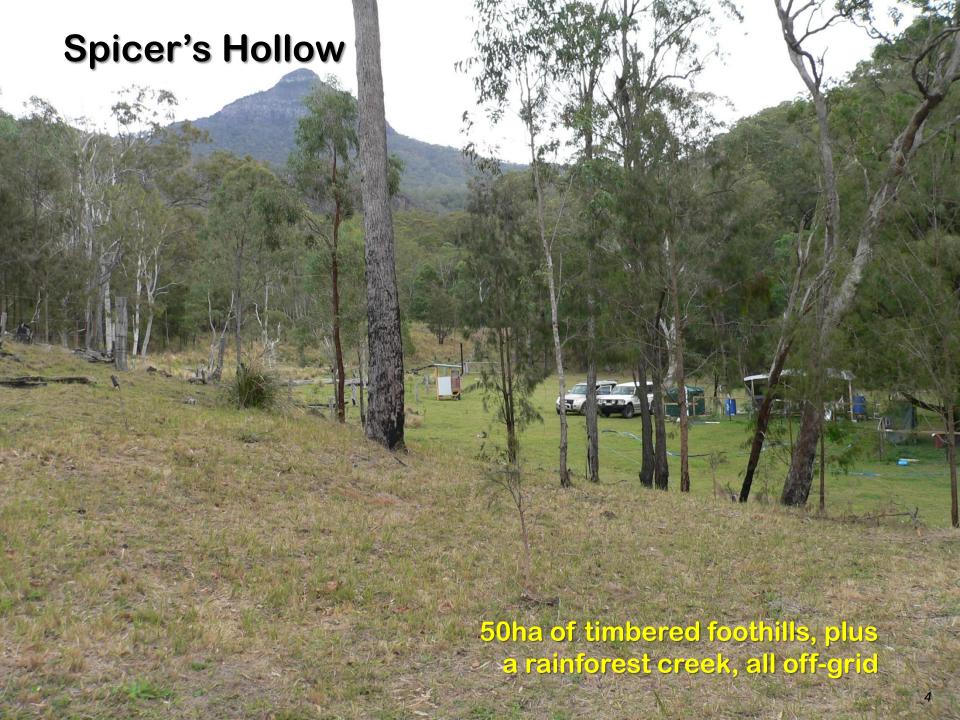




Spicer's Hollow and the Scenic Rim

Alex Derrick hobby farm - native bees, timber and coffee beans





Spicer's Hollow power - one solar panel



Linked to a heavy duty Pb-Acid battery



And simple connectors to water sink pumps, van lights, fridge etc

A source of used iron bark residues to create things of style and beauty. . .

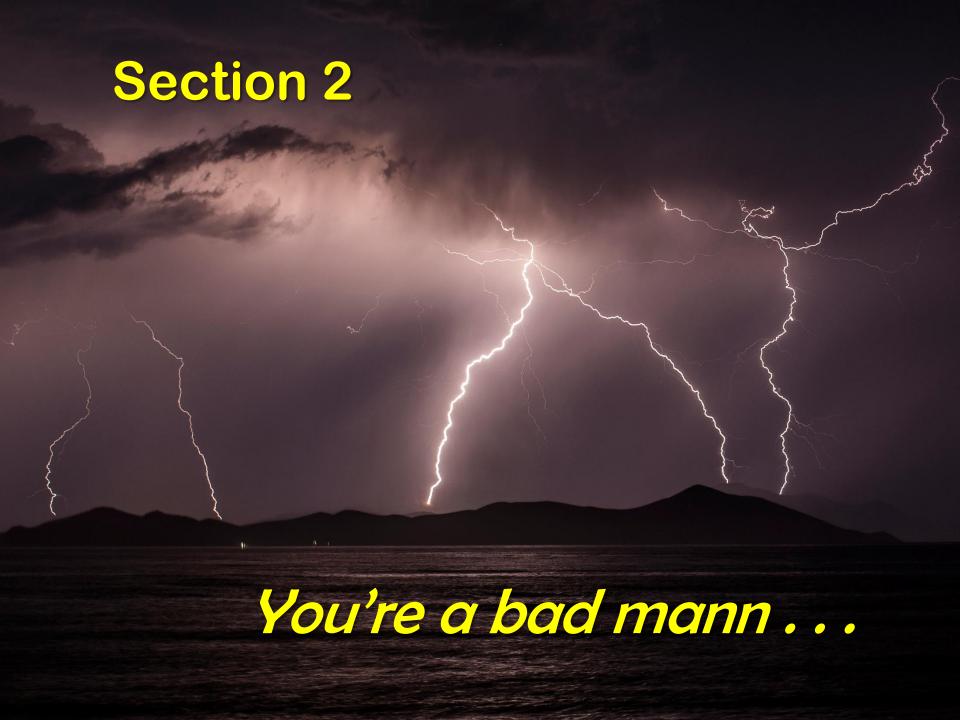


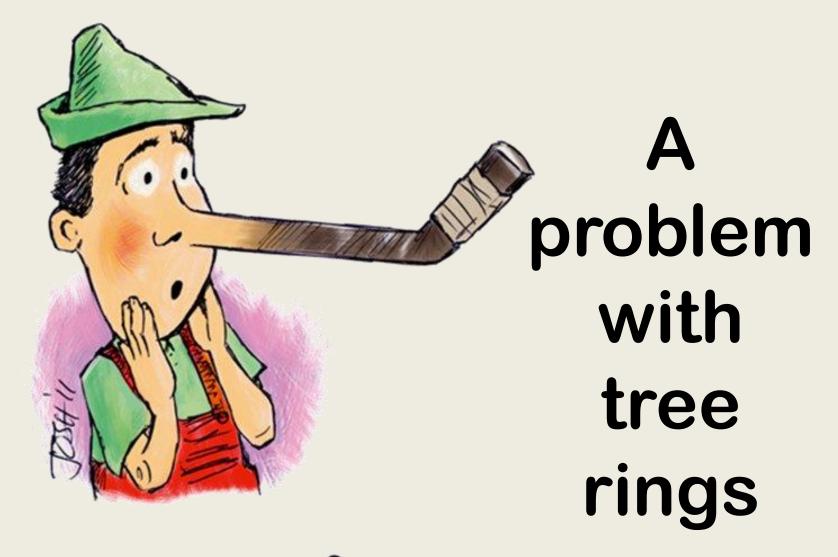
Bar stools, planter boxes, bowls, cutting boards



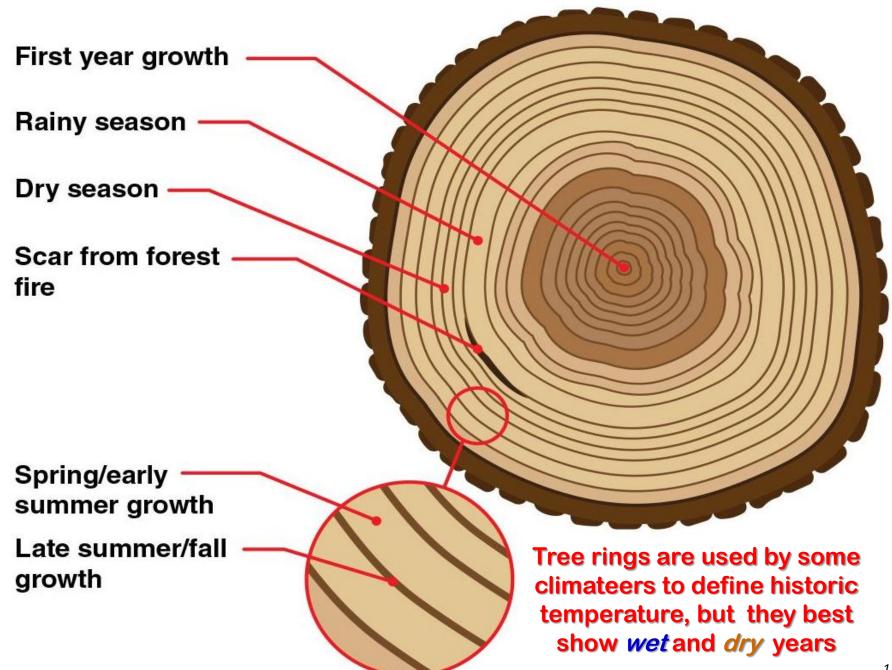




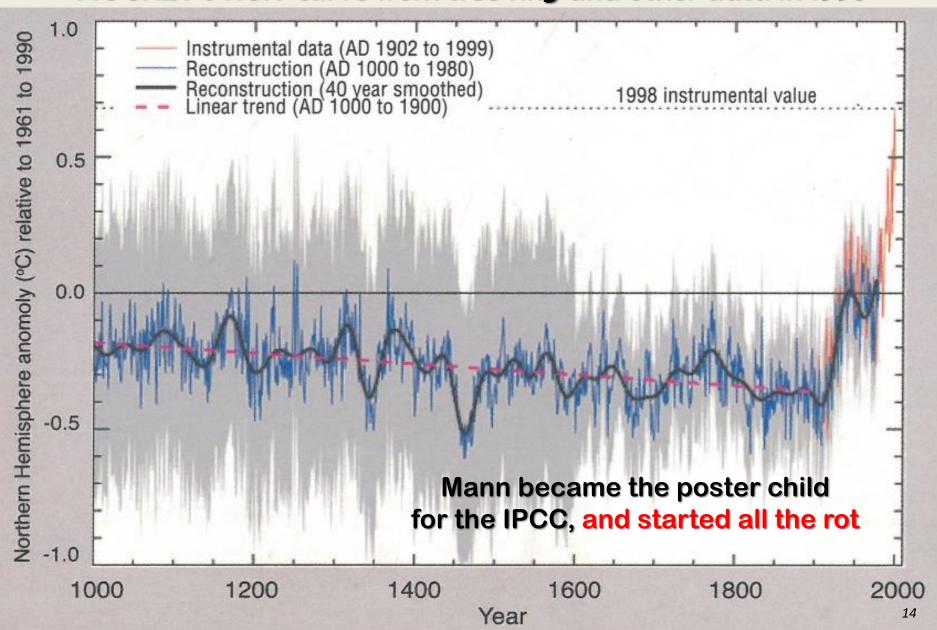


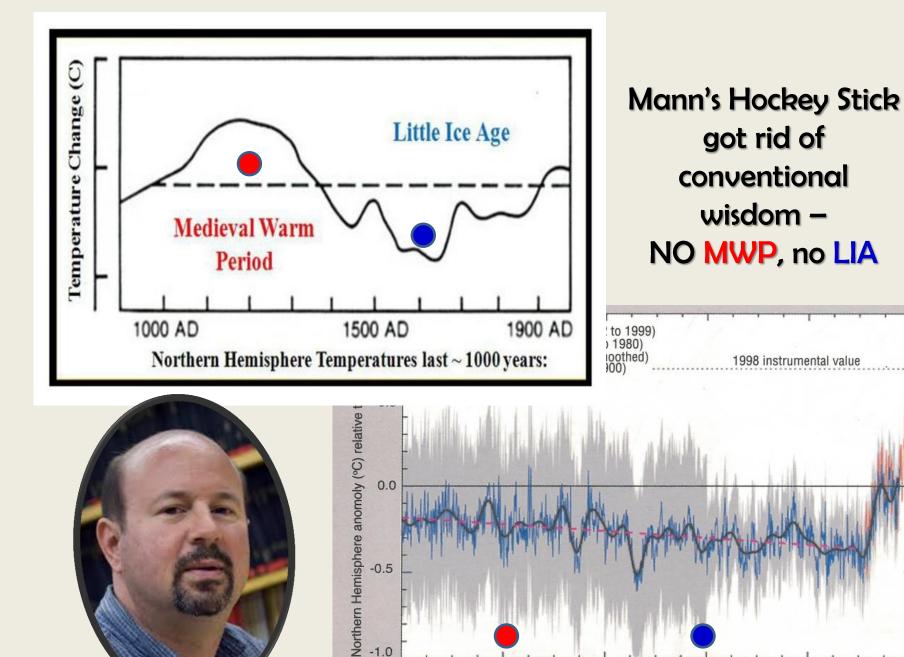


PINOCCKEY STICK



Used especially by Michael Mann, who produced the 'HOCKEY STICK' curve from tree ring and other data in 1998

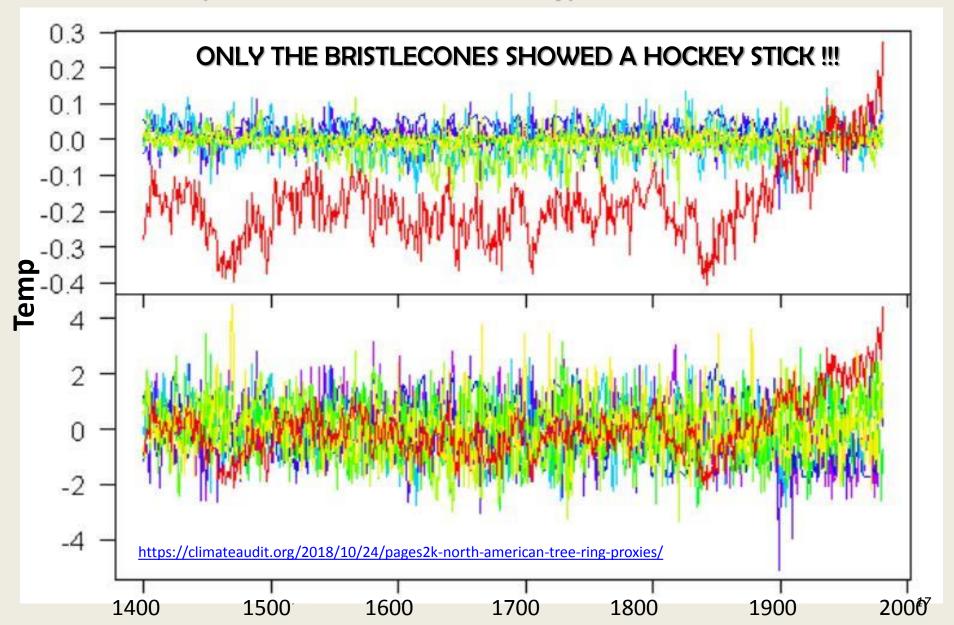




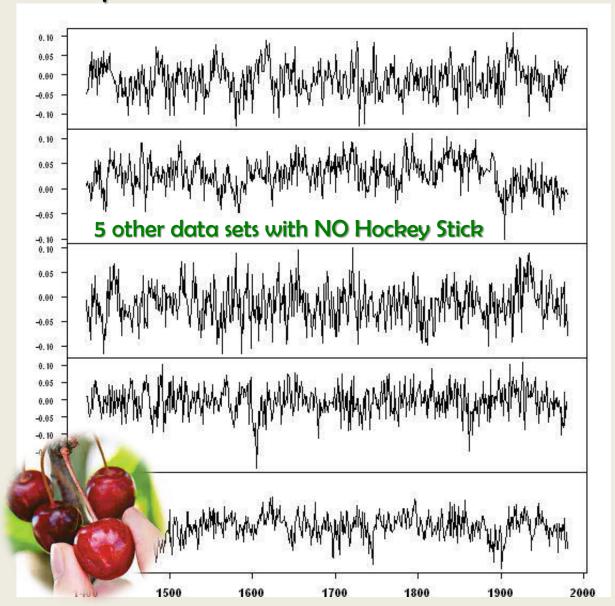
Year



Ignoring Graybill, Mann used the bristlecone pines (RED) and other proxies for temperature – ice cores, other tree types, other countries etc.



