Get out of Paris and renewables and save our economy

David Archibald February, 2019

Why would he say this?

Brazil's new foreign minister believes climate change is a Marxist plot

Guardian newspaper 16th November, 2018

Because the Marxists doing the plotting have been saying the same thing. In their own words:

Maurice Strong, organiser of the first UN climate summit, 1992:

"We may get to the point where the only way of saving the world will be for industrialized civilization to collapse."

US Senator Tim Worth, 1992:

"We have got to ride the global warming issue. Even if the theory of global warming is wrong, we will be doing the right thing in terms of economic policy and environmental policy."

Richard Benedick, US State Department, 1992:

"A global warming treaty must be implemented even if there is no scientific evidence to back the greenhouse effect."

There's plenty more:

Christine Stewart, Canadian Minister of the Environment, 1988: "No matter if the science of global warming is all phony...climate change the greatest opportunity to bring about justice and equality in the world."

Mikhail Gorbachev, former chief communist of the planet, 1996: "The threat of environmental crisis will be the international disaster key to unlock the New World Order."

Jacques Chirac, former president of France, 2000:

"For the first time, humanity is instituting a genuine instrument of global governance, one that should find a place within the World Environmental Organization which France and the European Union would like to see established."

Yet more:

Ottmar Edenhofer, IPCC official, 2010:

"...one has to free oneself from the illusion that international climate policy is environmental policy. Instead, climate change policy is about how we redistribute de facto the world's wealth."

Stephen Schneider, lead author of IPCC reports:

So we have to offer up scary scenarios, make simplified, dramatic statements, and make little mention of the doubts we might have. Each of us has to decide what the right balance is between being effective and being honest."

Kevin Trenberth, lead author of IPCC reports:

"None of the models used by the IPCC are initialized to the observed state and none of the climate states in the models correspond even remotely to the current observed state."

Still more:

Tom Wigley, National Center for Atmospheric Research, to Michael Mann:

"Mike, the Figure you sent is very deceptive ... there have been a number of dishonest presentations of model results by individual authors and by IPCC ..."

Tim Wills, Swansea University, 2007:

"What if climate change appears to be just mainly a multi-decadal natural fluctuation? They'll kill us probably..."

None of these people have died yet for what they have done – only little old ladies in Australia who can't afford heating in winter.

Everybody wants to rule the World

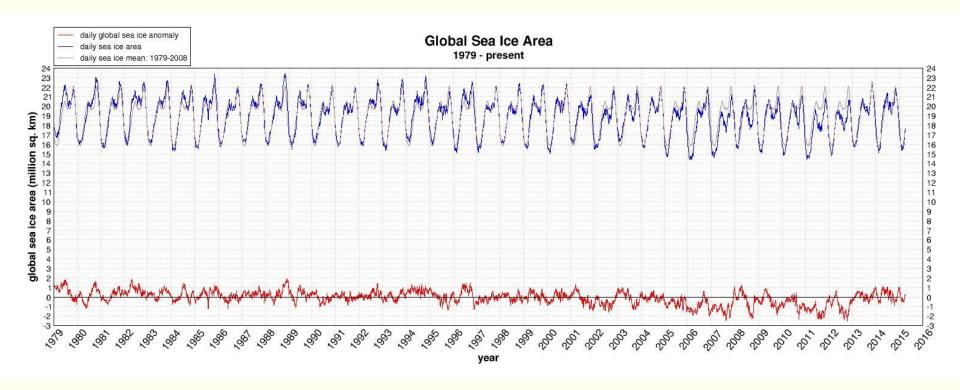


The dominatrix is on the right in this photo, but far left politically.

Former head of the UNFCCC, Christiana Figueres:

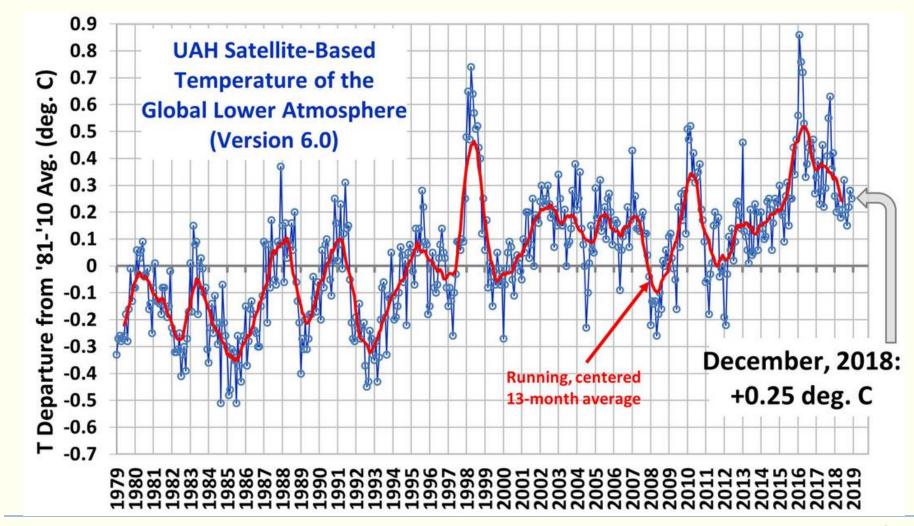
The December 2015 climate treaty in Paris will be "a centralised transformation" that "is going to make the life of everyone on the planet very different".

Has the world warmed?

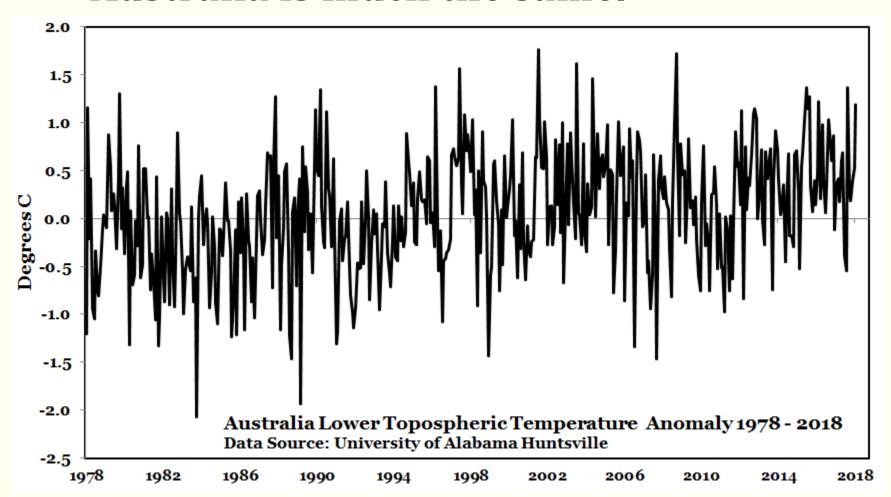


Global sea ice area is the same as it was 35 years ago.

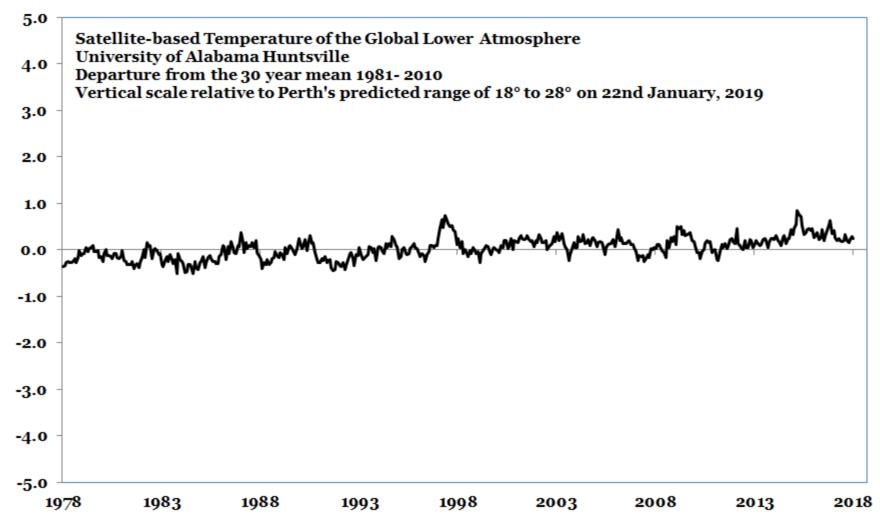
The atmosphere hasn't warmed either.



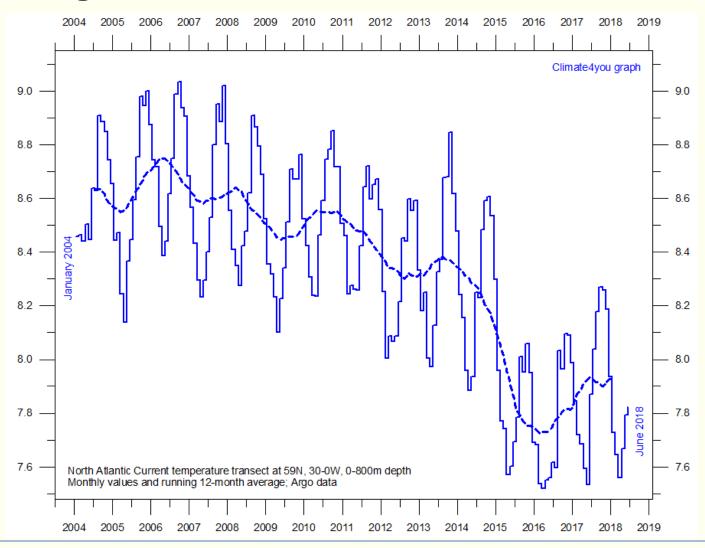
Australia is much the same.



Global warming as a lived experience.

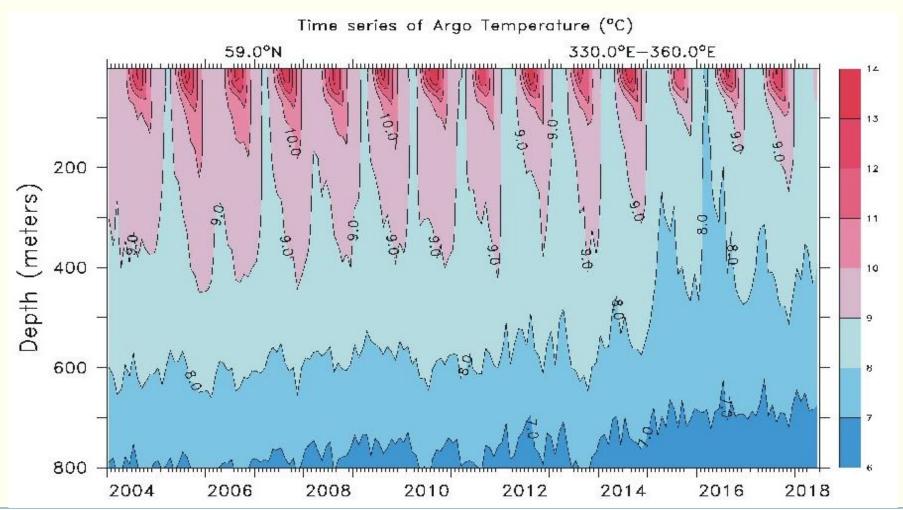


Cooling of the North Atlantic Current started in 2006.



