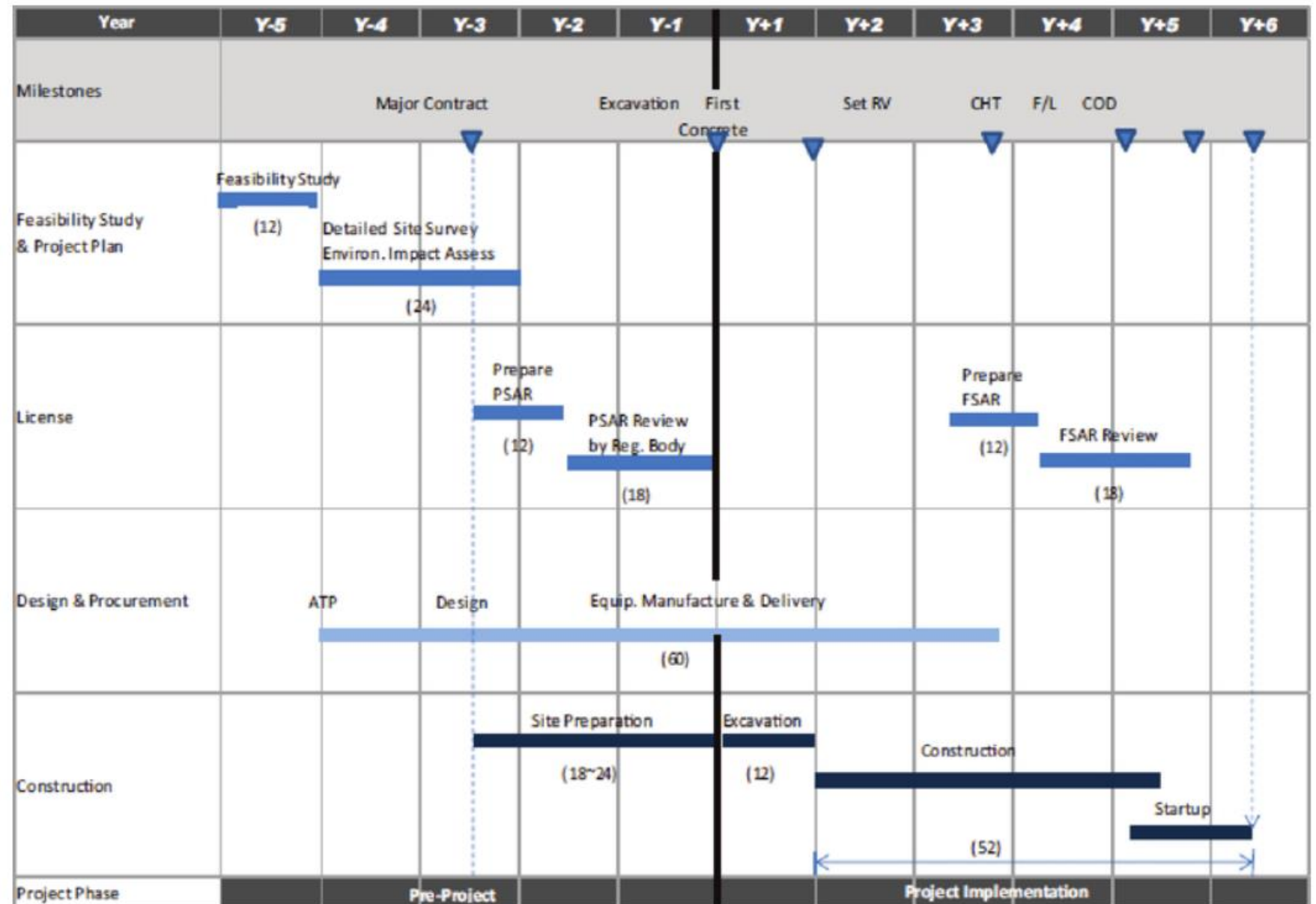
...As a result, rather than 1,030 GW of new nuclear generating capacity, we need twice that, or 2,060 GW of new capacity.

Next, from today until January 1st, 2030, when Biden's plan calls for our emissions to be down to 3,000 MT of CO₂ per year, there are about 454 weeks.

And that means we need to find sites, do the feasibility studies, get the licenses and the permits, excavate, manufacture, install, test, and commission two 2.25 gigawatt nuclear power plants EVERY WEEK UNTIL 2030, STARTING THIS WEEK.

To give you an idea of how absolutely ridiculous the idea is of adding two nuclear power plants per week to the grid, the typical time from feasibility study to connection to the grid for nuclear plants is on the order of ten or eleven years.

Here's an overview of the timeline.



Typical timeline of a nuclear plant construction and start-up project (Source: IAEA, Project Management in Nuclear Power Plant Construction: Guidelines and Experience [8]).

In the news

Did you notice that “Net Zero” never applies to China?



Department of Energy

How We're Moving to Net-Zero by 2050

APRIL 19, 2021

There's no greater challenge facing our nation and our planet than the climate crisis—and the writing on the wall is that in order to avoid its worst effects, we need to do everything we can to achieve President Biden's goal of net-zero carbon emissions by 2050.

Currently, nearly 40% of all carbon dioxide pollution comes from power plants burning fossil fuels to create the energy we use every day. That means we need to revolutionize how we generate and use electricity, by making renewable energy sources like wind and solar more abundant, more affordable, and more accessible to everyone.

That's why last month the Department of Energy (DOE) announced two bold goals: to deploy 30 gigawatts of offshore wind within the decade and cut the current cost of solar energy by 60% by 2030. These announcements are a big deal for combating the climate crisis, recovering from the economic slowdown caused by the pandemic, and addressing energy justice.

“Sure, they like to brag about the occasional solar panel they put up, or their internal carbon trading shell game, and last fall President Xi Jinping made noises to the UN about cutting emissions. That kind of talk always wins them praise from credulous western environmentalists. **But the reality is, net zero is a western preoccupation and China isn't part of it**”



BRIEFING: JUNE 2020



A New Coal Boom in China

NEW COAL PLANT PERMITTING AND PROPOSALS ACCELERATE

Summary

After years of the government putting the brakes on the amount of coal plants newly proposed and permitted for construction, Chinese coal industry is trying to step on the gas again, according to a survey of coal plant development in China from January 1 to June 15, 2020, by Global Energy Monitor and the Centre for Research on Energy and Clean Air.

coal plants, indicating that the surge in new projects is happening mainly on paper, for now.

Even China's state-owned holding company SDIC, which said in 2019 that it planned to [exit](#) the coal industry, sponsored 3.2 GW of new coal plants in 2020 – in what appears to be an unstated reversal in policy.

CLIMATE

The New York Times

As Beijing Joins Climate Fight, Chinese Companies Build Coal Plants



Economics

White House Faces Rising Pressure as Gasoline Shortages Grow

By [Jennifer A Dlouhy](#)

May 11, 2021, 7:18 AM MDT

Updated on May 11, 2021, 7:48 PM MDT

-
- ▶ Jones Act waiver being considered as gas stations run dry
 - ▶ Colonial Pipeline shutdown has already led to trucking waiver

More than 70% of Charlotte gas stations reportedly out of fuel

- Don't hoard
- Plan ahead to accomplish several errands in one trip
- When possible, avoid high-traffic times of the day
- If you own more than one car, use the most fuel-efficient
- Remove unnecessary and bulky items from your car -- it takes more fuel to accelerate a heavy car
- Minimize the use of air conditioning





<https://www.nytimes.com/2021/05/10/business/colonial-pipeline-ransomware.html>



Attendants directed cars as they lined up to fill their gas tanks in Charlotte, N.C., on Tuesday.

The Colonial Pipeline

The pipeline can carry roughly three million barrels of fuel a day over 5,500 miles from Texas to New York.



Source: United States Energy Information Administration • By Scott Reinhard

Conclusion... from Dr Will Happer

“The social cost of CO₂ is negative, since CO₂ benefits the Earth. The warming from more CO₂ will certainly be small and benign. And more CO₂ hugely benefits agriculture and forestry by increasing tolerance to drought and through fertilization effects. The warming from methane and nitrous oxide is so small, compared to the benign warming from CO₂ that you can forget about them.”

Dr Will Happer, personal communication, 10 May 2021