BUT – to repeat, Mann's data WITHOUT the bristlecone pine data show NO HOCKEY STICK shapes





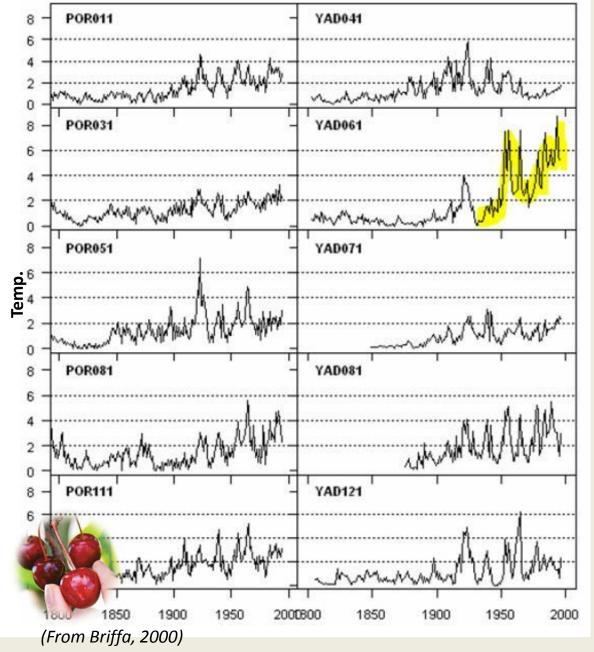
folk like Steve McIntyre
tried to access Mann's
data. Mann refused. Steve
Mac persisted and showed
that the HS was bad
science, cherry-picked and
hugely misleading.

https://climateaudit.org/2009/09/27/yamal-a-divergence-problem/

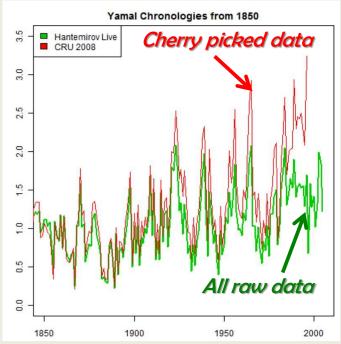
DING DONG THE STICK WAS DEAD

But the same thing was happening with data from the Urals in Russia.





Here are the 1990 set of 10 cores from Yamal and other trees.
Only one shows a 'hockey stick', tree YAD 061, which was 'cherry-picked' by CRU (Climate Research Unit) at the expense of other data



YADO61 became known as "the most influential tree in the world"



I'M SO EXPERT I CAN TELL
THE TEMPERATURE OF
THE WHOLE GLOBE AT
ANY POINT IN HISTORY
WITH THIS ONE TREE

Michael Mann PhD Penn State

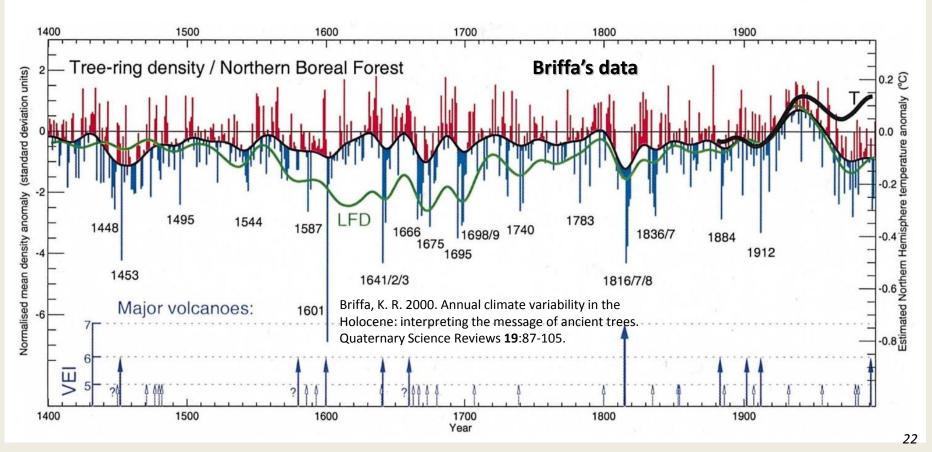
Jost16

HOW RELIABLE ARE THESE CLIMATE EXPERTS?

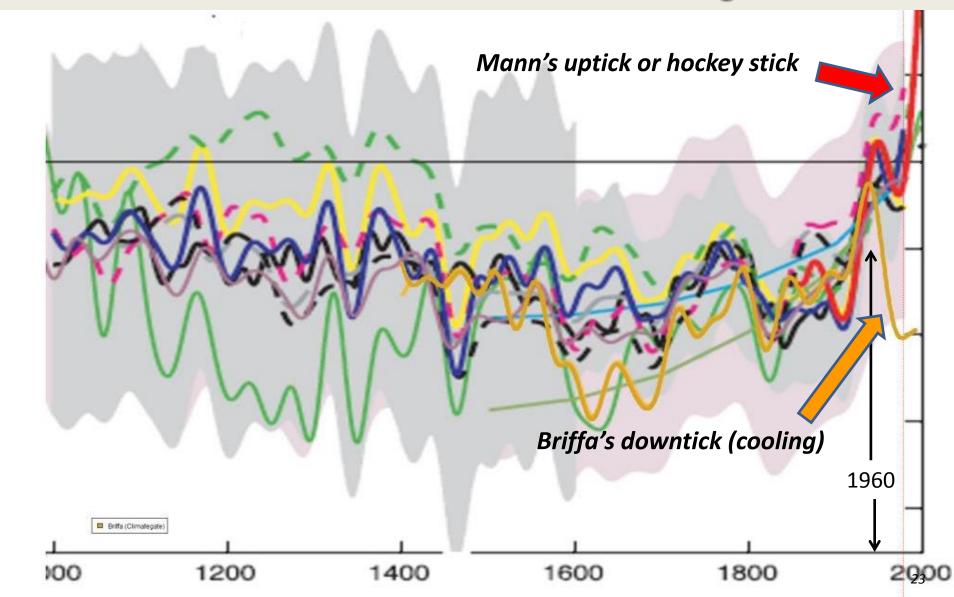
BUT WAIT, THERE'S MORE!!

Keith Briffa wanted to publish his tree ring data also in 1998-2000, but, unlike Mann, some of his data showed <u>NO</u> 20th C uptick. Mann was having none of that, pulled academic rank, bullied publishers and changed the data. (Briffa data in red and blue)





Mann and others had to find a way to 'hide the decline' that came from Briffa's tree-ring work



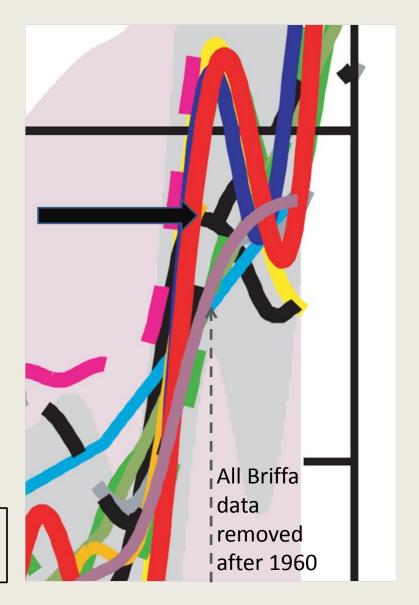
Beware – Mann et al at work hiding the decline!!

Step 1: Cut off all of Briffa's downtick data at 1960 – see black arrow to right, with orange line just appearing from behind other lines.

Step 2: Hide what you did behind a spaghetti mix of all the other curves

MISSION ACCOMPLISHED – THE HOCKEY STICK LIVES!!

But 'CLIMATE SCIENCE' suddenly became a joke.



With global condemnation of the ethics and the 'science'



Published 2010

INDEPENDENT MINDS

THE HOCKEY Stick Illusion

Climategate and the Corruption of Science

'a rattling good detective story and a detailed and brilliant piece of science writing'

MATT RIDLEY, Spectator

A.W. MONTFORD

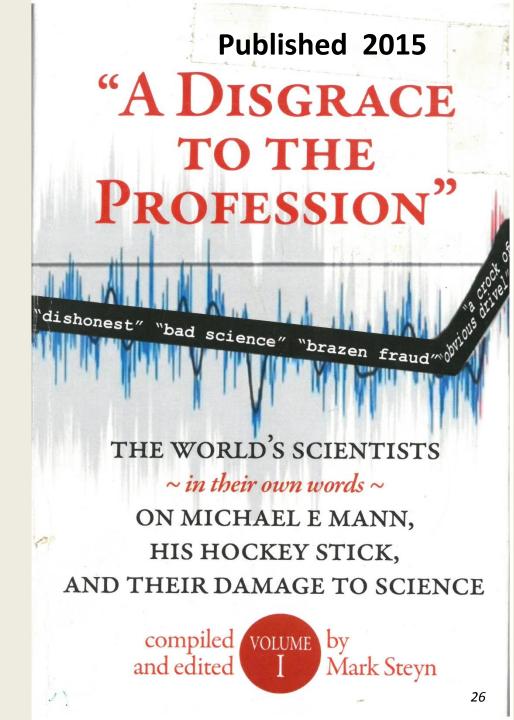
Mann's role in Climategate:

".. The greatest and most successful pseudoscientific fraud I have seen in my long life as a physicist".

Prof. Harold Lewis

..and his damage to science:
"It's time to let Michael
Mann sink or swim on his
own."
Dr Judith Curry

... and his personal style:
"Excuse me while I puke."
Prof. Raymond Bradley (Mann's supervisor at University of Massachusetts) – when RB found out about Mann pressuring the publisher to cancel the Briffa paper.



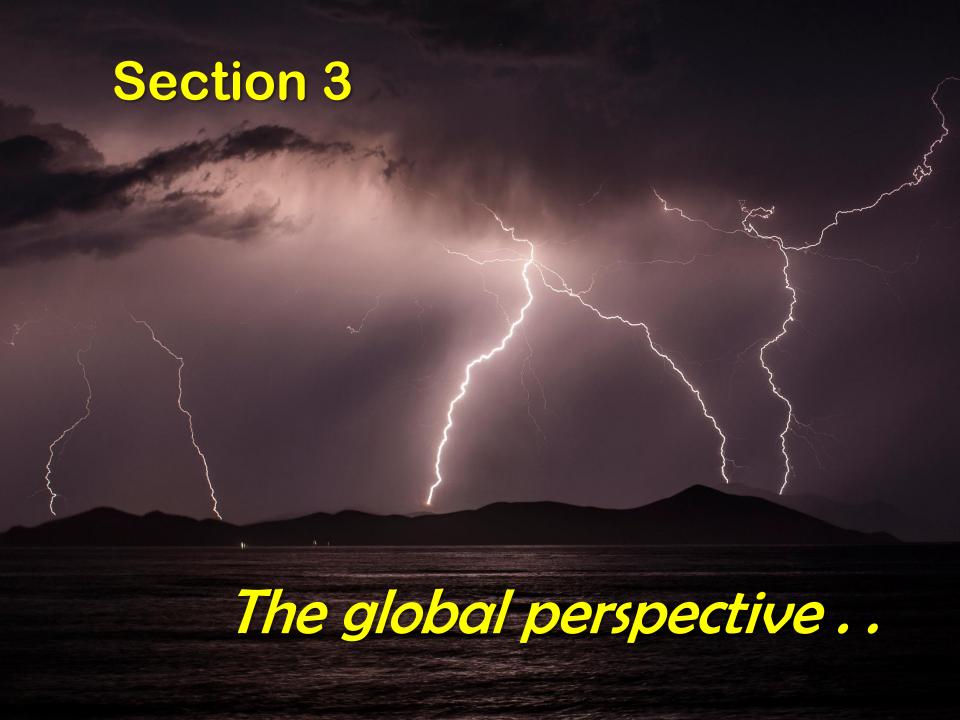
James Delingpole – the last word on Michael Mann

"Apart from being a tetchy, hotheaded, rude, bullying, cackhanded, ignorant, malevolent and embarrassingly useless excuse for a scientist. Professor Michael Mann - the guy behind the seriallydiscredited Hockey Stick - is also the most outrageous liar."