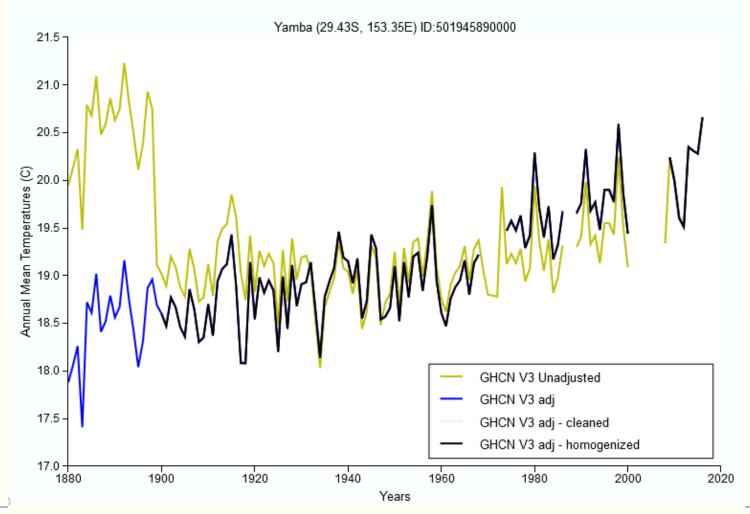
The oceans have 300 times the mass of the atmosphere.

Rapid Cooling – the 8.0°C line was at 600 metres, now at 400 metres.



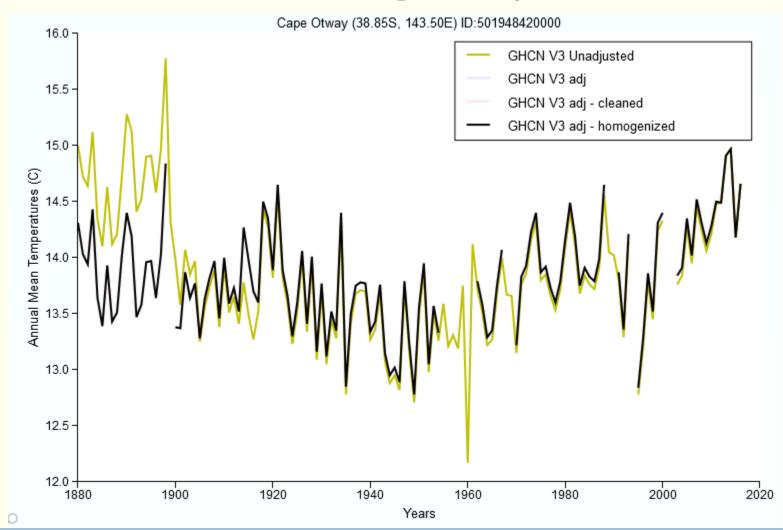
From: www.climate4you.com

Yamba not yet back to the temperature it was 120 years ago.

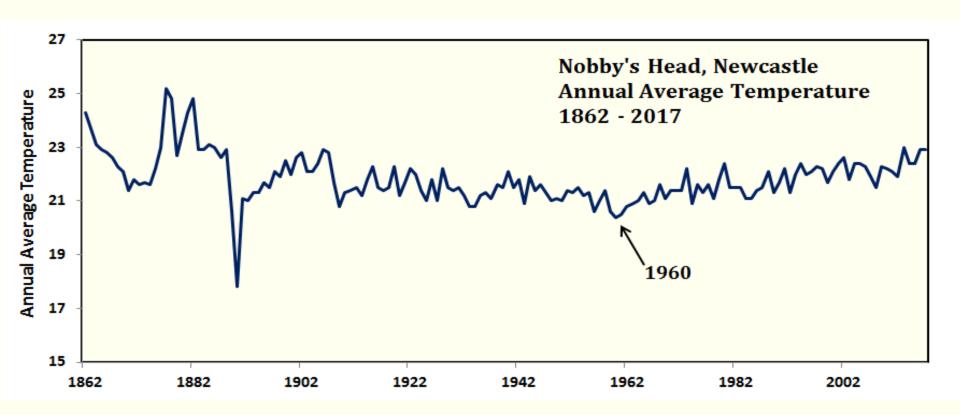


NASA record - to create global warming, make the past colder.

Same for Cape Otway.

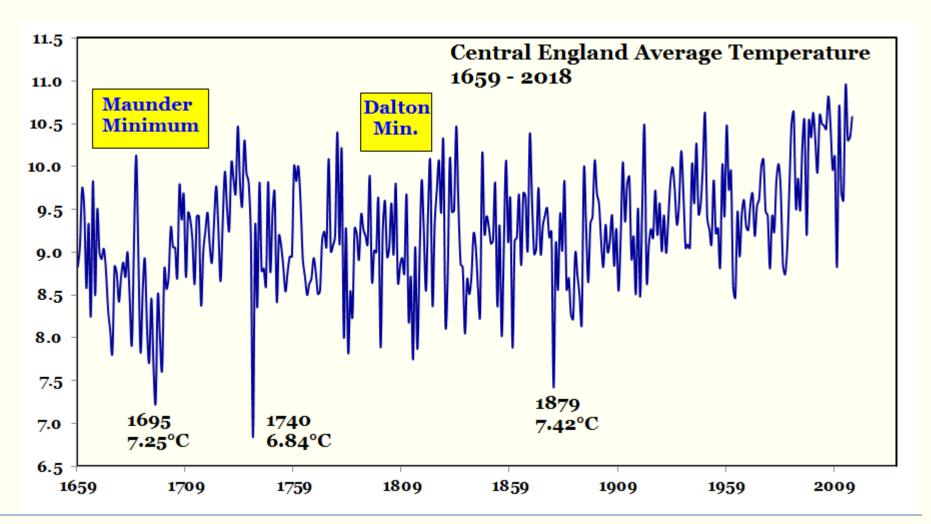


The Hunter Valley missed out on global warming.



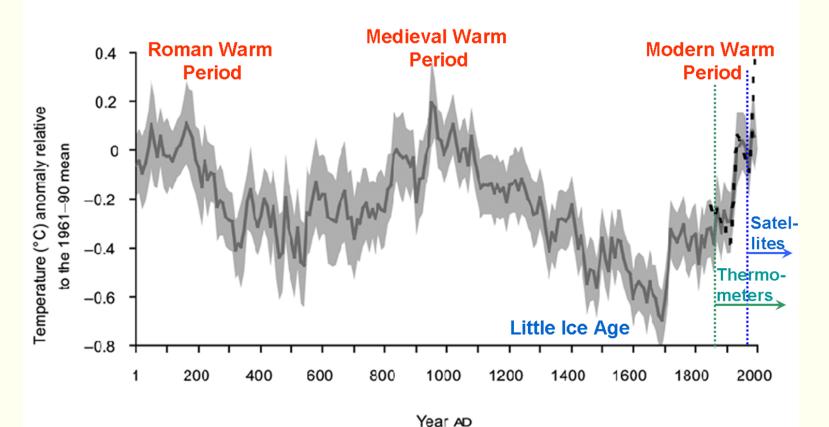
After falling for a century up to 1960, annual average temperature has risen back to what it was at Federation.

The longest thermometer record on the planet



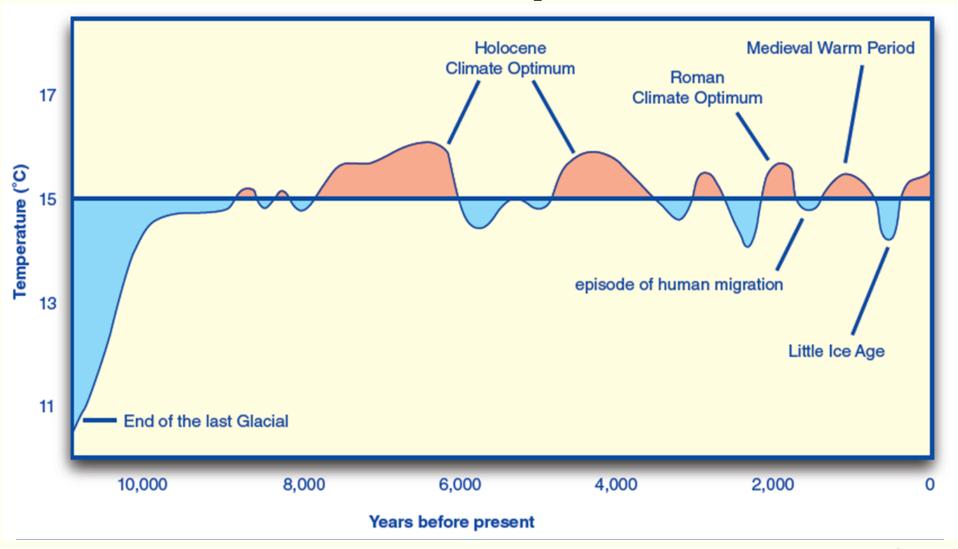
Only a fraction warmer than the early 18th century.

