

FIRE and **ICE**



***FACTS &
Politics***
Climate Change



Gen 8:22

**While the earth
remaineth,
seedtime and
harvest, and cold
and heat, and
summer and
winter, and day
and night shall
not cease.**



7/31/2022

Paul Blair - Fire And Ice (art 1)

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Gen 8:22

While the earth
remaineth, seedtime
and harvest, and cold
and heat, and
summer and winter,
and day and night
shall not cease.

Creator and continue to do

and Young Men

lders among you, I appeal as a
lder, a witness of Christ's suf-
one who has been revealed. "Be shepherds of

2 Peter 3:10

that is under your care, serving
s—not because you must, but
a are willing to do so. Do not be
treedy for money, but eager to
ording it over those entrusted to
ing examples to the flock. And
chief Shepherd will give you the
crown of glory that will never

men, in the same way, be submis-
ose who are obedient to the Lord
rselves with humility, because
because,

pposes the flesh. He gives grace
ves grace

yourselves, therefore, under
hty hand, that he may lift you up
e. "Cast all your cares upon him,
e cares for you. Be sober and self-

-controlled and alert. Your ene-
evil prowls around like a roaring
ng for someone to devour. "Resist
ding firm in faith, because you
at your brothers throughout the

2 Peter

...the heavens shall pass away with
a great noise, and the elements
shall melt with fervent heat, the
earth also and the works that are
therein shall be burned up.

1 Jesus Christ,

received faith as precious as ours:

2 Grace and peace be yours in abundance

Making One's Calling and Election

thing we need for life and godliness through
our knowledge of him who called us by his
promises, so that through them you may
participate in the divine nature and escape
the corruption in the world caused by evil
desires.

3 For this very reason, make every effort

ries which we told you about the power
coming of our Lord Jesus Christ, because
were eyewitnesses of his majesty. "I have

from God the Father and came to him for the
Majestic Glory, saying, "This is my Son,
whom I love; with him I am well pleased."

voice came from heaven, saying, "This is my Son,
the sacred mountain.

19 And we have the word of the prophets
to well to

dark places in your hearts. You must understand that the
figure came about by the

pretation. 21 For prophecy
had its origin in the will of man,
spoke from God as they were carried
by the Holy Spirit.

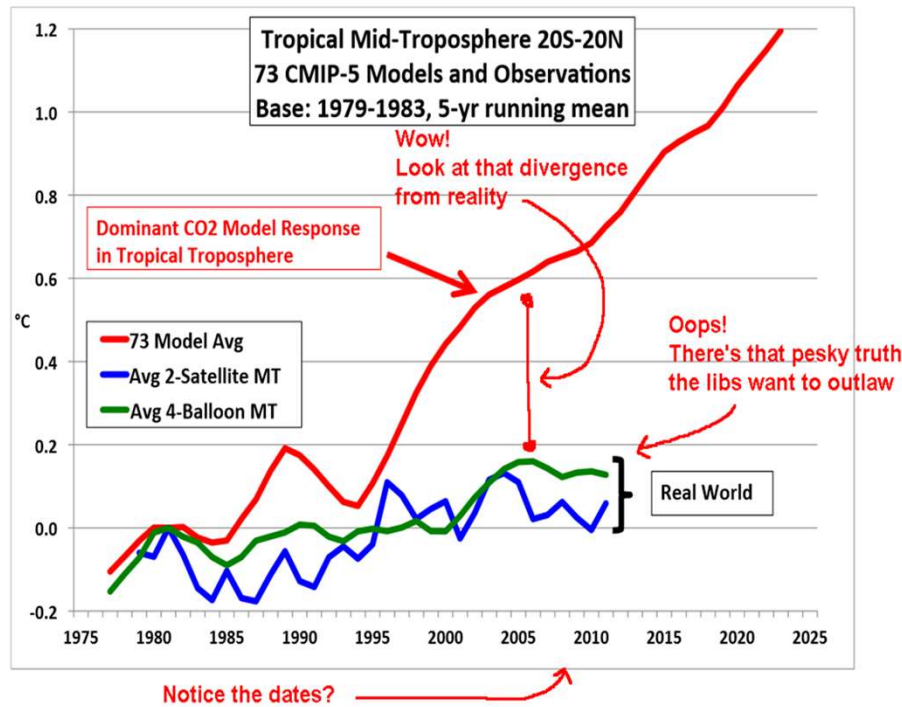
False Teachers and Their

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Timeline of the End Times







Alexandria Ocasio-Cortez ✓

@AOC



This is a technique of the GOP, to take dry humor + sarcasm literally and “fact check” it.

Like the “world ending in 12 years” thing, you’d have to have the social intelligence of a sea sponge to think it’s literal.

But the GOP is basically Dwight from The Office so who knows.

FIRE and **ICE**



***FACTS &
Politics***
Climate Change

FIRE and ICE



Fact #1:

Climate is always changing.
In fact, the climate goes through trends of warming and cooling periods – and it always has.

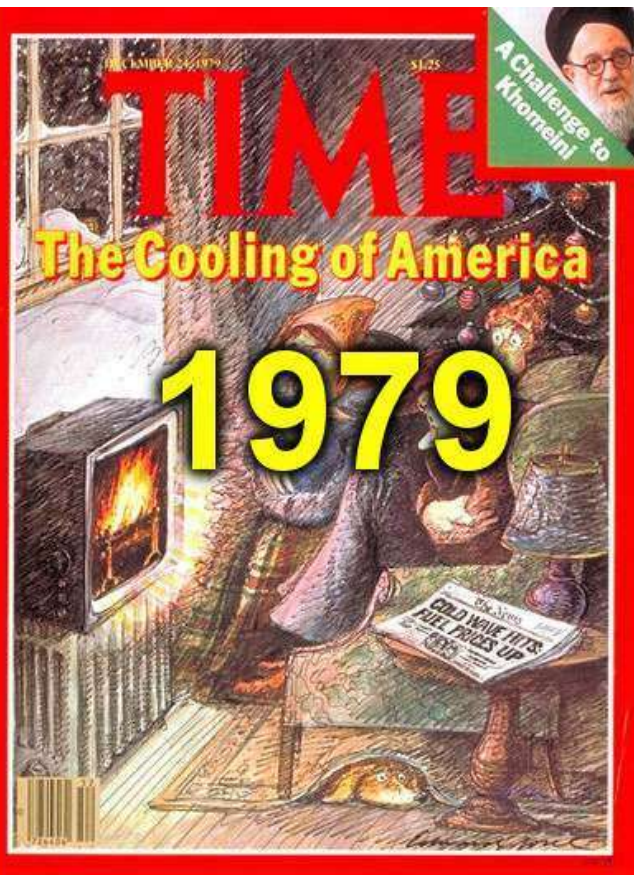


The modern era of instrument-derived record keeping goes back only about 150 years, to the 1880's. Satellite data goes back only about 40 years.

That means we don't have a baseline of global data that pre-dates the Industrial Revolution.

But from the data we do have, from the 1880's to about 1910, the data suggest that the earth was cooling.

Then, from about 1910 to 1940, the earth seemed to be warming. Then from 1940 until about 1975 came another cooling trend.



HOME > ENVIRONMENT & CLIMATE

Complete Mummified Baby Woolly Mammoth Frozen in Permafrost During Ice Age Found in Yukon Territory, Canada

Margaret Davis Jun 28, 2022 05:40 AM EDT



(Photo : MIRA OBERMAN/AFP via Getty Images) Science-paleontology-mammoth-US-museum A replica of the world's best preserved woolly mammoth - a 40,000 year old baby named Lyuba who was discovered in Siberia in 2007 - is displayed for the media in a fossil storage room at Chicago's Field Museum on September 30.