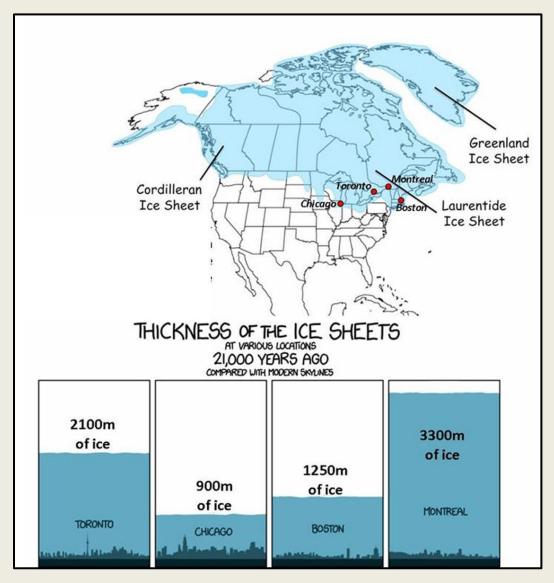
Breitbart 31.3.2017

But the IPCC, the BBC, the ABC all love him . . . for perpetuating a fraud





Do I believe in Climate Change??

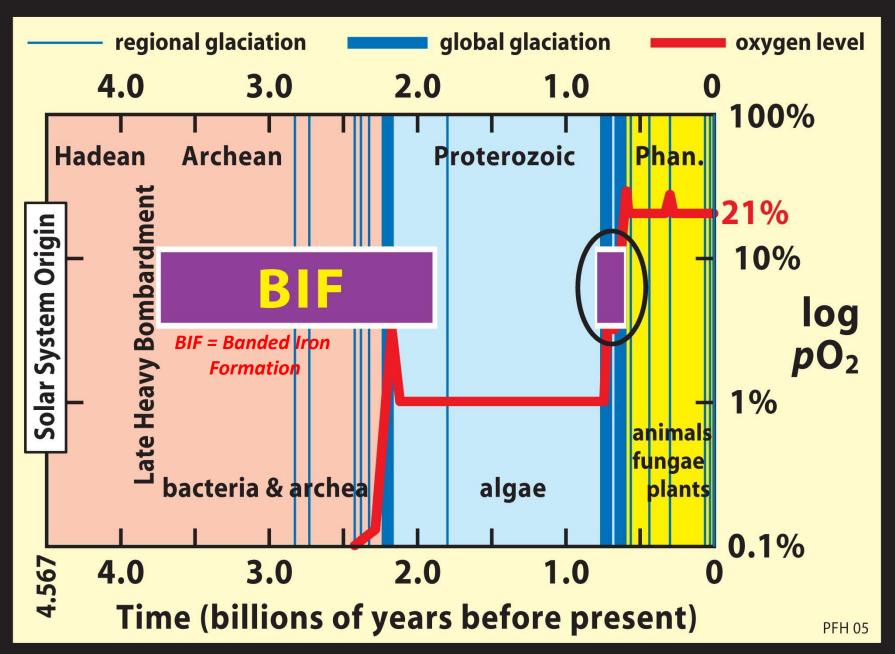


Of course!!

We are currently in an interglacial part of the last ice age which ended about 11,000 years ago.

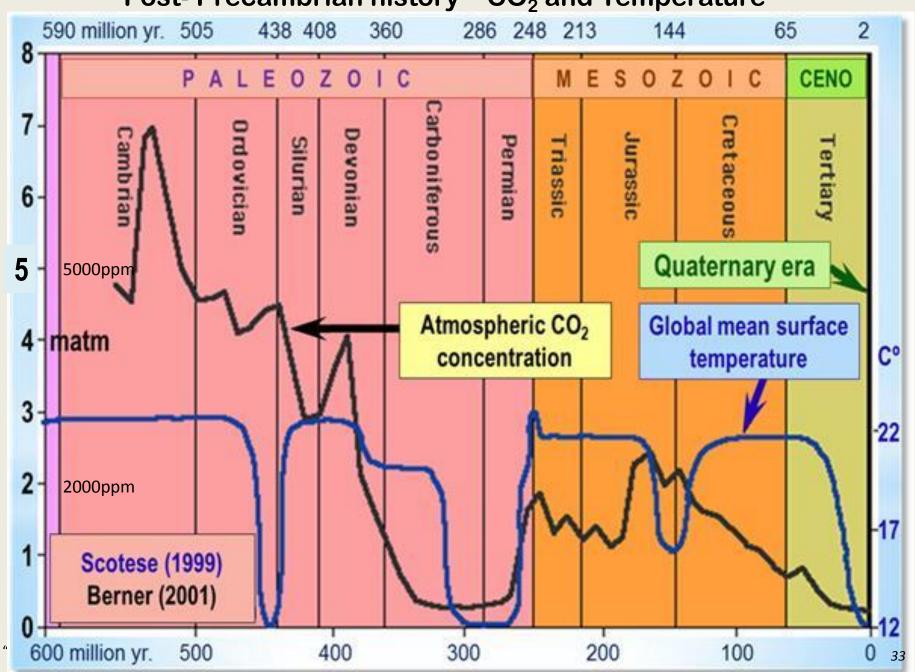
3 km of ice sat above Montreal

Way back then, at about 4.6 billion years ago, our atmosphere was reducing, with no oxygen. Then came the great oxygenation event at about 2.4 billion years ago, which started the animal and plant evolution and revolution

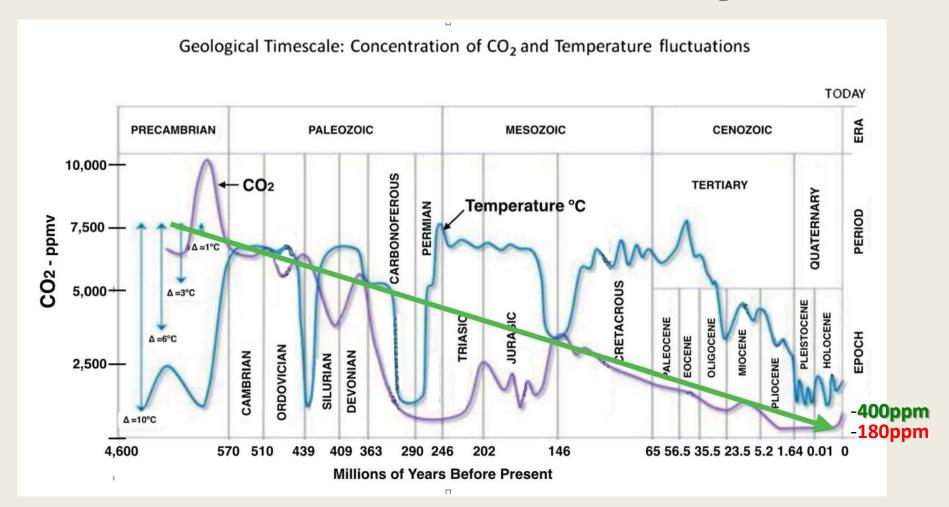




Post- Precambrian history – CO₂ and Temperature

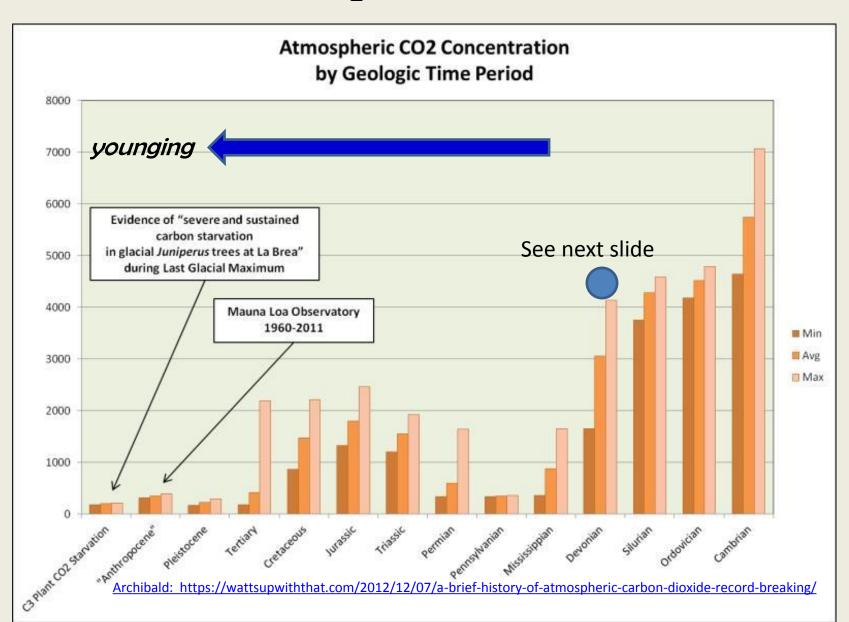


Patrick Moore even suggests that the world owes our current civilisation a HUGE debt – we, the people, have helped reverse this 600 million year downward trend in CO₂.

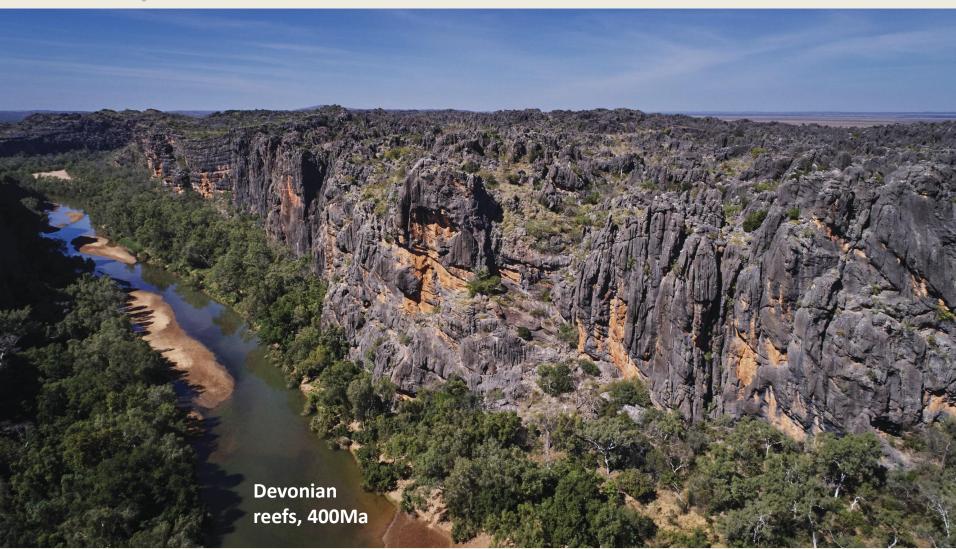


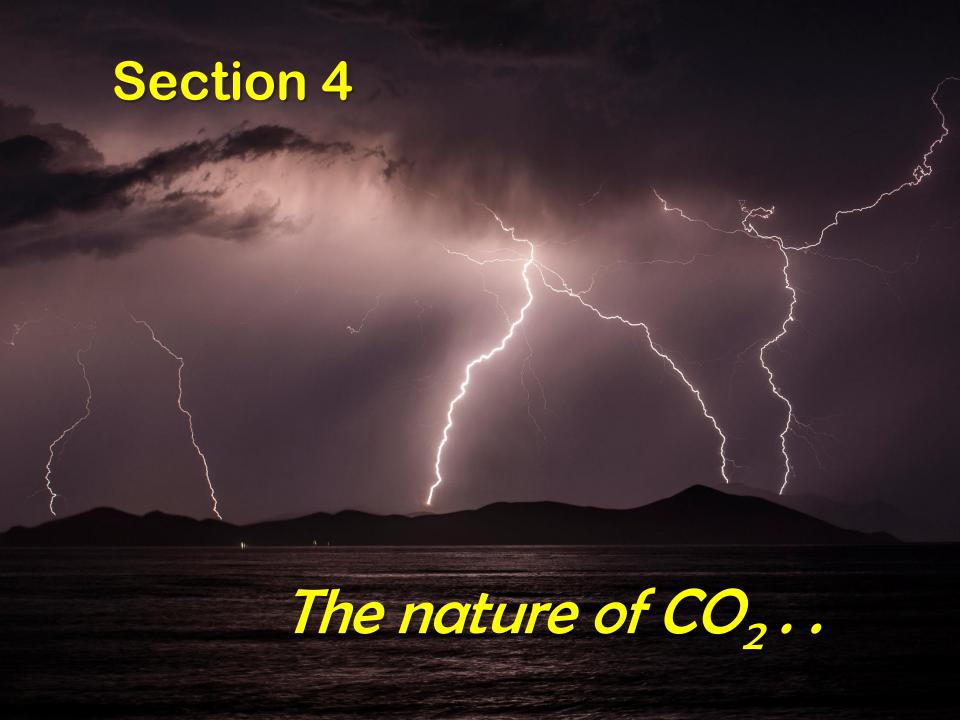
Recall that life on earth almost ceases at CO₂ levels below 180ppm

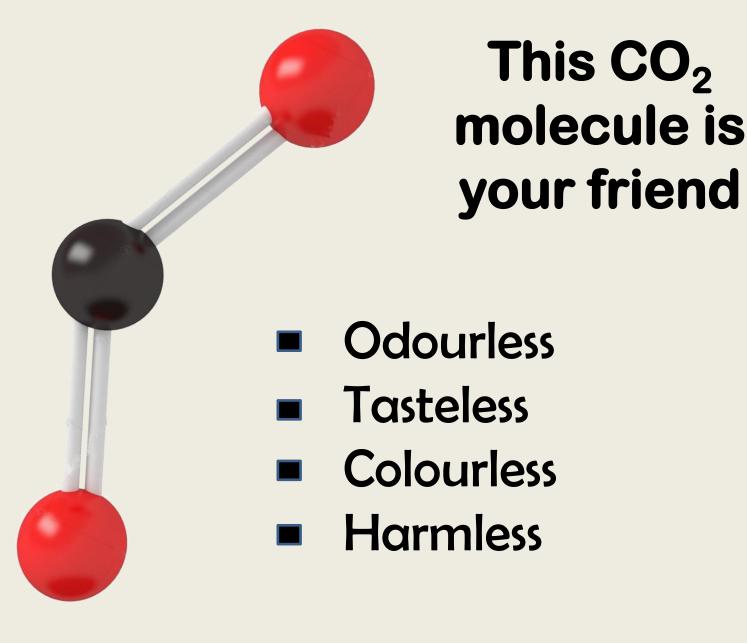
Atmospheric CO₂ concentration with time



Oceans saturated with CO₂ eventually will deposit masses of limestone (Winjana Gorge WA)