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

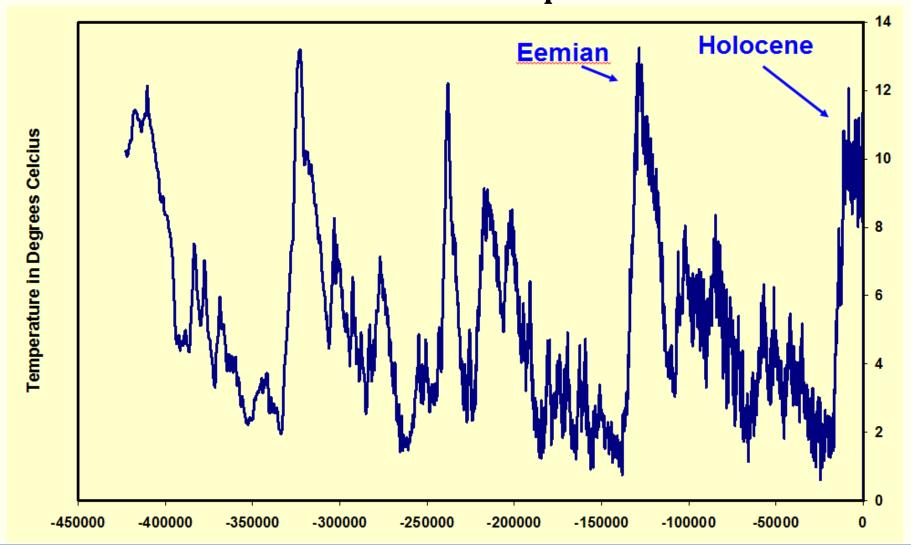


*Ljungqvist, F.C. 2010. A new reconstruction of temperature variability in the extra-tropical Northern Hemisphere during the last two millennia. Geografiska Annaler: Physical Geography, Vol. 92 A(3), pp. 339-351, September 2010. DOI: 10.1111/j.1468-0459.2010.00399.x

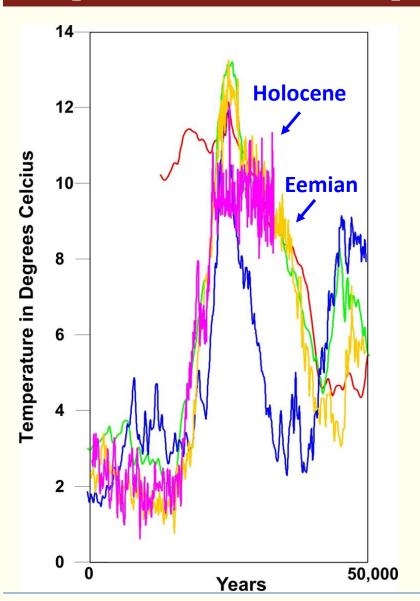
The Holocene Optimum



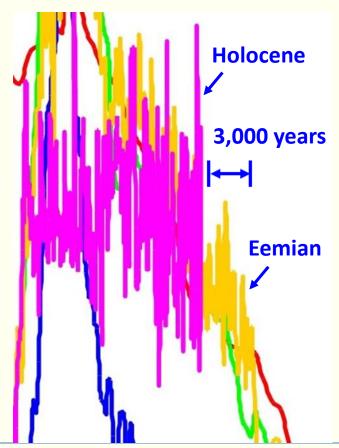
Vostok Ice Core Temperature



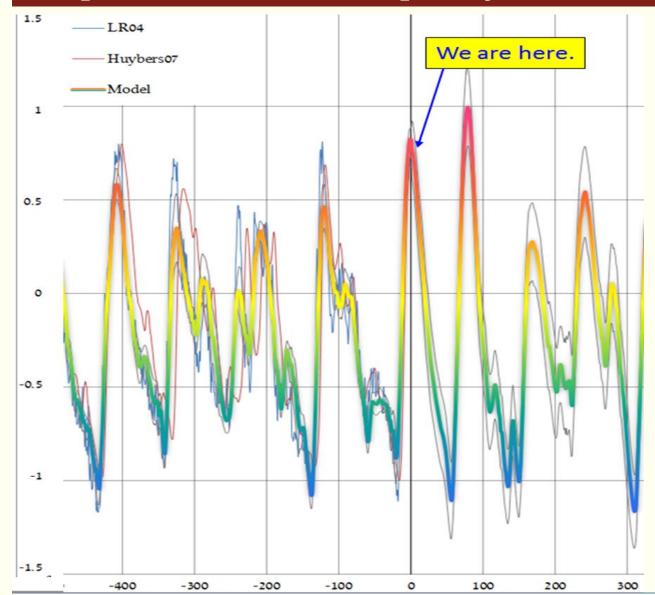
We live in a special time that is only 10% of the time.



Vostok Interglacials Superimposed and aligned on Peak Temperature



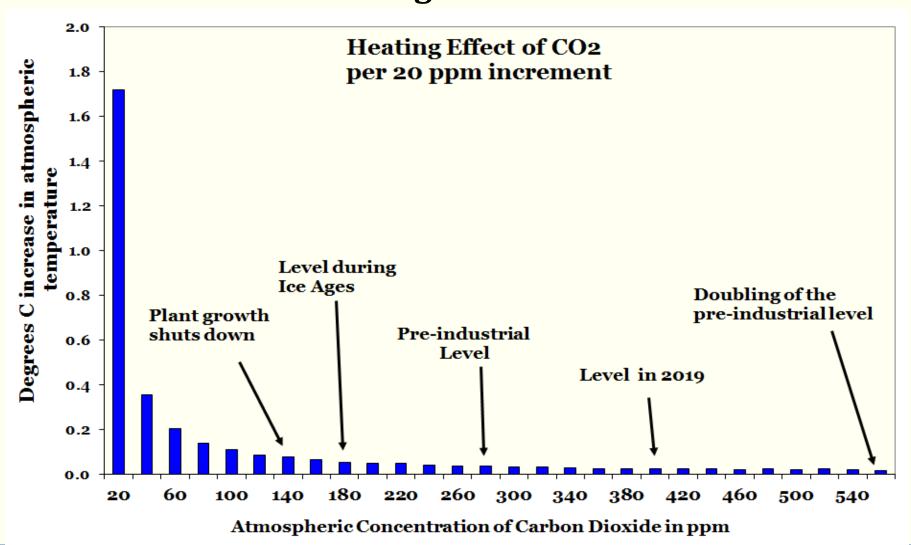
3,000 years max. is what we have left.



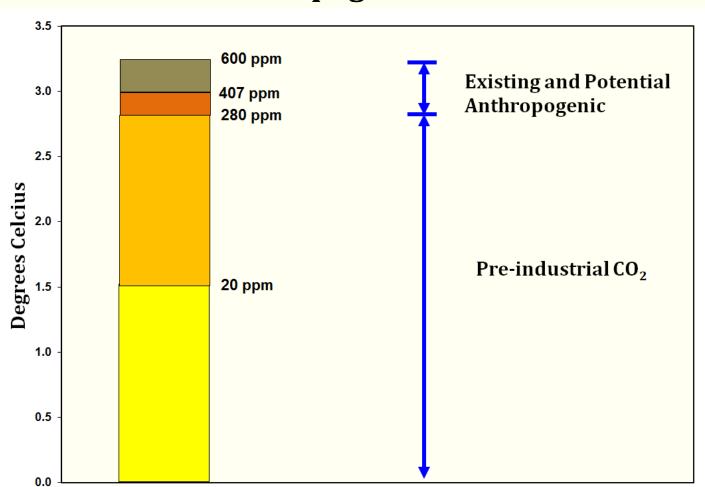
The next glacial period will be fully developed in 55,000 years.

3,200 human generations until the next interglacial.

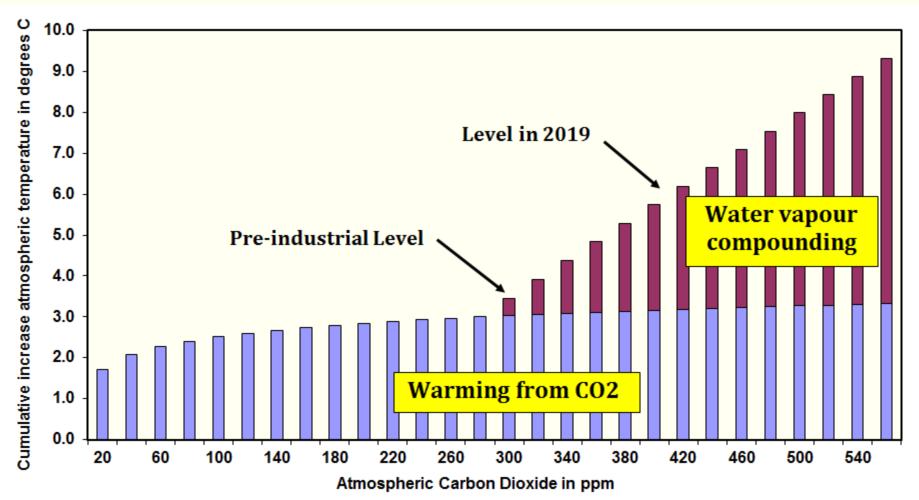
Is warming linked to CO2?



Relative Contributions of Pre-Industrial and Anthropogenic CO2



Belief in global warming requires a big leap of faith and the abandonment of logic and reason.



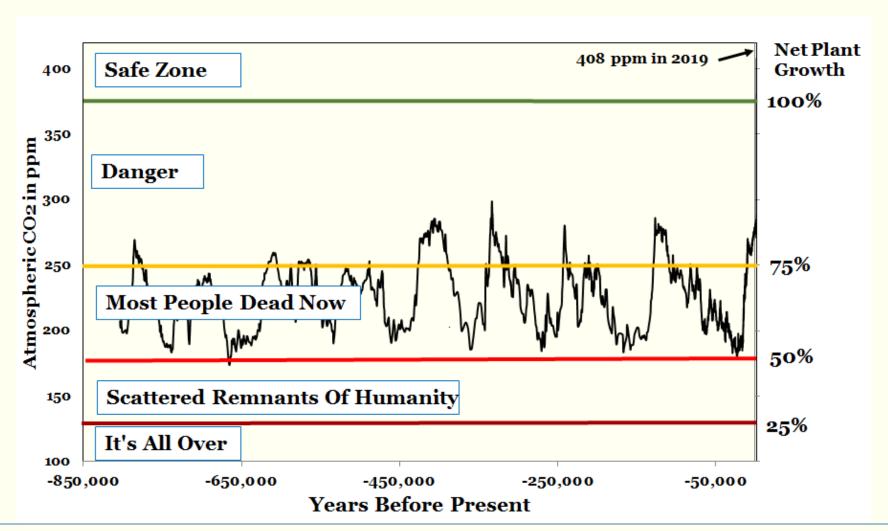
The carbon dioxide content of the atmosphere got dangerously low.

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

"We found evidence for severe and sustained carbon starvation in glacial Juniperus trees at La Brea."

Anthropogenic carbon dioxide has made us much safer.



Grain yields are going up at 0.6% per annum.

That happens in commercial greenhouses every day of the week.

From the ad for the Johnson CO2generator:

Nightime levels in a greenhouse range from 400 to 500 ppm due to plant respiration.

Shortly after sunrise this level will drop to normal atmosphere (300 ppm) due to the plant using the early light to start photosynthesis.