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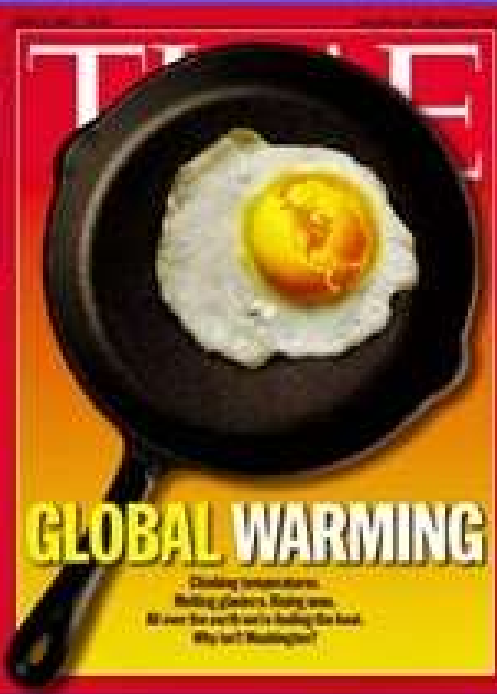
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1973



1977



2001

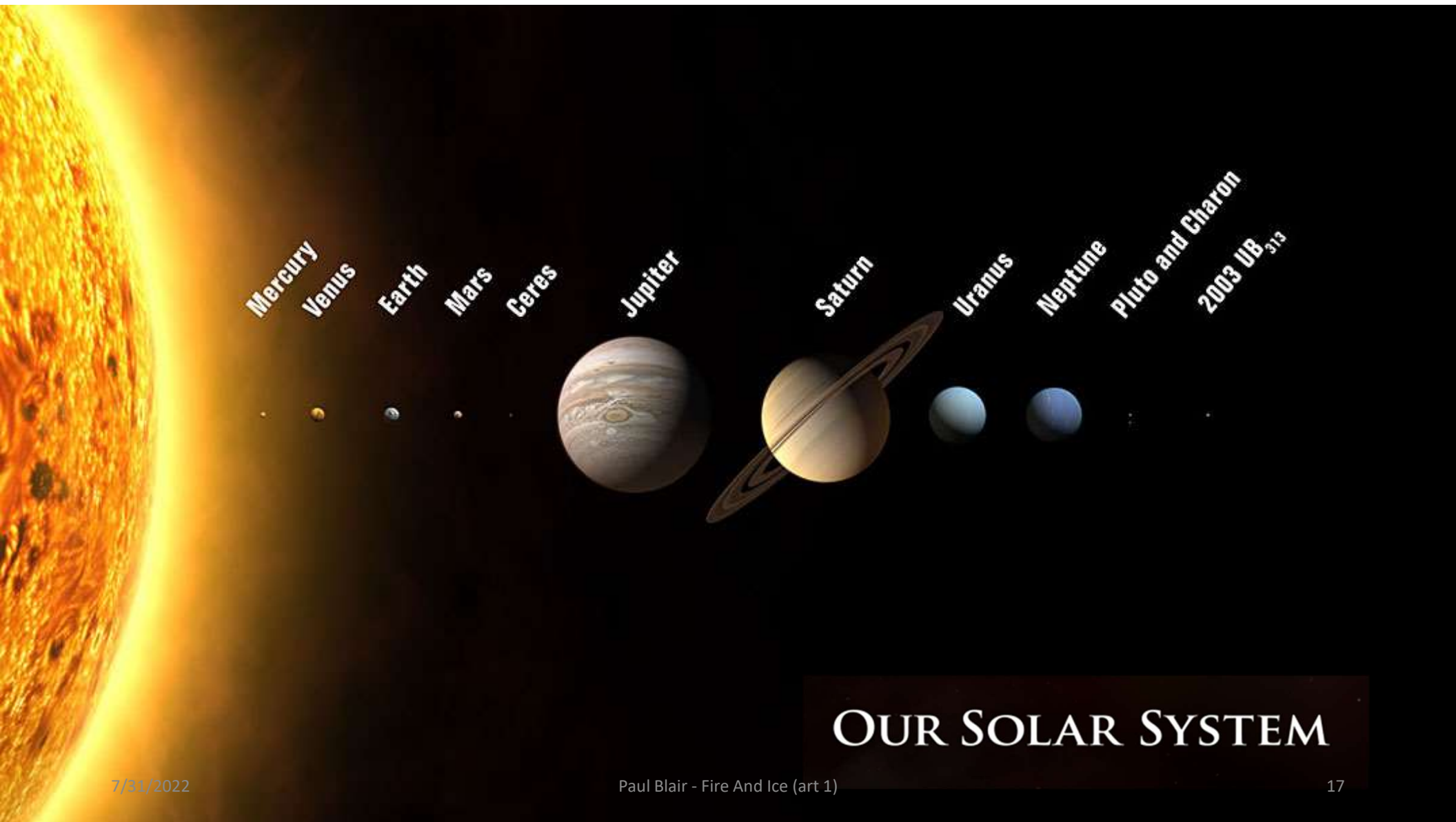


2006



Gen 1:26-28

Then God said, "**Let Us make man in Our image**, according to Our likeness; **let them have dominion...over all the earth** and over every creeping thing that creeps on the earth." ...Then God blessed them, and **God said to them, "Be fruitful and multiply; fill the earth and subdue it...**



OUR SOLAR SYSTEM

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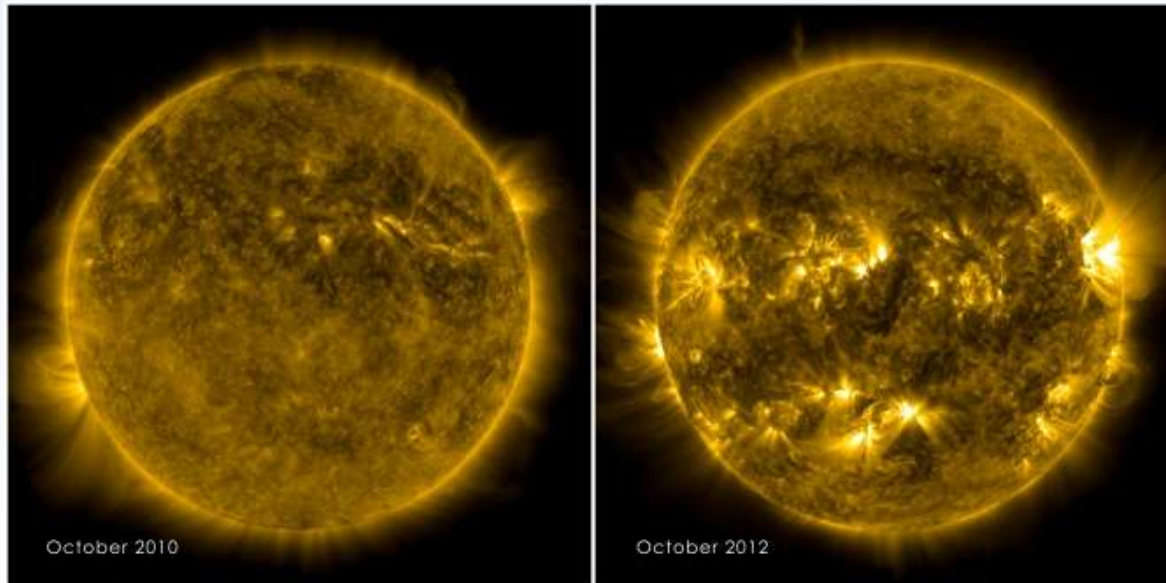
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Solar Minimum; Solar Maximum

November 26, 2012



The picture on the left shows a calm sun from Oct. 2010. The right side, from Oct. 2012, shows a much more active and varied solar atmosphere as the sun moves closer to peak solar activity, a peak known as solar maximum, predicted for 2013.