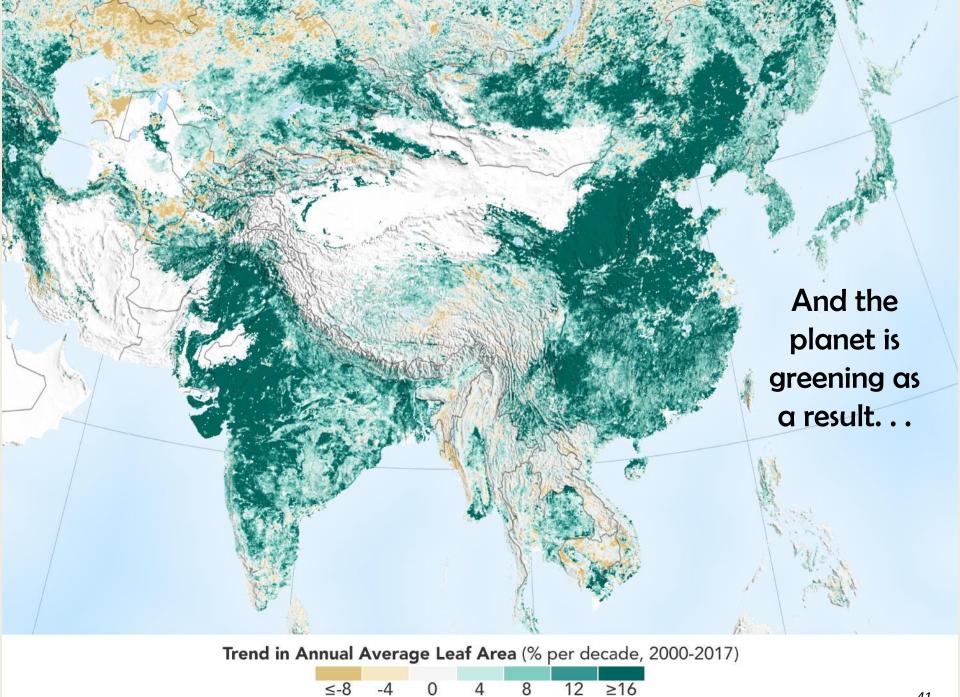


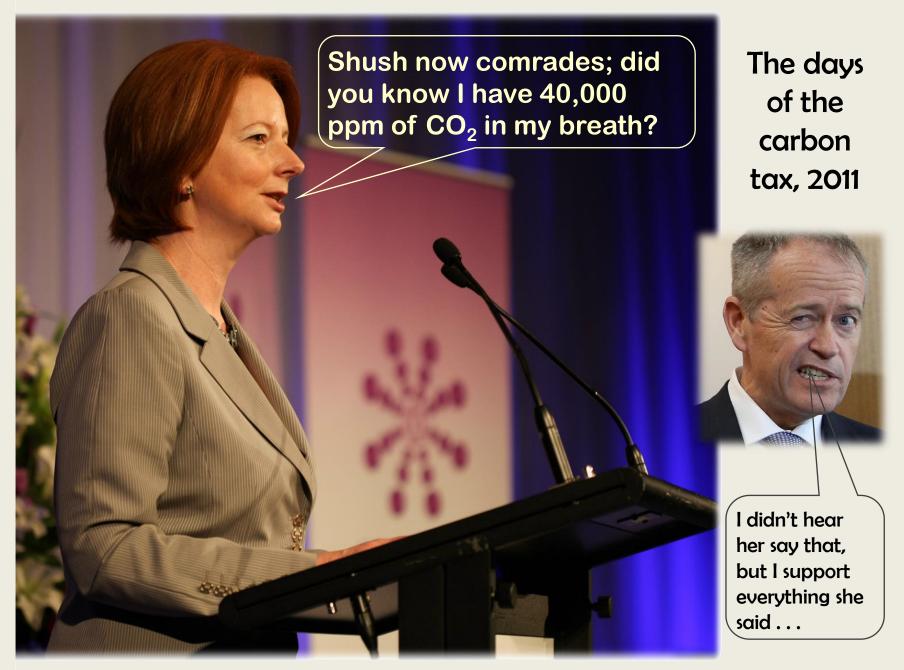


Carbon is the building block for all life on earth, so it is irrational & ignorant to call it a pollutant !!





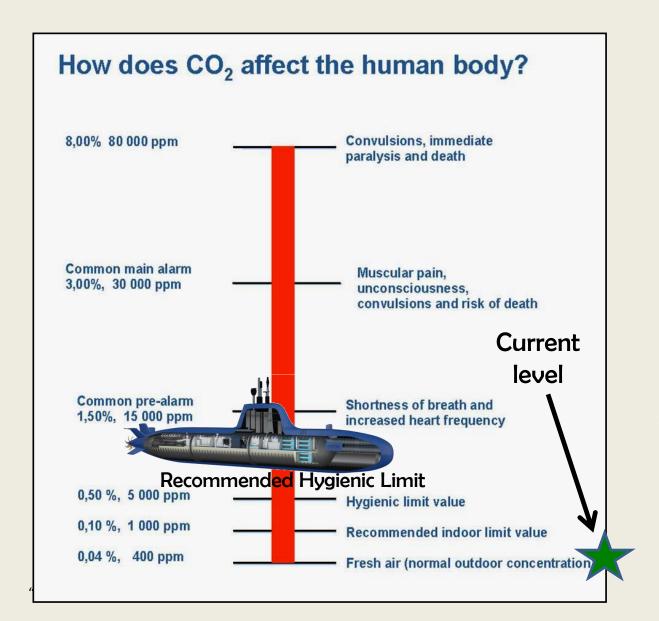


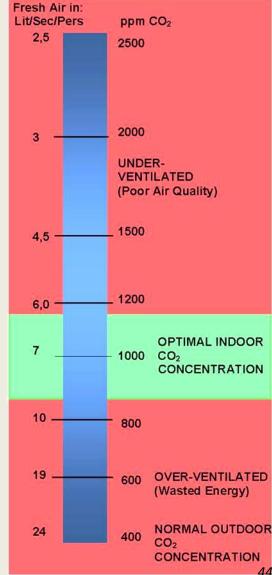


Carbon dioxide 'FOG' is in fact water vapour



Submariners work in levels to 5000ppm CO₂



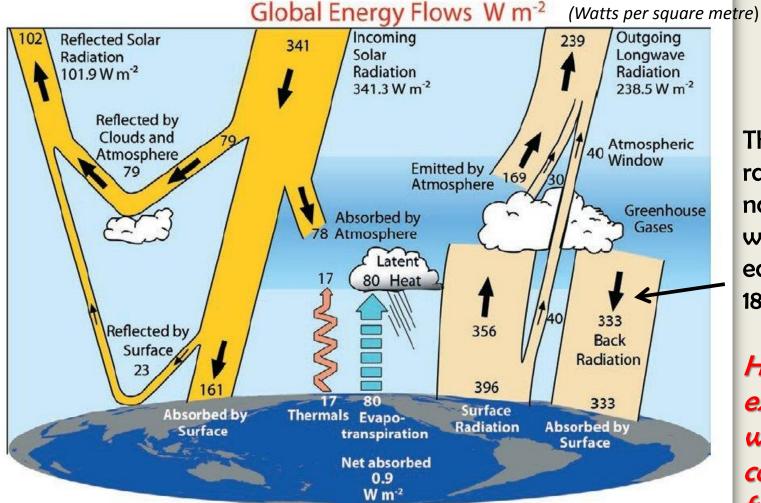




The IPCC think CO₂ emissions are part of Satan's world, and which will turn our globe into a fireball.



A Look at the Greenhouse Effect (1)



This back-radiation naturally warms the earth to

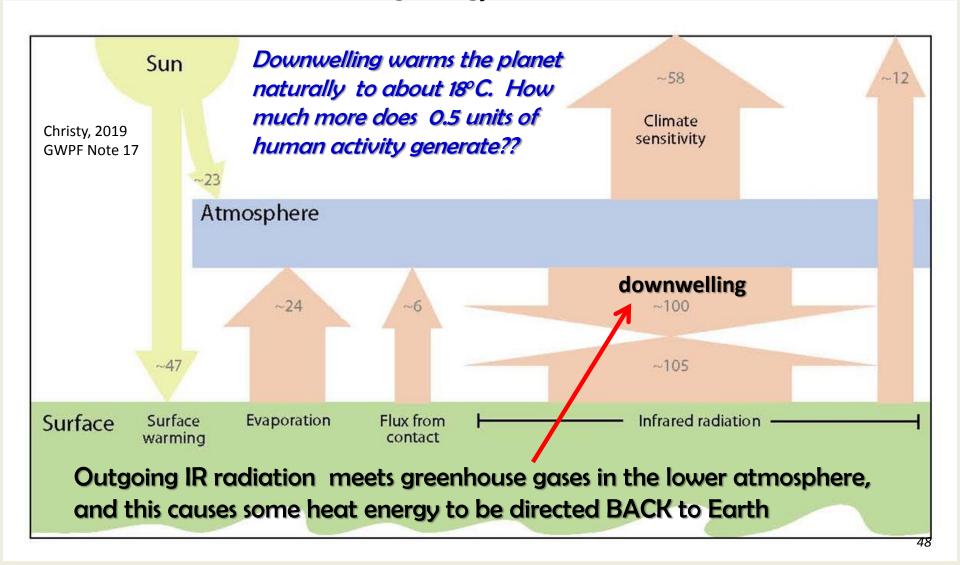
How much extra warming comes from man?

Fig. 1. The global annual mean Earth's energy budget for the Mar 2000 to May 2004 period (W m⁻²). The broad arrows indicate the schematic flow of energy in proportion to their importance.

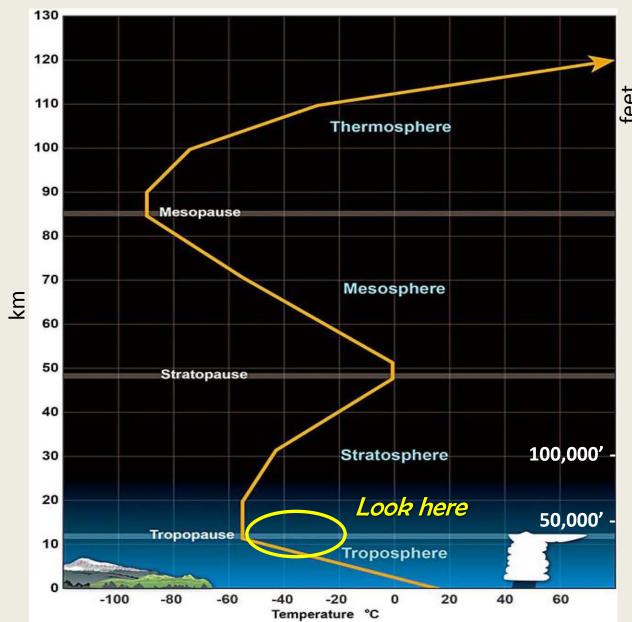
http://climatica.org.uk/greenhouse-effect-role-earths-climate

A Look at the Greenhouse Effect (2)

Of the units of energy shown here, man has added an extra 0.5 units; does it make a difference? Can 0.5 units change energy flow measured in hundreds of units??



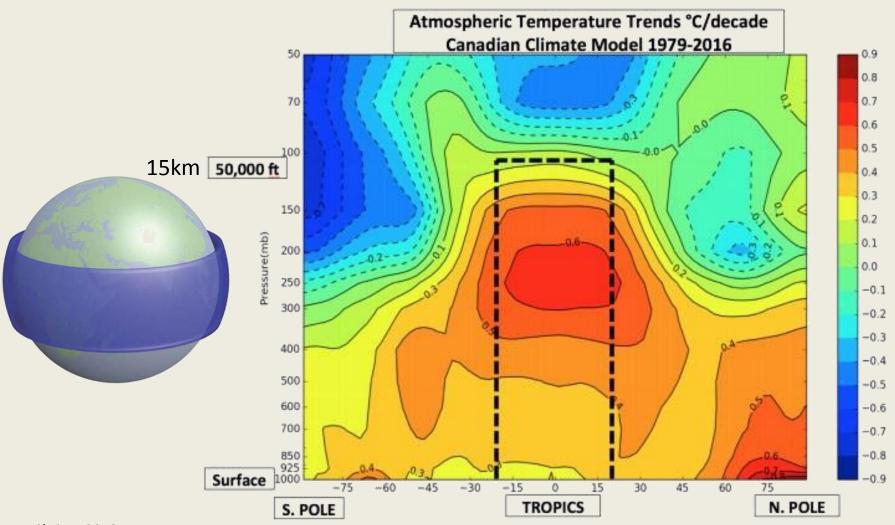
Where can we test for additional warming?