After 3 to 4 hours of early morning sunlight the CO2 level can drop to around loo to 150 ppm, then growth is practically stopped.

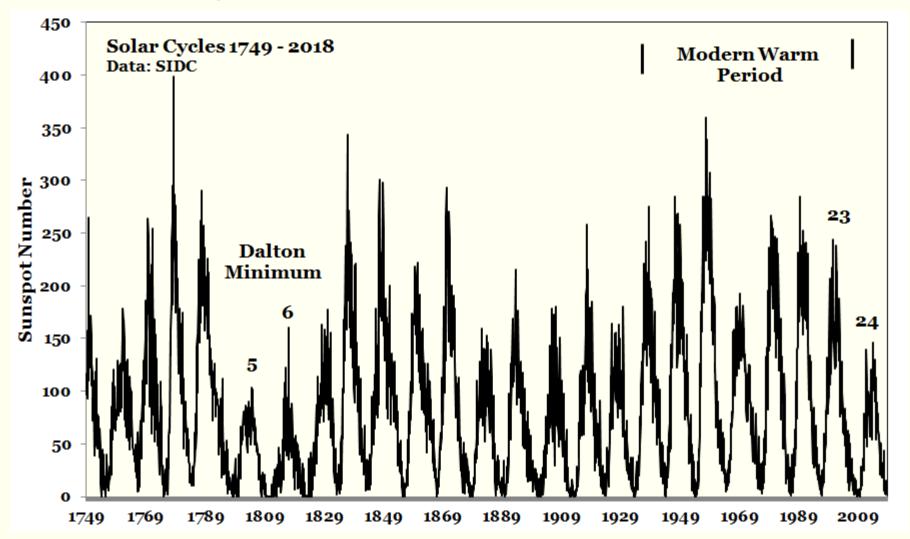
Supplemental CO2 added during this period can substantially increase your plant and flower production.



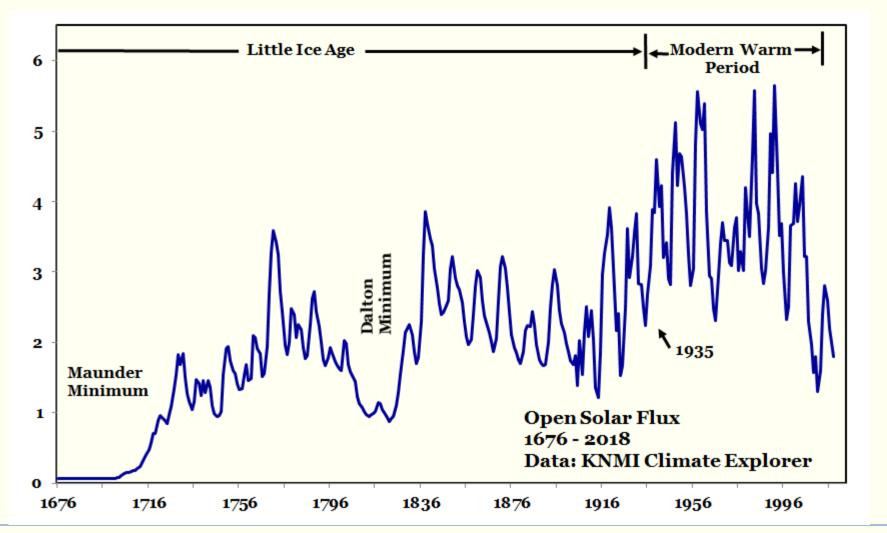
Global warming is wishful thinking at best:

- 1. It can't happen in theory.
- 2. There is no evidence for it in the climate record.
- 3. All the evidence says that the more carbon dioxide in the atmosphere, the better.

Is there a more logical reason for the temperature rise of the 20th century?

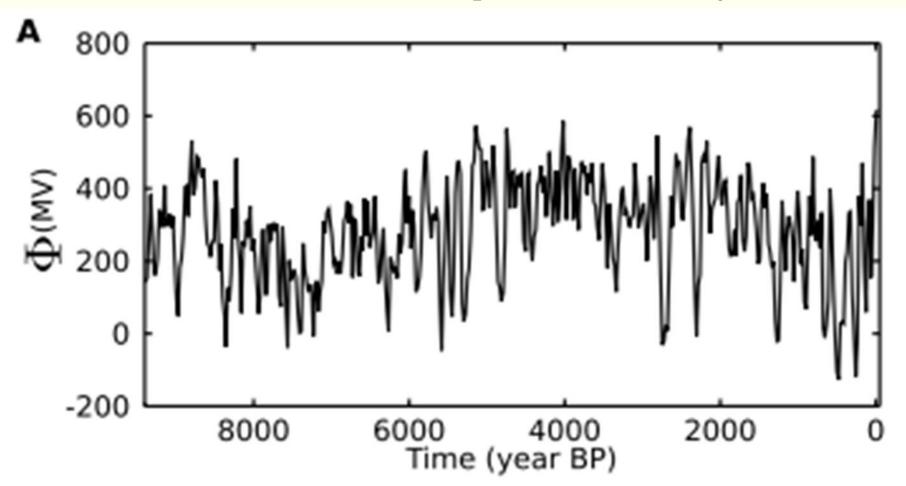


The rise in solar activity in the second half of the 20th century.



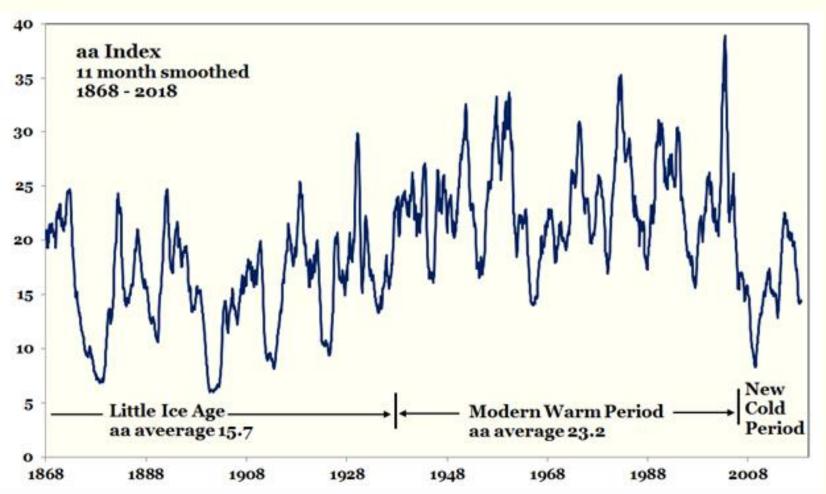
Is the cause of most of the warming that happened.

The Sun was more active in the second half of the 20th century than it had been in the previous 10,000 years.

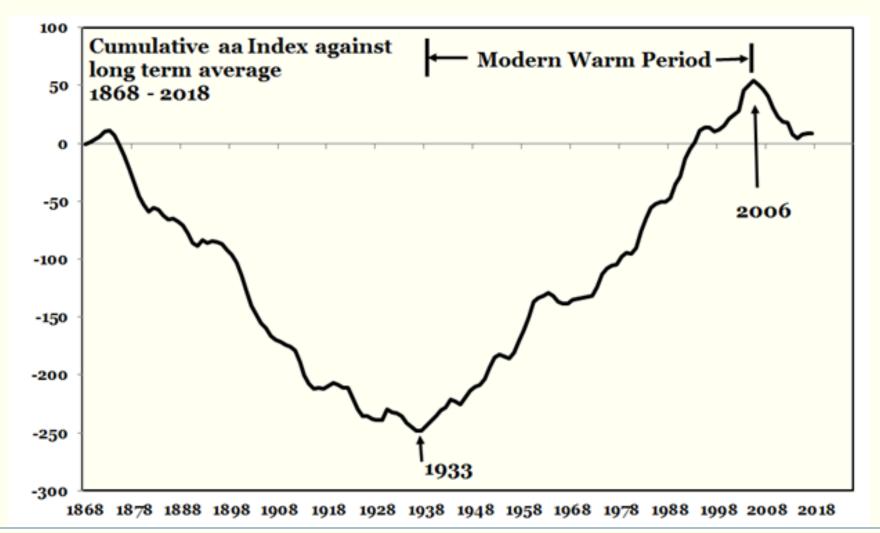


It is solar radiation that stops the Earth from looking like Pluto and the level changes.

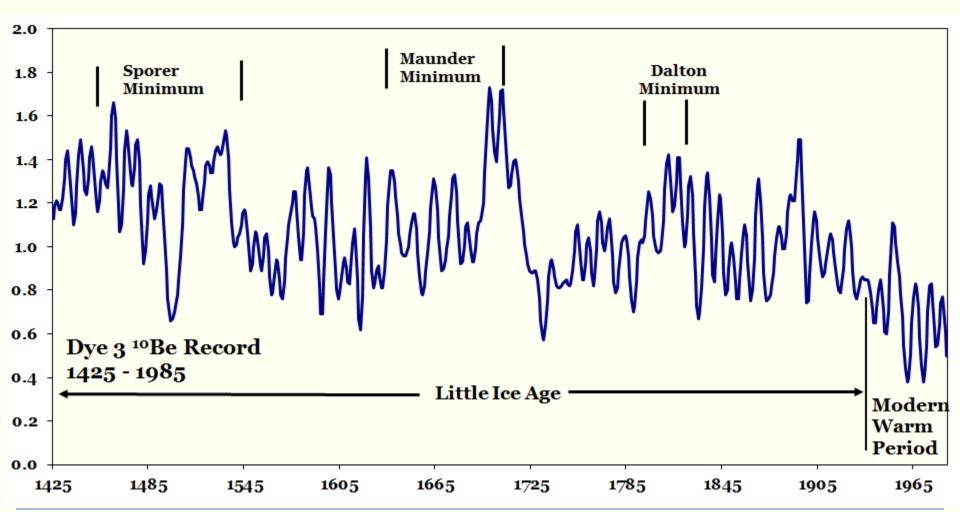
More specifically, changing climate is explained by the Sun's changing magnetic flux.



Cumulative aa Index against the long term average 1868 – 2018.