Image Credit: NASA/SDO

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The sun goes through a natural solar cycle approximately every 11 years. The cycle is marked by the increase and decrease of sunspots -- visible as dark blemishes on the sun's surface, or photosphere. The greatest number of sunspots in any given solar cycle is designated as "solar maximum." The lowest number is "solar minimum."

https://www.nasa.gov/mission_pages/sunearth/news/solarmin-max.html

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March 20, 2003 - (date of web publication)

NASA STUDY FINDS INCREASING SOLAR TREND THAT CAN CHANGE CLIMATE

Since the late 1970s, the amount of solar radiation the sun emits, during times of quiet sunspot activity, has increased by nearly .05 percent per decade, according to a NASA funded study.

"This trend is important because, if sustained over many decades, it could cause significant climate change," said Richard Willson, a researcher affiliated with NASA's Goddard Institute for Space Studies and Columbia University's Earth Institute, New York. He is the lead author of the study recently published in *Geophysical Research Letters*.




Image 1

"Historical records of solar activity indicate that solar radiation has been increasing since the late 19th century. If a trend, comparable to the one found in this study, persisted throughout the 20th century, it would have provided a significant component of the global warming the Intergovernmental Panel on Climate Change reports to have occurred over the past 100 years," he said.

ENVIRONMENT

Melting Mendenhall Glacier Reveals Ancient Forest

By Laura Poppick, LiveScience Staff Writer:

Sep 23, 2013, 12:01 PM EDT | Updated Dec 6, 2017

Stumps have been thawing from beneath the Mendenhall Glacier for about 50 years, but recently, considerably more have been found in upright positions with roots still intact.



Melting glacier in Alaska reveals ancient remains of forest – evidence of warm periods

HISTORY

Why Did Greenland's Vikings Vanish?

Newly discovered evidence is upending our understanding of how early settlers made a life on the island — and why they suddenly disappeared

Tim Folger

March 2017



On the grassy slope of a fjord near the southernmost tip of Greenland stand the ruins of a church built by Viking settlers more than a century before Columbus sailed to the Americas. The thick granite-block walls remain intact, as do the 20-foot-high gables. The wooden roof, rafters and doors collapsed and rotted away long ago. Now sheep come and go at will, munching wild thyme where devout Norse Christian converts once knelt in prayer.

The Vikings called this fjord Hvalsey, which means “Whale Island” in Old Norse. It was here that Sigrid Bjornsdottir wed Thorstein Olafsson on Sunday, September 16, 1408. The couple had been sailing from Norway to Iceland when they were blown off course; they ended up settling in Greenland, which by then had been a Viking colony for some 400 years. Their marriage was mentioned in three letters written between 1409 and 1411.



The remnants of a Viking barn still stand at what had been the settlement of Gardar. *Grill Jazbec*

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Did the Medieval Warm Period welcome Vikings to Greenland?

by Mary Caperton Morton
Thursday, April 21, 2016

The Vikings migrated from Iceland to Greenland in A.D. 985, with roughly 3,000 people eventually settling in the new land. The timing coincides with the Medieval Warm Period, a time of mild temperatures well documented in Europe between 950 and 1250. Between 1360 and 1460, however, around the time of the Little Ice Age, the Viking colonies in Greenland disappeared, leaving behind few clues as to why

well documented in Europe between 950 and 1250. Between 1360 and 1460, however, around the time of the Little Ice Age, the Viking colonies in Greenland disappeared, leaving behind few clues as to why



The Thames Frost Fairs

Between 1600 and 1814, it was not uncommon for the River Thames to freeze over for up to two months at time. There were two main reasons for this; the first was that Britain (and the entire of the Northern Hemisphere) was locked in what is now known as the 'Little Ice Age'. The other catalyst was the medieval London Bridge and its piers, and specifically how closely spaced together they were. During winter, pieces of ice would get lodged between the piers and effectively dam up the river, meaning it was easier for it to freeze.

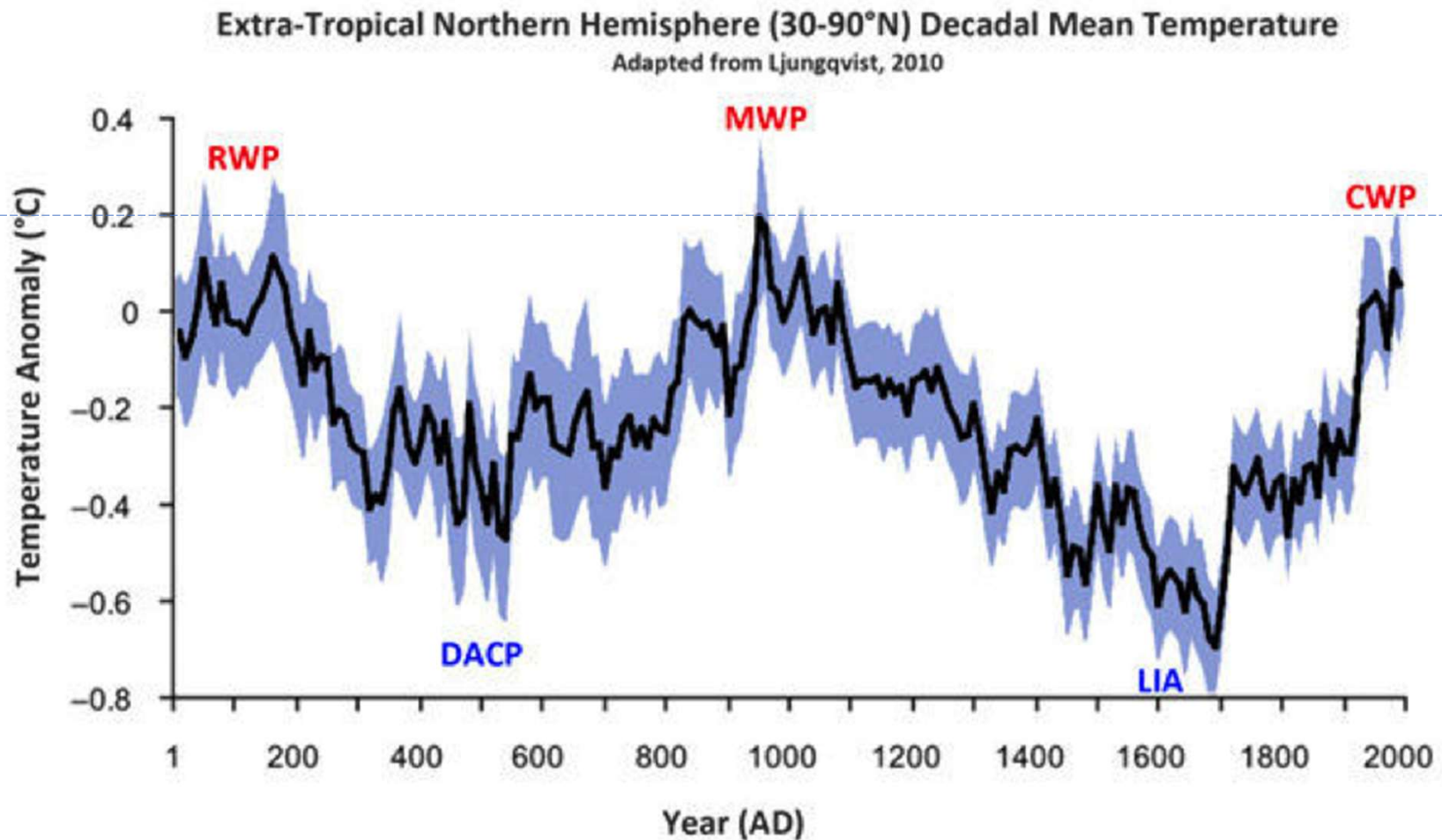
Although these harsh winters often brought with them famine and death, it was the local Londonders – as enterprising and resilient as ever – who decided to make the most of it and set up the Thames Frost Fairs. In fact, between 1607 and 1814 there were a total of seven major fairs, as well as countless smaller ones.