We go looking for a 'hot spot' caused by carbon dioxide towards the top of the Troposphere, where the atmosphere is known to cool naturally with height

https://slideplayer.com/slide/130 36767/

The IPCC models predict that increasing GHG will produce a Tropospheric HOT SPOT, caused by increased CO₂ content. They ignore water vapour, the most abundant of GHG

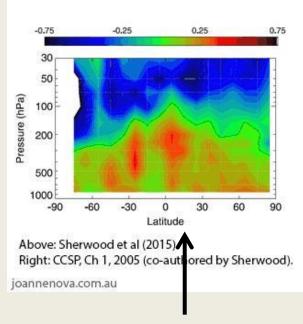


The trouble is the actual data show NO hotspot

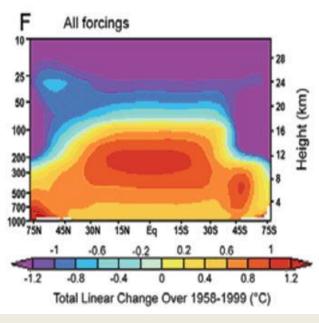


ACTUAL

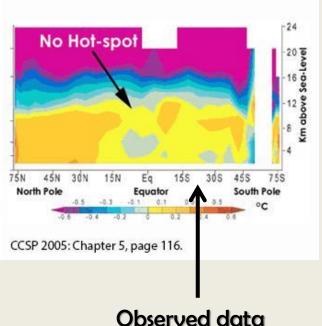
Temperature trends estimated with homogenized wind data (per decade)



Model predictions of temperature trends (1958 - 1999)

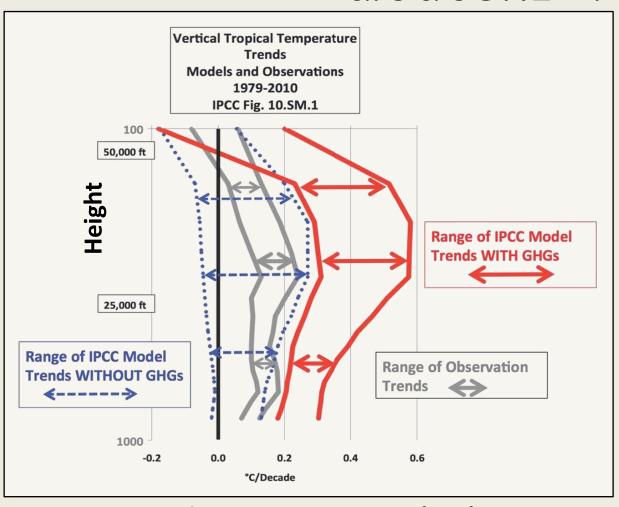


Temperature trends recorded by weatherballoons (per decade)



How desperate are the alarmists – using WIND data??

This suggests the IPCC Climate Models are a JOKE - 1



Warming rate ca. 0.09°C per decade

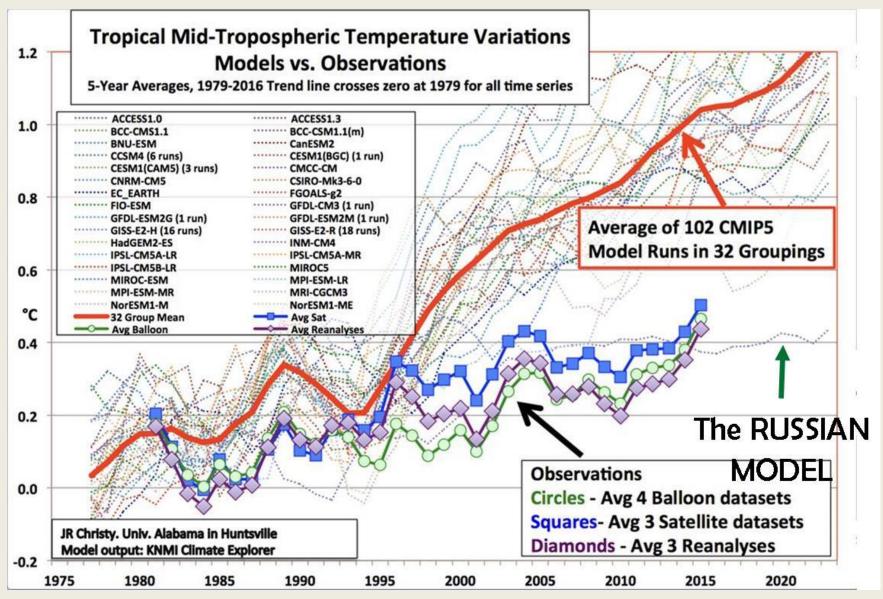
John Christy 2019 GWPF Note 17

IPCC MODELS RESULTS for Troposphere in *BLUE* (NO greenhouse gases) and *RED* (WITH greenhouse gases added): *GREY* area is for OBSERVATIONS, which overlap the blue areas.

Observations trump models !!

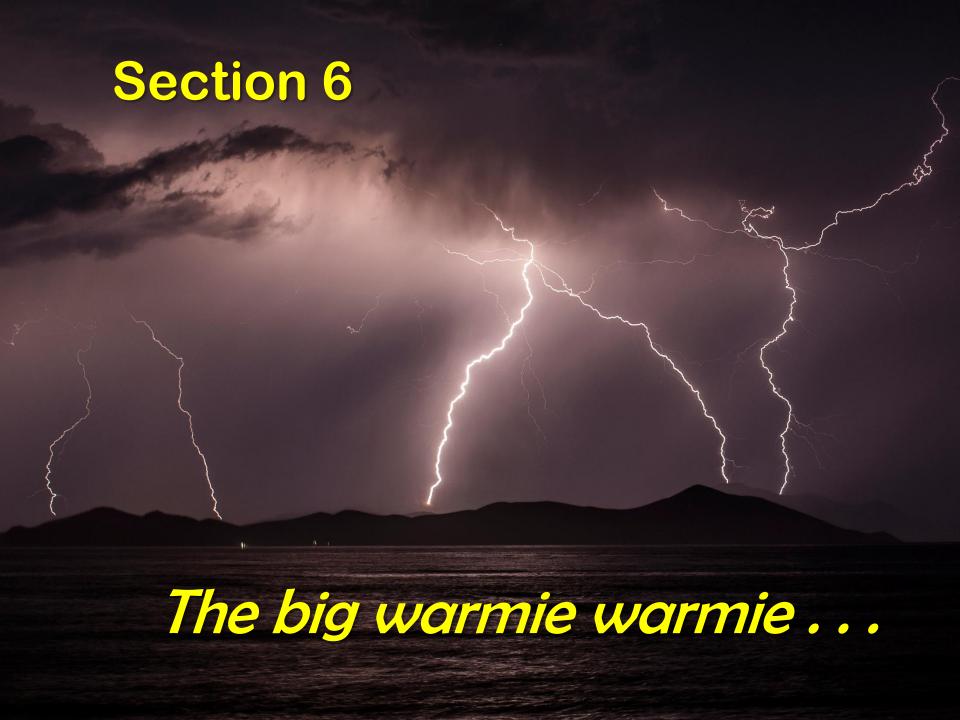
SCORE
Science 5
IPCC nil

Why the IPCC Climate Models are a JOKE - 2



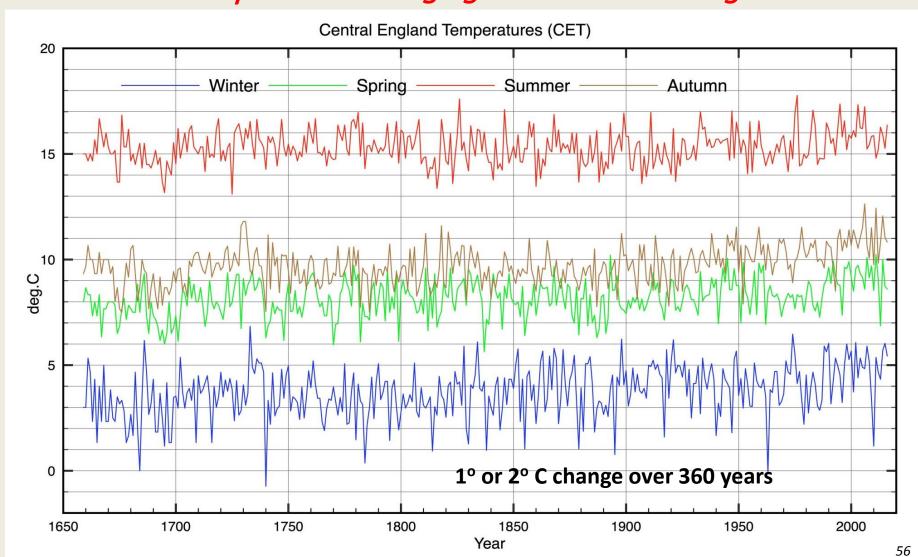
Why the IPCC Climate Models are a JOKE - 3





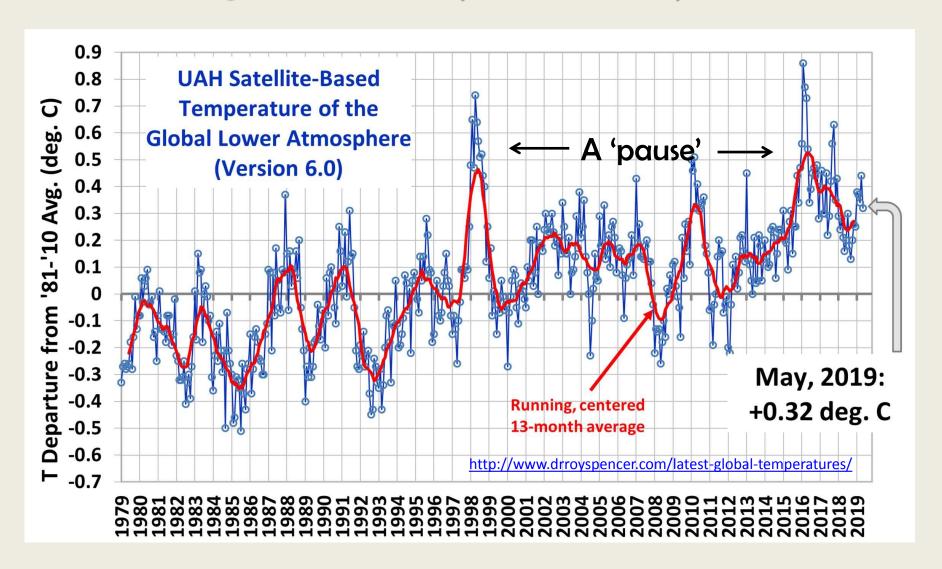
So just where is all this global warming?? We can expect some, but is it catastrophic?

The planet is emerging from the last ice age

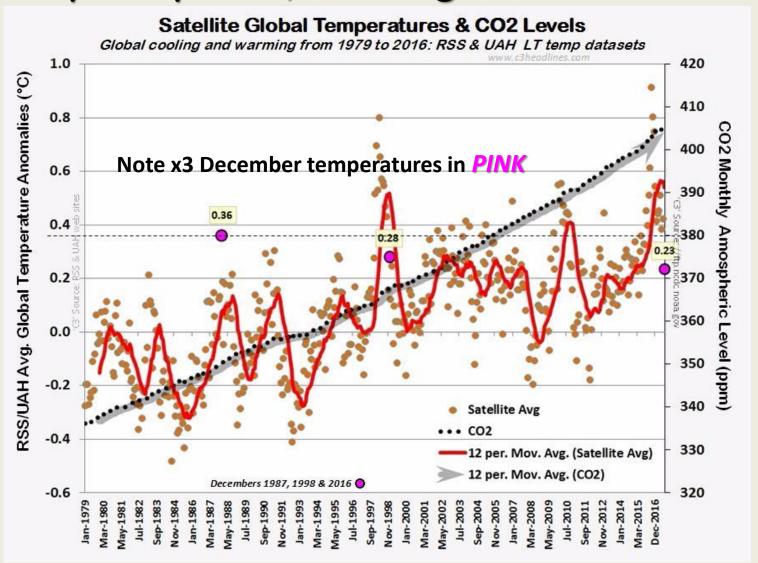


Satellite-based temperature trends 1979-2019

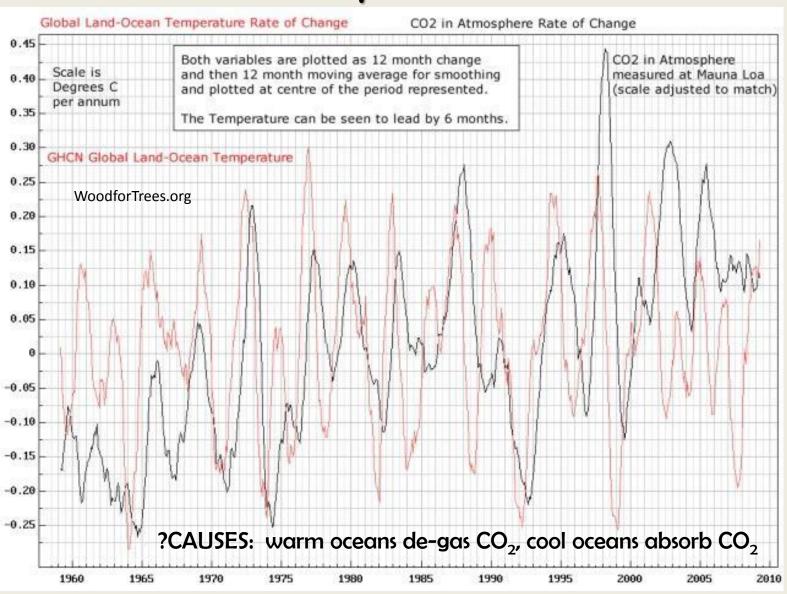
Weak warming trends with El Nino peaks, and even a 'pause' 2000-2014



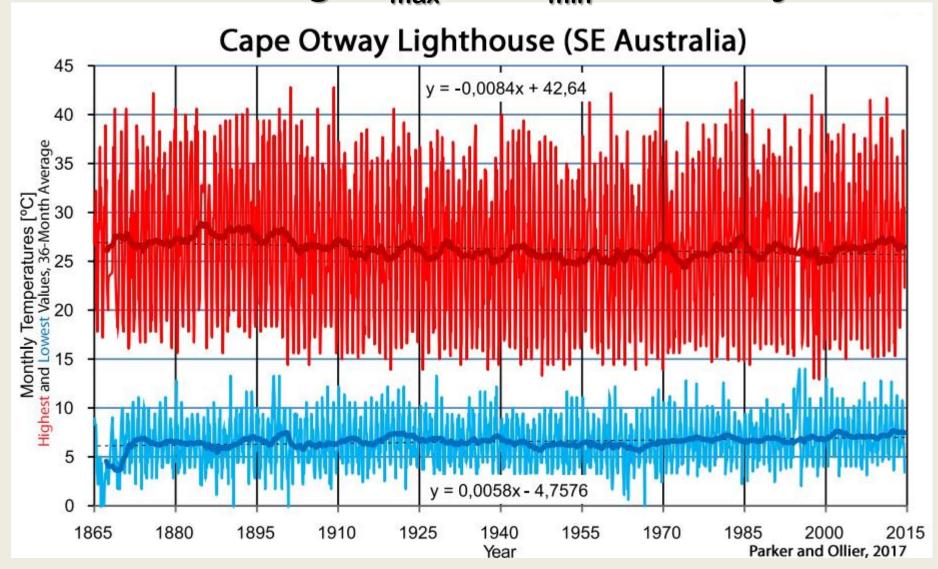
An older temperature graph with CO₂ levels superimposed, showing no correlation



There is also evidence that CO₂ FOLLOWS temperature rise or fall

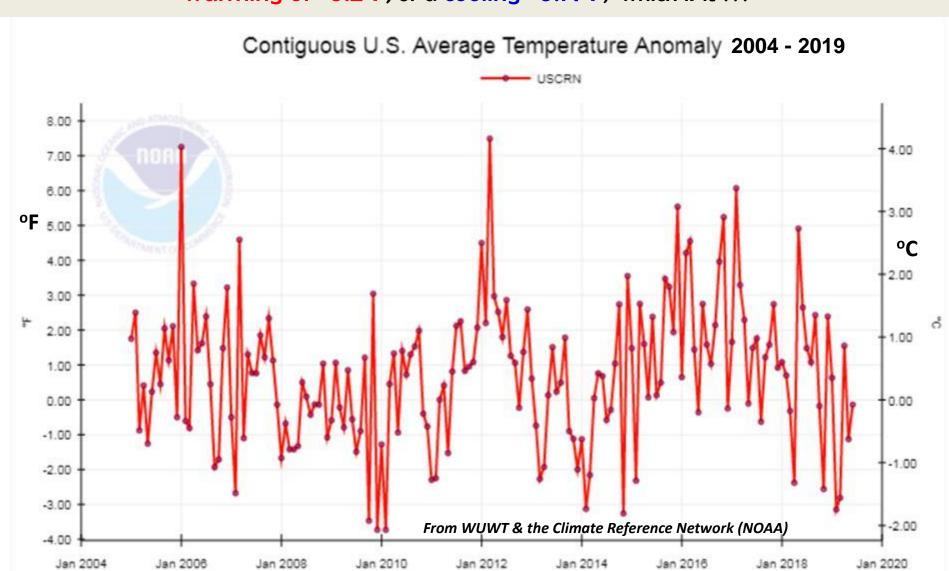


There is no hockey stick here at Cape Otway, near Geelong – T_{max} and T_{min} over 150 years



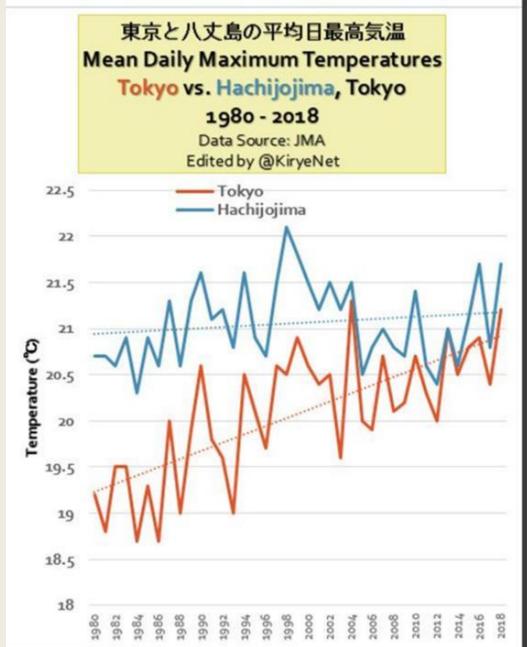
What hockey stick was that?

Within NOAA, one can get two readings for the same month e.g. June 2019, a warming of +0.2°F, or a cooling -0.14°F; which is it ???



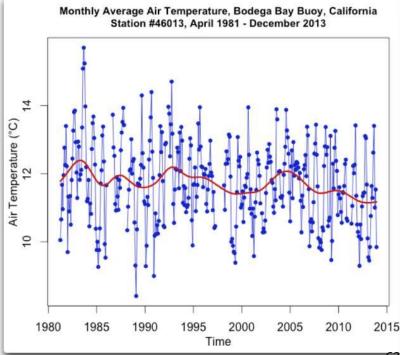
The Urban Heat Island Effect is a reality





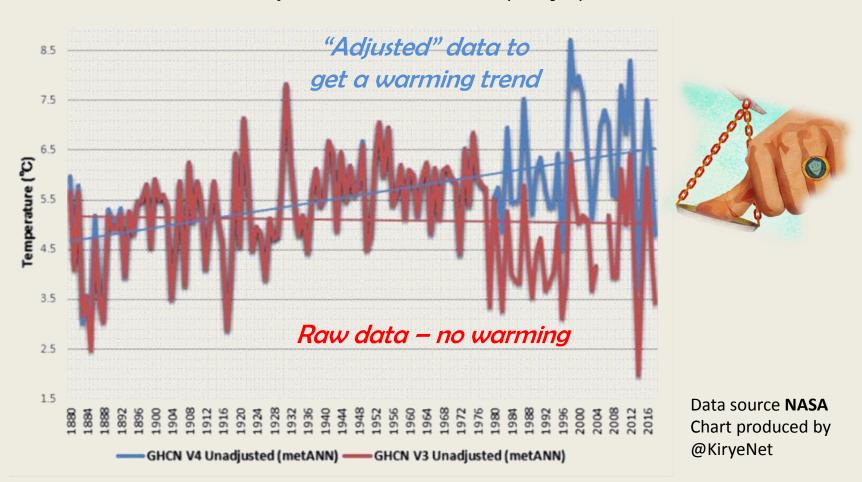
Tokyo city shows a warming trend, but the island shows only a slight warming trend.

Compare also the Bodega Bay record in offshore California – there is NO warming trend here.



And then there is government-sponsored fudging

Marquette, State of Michigan, USA Mean annual temperatures 1880-2018 (138 yrs)



How the misdirected 'science' of the IPCC disrupts economies around the world

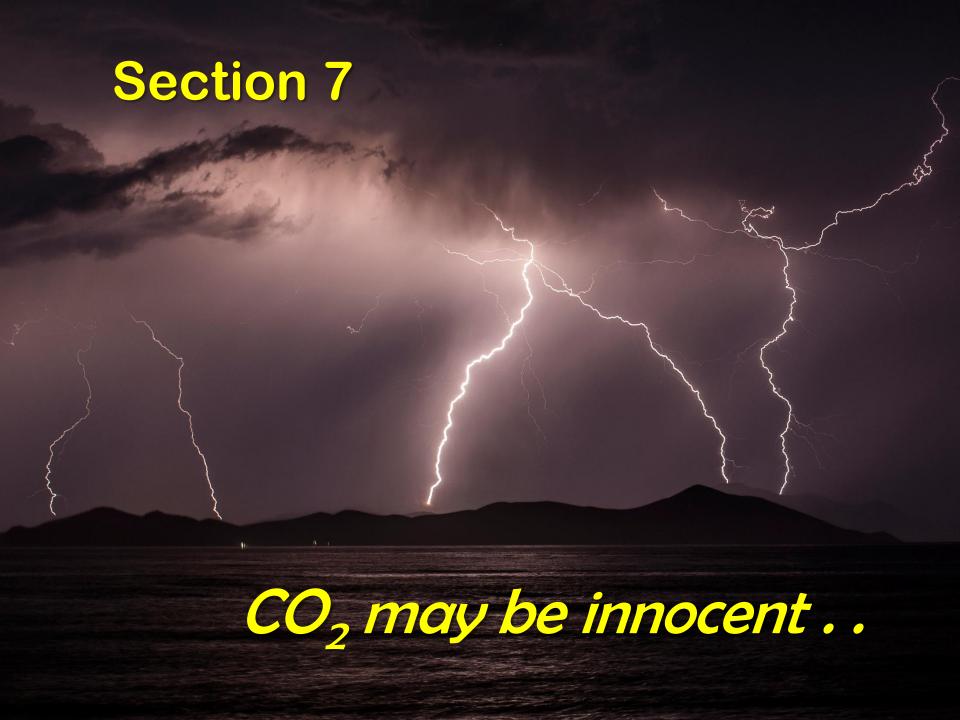
There are many many Temperature-Time graphs from around the world that show NO significant warming trends.

There appears to be NO substantial body of evidence that shows additional CO2 emissions cause any significant global warming above that necessary to make our planet liveable.

The IPCC peddles exaggerations and model-driven policies that are simply not supported by independent science. There are examples of good IPCC science that is discarded or buried in favour of political expediency.

The satanic treatment of CO2 emissions by the IPCC has produced dangerous, undesirable and unjustified intrusions into the economic well-being of many countries e.g. resistance to funding coal-fired power in poor African nations by the World Bank.

This is the blight of decarbonisation and renewable energy



If NOT CO₂, try CLOUDS – cloud cover cools you at the beach

IPCC: "Our models do not do clouds very well. . "



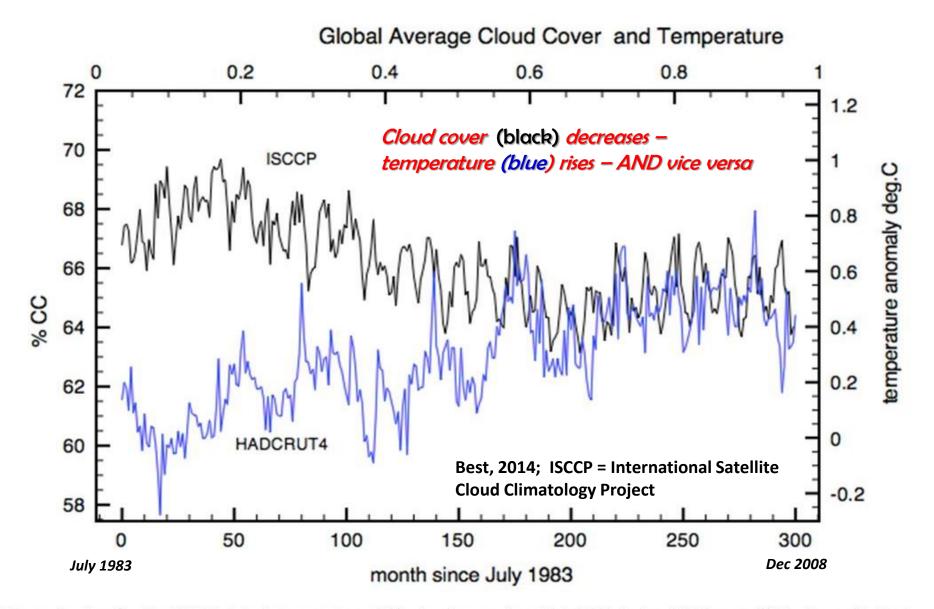
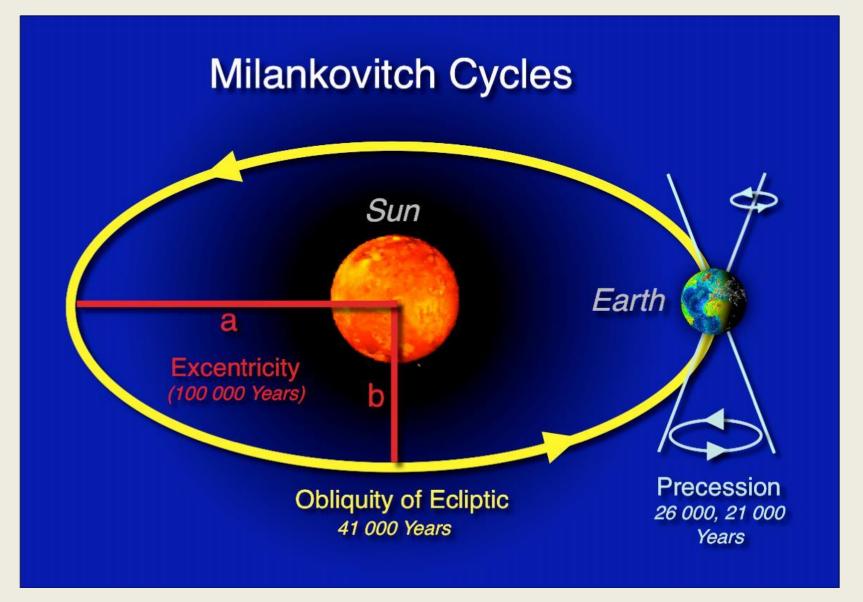


Figure 1a showing the ISCCP global averaged monthly cloud cover from July 1983 to Dec 2008 over-laid in blue with Hadcrut4 monthly anomaly data. The fall in cloud cover coincides with a rapid rise in temperatures from 1983-1999. Thereafter the temperature and cloud trends have both flattened. The CO2 forcing from 1998 to 2008 increases by a further ~0.3 W/m2 which is evidence that changes in clouds are not a direct feedback to CO2 forcing.

So what else might drive climate change, if not CO₂ emissions? Planetary wobbles?