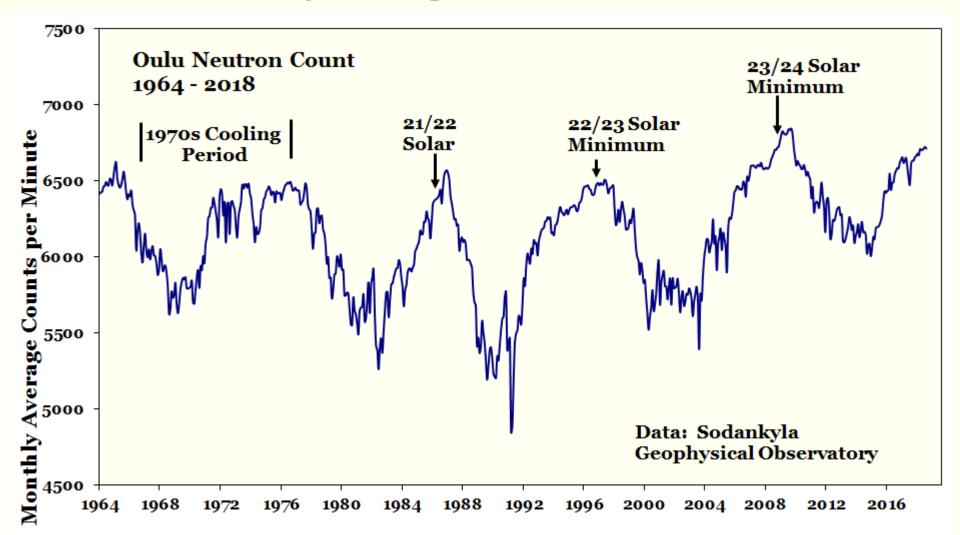


The message from the Antarctic ice cores: solar magnetic flux > galactic cosmic ray flux > neutron flux > Be^{10}

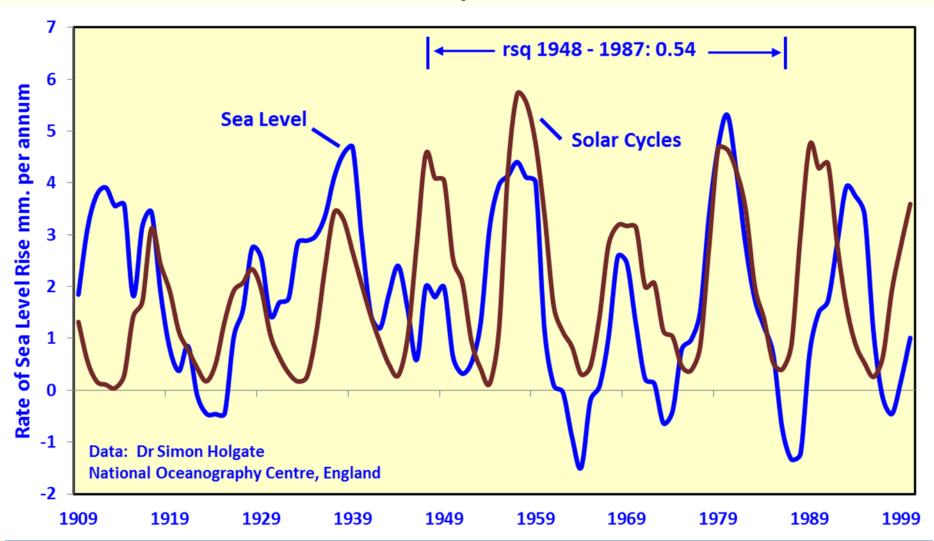


The spike in the 1690s killed a third of the population of Finland.

Neutron flux is heading to a new peak for the instrument record.



Yes, solar activity drives sea level.



Lake Victoria Level and Solar Activity

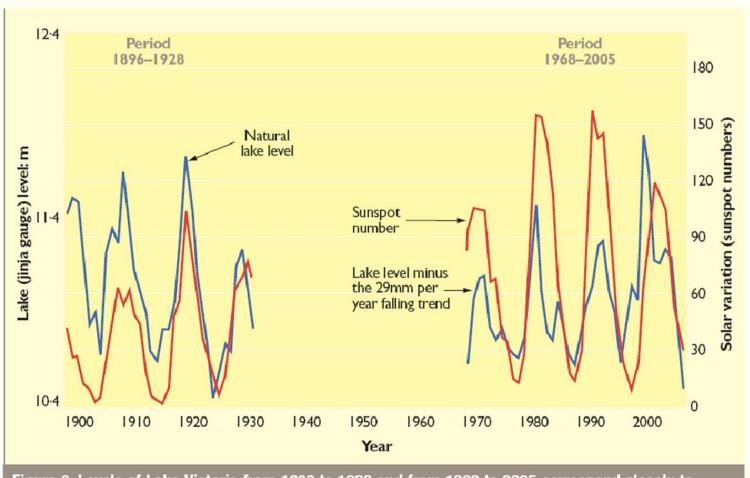
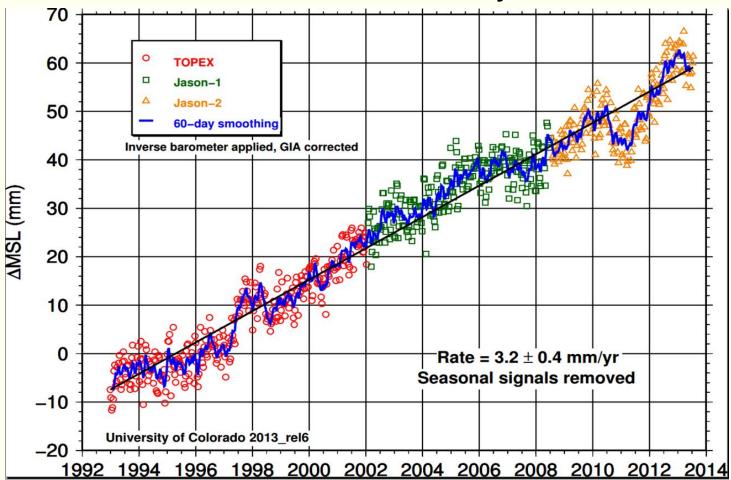


Figure 3. Levels of Lake Victoria from 1896 to 1928 and from 1968 to 2005 correspond closely to sunspot activity

Official Sea Level Rise - University of Colorado



Three inches over 20 years – relentless, remorseless, unremitting and certainly very frightening.

How that was created.

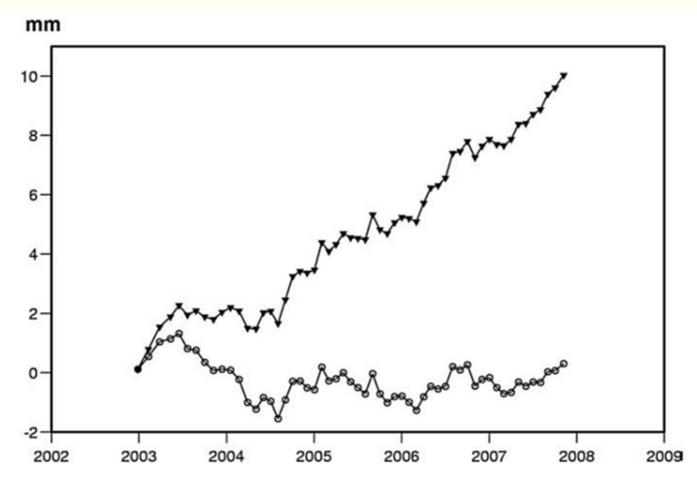
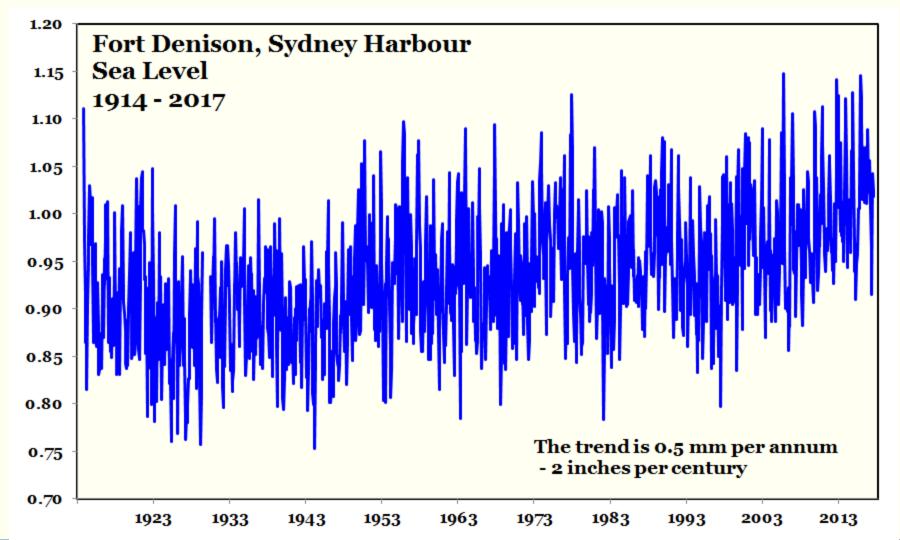


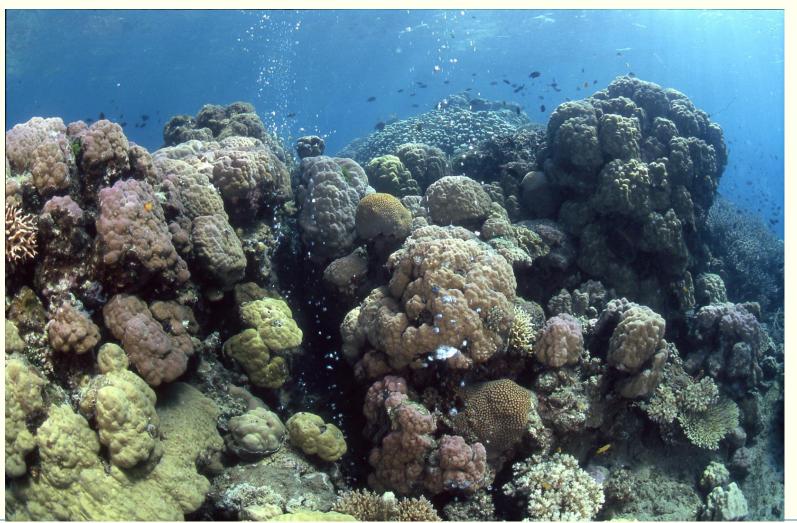
Fig. 1. Ocean mass change from GRACE over 2003–2008. The open circled curve is the raw time series. The black triangles curve corresponds to the GIA corrected time series.

