

Climate Change & Gun Control



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**by John Shewchuk (Meteorologist)
B.S. Penn State University
M.S. Naval Postgraduate School
Certified Consulting Meteorologist**

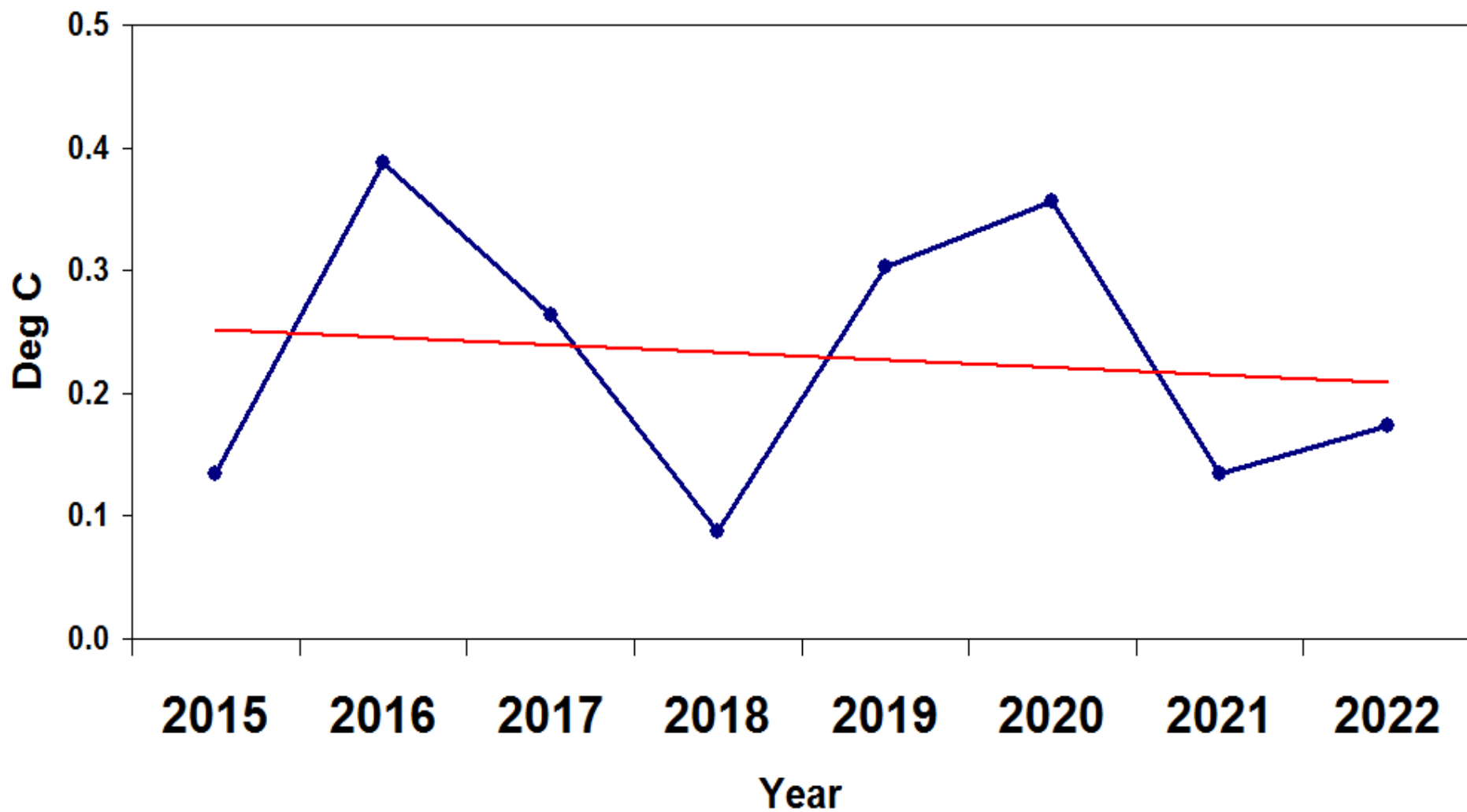
**Lt Col, USAF, Retired (22 yr) Meteorologist
“Forecaster of the Year Award” – 1979**

Villages Weather Club founder

www.TheWeatherClubVillages.com

Laurel Manor, 3rd Thursday, 1:30 PM

Lower Tropospheric Global UAH Satellite Temperature Anomalies



Guns and Climate is a Correlation Fallacy

**Gun
Use**



**Climate
Change**



Ice Cream Sales



Shark Attacks



APR

JUL

SEP

Connections between climate change and gun control



O. Ricardo Pimentel, Express-News Columnist

Nov. 9, 2017





Villanova University
Charles Widger
School of Law



An Overview of the Environmental Impacts of Guns and Ammunition

“The future of gun control ... a proposed solution to clean up the environment and limit violent crime simultaneously.”



Common Dreams



First-of-Its-Kind Study Links US Gun Violence Epidemic to Climate Emergency

SCIENCE INVENTORY:

Characteristics of M4 Carbine Rifle Emissions With Three Ammunition Types

Barrel emissions were characterized for particulate matter (PM) size distribution, composition, and morphology; carbon monoxide (CO); carbon dioxide (CO₂); energetics; metals; polycyclic aromatic hydrocarbons; and methane.



Atlanta Behavioral Health Advocates

Outside the Box

Gun Control and Climate Change: Is It Really "Too Late"?

“Psychologists have the expertise to answer several questions relevant to guns and fossil fuels.”



Richard Feynman

1918-1988

World renowned theoretical physicist.



**“Science is the
belief in the
ignorance of
experts.”**

**Albert Einstein Award
Nobel Prize in Physics
National Medal of Science**

More Climate Change Experts

THE CONVERSATION



Here's how your cup of coffee contributes to climate change

Published: January 5, 2023 4.04pm EST



John Coleman

Founder of the Weather Channel



**He said this about
man-made climate
change ...**

***“It is the greatest
scam in history.”***

**Al Gore is seen by many
as a climate expert . . .**



By Somini Sengupta

May 27, 2022

“It was Al Gore, the former vice president, who drew a straight line between gun policy and climate policy.”



**We've seen
National Fallacies**

**And now let's see
Global Fallacies**



“We need to explore how climate change is influencing the trade, use and legacy of conventional arms – and how arms flows will exacerbate climate insecurity.”

CEOBS is accredited by the UN Environment Assembly (UNEA) of the UN Environment Program.



UNEA

UNITED NATIONS ENVIRONMENT ASSEMBLY

DELIVERING ON THE 2030 AGENDA

World's highest-level decision-making body on the environment.



UNEA

UNITED NATIONS ENVIRONMENT ASSEMBLY

DELIVERING ON THE 2030 AGENDA

UNEA is run by UNEP

Moving Towards a Climate Neutral UN

The UN system's footprint and efforts to reduce it

**UNEP = United Nations
Environment Program**



Moving Towards a Climate Neutral UN



United Nations Office of Disarmament Affairs (UNODA)

UNODA has a Conventional Arms Branch

“The branch is the lead agency of the Coordinating Action on Small Arms (CASA) mechanism, which was established by the Secretary-General in 1998 to harmonize policy and coordinate action by the various UN agencies working in this field.”

United Nations Office of Disarmament Affairs (UNODA)

Conventi

CLIMATE?

“The bra...ncy of the
Coor... Small Arms (CASA)
mech... which was established by the
Secret... General in 1998 to harmonize
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UN agencies working in this field.”

UNODA created the U.N. “Disarmament Handbook”



**ASSURING
OUR COMMON
FUTURE**

**“Disarmament is
especially important
for climate protection.”**

**UNODA created the U.N.
“Disarmament Handbook”**



**ASSURING
OUR COMMON
FUTURE**

**Let's listen to how the U.N.
will protect our climate...**

Ottmar Edenhofer

Former United Nations IPCC Official



“One has to free oneself from the illusion that international climate policy is environmental policy.”

“Climate change policy is about how we redistribute de facto the world’s wealth.”

Christiana Figueres

Architect: U.N. Paris Climate Agreement



“Part of my commitment to the public good is through common goals that can only be best reached by working together – if that’s called communism ... so be it.”



President Mikhail Gorbachev

“The threat of environmental crisis will be the international disaster key to unlock the New World Order.”



Michael Crichton

**Jurassic Park
Twister, Congo,
Andromeda Strain
State of Fear ...**

**“Social control is best
managed through fear.”**

WSJ | OPINION

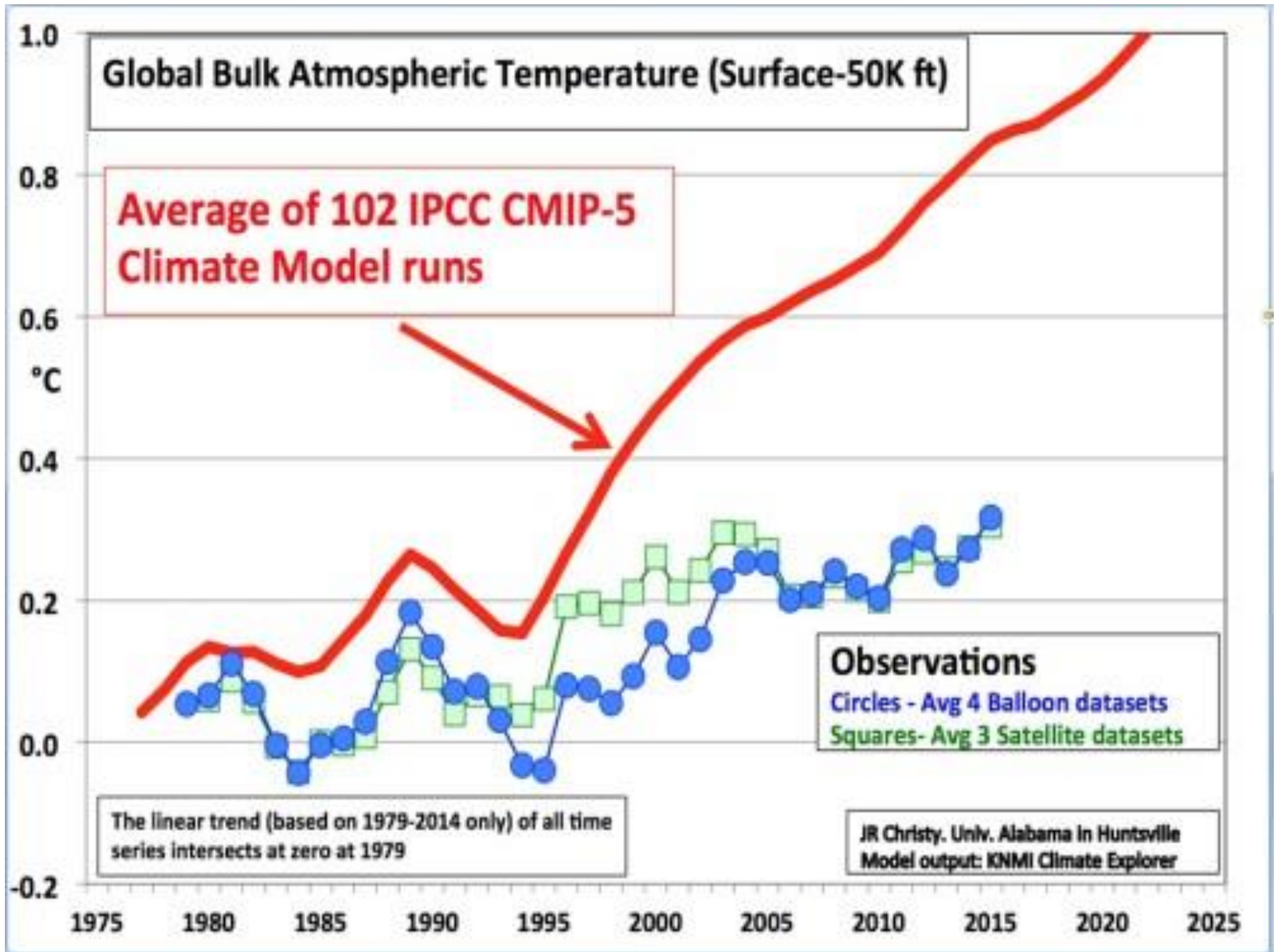
The Climate Has a Gun



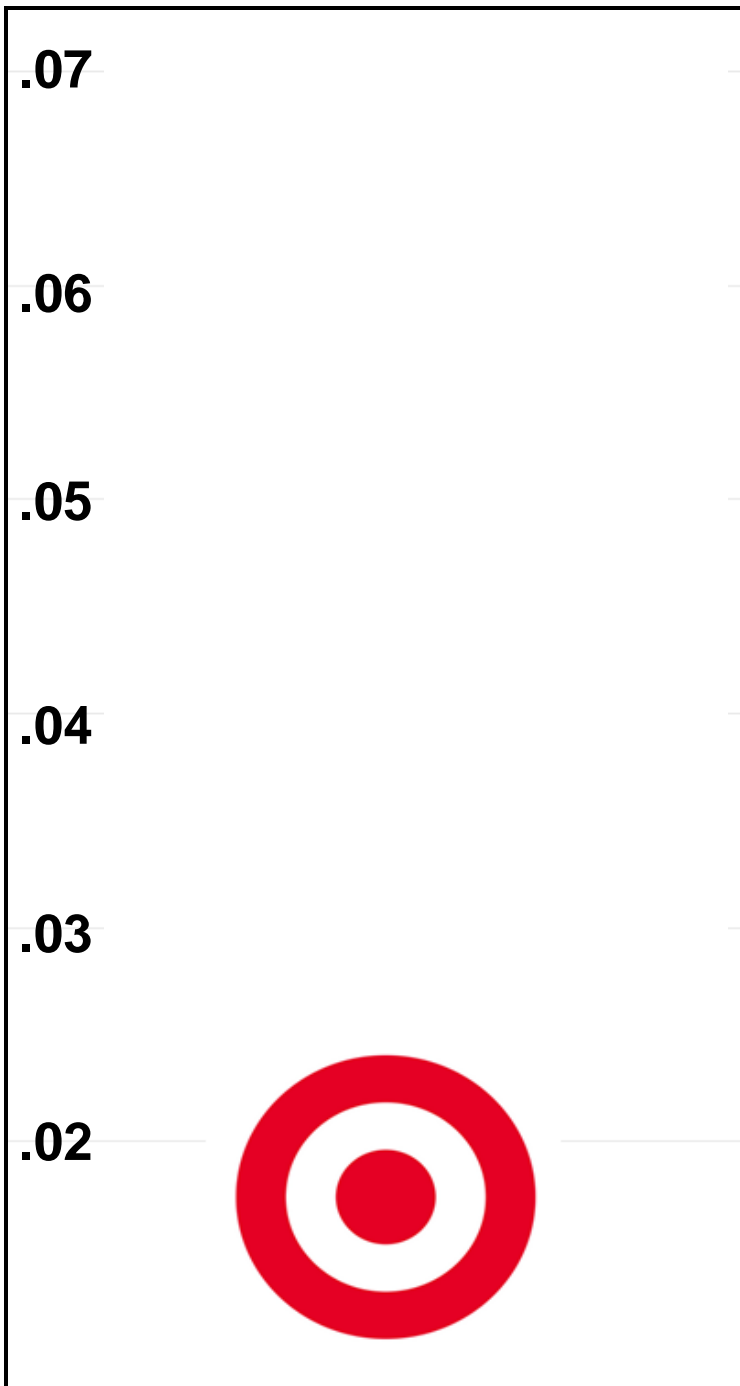
Aug. 17, 2021

“We are experiencing unprecedented heat waves, storms, fires, droughts, and floods that exceed model-based expectations.”

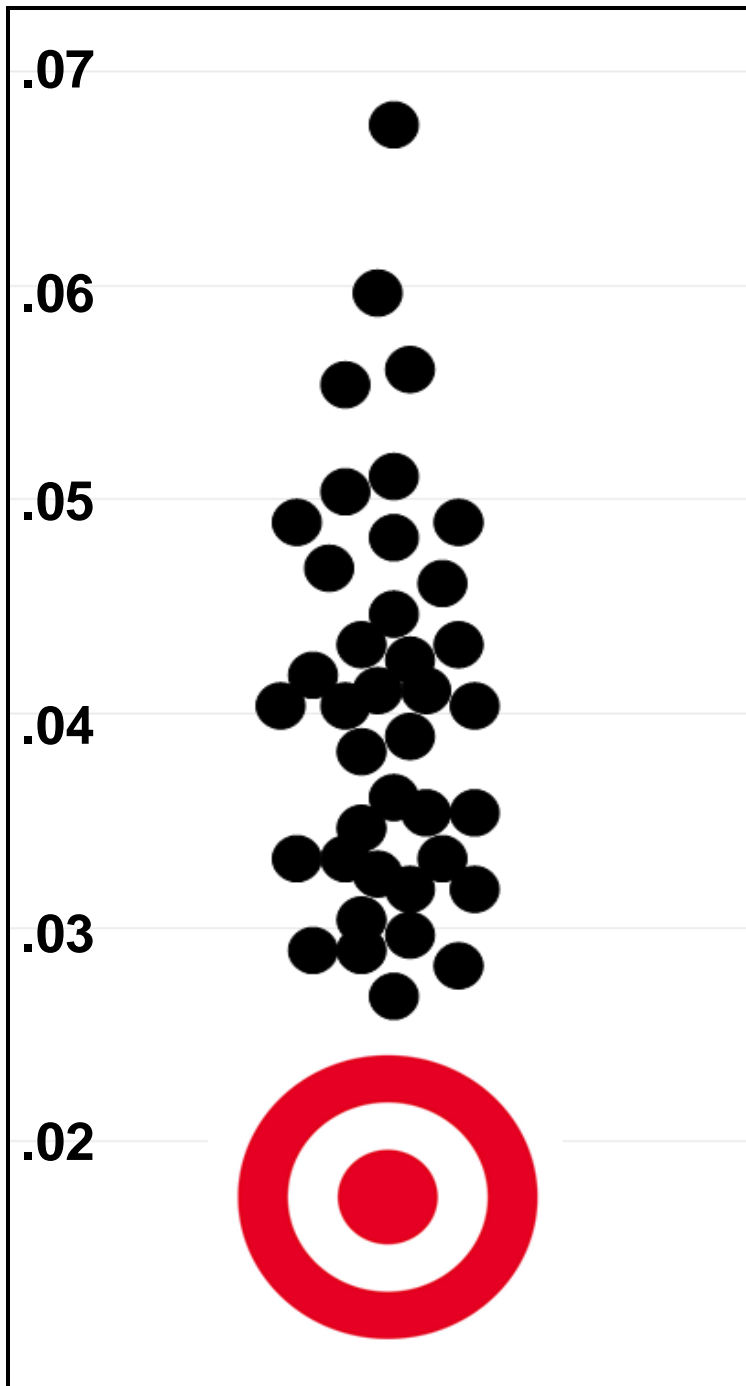




300-200 mb, 1979-2021 Temperature Trend



Observations
+0.017 °C/year



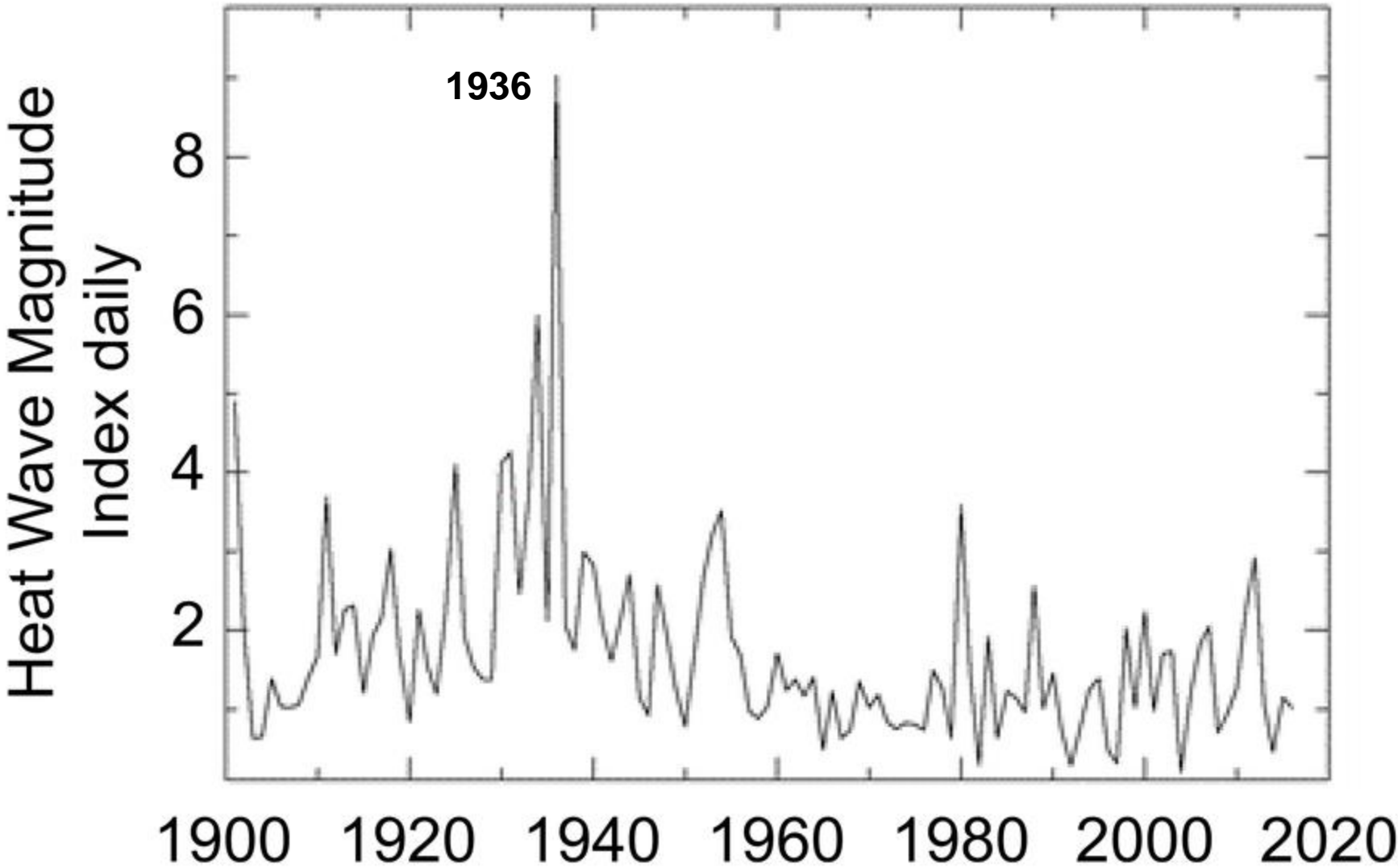
**300-200 mb, 1979-2021
Temperature Trend**

**39 IPCC (CMIP6)
Forecast Models
+0.041 °C/year**

**Observations
+0.017 °C/year**

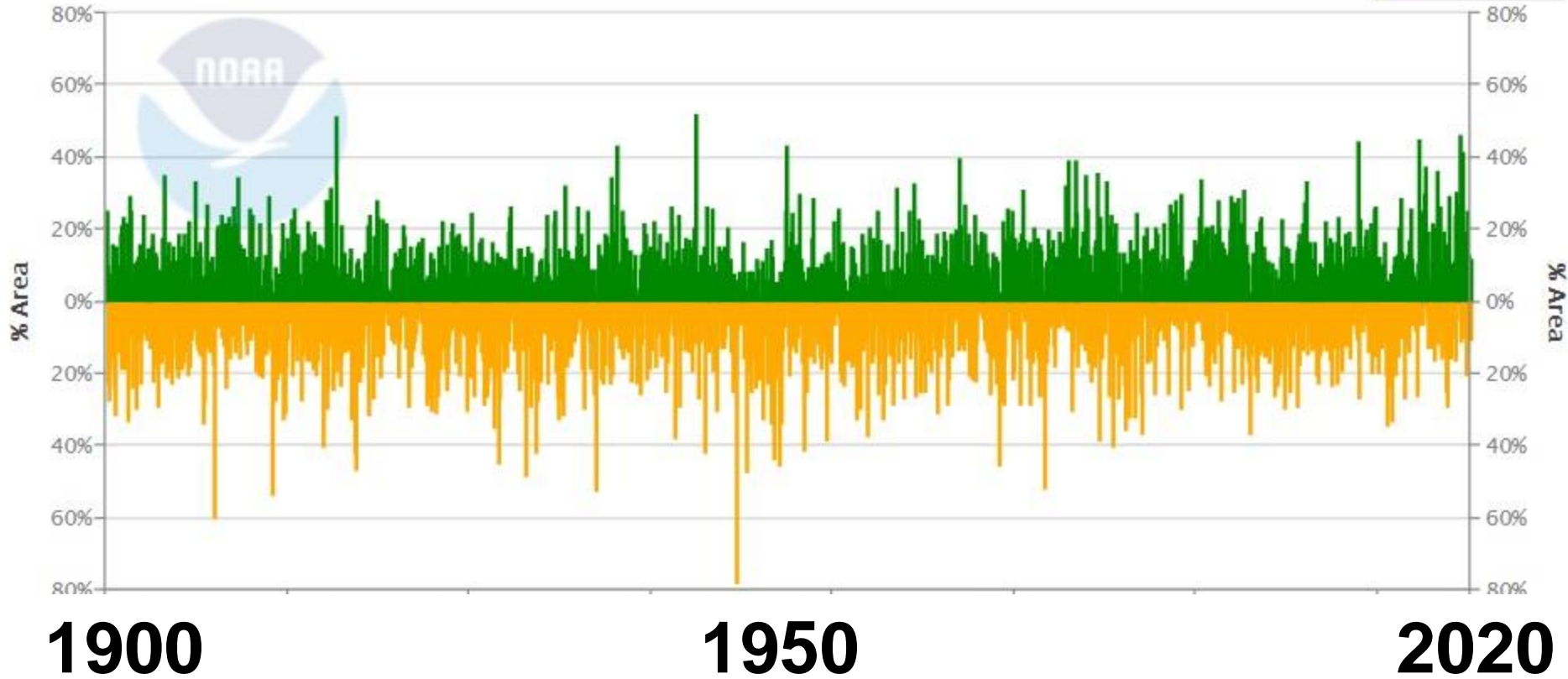
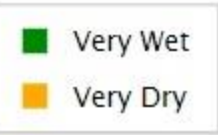
**“We are experiencing
unprecedented heat waves, storms,
fires, droughts, and floods that
exceed model-based expectations.”**





NOAA: WET .vs. DRY

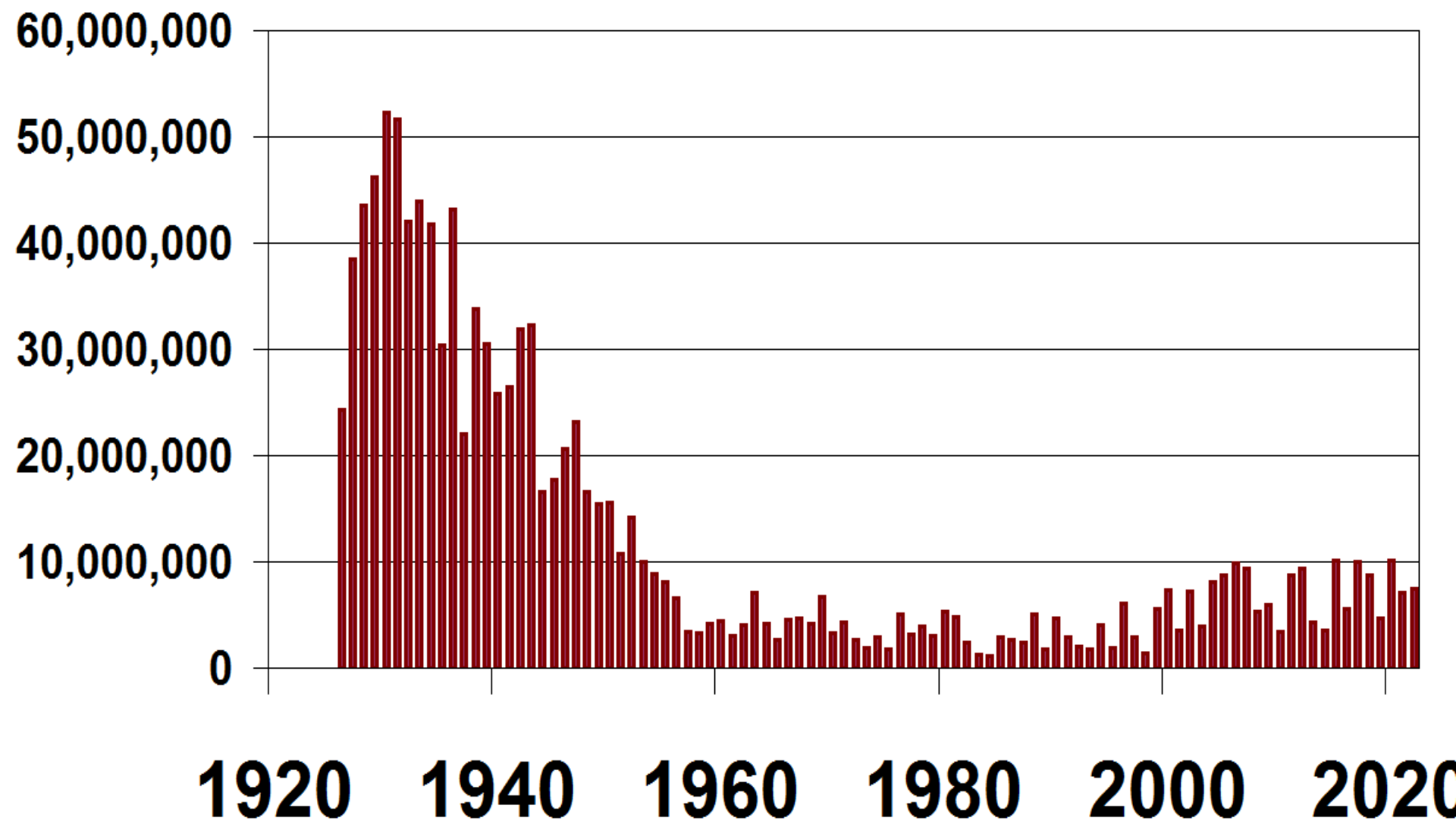
U.S. Percentage Areas
Very Wet/Dry



Flood .vs. Drought

US Forest Fires (1926-2022)

Millions of Acres Burnt



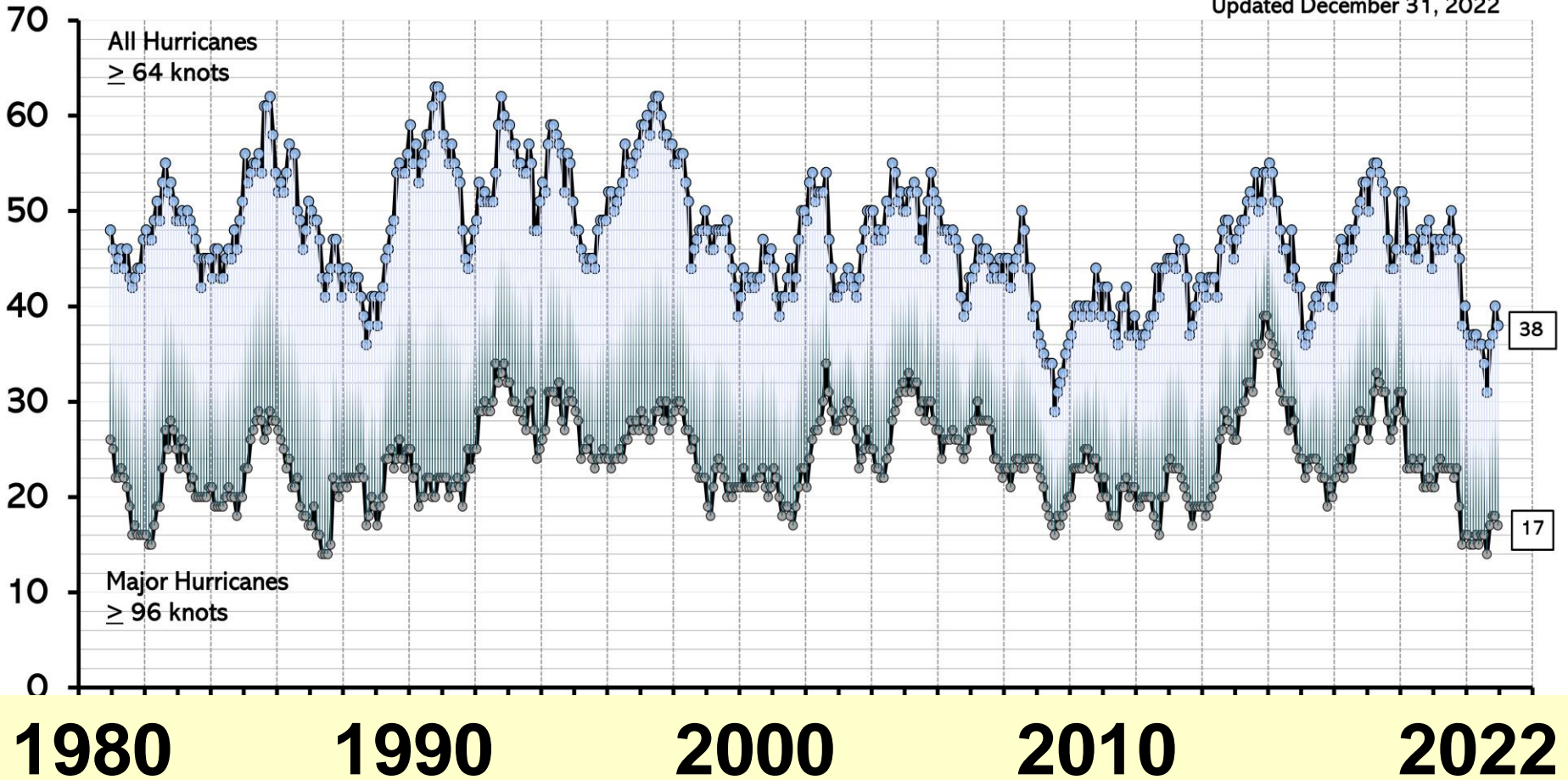
Source: US Forest Service

Global Hurricanes (frequency)

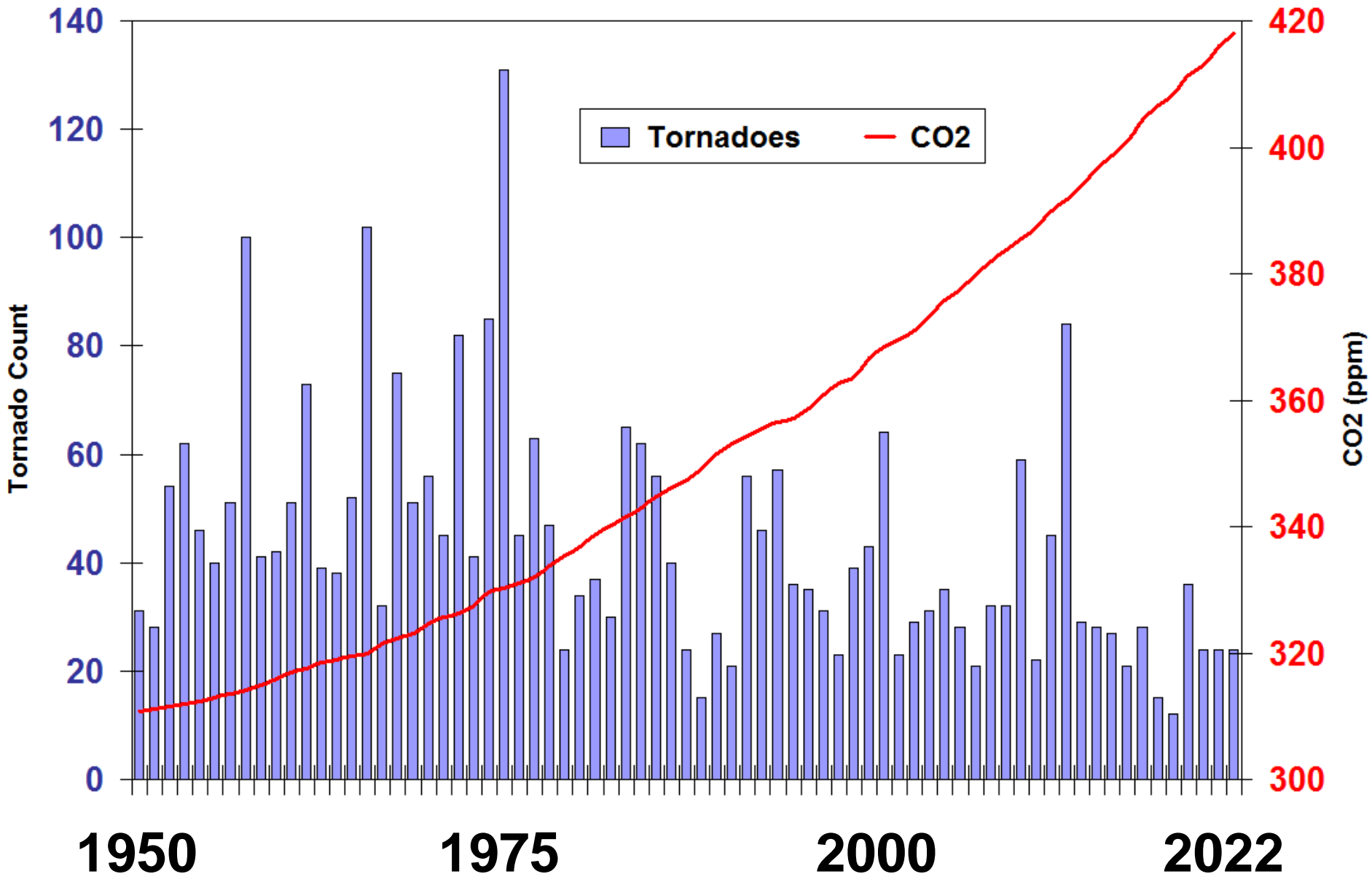
Global Major Hurricane Frequency -- 12 month running sums

@RyanMaue

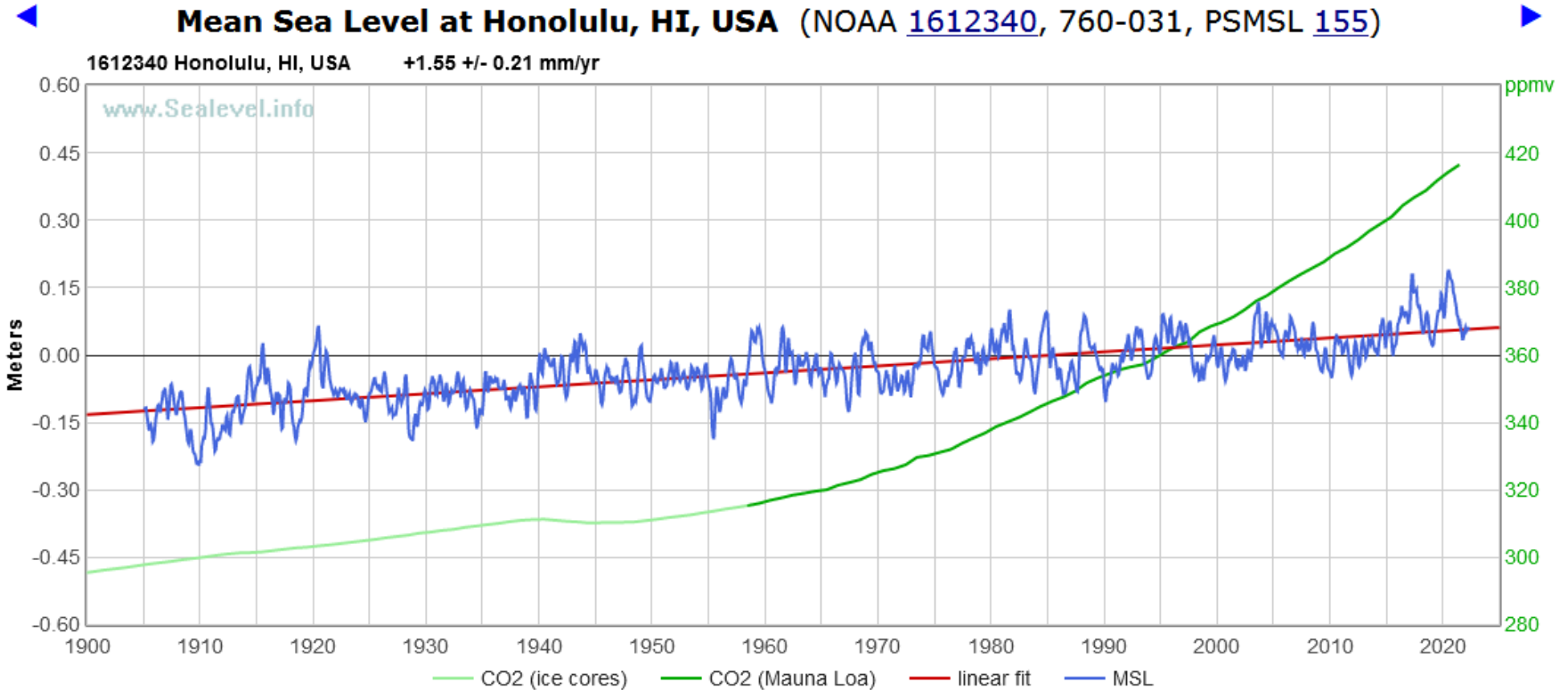
Updated December 31, 2022



Violent Tornadoes (EF3+) & CO2



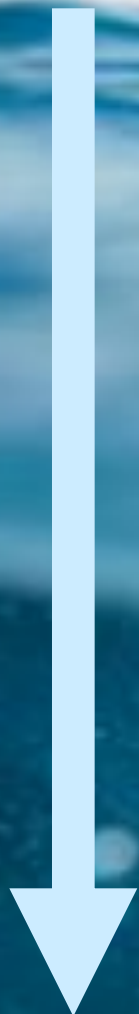
Seas are rising 1.5 mm a year.



1900 1920 1940 1960 1980 2000 2020

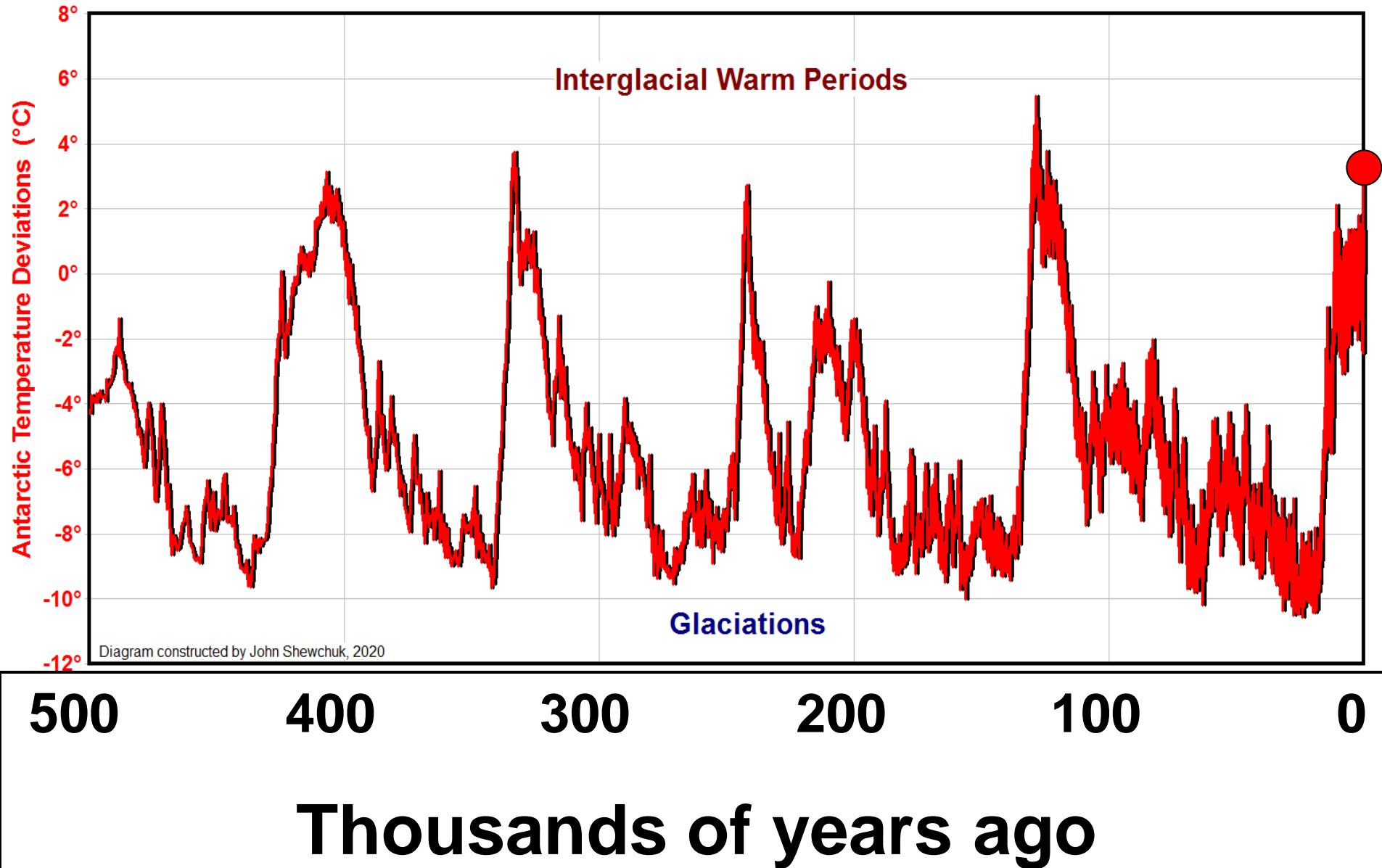


25 Ft higher: last Interglacial

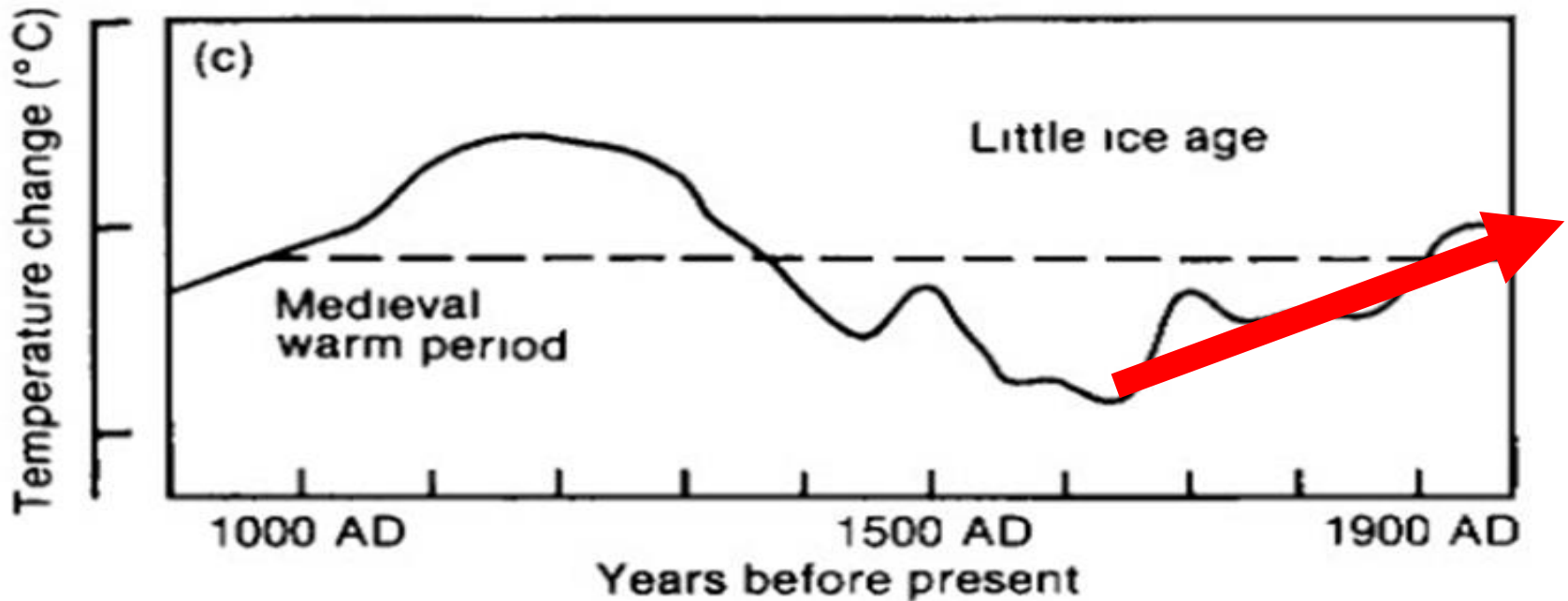


400 Ft lower: last Glaciation

Antarctic: Ice Core Temperatures

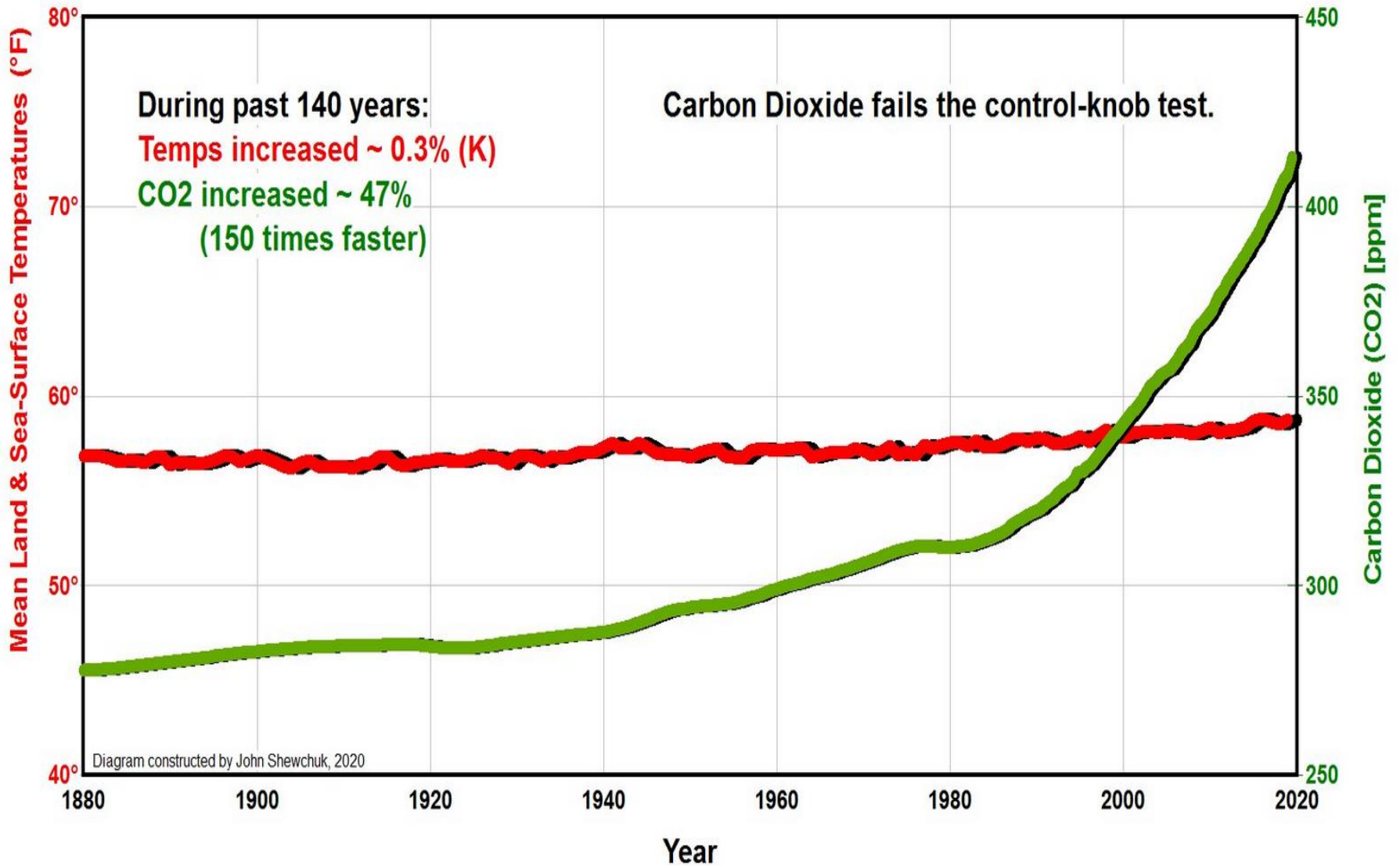



IPCC First Assessment Report (1990)



We are currently thawing out from the Little Ice Age.

Global Temperature & Carbon Dioxide



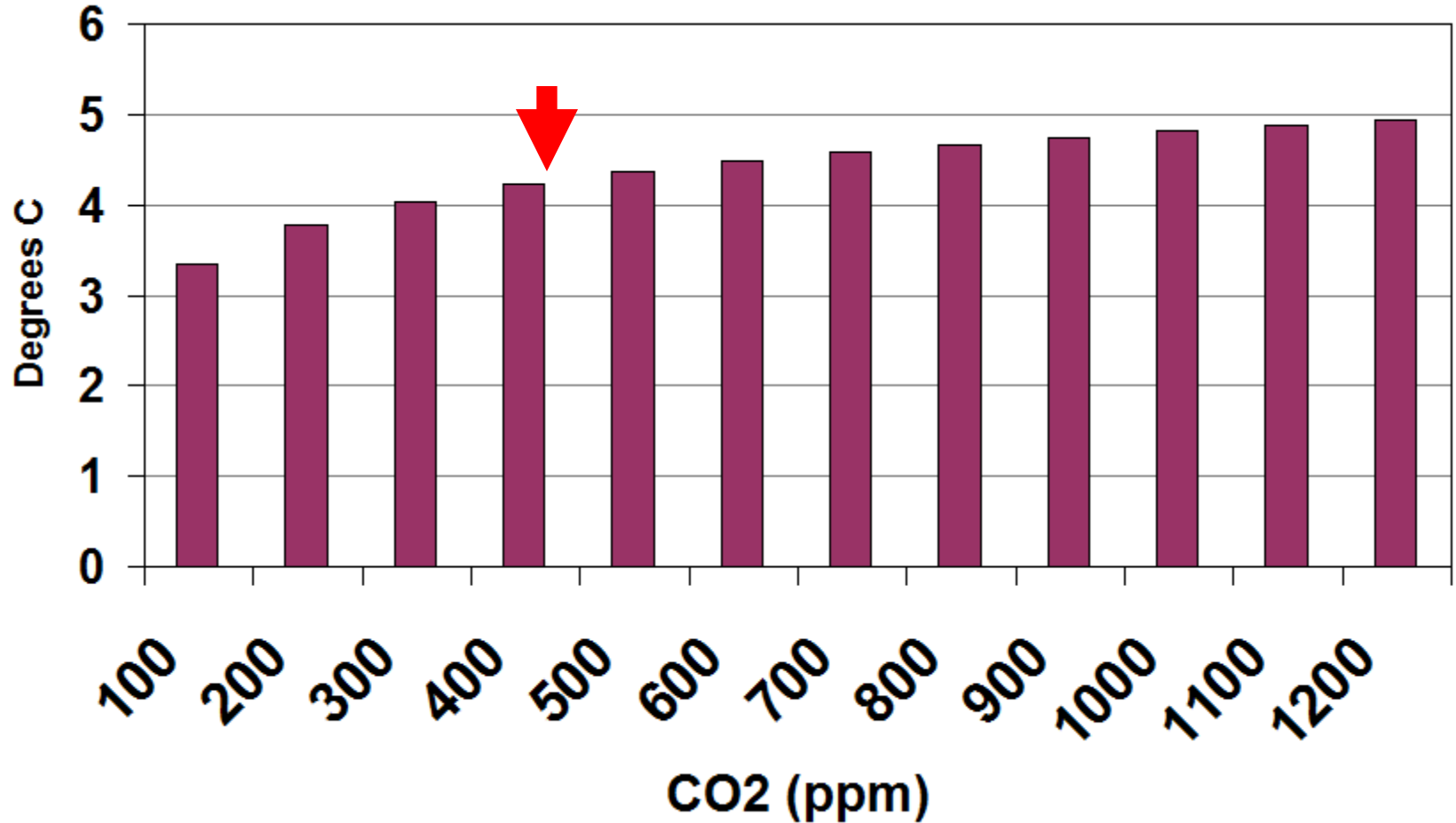
 https://www.ncdc.noaa.gov/cag/global/time-series/globe/land_ocean/yt/12/1880-2019/80-2019

 <https://www.co2levels.org/#sources> (Historical CO2 record from the Law Dome ice cores -and- Mauna Loa, Observatory, Hawaii data).

(Last data point is for 2019)

CO2 Heating

Logarithmically diminishing with increasing concentrations



Called CO2 Saturation



More CO2 results in logarithmically decreasing warming -- called CO2 saturation

CO2
(ppm)

0

200

400

600



Inches
hair

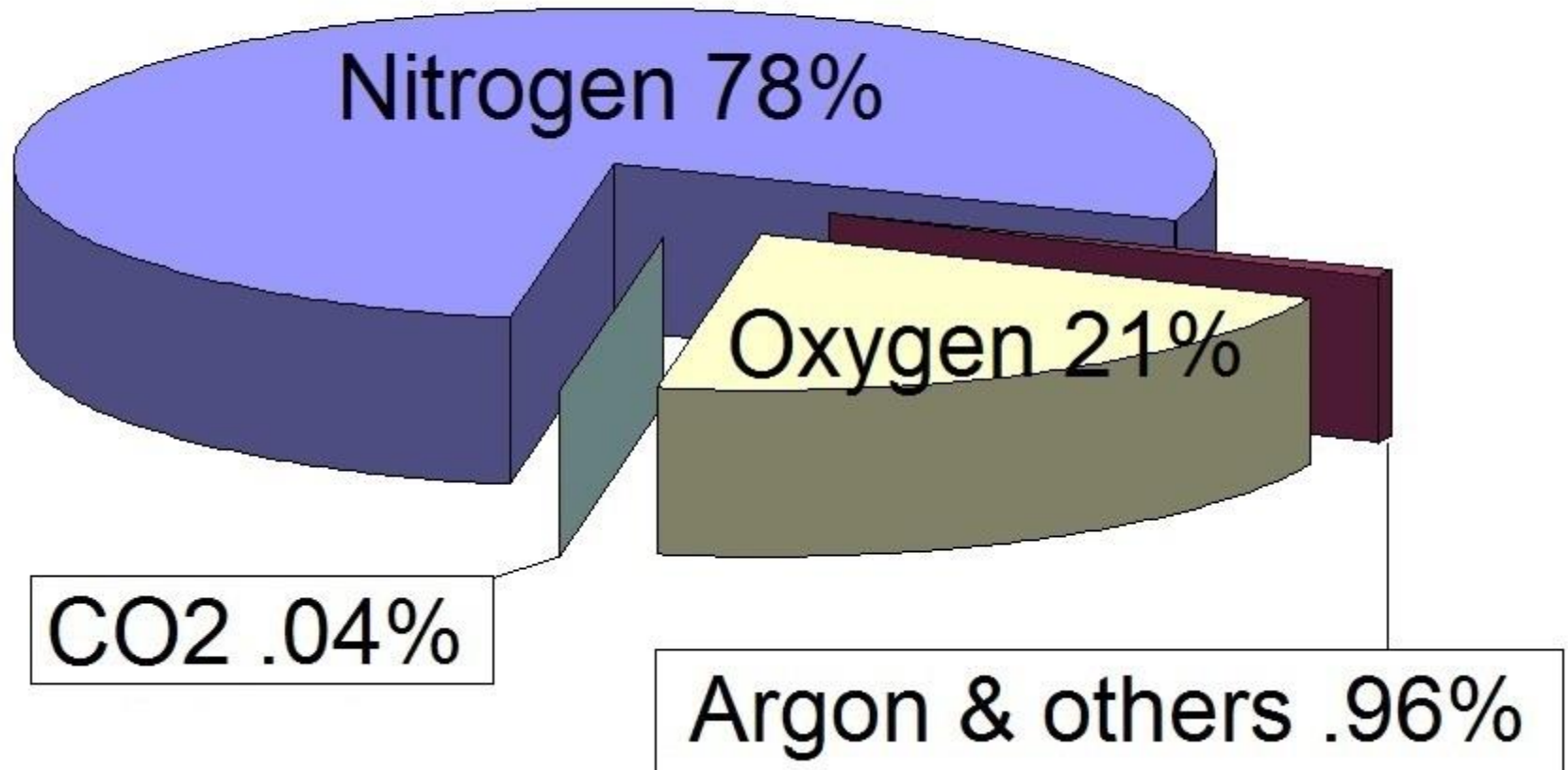
0

+1

+0.1

+0.05

Earth's (dry) Atmosphere



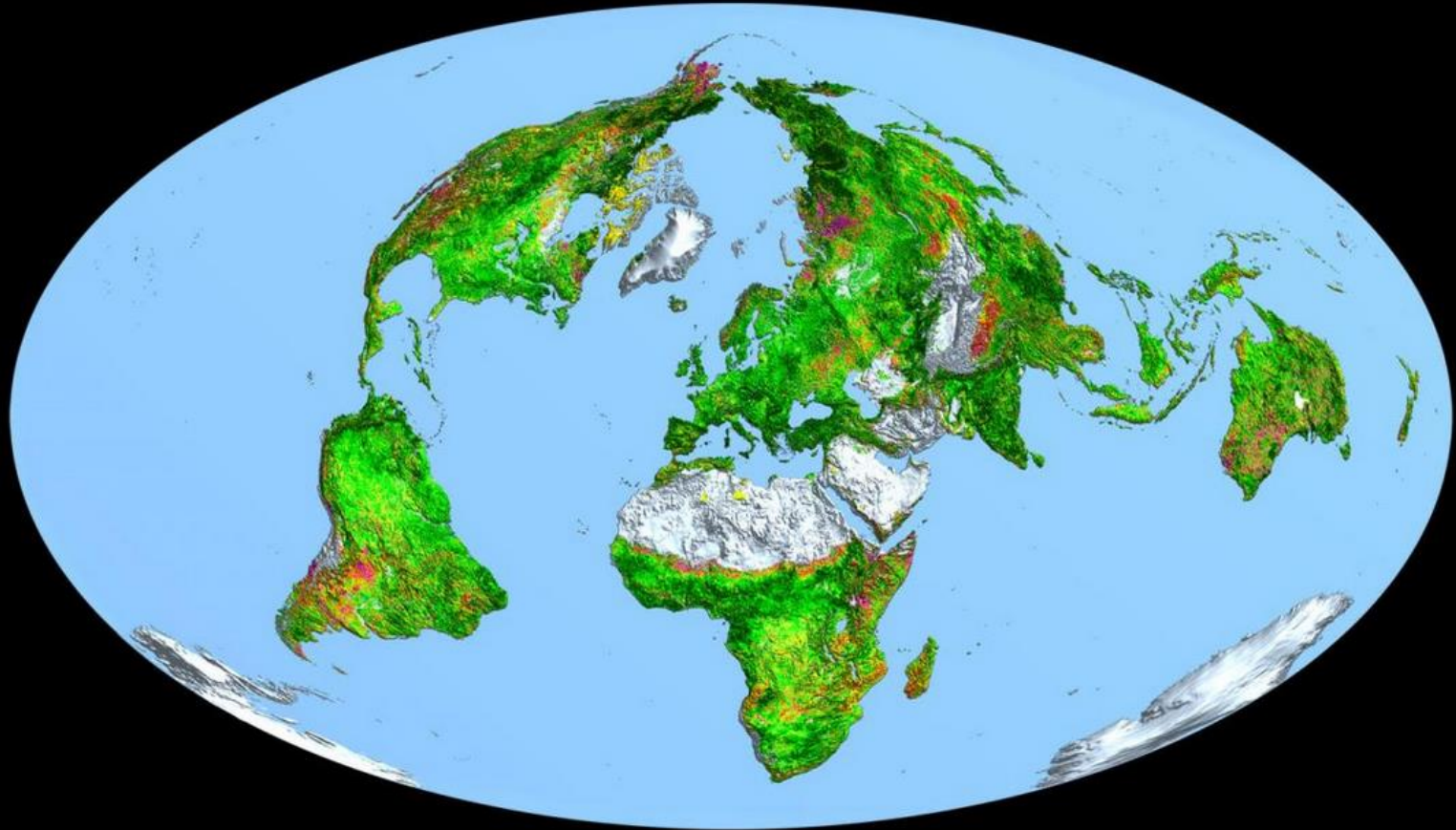
**CO2 currently only
produces minor warming,
while it produces tons
of plant food.**

CO₂ is primarily plant food.



Increasing Levels of Carbon Dioxide (CO₂)

NASA says CO2 responsible for 70% of earth's increased greening through a process called CO2 fertilization.

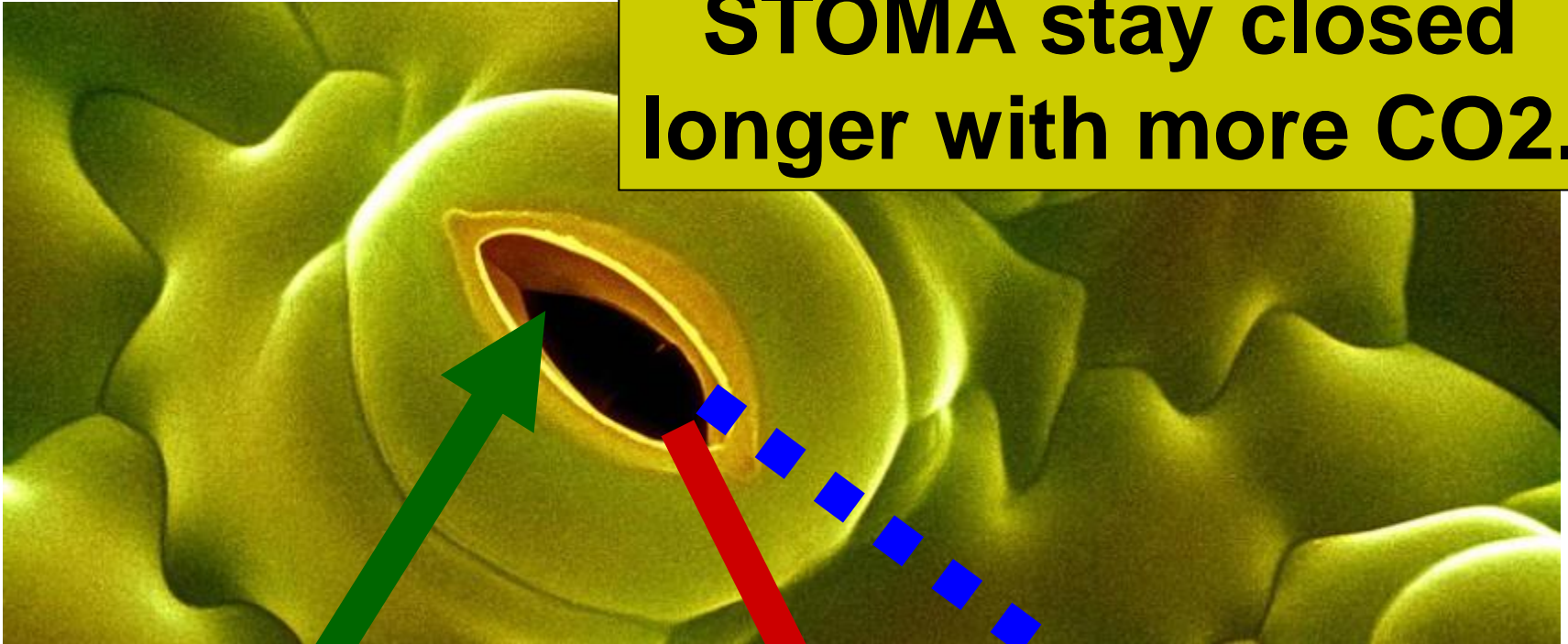


Change In Leaf Area (1982-2015)



More CO₂ means moister soil.

STOMA stay closed longer with more CO₂.



CO₂

O₂

H₂O

**ALL life forms on earth are carbon-based.
CO2 the breath-of-life for ALL life on earth.**



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CO2 the breath-of-life for ALL life on earth.**

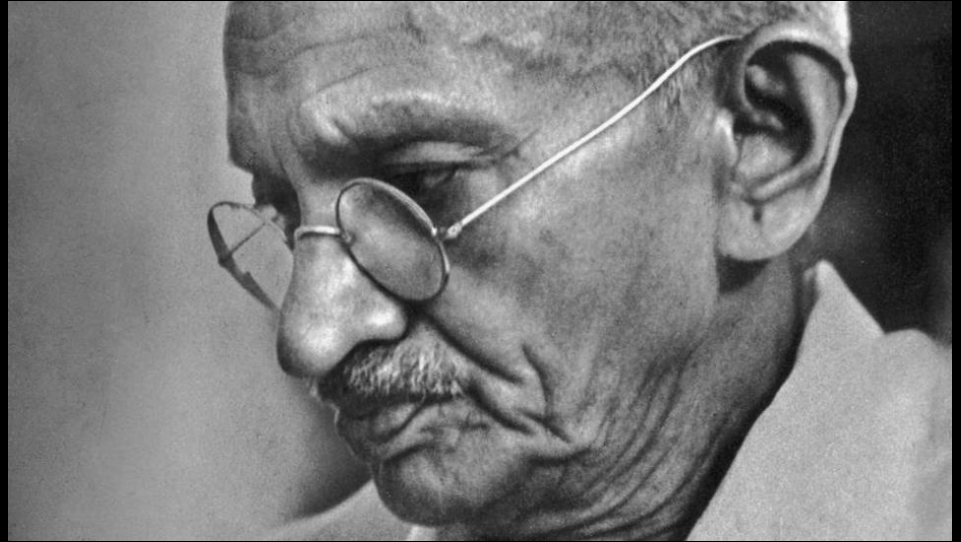


CO2 should be cherished – not feared.



**Kofi Annan, UN Secretary-General,
said of the “Knotted Gun” sculpture,
“*A cherished work of art.*”**

Mahatma Gandhi



“Among the many misdeeds of the British rule in India, history will look upon the Act of depriving a whole nation of arms, as the blackest.”

Climate Change & Gun Control



**Or how the U.N. intends to harmoniously
disarm the world to protect the climate.**

UNODA created the U.N. “Disarmament Handbook”



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