Or major oceanic circulations?

warmer cooler -300ft -600ft

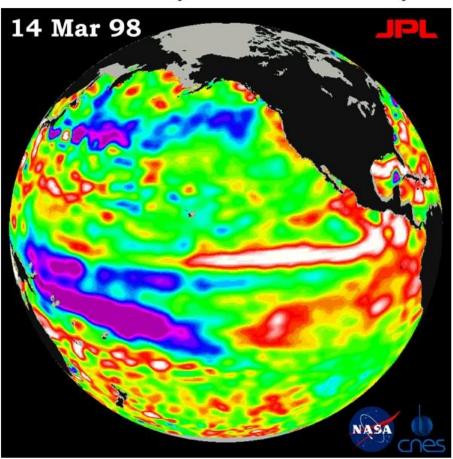
These are temperature profiles as measured by ocean buoys, 14 months apart at about the Equator, showing how massive volumes of water transfer heat across the *Pacific Ocean*

These are all part of the oceanic circulations that can form El Nino and La Nina events. NONE of these are related to CO2 emissions

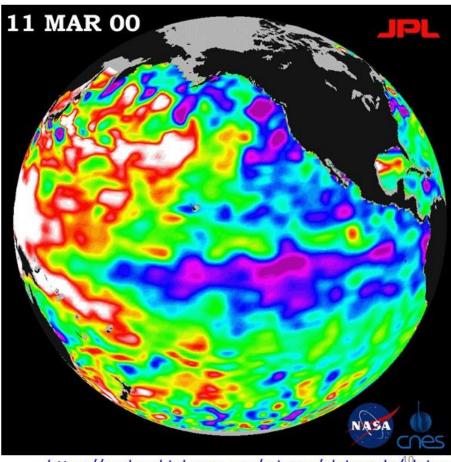
Toft - 300ft - 600ft

The El Nino and La Nina cycles, 1998 and 2000, and Ocean Temperatures

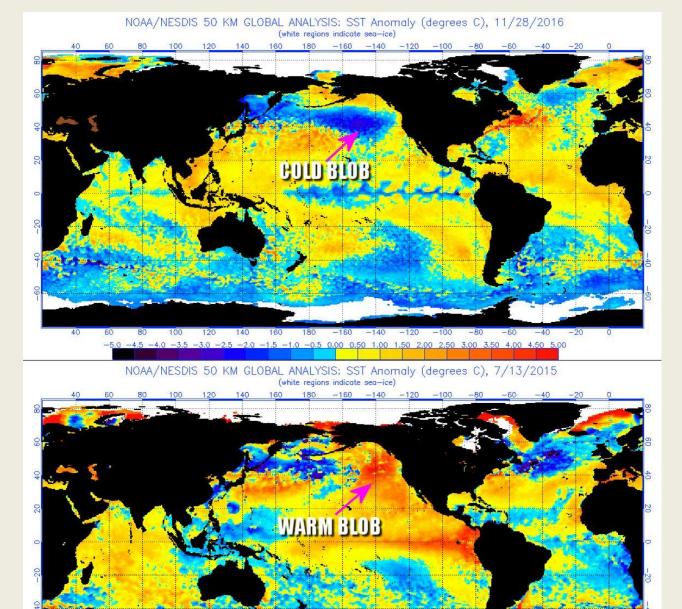
El Niño (White Is Warm)



La Niña (Purple Is Cool)



https://sealevel.jpl.nasa.gov/science/elninopdo/elnino/

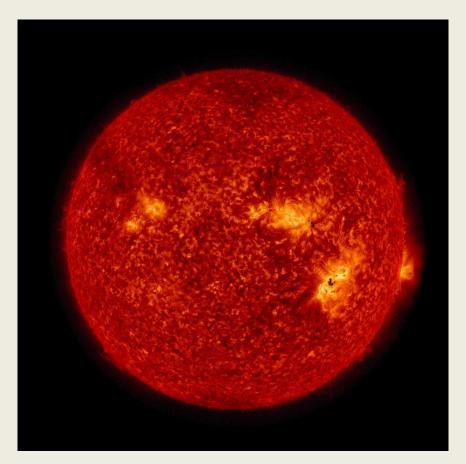


Warm and cold 'blobs' developing in the Pacific Ocean at different times and places are major determinants for weather and climate in areas like the west coast of north America and California.

CO₂ emissions have nothing to do with it.

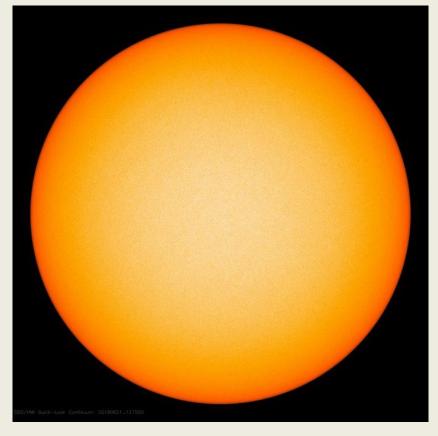
And then there are sunspots

NASA say that a quiet sun dramatically cools the upper atmosphere

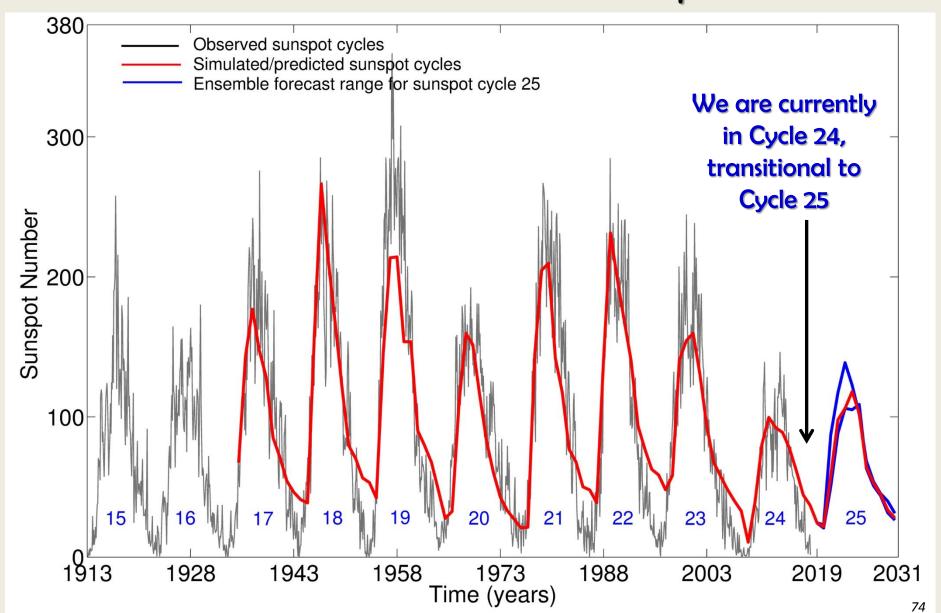


An active sun, with many sunspots

A quiet sun, with no sunspots (March 2019)



The counting of sunspots dates from 1600 approx – the invention of the telescope



Low sunspot numbers and a cool sun equate historically to cooler climate e.g the Maunder minimum

THE SUN DEFINES THE CLIMATE

Habibullo Abdussamatov, Dr. Sc. 2012

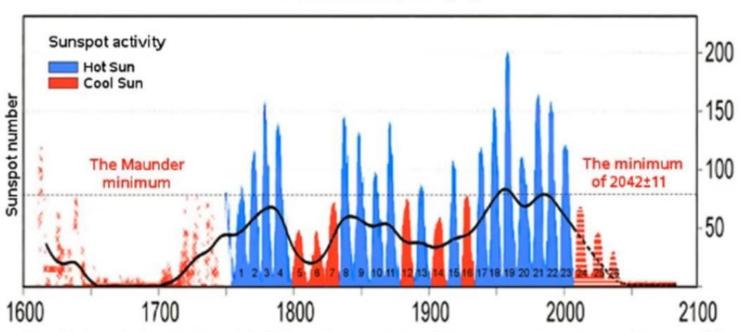


Fig. 3. Variation in the TSI drawing on the data reconstruction of Lean, J.L. (2000) and Wang Y. - M., Lean J.L., Sheeley N.R. (2005) up to 1978, sunspot activity of the Sun from 1611, and changes forecast by us after 2008 (dotted lines).

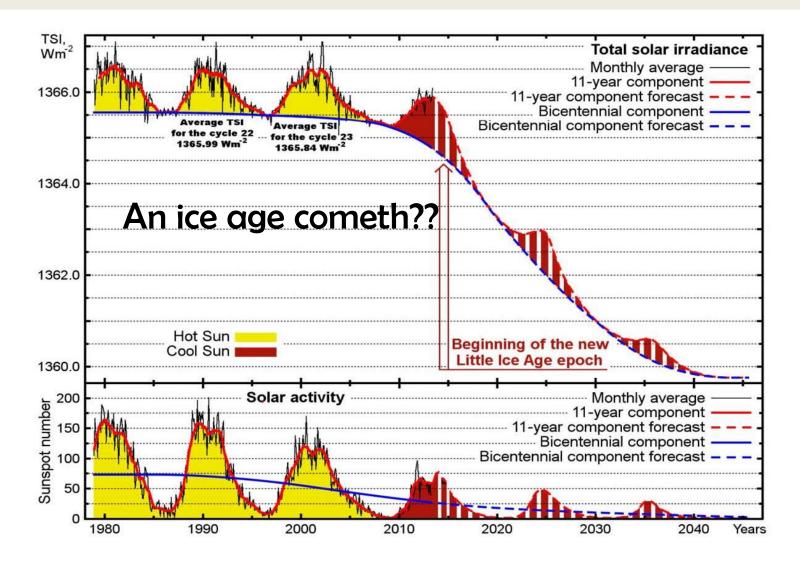


Figure 1. Cyclic variations of the TSI (data are taken from [14]) and sunspot number (data are taken from [15]) are synchronized and inter-correlated in both phase and amplitude (the hot Sun is marked by (yellow) gray and the cool Sun is marked by (red) black). The arrow indicates the beginning of the new Little Ice Age epoch.





Antonio Guterres Secretary General of the UN

'Time' cover 2019

Sadly, just another UN climate propagandist trying to scare you, like



78

The Maldives president went after YOUR money in 2009 'send me money to stop the sea levels rising.."

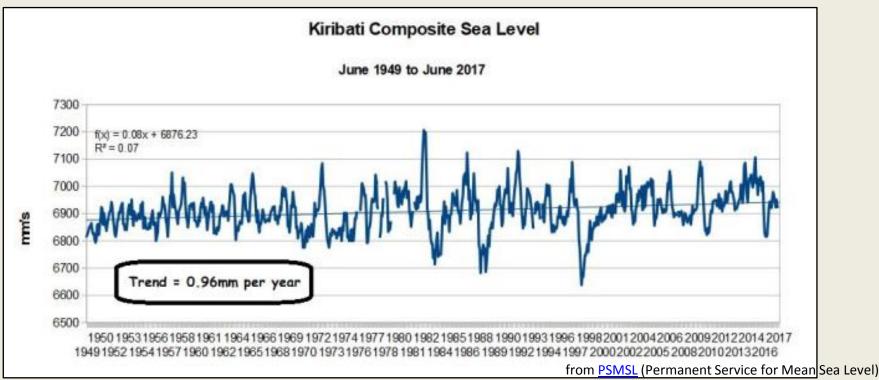




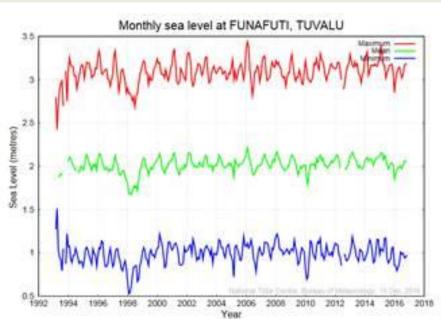
MONTHLY MEAN SEA LEVELS TO JUNE 2010 (m) The zero line represents an arbitrary fixed offset from the zero of the tide gauge. Federated States of Micronesia Papua New Guinea Solomon Islands Nauru 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010

The Pacific Island nations peddle the same victimhood, but tide gauge data say otherwise, at least to 2010...

http://joannenova.com.au/2010/08/south-pacific-sea-levels-no-rise-since-1993/



And the scare is no more convincing for Tuvalu and Kiribati – there is NO PROBLEM related

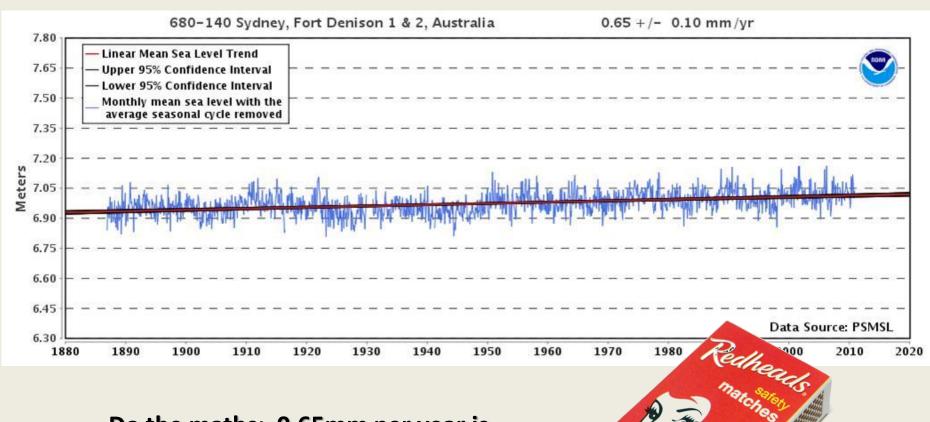


to rising Sea Levels!!

And closer to home at Fort Denison . . .



The Fort Denison (Sydney) tide gauge since 1886



Do the maths: 0.65mm per year is 65mm per century – a rise of about the height of a matchbox - over 100 years

100 years of Mean Sea Levels at Fort Denison

Daniel Fitzhenry-Hydrographic Surveyor, 2019

1914 – 1.11 metres

1924 - 0.98 metres

1934 - 0.98 metres

1944 - 0.97 metres

1954 - 1.00 metres

1964 - 1.09 metres

1974 - 1.09 metres

1984 - 1.02 metres

1994 - 1.04 metres

2004 - 1.08 metres

2014 - 1.12 metres

2019 – 1.05 metres

The Fort Denison Mean Sea Level data are also recorded by BOM.

In 105 years, this data set shows a FALL of 6cm in the period



Clover Moore and her recent 'Sydney climate emergency' is peak stupidity

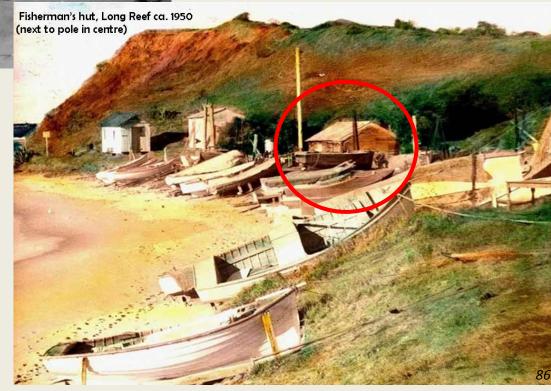
Cross the Spit Bridge and head to Collaroy. . .