Real Data



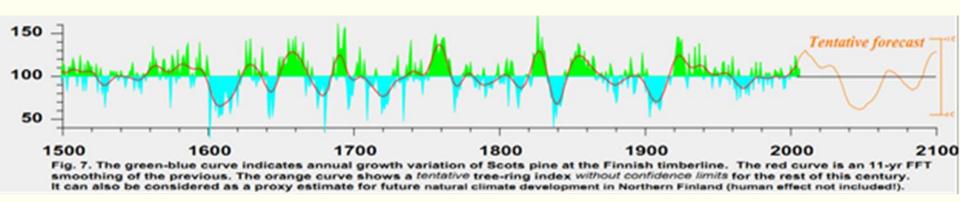
2 inches per century – not so frightening.

Ocean acidification - the last refuge of the global warming scoundrel



Dobu Island, New Guinea – reef living around CO₂ vents.

Premonition of the Fall

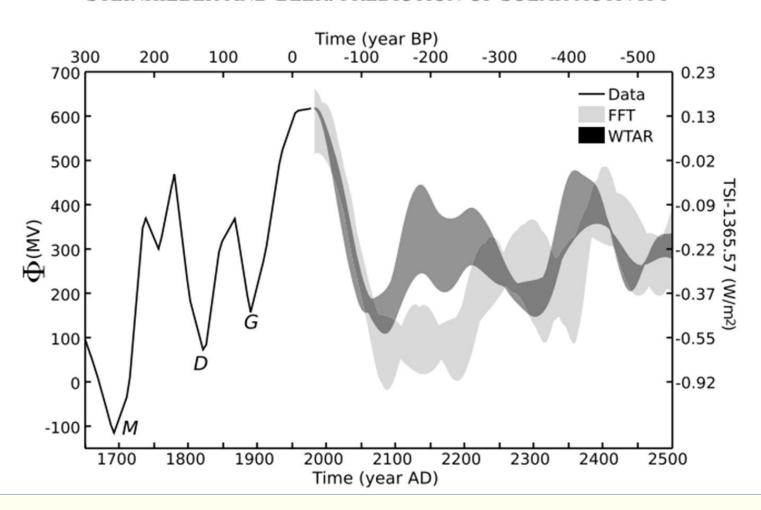


Finnish tree ring study predicts the biggest cold period for 500 years.

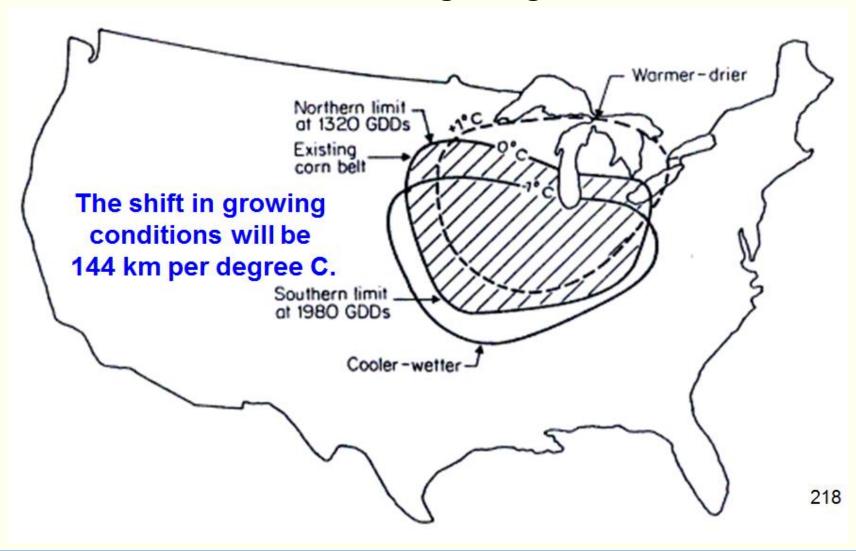
Timonen, M., Helema, S., Holopainen, J., Ogurtsov, M., Eronen, M., Lindholm, M., Merilainen, J and Mielikainen, K. 2007 "Climate patterns in Northern Fennoscandinavia during the Last Millenium" Xvii INQUA Congress

A paper from 2013: Return to 19th century climate

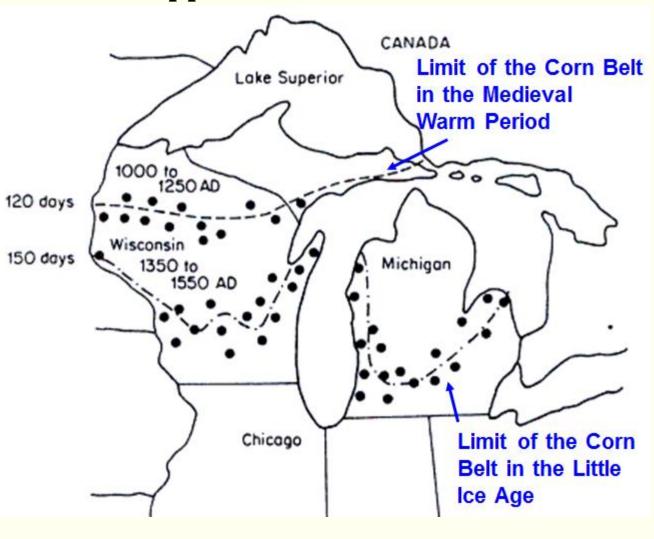
STEINHILBER AND BEER: PREDICTION OF SOLAR ACTIVITY



The Corn Belt shifts south but total growing area remains the same.



It has happened before in the US.



Distribution of prehistoric ridge-furrow maize gardens in relation to present-day frost-free seasons.

The northern limit of prehistoric maize fields appears to have retreated up to 320 km southward concurrently with cooling in the thirteenth and fourteenth centuries.

There are none so blind as those who will not see.



It's So Cold in the US Temperatures Will Set New Historic Lows

Newsweek



US east coast hits record lows on Sunday as deep freeze lingers

The Guardian

Ridiculously cold temps in the Northeast break records

By Holly Yan and Christina Maxouris, CNN

(1) Updated 1517 GMT (2317 HKT) January 22, 2019

Record cold in the U.S. and Canada has no end in sight

2018 starts with record cold in parts of the Midwest - CNBC.com

Sharks are freezing to death in the US, due to a record cold winter Brutal record-breaking cold snap hits northern United States

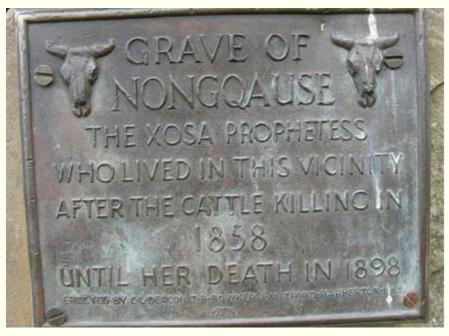
HEAVIEST SNOWFALL IN 100 YEARS BRINGS CHAOS TO ALPINE SKI RESORTS

Date: 12/01/19 | The Times

The closest historic parallel to what Australia is doing to itself is the 1856 cattle-killing frenzy of the Xhosa tribe in what is now South Africa.

- A teenage girl named Nongqawuse and her friend Nombanda went to fetch water.
- Upon returning, she said that had met the spirits of three of her ancestors who had told her that the Xhosa people should destroy their crops and kill their cattle.
- In return the spirits would sweep the British settlers into the sea.
- Then their granaries would fill again and their kraals would have more and better cattle.
- The cattle-killing frenzy that followed killed between 300,000 and 400,000 head of cattle.
- In the resulting famine, the population of the province dropped from 105,000 to fewer than 27,000.





Her gravestone

Nongqawuse on the right

Nations shouldn't kill their cattle on the advice of simple-minded teenage spiritualists, neither should they destroy their coal-fired power stations on the urging of the current day versions of same.

Conclusions on Climate:

- 1. Yes the world has warmed and this was mostly due to the highest level of solar activity for 10,000 years.
 - Most likely outcome is that we return to the climate of the 19th century.
- 2. Carbon dioxide is tuckered out as a greenhouse gas and its effect from here is minuscule.
- 3. The level of carbon dioxide in the atmosphere got dangerously low during the last ice age and the higher we can take it, the safer the world will be.
- 4. There is no scientific reason to switch away from coal and other fossil fuels.
- 5. Anyone who believes in global warming is either evil or stupid.

Who are remorseless killers of our little old ladies who can't heat their homes in winter?

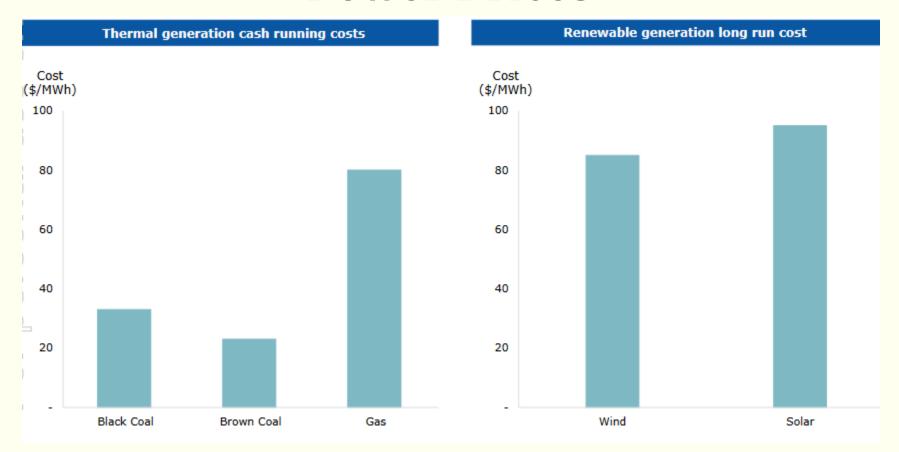
It all started with John Winston Howard:

- 1. In the 1960s young Winston travelled across Sydney to sit at the knee of Sir Phillip Baxter who told him of the wonders of nuclear power. Howard becomes a one man sleeper cell of nuclear advocacy.
- 2. As Prime Minister, Howard knows Australians won't vote for nuclear so he decides to force it on us by upping the cost of coal-based power via a carbon tax.
- 3. Howard's last dark deed was the National Greenhouse and Energy Reporting Act of October 2007. This is the auditing basis of the carbon tax.
- 4. Gillard promises no carbon tax in the 2010 election but reneges.

- 5. Abbott wins the 2013 on the promise of repealing the carbon tax but three days after the election announces that the auditing basis of the tax won't be repealed.
- 6. So the carbon tax has come back in another form and renewables legislation is killing the economy and little old ladies.

Who will rid us of the menace of global warming hysteria?