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Researchers have documented the existence of megadroughts that extended over centuries during the warm Medieval Warming Period. The 20th and 21st centuries are yet to experience these type of warming droughts. Past North American megadrought history clearly indicates the much warmer climate that persisted during the Medieval Period.

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Slavery Today

There are an estimated 21 million to 45 million people trapped in some form of slavery today. It's sometimes called "Modern-Day Slavery" and sometimes "Human Trafficking." At all times it is slavery at its core.

Top 10 Countries with the Highest Prevalence of Modern Slavery (by total number of slaves) - Global Slavery Index 2018:

1. India - 7,989,000
2. China - 3,864,000
3. North Korea - 2,640,000
4. Nigeria - 1,386,000
5. Iran - 1,289,000
6. Indonesia - 1,220,000
7. Congo (Democratic Republic of) - 1,045,000
8. Russia - 794,000
9. Philippines - 784,000
10. Afghanistan - 749,000

India has the highest number of slaves in the world. This is partly because India is one of the two most populous countries on Earth and partially because all forms of modern slavery exist in India,

https://www.sciencedaily.com/releases/2015/05/150520193831.htm

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Cold weather kills far more people than hot weather

Date: May 20, 2015

Source: The Lancet

Summary: Cold weather kills 20 times as many people as hot weather, according to an international study analyzing over 74 million deaths in 384 locations across 13 countries. The findings also reveal that deaths due to moderately hot or cold weather substantially exceed those resulting from extreme heat waves or cold spells.

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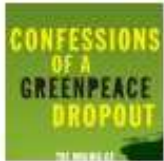
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Fact #2:

**CO₂ is not a dangerous “Greenhouse Gas.”
CO₂ is plant food. That is why they add CO₂
in greenhouses to 3x what ours is.**

THE SENSIBLE ENVIRONMENTALIST

Dr. Patrick Moore



Buy *Confessions of a Greenpeace Dropout*: The Making of a Sensible Environmentalist Paperback – November 22, 2010 [Kindle Edition here](#)



AUGUST 1, 2012

Earth still absorbing about half carbon dioxide emissions produced by people: study

by NOAA Headquarters



Earth's oceans, forests and other ecosystems continue to soak up about half the carbon dioxide emitted into the atmosphere by human activities, even as those emissions have increased, according to a study by University of Colorado and NOAA scientists to be published August 2 in the journal *Nature*.

Earth's carbon sinks have doubled their uptake in past 50 years, lessening the ...

The Greenhouse Effect

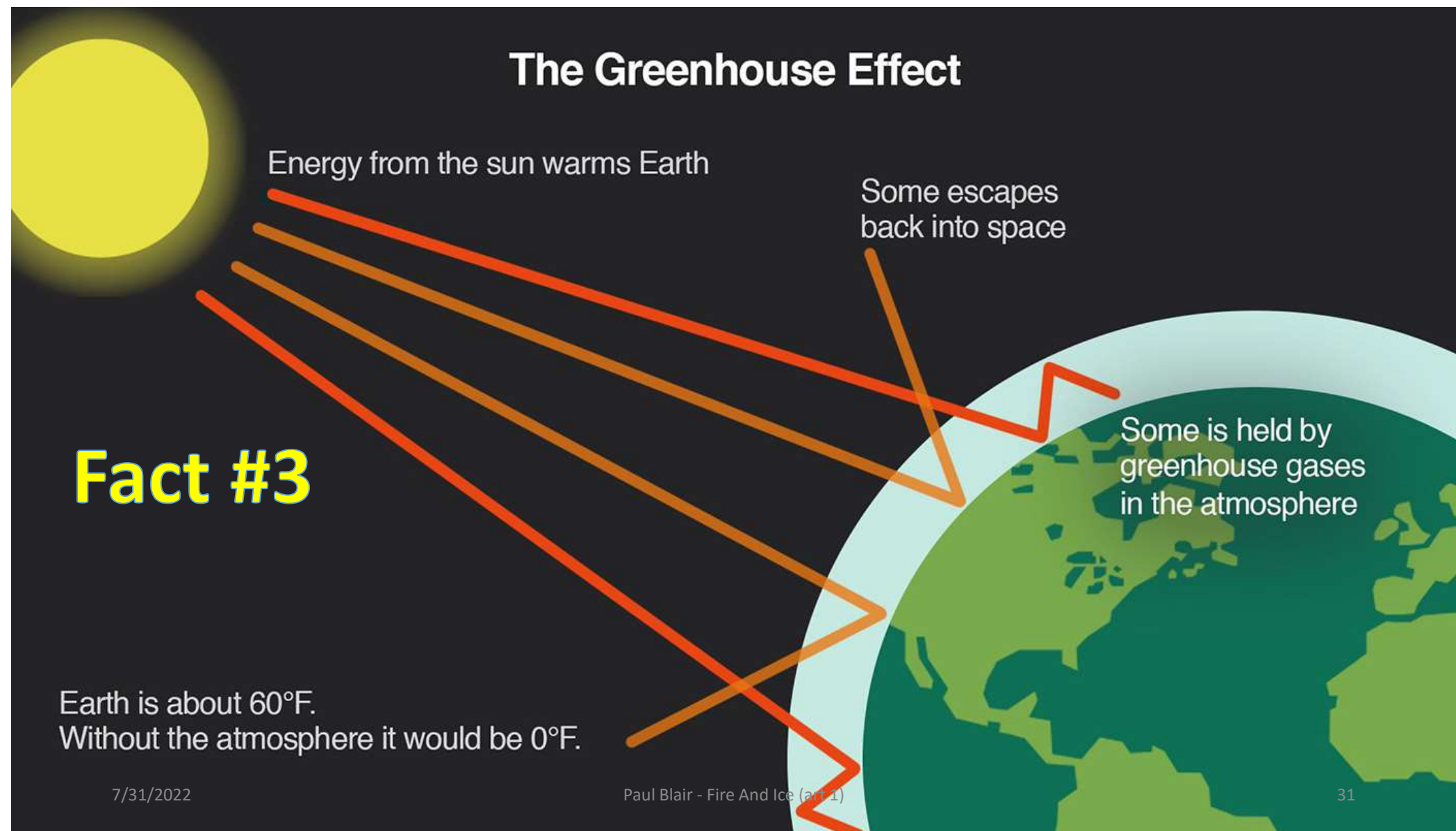
Fact #3

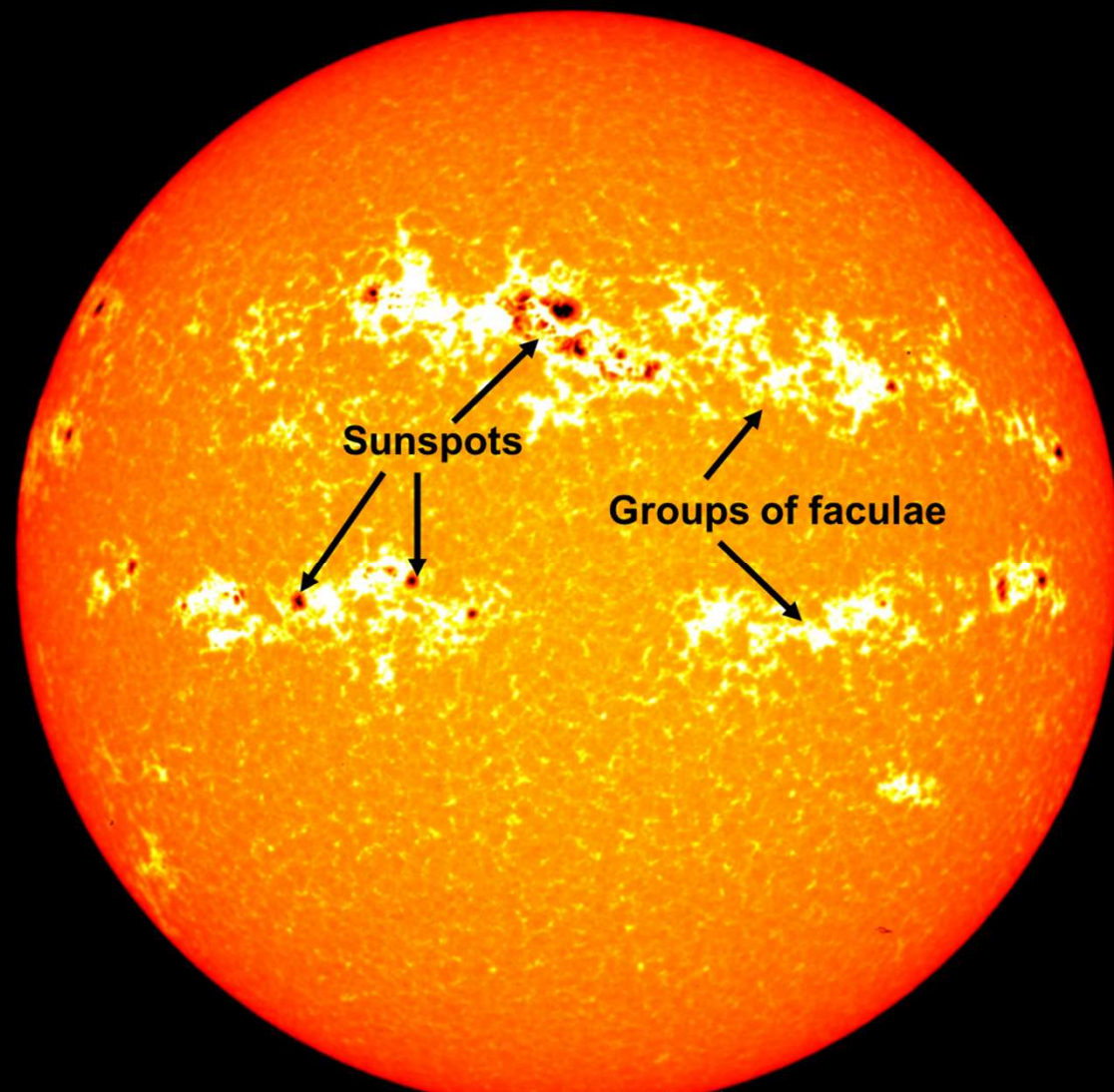
Earth is about 60°F.
Without the atmosphere it would be 0°F.

Energy from the sun warms Earth

Some escapes
back into space

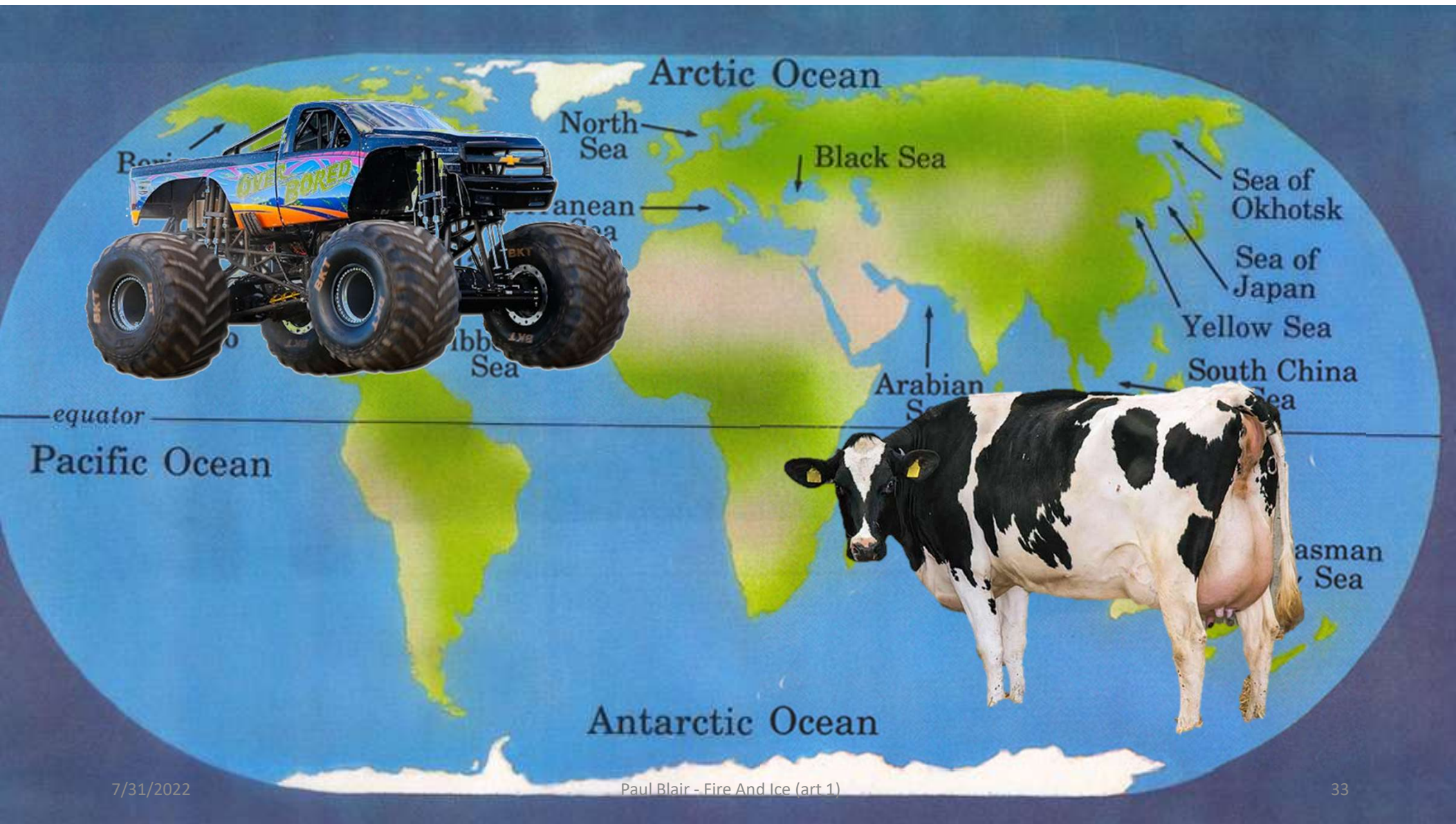
Some is held by
greenhouse gases
in the atmosphere

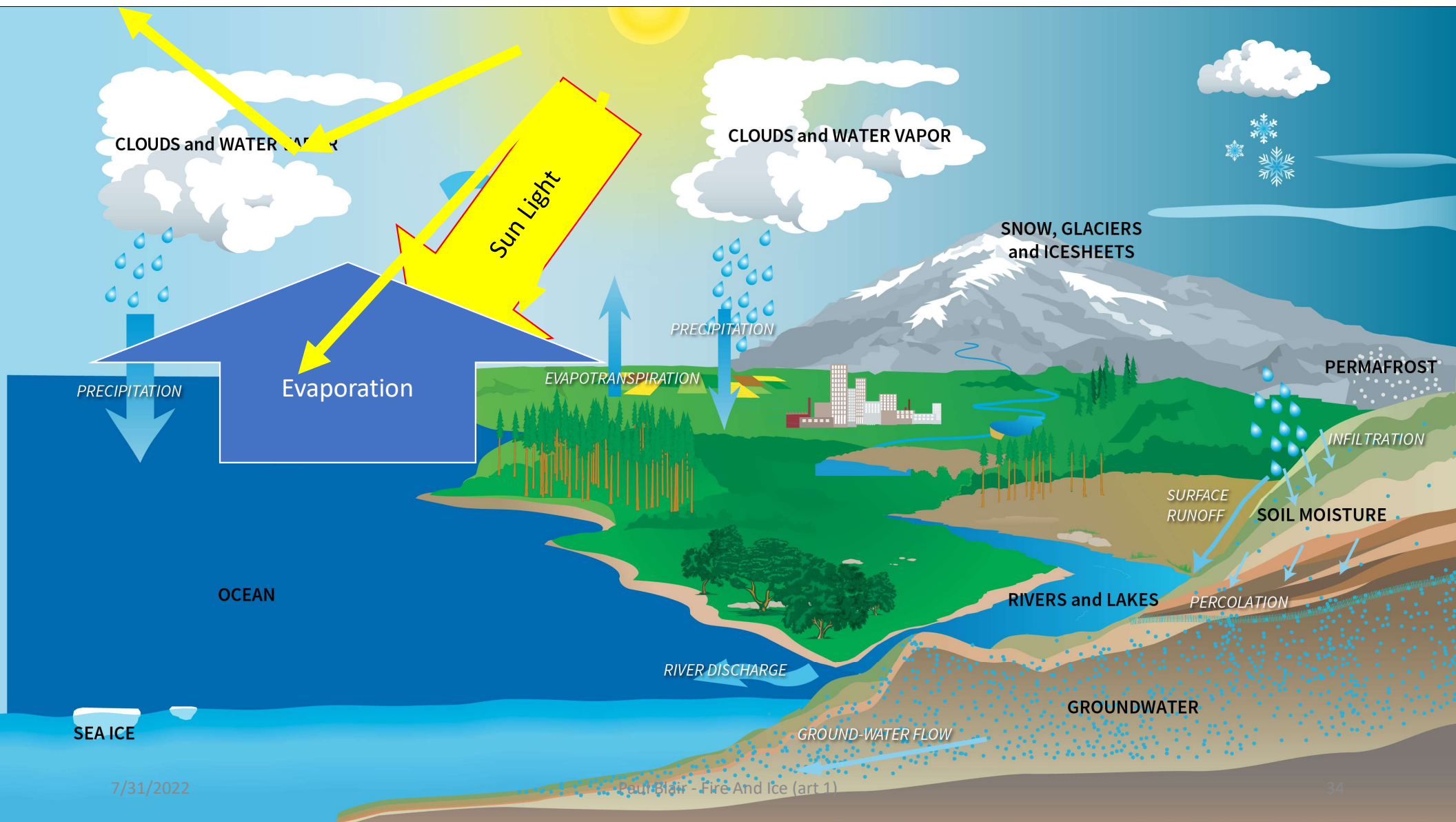




Sunspots

Groups of faculae



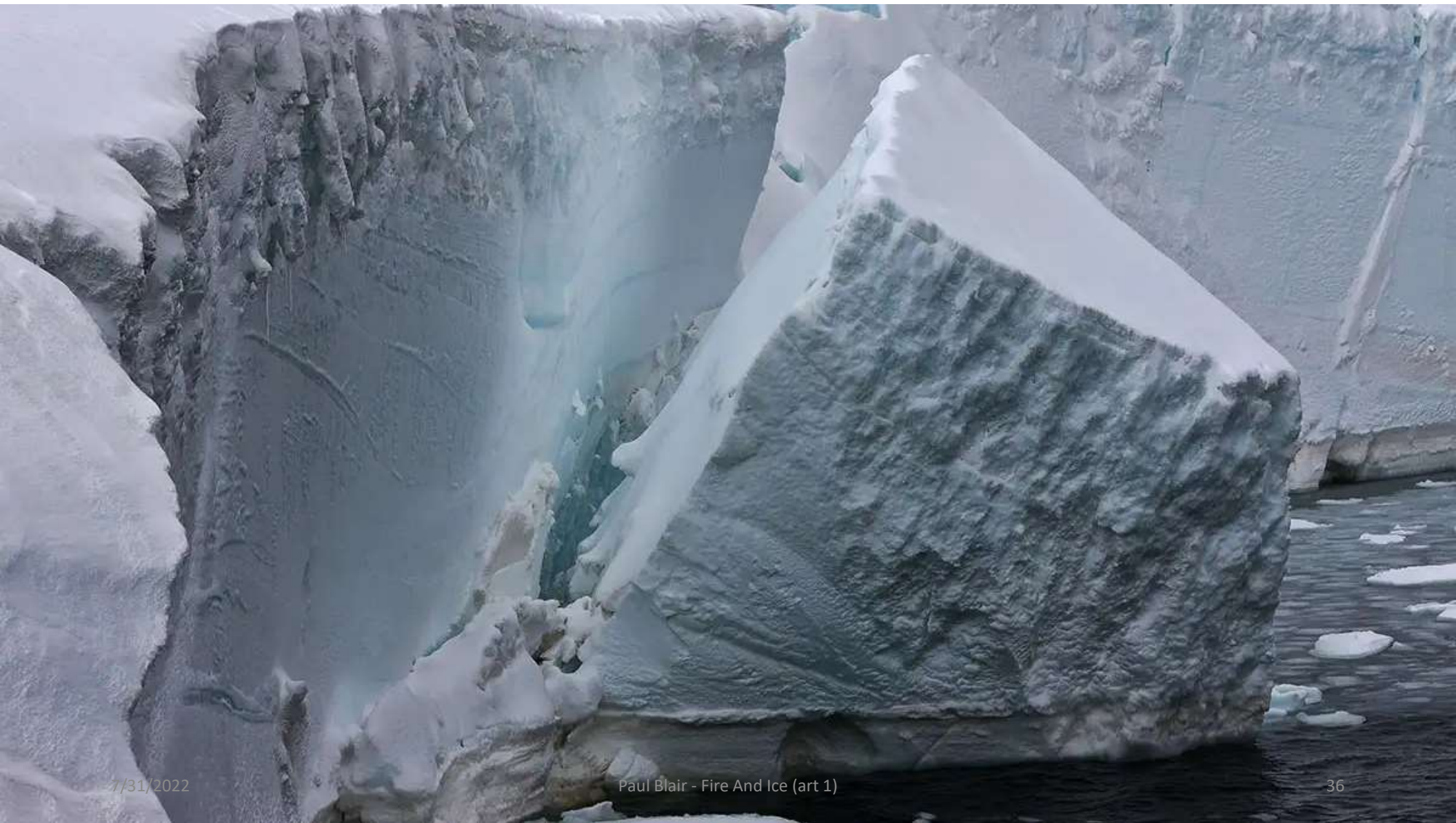




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FACTS

1. Climate always changes and always has. World history proves periods of warming and cooling continually since Adam and Eve. Other than “the flood”, nothing out of the ordinary.
2. CO₂ is NOT a dangerous “Greenhouse Gas.” It is plant food.
3. The atmosphere around earth serves as insulation making sure we don’t get too hot or too cold. Like a Greenhouse maintains optimum conditions for growth, hence “GREENHOUSE Gases.”



Debunking Climate Myths

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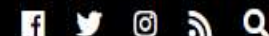
SCIENCELINE

THE SHORTEST DISTANCE BETWEEN YOU AND SCIENCE

a project of nyu's science, health and environmental reporting program

Video by Chloe Williams

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ENVIRONMENT

Al Gore's movie 'An Inconvenient Truth' says sea levels could rise up to 20 feet. Is this true?

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Battery Park

MYTH:
Sea levels are NOT rising dramatically or abnormally.

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MYTH: Ice caps are NOT melting.

ELECTROVERSE

YET ANOTHER ICEBREAKER FINDS ITSELF STUCK IN UNEXPECTEDLY THICK ARCTIC ICE

You are here » Home » Extreme Weather » Yet another Icebreaker finds itself Stuck in Unexpectedly Thick



Dozens of scientists and environmentalist from 20 nations boarded the German icebreaker RV Polarstern back in July, 2019 on a year-long voyage to 'study the impact of climate change on the Arctic and how it affects the rest of the world' — the MOSAiC expedition.

"So far we have always been locked out of that region, and we lack even the basic observations of the climate processes in the central Arctic from winter," expedition leader Markus Rex told the AP.

"We are going to change that for the first time".

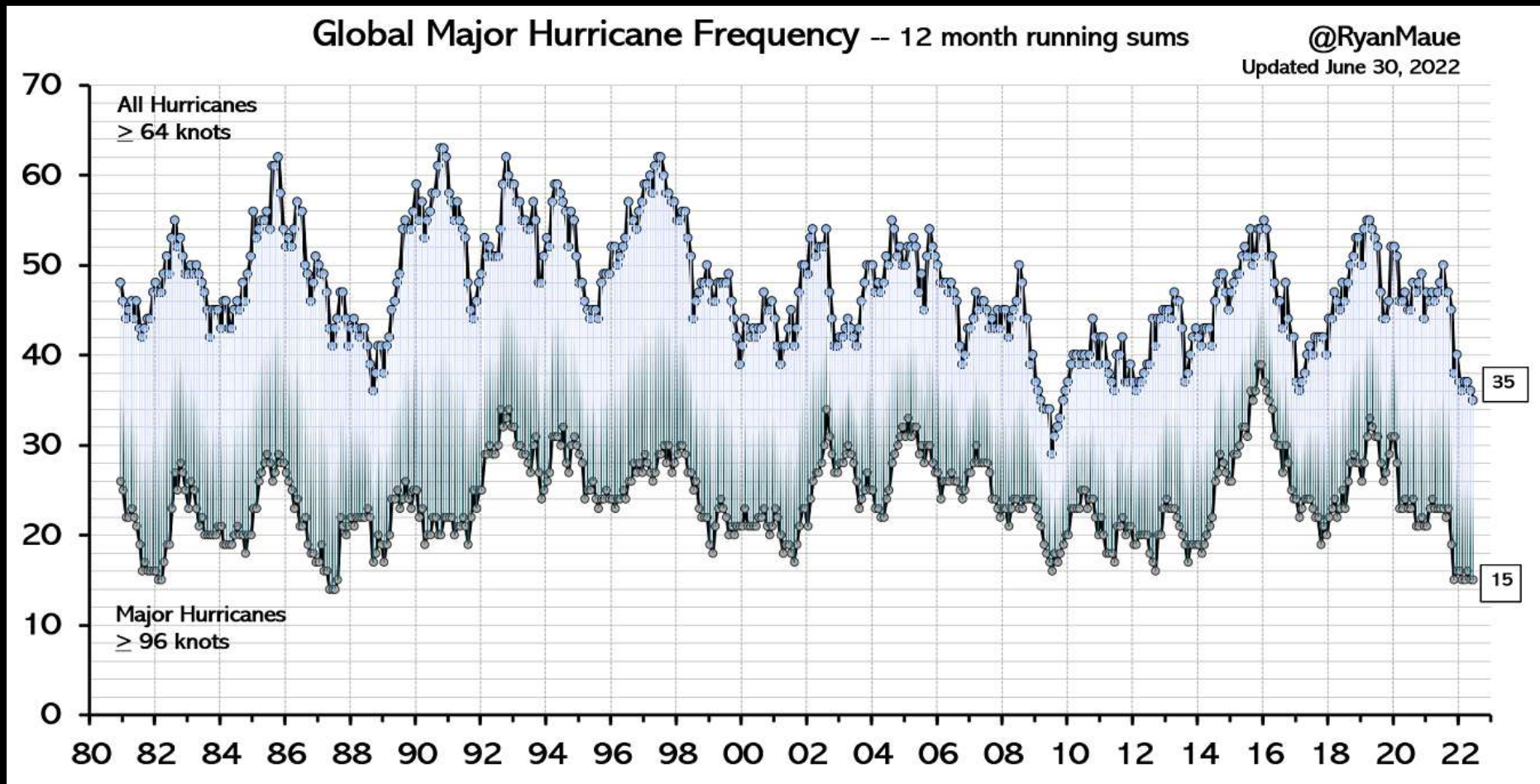


7/31/2022 5:3030 CAPALLON

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MYTH: Hurricane frequency IS NOT increasing.



Hurricane frequency IS NOT increasing.

From the NOAA GFDL website:

"In summary, **it is premature to conclude with high confidence that increasing atmospheric greenhouse gas concentrations from human activities have had a detectable impact on Atlantic basin hurricane activity**, although increasing greenhouse gases are strongly linked to global warming... Human activities may have already caused other changes in tropical cyclone activity that are not yet detectable due to the small magnitude of these changes compared to estimated natural variability, or due to observational limitations."

MYTH: Forest fires ARE NOT increasing!



U.S. FOREST SERVICE FIRE SUPPRESSION

U.S. FOREST SERVICE HEADQUARTERS COLLECTION

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Fire fighters going to the front, Lassen National Forest, 1927.

Legendary forest fires in the late 1800s like the **Peshtigo Fire of 1871** bolstered the argument by early conservationists like **Franklin Hough** and **Bernhard Fernow** that forest fires threatened future commercial timber supplies. Concern for protecting those supplies and also watersheds helped conservationists convince the U.S. government in 1891 to begin setting aside national forest



BECOME
A MEMBER

A NEW GENERATION OF ACTIVISTS PUT THEIR BODIES ON THE LINE TO DEFEND CALIFORNIA'S FORESTS

In Humboldt County, California, activists prevent logging companies from felling trees by using their own bodies as blockades.



Until around 1970, federal land managers remained obsessed with controlling large fires. But during the 1960s, scientific research increasingly demonstrated the positive role fire played in forest ecology. This led in the early 1970s to a radical change in Forest Service policy—to let fires burn when and where appropriate. It began with allowing natural-caused fires to burn in designated wilderness areas. From this the "let-burn" policy evolved, though it suffered a setback in the wake of the 1988 Yellowstone fires. Since around 1990, fire suppression efforts and policy have had to take into account exurban sprawl in what is called the wildland-urban interface. Another issue the Forest Service now faces is that fires




Fire fighters going to the front, Lassen National Forest, 1927.

watersheds helped conservationists convince the U.S. government in 1891 to begin setting aside national forest



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ADVISORY
75
Wind
Pressure
Moving
Location
35 MI
WILMINGTON
CAROLINA
NEXT ADVISORY
3 Hour
1:00 PM

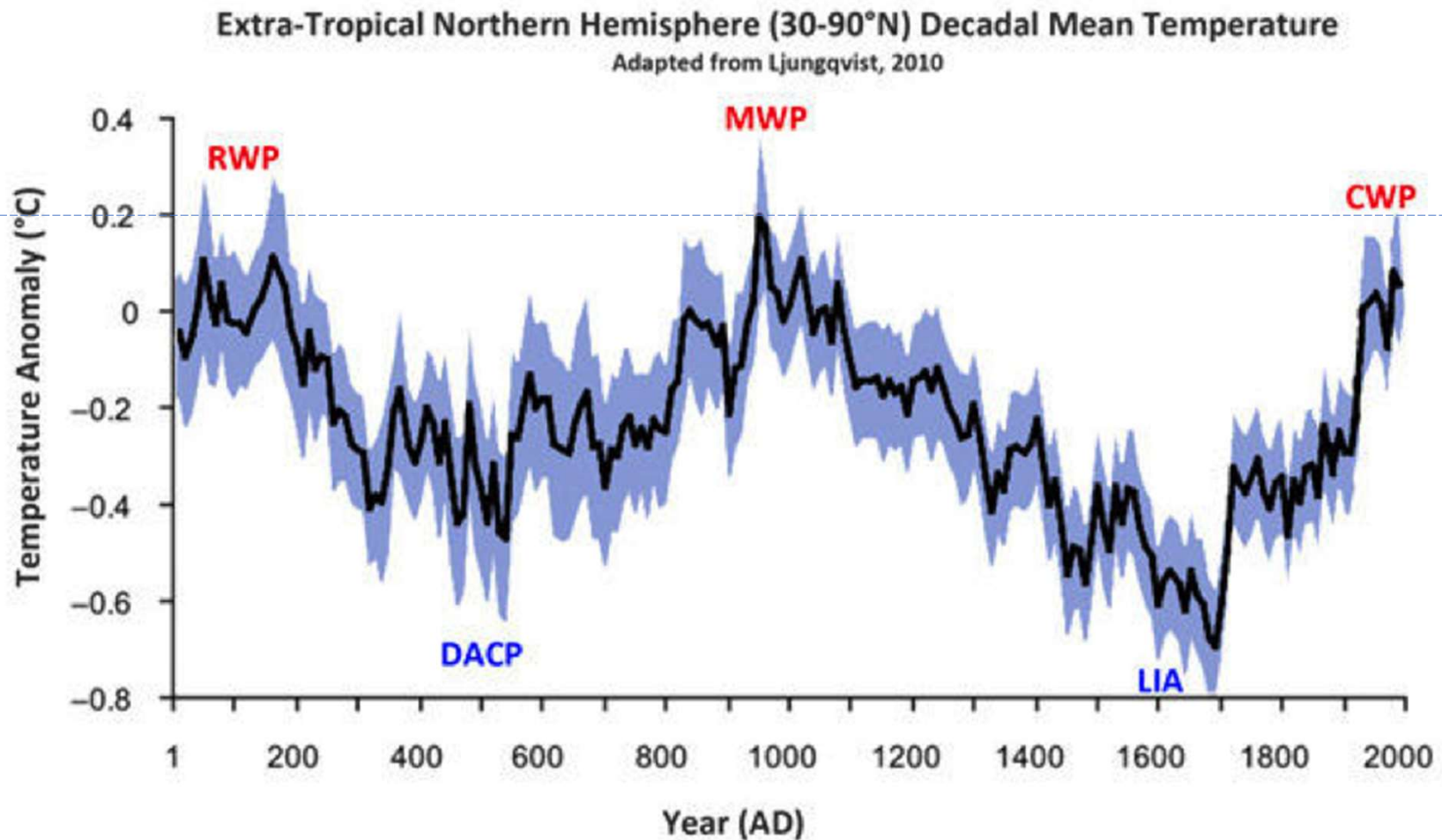
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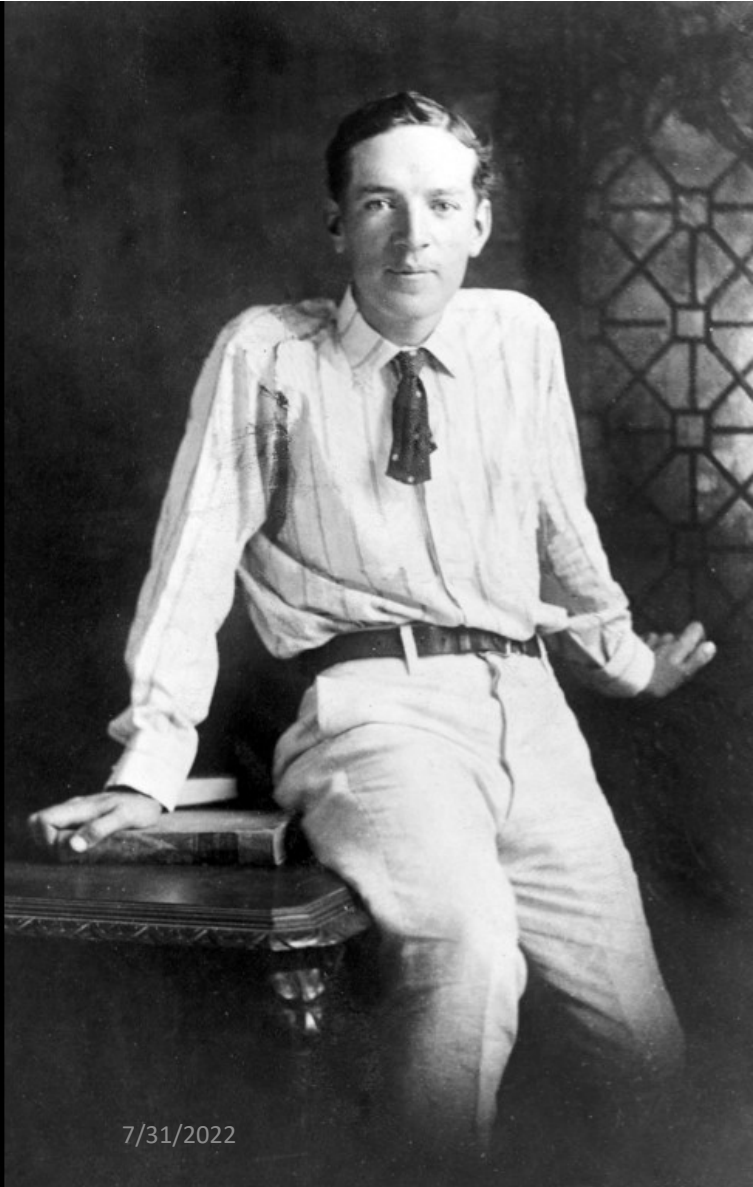
Debunking Climate Myths

1. Sea levels are NOT rising out of control.
2. Polar Ice Caps are NOT melting into non-existence.
3. Hurricanes are NOT increasing.
4. Forest Fires are NOT increasing.



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“It is difficult to get a man to understand something, when his salary depends on him not understanding it!”

Upton Sinclair

*author and political candidate
born September 20, 1878*

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“Today, the solitary inventor, tinkering in his shop, has been overshadowed by task forces of scientists in laboratories and testing fields...Partly because of the huge costs involved, a government contract becomes virtually a substitute for intellectual curiosity...We must also be alert to the equal and opposite danger that public policy could itself become the captive of a scientific-technological elite.”

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President Dwight D Eisenhower, Farewell Address, 1961

FIRE and **ICE**



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