Fisherman's hut, built 1875, shown here in 1936

And here in 1950

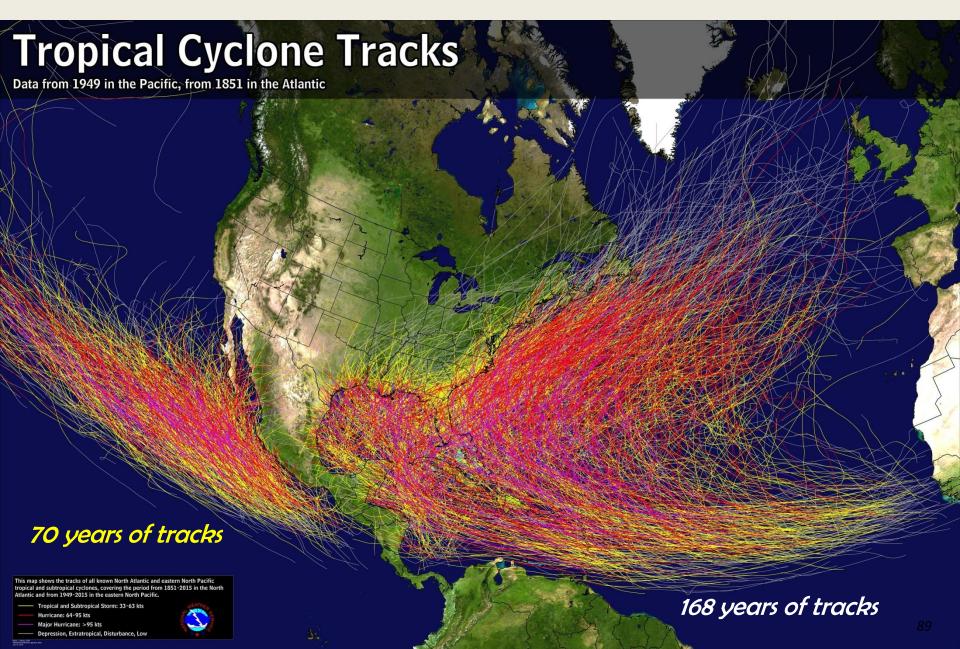
The hut appears untouched by any sea level change for the past 144 years



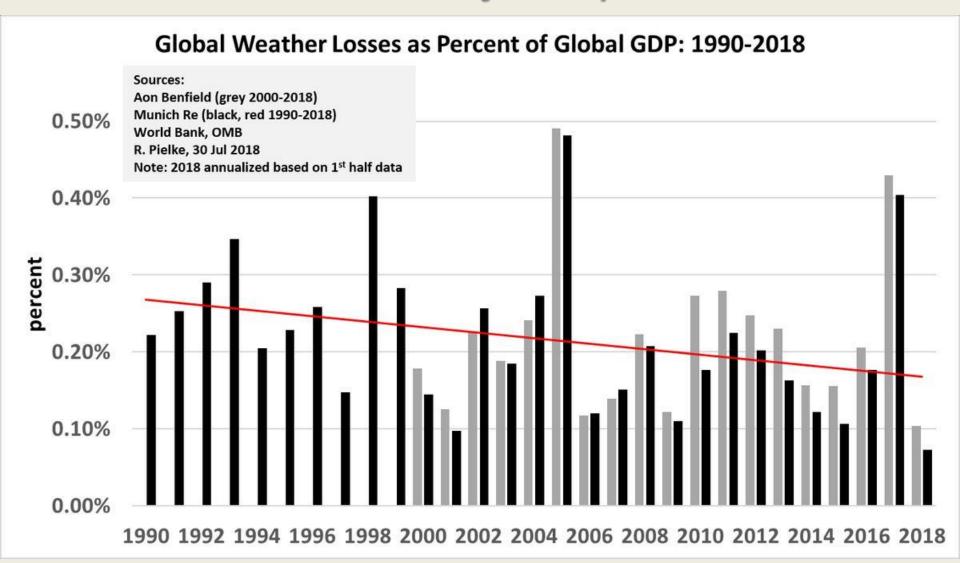




Which ones were caused by 'global warming'??

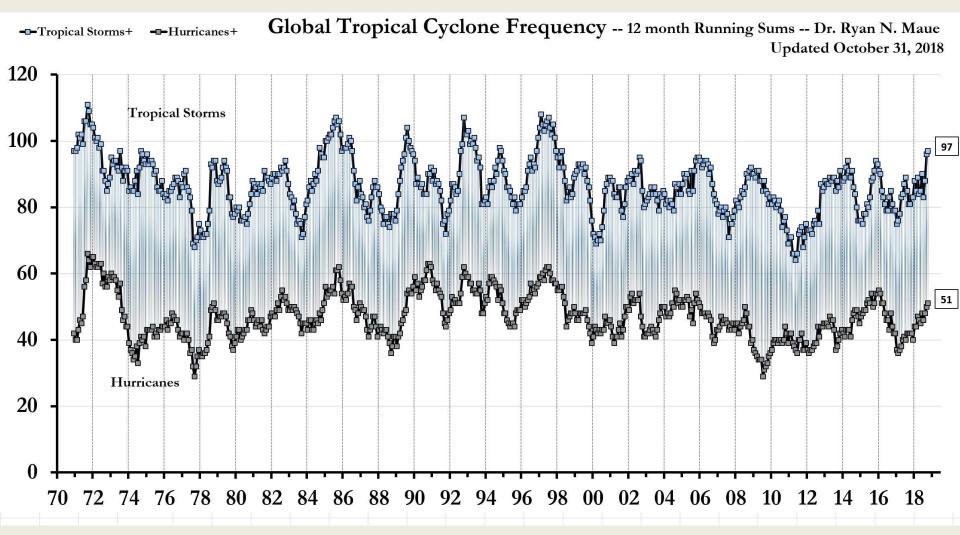


Insurers will always complain...



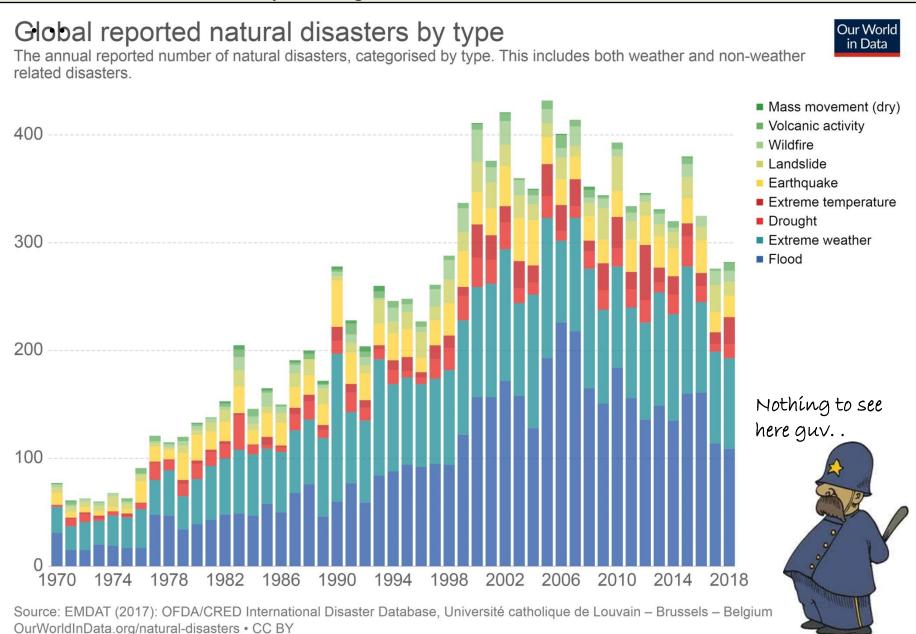
But neglect to mention urbanisation, population increase, more possessions etc etc

And tropical cyclones have no relation to CO₂



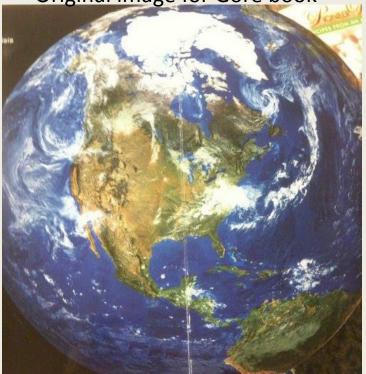
Not even "BARRY" - New Orleans July 2019

Overall, the frequency of natural disasters is FALLING. .



Al Gore spins lies and exaggerations and can't use Photoshop properly

Original image for Gore book



Arctic ice gone, Florida drowned, and hurricanes spinning the *WRONG WAY!*!

Gore's SCARY cover – more hurricanes, Greenland melting, rising sea levels, less greenery



Section 10 Some conclusions . . .

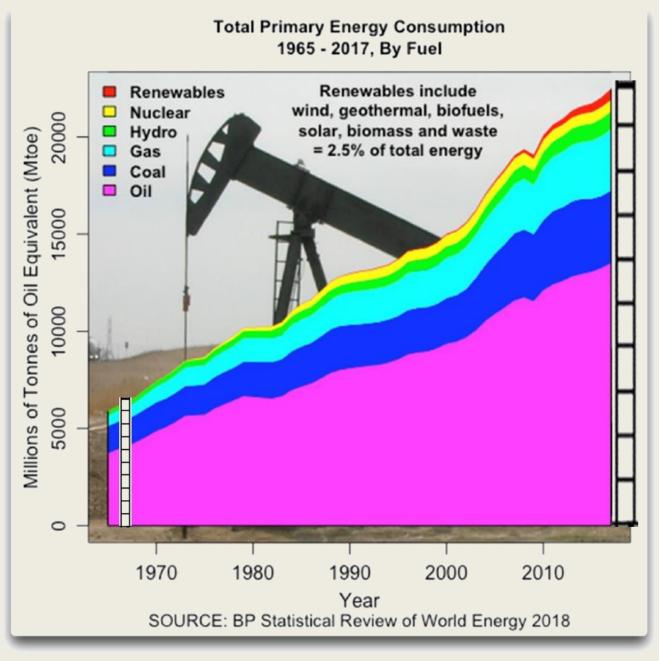


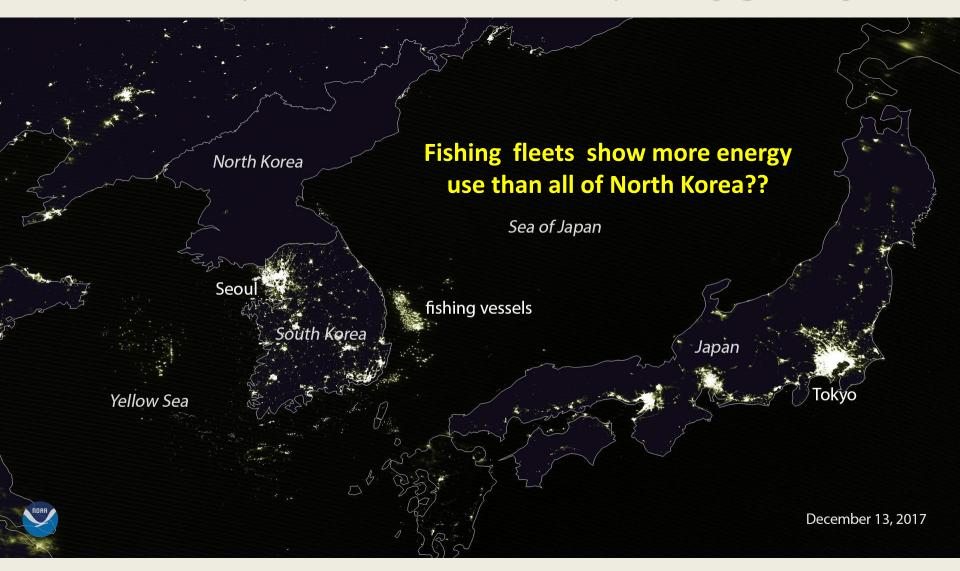
Figure 1: Global Total Primary Energy Consumption, 1965-2017

World Energy
demand is not
declining; after
spending \$\$trillions
on renewable
energy, it constitutes
only 2.5% of energy
consumed

HYDROCARBONS –
OIL, NATURAL GAS
AND COAL – ARE THE
WORLD'S PRINCIPAL
ENERGY RESOURCE
TODAY, AND WILL
CONTINUE TO BE IN
THE FORESEEABLE
FUTURE.

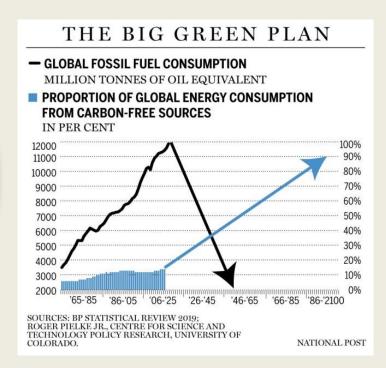
Mark Mills, Manhattan Institute, March 2019

The reality is that cheap and reliable power is a key to economic power and reduction of poverty globally



"I don't remember what year the Cold War was, but I know it was in the winter. . ."

The "ZEROISTAS"



Alexandria Ocasio
Cortez - her Green New
Deal is simply a green
suicide note - the
'Sovietisation of
the US economy'

And at the G20, June 2019 -

'It doesn't always work with windmills, Theresa"



A "ZEROISTA"

And the "Fracker"

And some FINAL THOUGHTS...

There is NO demonstrable science that says carbon dioxide causes any dangerous global warming. Repeat often !!!

Carbon dioxide is your friend, not your enemy. It is essential plant food and is greening the planet. Embrace it, not demonise it, and keep planting trees.

We can alleviate poverty and protect the poor from the (supposed) ravages of climate change by making them middle class – and that takes ENERGY.

Cheap energy ultimately determines the wealth and economic power of a nation. Only wealthy nations can successfully ADAPT to natural disasters which will always be with us – earthquakes, fires, floods, droughts.

Nothing to see here Guv, move along . . .

Thank you