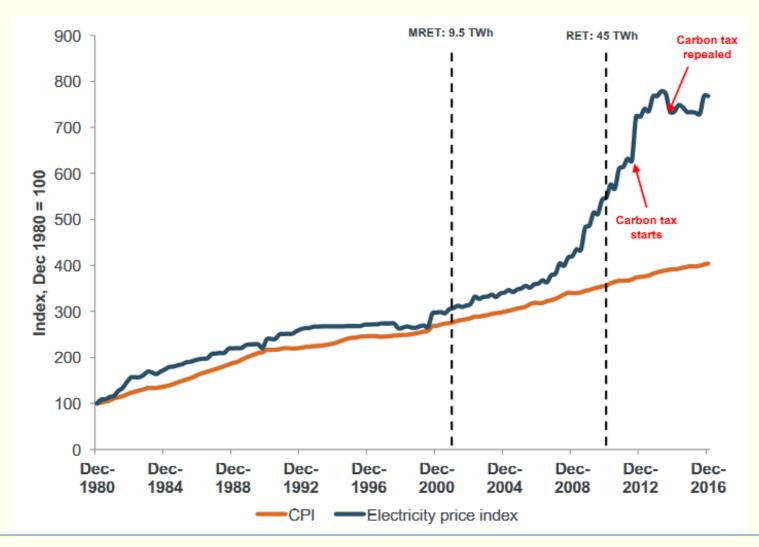
Power Prices



Market over supply is making investing in new generation difficult

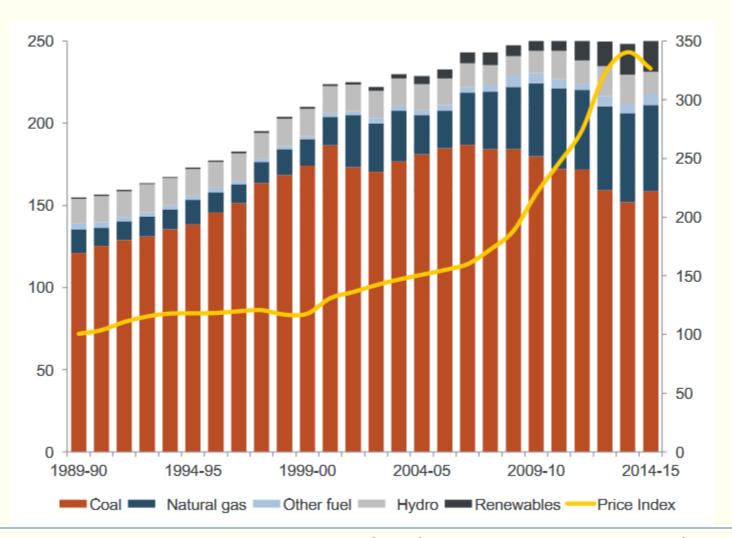
Old thermal plant is cheaper to run than building new renewables

When the idiocy began



John Howard wanted to force Australia to nuclear power.

Coal in power generation peaked in 2001



Burning natural gas for power generation is almost as bad as using oil. 55

The whackos running the country are now coming for natural gas:

Decarbonising Australia's gas networks

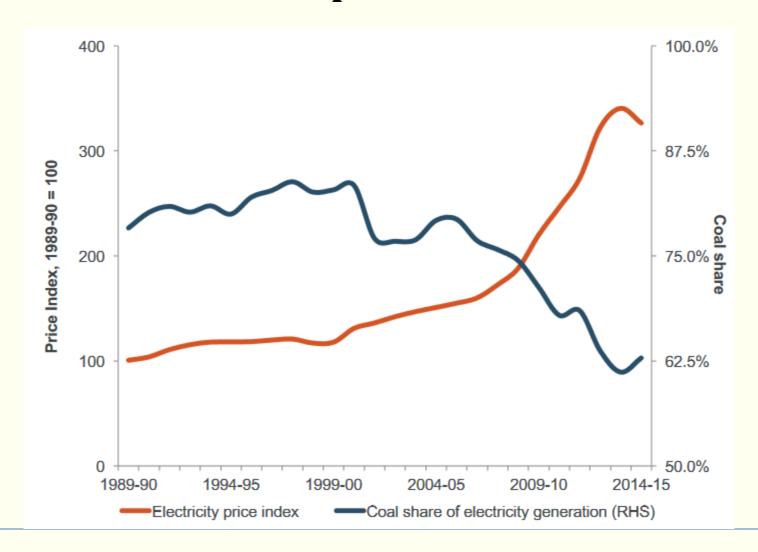




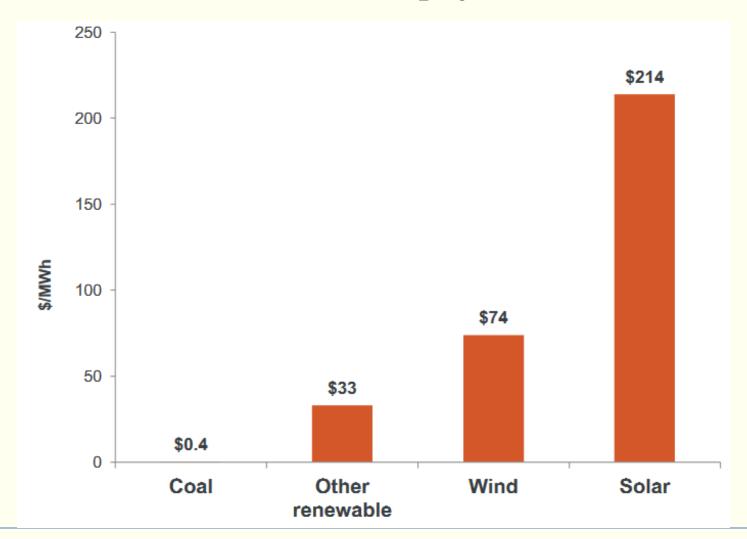


This will throw away at least 70% of the contained energy.

If we increase coal use, power costs will come down.

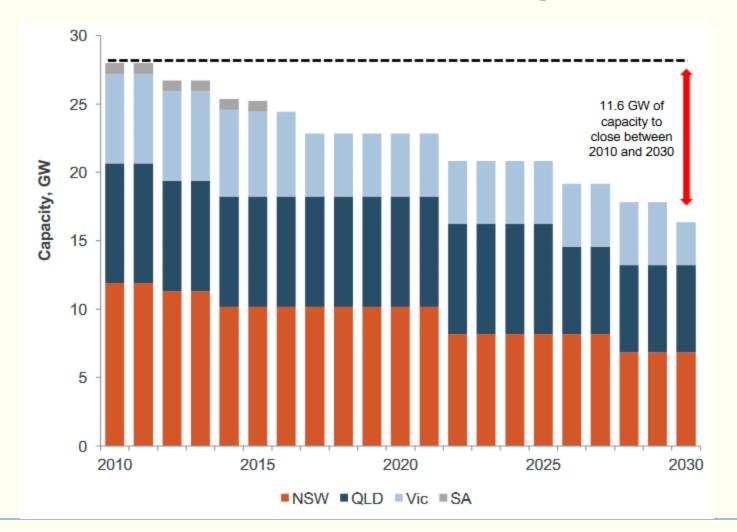


Because we won't have to pay idiotic subsidies.



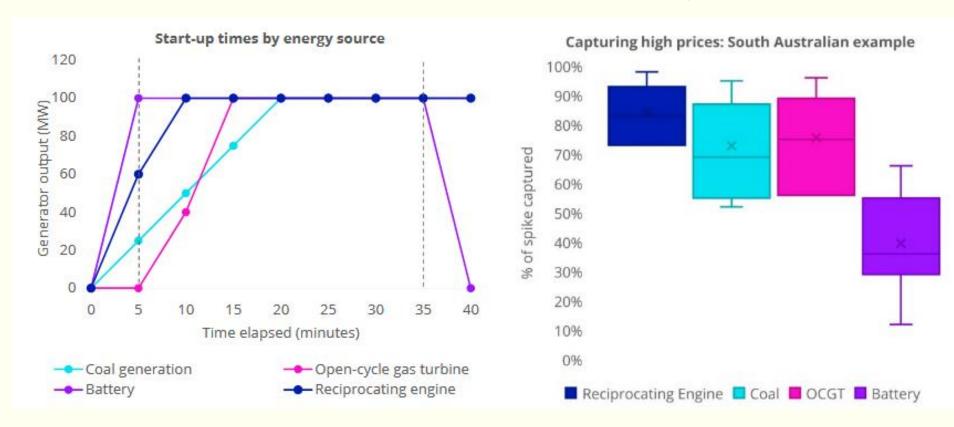
58

More pointless pain and suffering is planned.



59

Reliable coal-fired power is destroyed.



To create an inherently spiky, unstable grid enabling AGL to charge extortionate prices to generate exorbitant profits.

The people who voted for a coal-free future are getting it good and hard.

The Labor governments in SA and Victoria took great delight in destroying their coal-fired power stations.

SA

\$12,418.75

Demand

2,844

2,698

Wind and Other

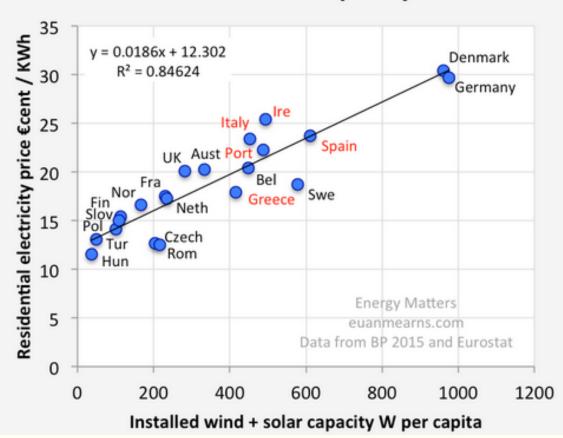
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Now they are paying 100x the NSW and QLD levels for spot power.



On the subject of South Australia, cost of power directly scales with renewables capacity – could go threefold from here.

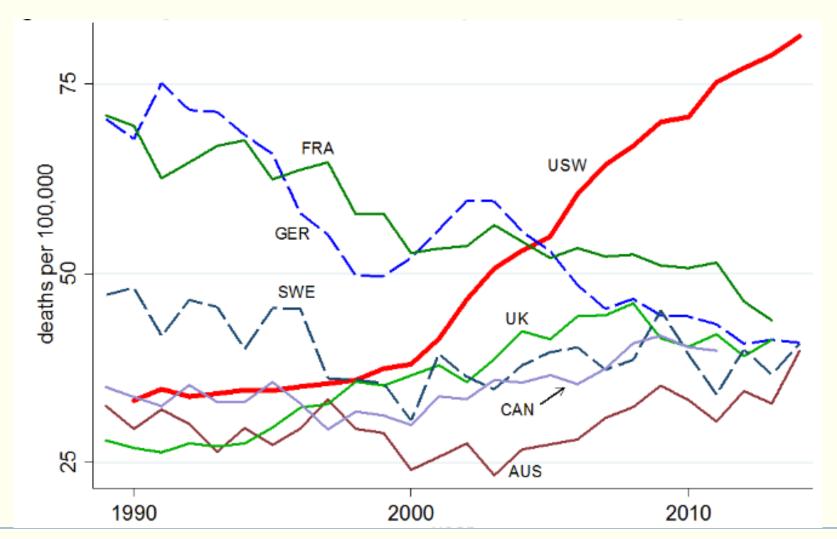
Europe Electricity Price v Installed Wind + Solar Capacity



Conclusions on Power Prices

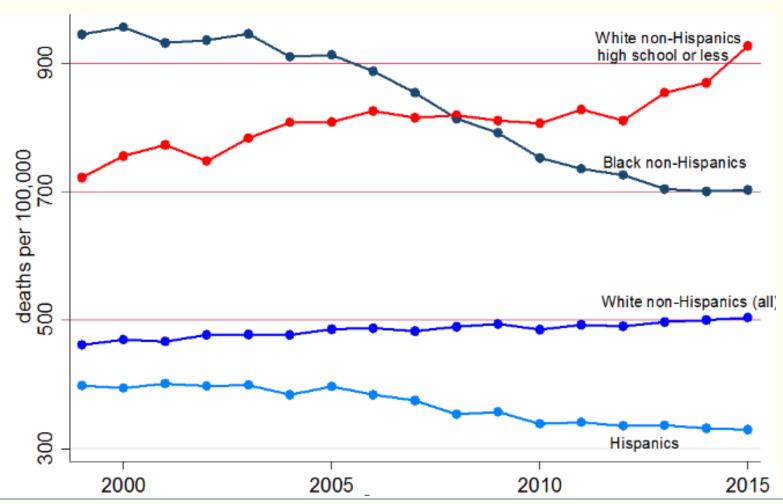
- 1. Closing coal-fired power stations and tilting the competitive playing field away from coal is increasing costs for no benefit.
- 2. Australia is throwing away its big competitive advantage for no benefit.
- 3. Increasing costs unnecessarily destroys jobs.
- 4. What is the point of exporting coal and not using it ourselves?
- 5. The sooner this global-warming based idiocy is stopped, the sooner we will be safer, more secure and have a rising standard of living.
- 6. Don't tinker at the margins, just reverse all the stupidity of the last 20 years.

The Lesson from the United States

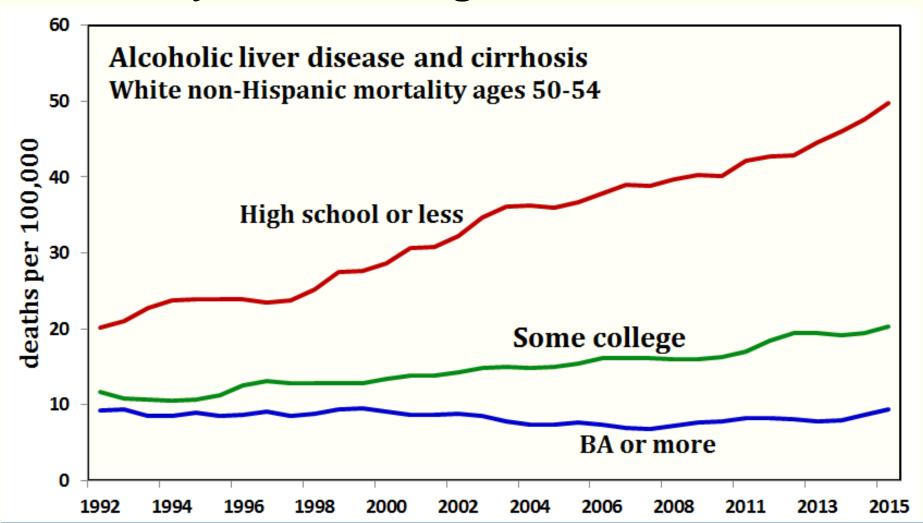


The death rate of whites in the US has been rising since 2000.

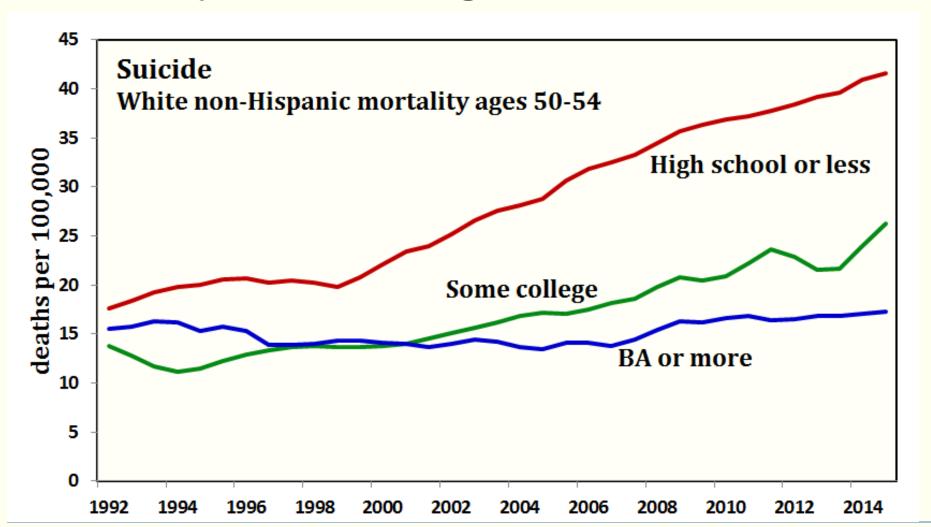
All that rise in the death rate is concentrated in the high school-educated.



How they are shortening their lives: Alcoholism



How they are shortening their lives: Suicide



The lesson from what has happened in the United States is this:

If you destroy the jobs of working people you destroy their lives.

Australia's global warming/renewable energy/carbon-hating policies are destroying Australian jobs.

They will also destroy Australian lives.

The people behind these policies couldn't care less.

Solar PV is cheap only because fossil fuels are cheap.

Some mines in WA have installed solar PV which provides power at \$0.12/kwh for eight hours per day to supplement diesel at \$0.22/kwh.

But the solar panels are made using power at \$0.05/kwh.

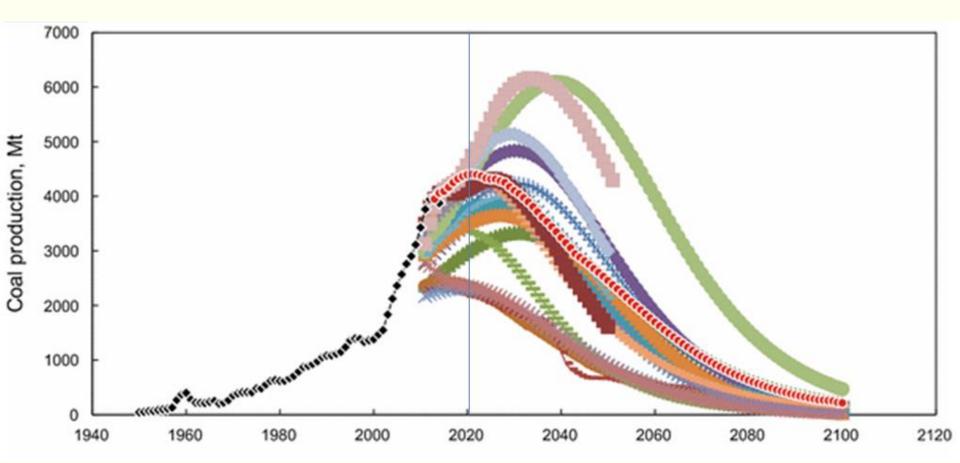
If you use power at \$0.12/kwh to make solar panels then the solar power will cost \$0.30/kwh.

If you use \$0.30/kwh power to make solar panels then the solar power will cost \$0.72/kwh and so on.

Solar power uses a steady supply of low cost power from Chinese coal to make an intermittent supply of high cost power.

It is not sustainable.

Chinese coal production is about to start falling:



Which will make solar power in Australia more expensive.

The more important Paris treaty

Turnbull signed us up to the Paris climate treaty on 23rd April, 2016. If we stay in it, it will make us a lot poorer for no good reason.

We signed the far more important International Energy Agency agreement in 1979.

This requires the 28 member countries to hold 90 days of stocks of fuel imports.

We have been non-compliant since 2012 and currently have 49 days of stocks.

Only two other countries have ever been non-compliant: Luxembourg (89 days in 2009) and Turkey (86 days in 2018).

To add 50 days worth of stocks will cost us \$6 billion for the fuel and another \$4 billion for the tankage.

We should double that to take the whole cost to \$20 billion.

Conserve to Convert

- Many stupid things have been done in Australia in the name of global warming.
- Natural gas is 13% of the national power supply, 50% in WA.
- When the world tips over into long term oil supply decline, natural gas will be priced as oil in energy content terms.
- So using natural gas for power supply will be like burning oil in terms of cost.
- Then in turn we will burn more coal.
- But coal has an alternative use as a liquid fuel feedstock and will be priced like oil less the conversion cost.
- The only long term solution that has a chance of providing us with a high standard of living is nuclear power.
- Reactors using the existing dominant nuclear technology U²³⁵-burning light water reactors are inherently unstable.
- The sooner we develop and inherently safe breeder technology, the better. This is likely to be the Dual Fluid Lead-cooled Reactor.

There is only one path.

- 1. Coal and oil were the fossil fuels given to us to take civilisation to a high level.
- 2. U²³⁵ was the fissile isotope given to us as the match to start the nuclear fire which will maintain civilisation at a high level for all eternity.
- 3. Departing from this will only end in tears and death.
- 4. There is no role for renewable energy because it is not sustainable.

In conclusion:

- 1. In the next federal election vote for the party which credibly will stop the climate stupidity and repeal all climate and renewables legislation.
- 2. Honour the Paris agreement we signed in 1979 and put in at least 100 million barrels of fuel stocks.
- 3. Start developing the coal-to-liquids technology we will need long term.
- 4. Develop the right nuclear technology so that the generations who follow us will have the highest standard of living possible.

My last two books:

