

**To Parliament Transport Committee Feb 2011 – as 2010 Parliament Oct 27,  
Burlington House Nov 8, etc**

**The necessity for Evidence-based science & Policy  
- What Does & Doesn't Cause Climate Change?**

# **Scientific reliable forecasting of extreme weather events, climate change and the next ice age**

- Refutation of CO2 driver hypothesis • What Does CAUSE Climate Change?
- Long Range Solar-based forecasts to cut misery & save lives.

- Evidence-based science
- Beware of confusing Cause, Effect & 'Association'!



**Vital  
information  
for our future**

**Main Pres = slides 1-45**

**Piers Corbyn MD [www.weatheraction.com](http://www.weatheraction.com) , Climate Realist**

Team includes Judith Humprey, Kirill Kuzanyan (IZMIRAN Russ Acad Sci) & Ulric Lyons

Piers Corbyn is the originator of the **Solar Lunar Action Technique** of Long Range Forecasting and founder of WeatherAction 177 Borough High St, London SE1 1HRTel: +44 (0)20 7939 9946; +447958713320

# **How much CO<sub>2</sub> is there in the atmosphere?**

Compare the atmosphere with Big Ben's Tower – 316 ft high



**The CO<sub>2</sub> in the atmosphere is equivalent to**

**1 ¼ inches on the top.**

**Man's contribution is just over One mm within that.**

## Key Messages

- **The CO2 driver theory of climate change fails**

- REFUTED by Observations and basic Physics

- **Solar Activity Rules**

- **Extreme events can be predicted months ahead**

- from Coronal Holes & Solar flares to extreme weather events - Proven success of Solar Lunar Action Technique

- **Scientific forecasting shows the world will continue to cool for at least the next 20 years. This and the ice-age to come later are the main climate dangers.**

- **Policy implications for Petroleum Industry**

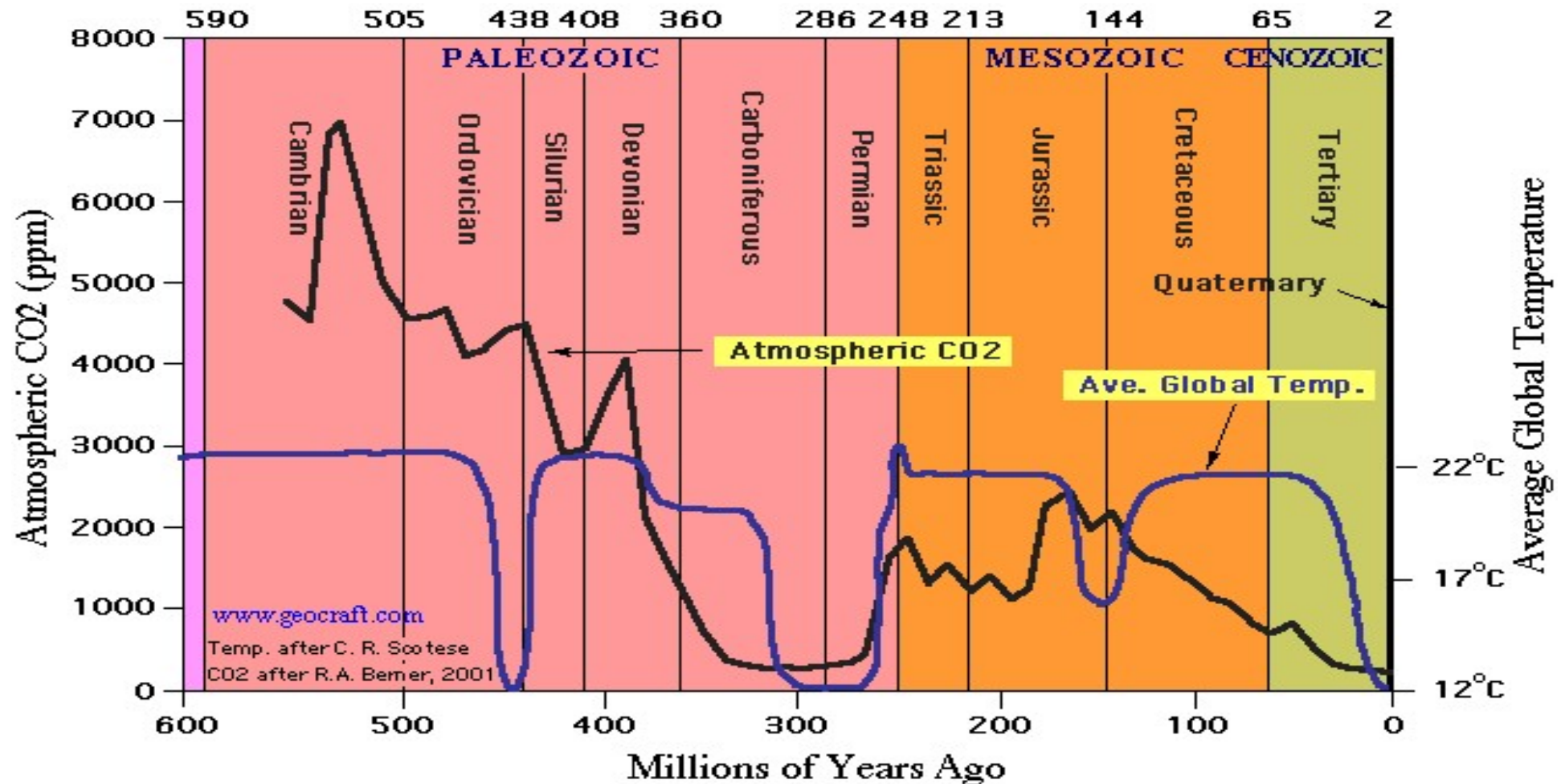
- A New dawn for evidence-based science & policy – CUT Carbon Spivs! - Save jobs & lives! – Reduce energy prices

# **How do we know it's NOT CO2?**

- It's **NOT** because of the meddling with data, fraud, tricks, fictional claims and suppression of evidence and arguments which oppose the CO2 theory – exposed in **CLIMATEGATE**
- It's because the **CO2 theory FAILS** in **ALL** it's predictions and expected past correlations.

# Global Temperature and Atmospheric CO<sub>2</sub> over 600 Million yrs

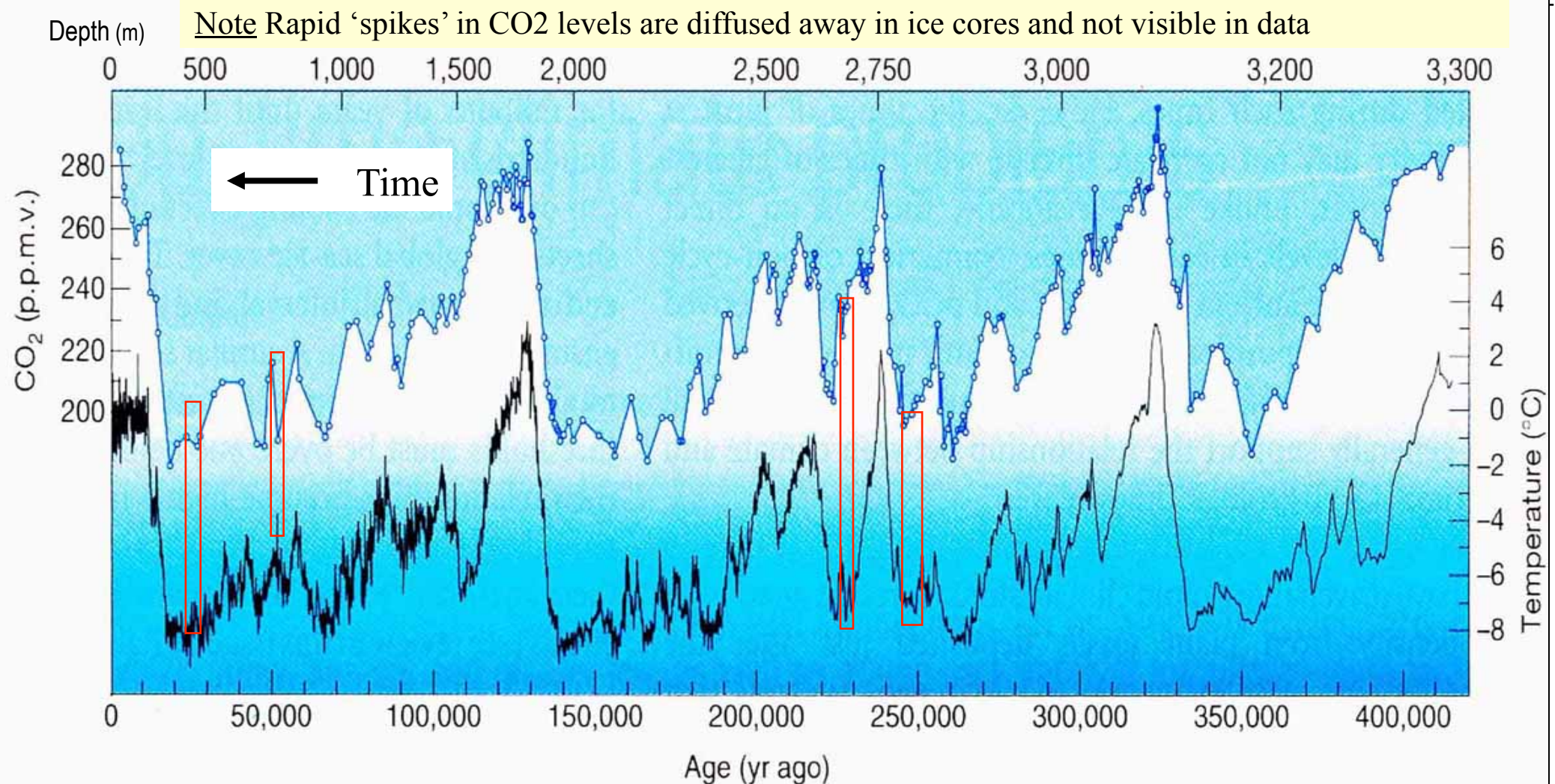
## - No Evidence of CO<sub>2</sub> driving temperature



Late Carboniferous to Early Permian time (315 million years ago - 270 million years ago) is the only time period in the last 600 million years when both atmospheric CO<sub>2</sub> and temperatures were as low as they are today (Quaternary Period). At no point do temperature and CO<sub>2</sub> levels relate. *Temperature after C.R. Scotese* <http://www.scotese.com/climate.htm> *CO<sub>2</sub> after R.A. Berner, 2001 (GEOCARB III)*



**CO<sub>2</sub> & temperatures moved close together through the last 4 ice ages. Temperatures LEAD CO<sub>2</sub> by 800 yrs. *Al Gore doesn't tell you That Inconvenient Truth!***



Close examination (eg see red boxes) of proxy Temp & CO<sub>2</sub> data in ice cores show Temperatures lead CO<sub>2</sub> changes. Changes across Antarctica termination III (Caillon et al Science March 2003) 240k yr ago show Temperature leads CO<sub>2</sub> by on average 800+/-200yrs

## Temps drive CO2 as ice ages end. Fast CO2 changes (like now) are hidden

At the meeting Piers said: "There is just one timescale where CO2 & temperature correlate well, that is on averages of about a hundred years; BUT this shows **TEMPERATURES CONTROL CO2** which changes **AFTER** temperatures have changed"

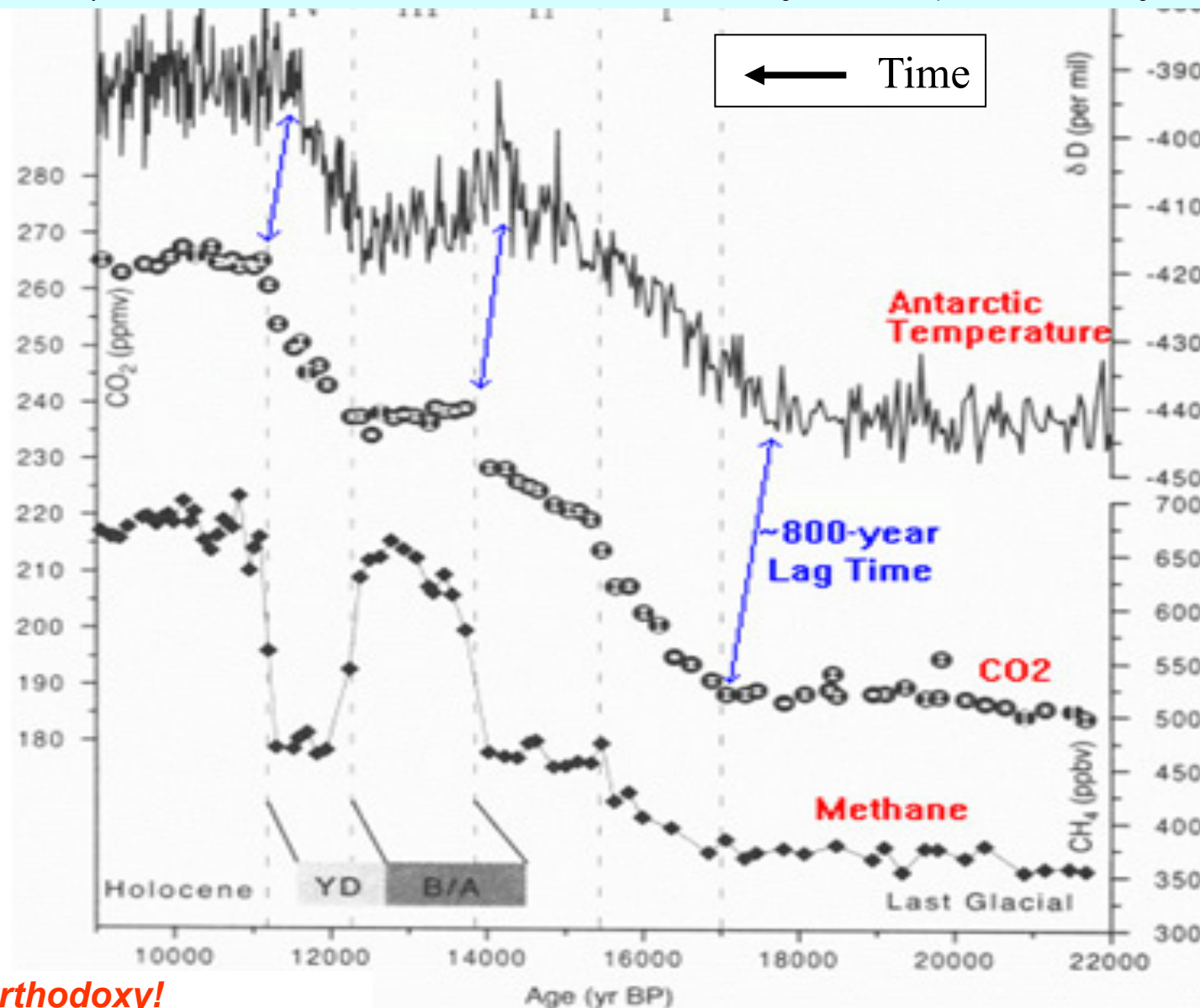
**At the end of the last ice age temperature changes LEAD CO2 by 800yrs**

Similar leads are in Antarctic Termination III 240kyr ago  
(Caillon et al Science Mar 03)

### CO2 diffuses through ice

CO2 data points are at best 200yrs apart and show only small variations between points. This is because CO2 is a gas and diffuses into centuries of ice layers. The present CO2 spike will amount to a mere blip in 1,000yrs time.

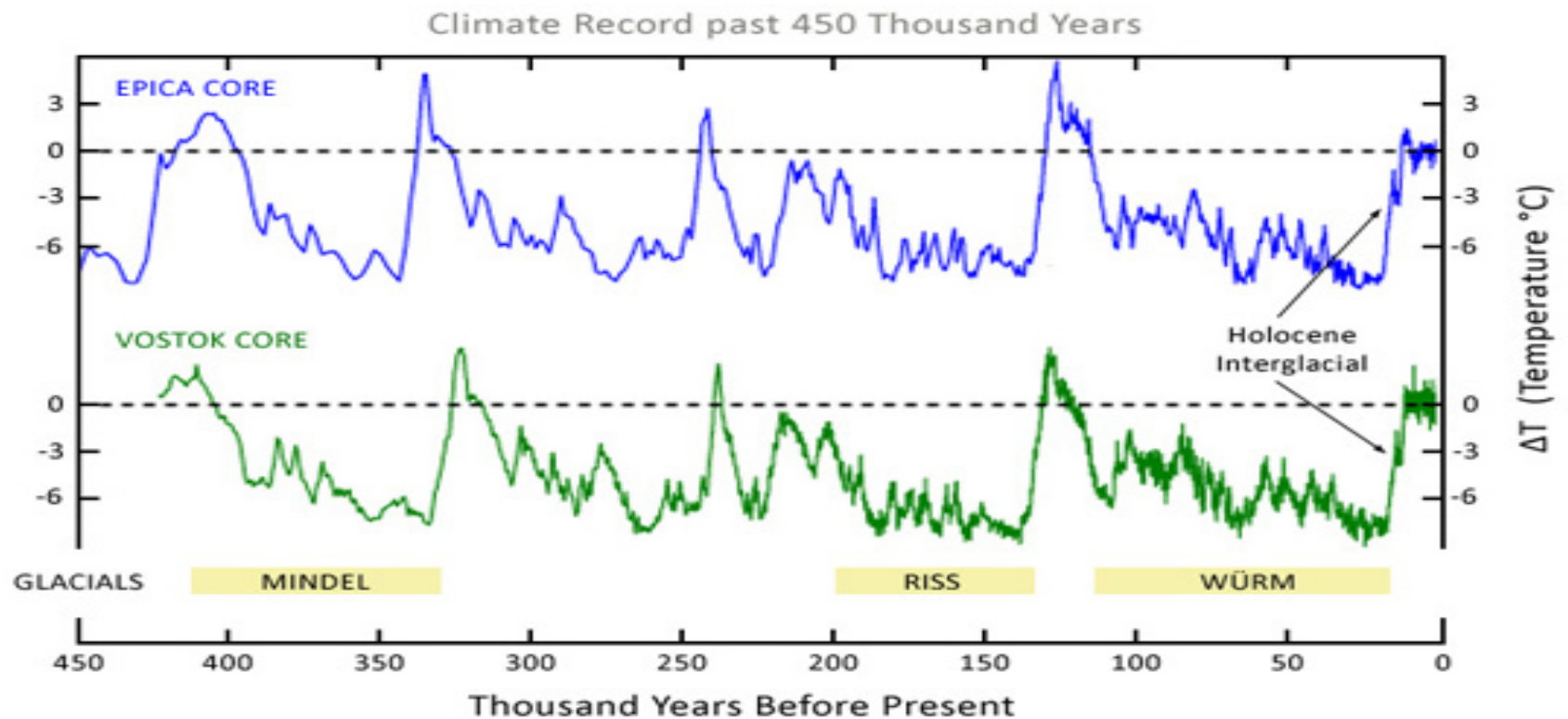
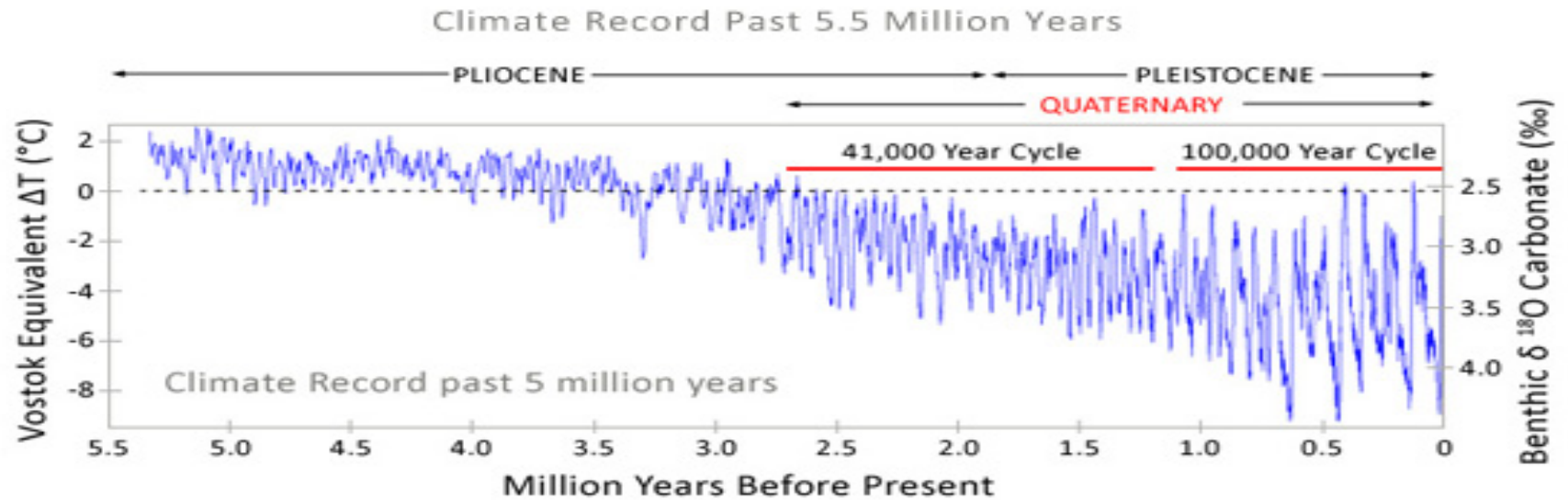
**There is No Evidence that the present CO2 rapid rise is unique.**



**Inconvenient Truths for GW Orthodoxy!**



**The**  
**~26,000yr**  
**precession;**  
**~41,000yr**  
**obliquity;**  
**&**  
**~100,000 /**  
**125,000yr**  
**Ice Age**  
**duration**  
**Signals**  
**NB**  
**3x42k~126k**  
**~5x25k**



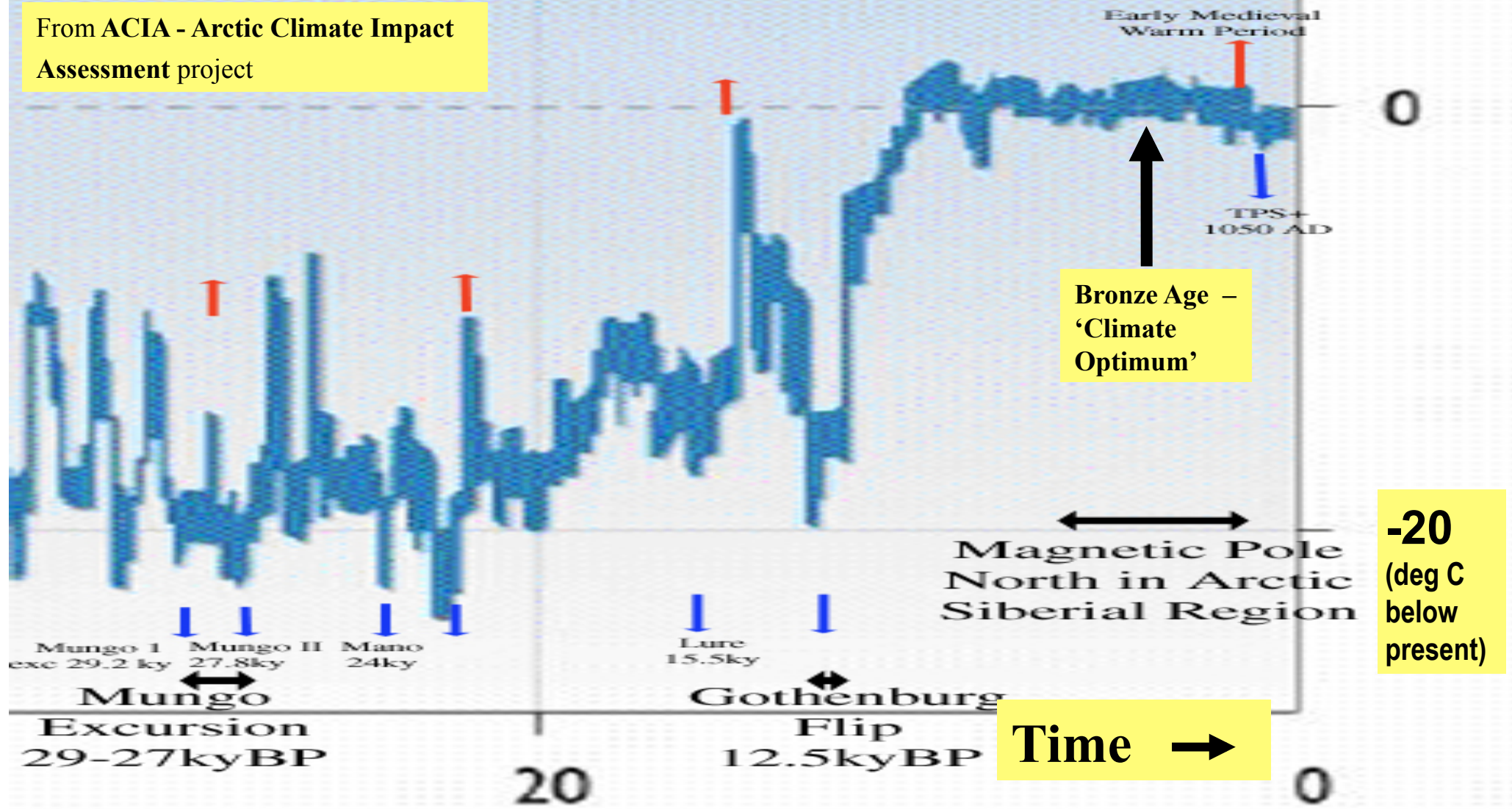


# Climate Change: Arctic temperature over 30,000 yrs

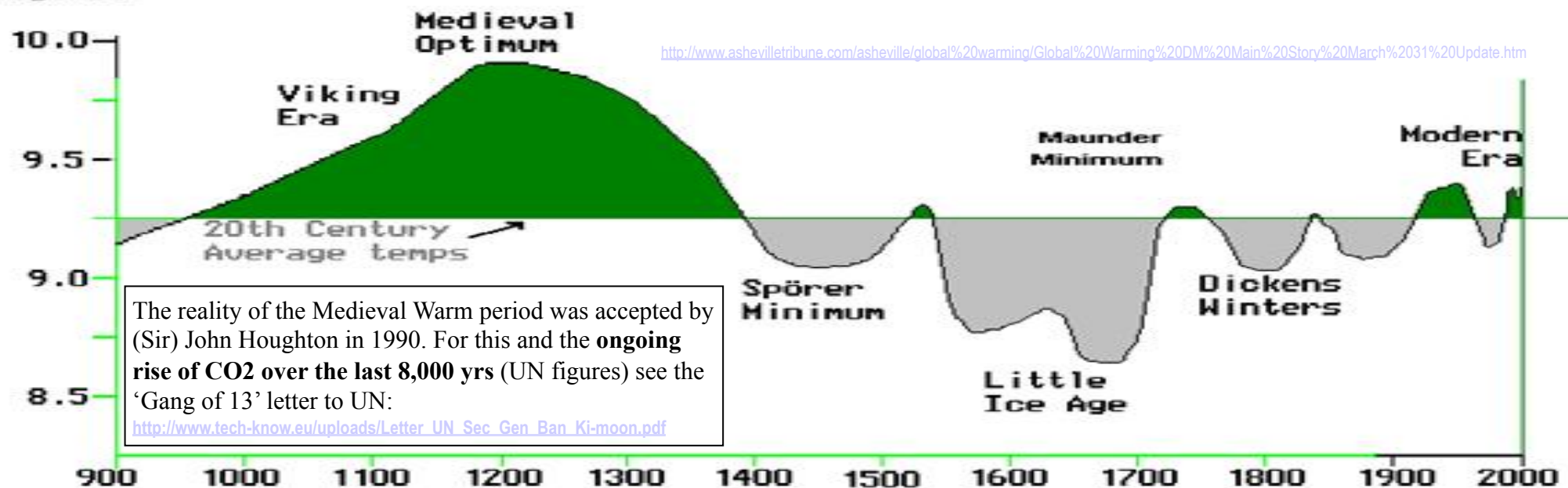
Arctic (=> World) Temps deg C rel to present in the last 30,000yrs. Magnetic polar motion also marked.

The last 750 years have been COLDEST part of the last 10,000 years since the end of the last ice age.

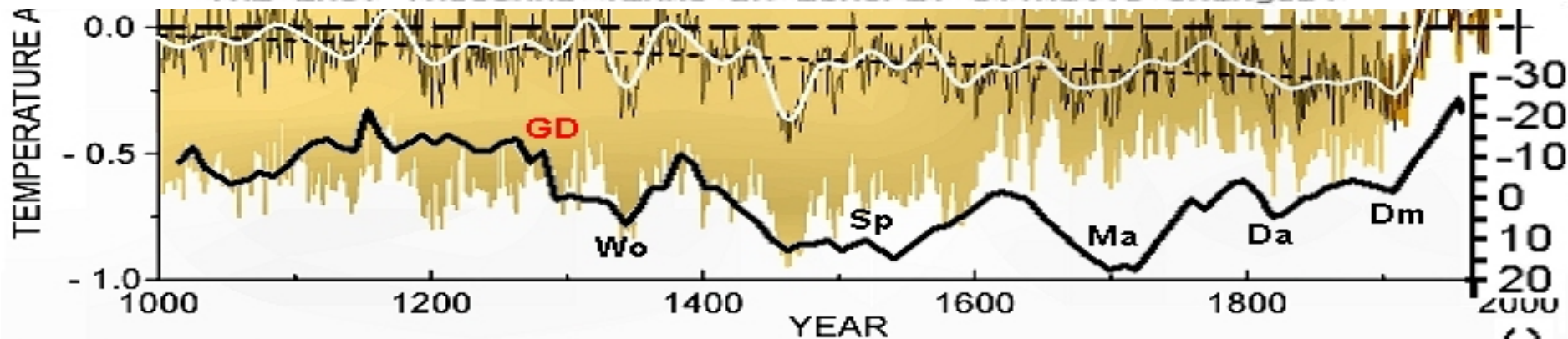
From ACIA - Arctic Climate Impact Assessment project



deg. C.



THE LAST THOUSAND YEARS IN EUROPE. Climatic changes.



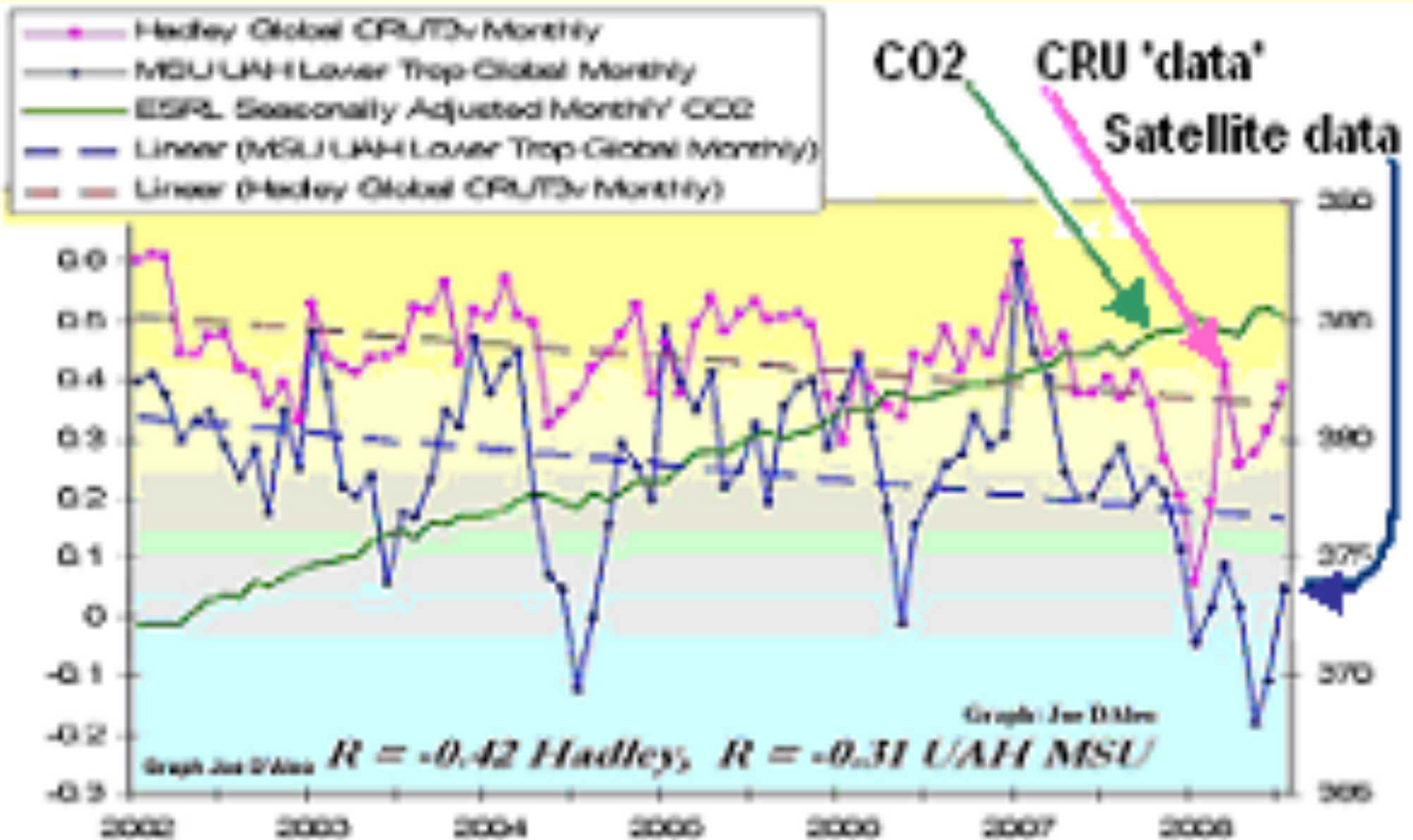
- reconstruction (AD 1000–1880)
- instrumental data (AD 1902–1998)
- - - calibration period (AD 1902–1980) mean
- reconstruction (40 year smoothed)
- - - - linear trend (AD 1000–1850)

Martin Munro 2004  
 TreeRing Times  
 (original publication  
 Mann et al. 1999 Geophys.  
 Res. Lett. 26:759)

DELTA <sup>14</sup>C

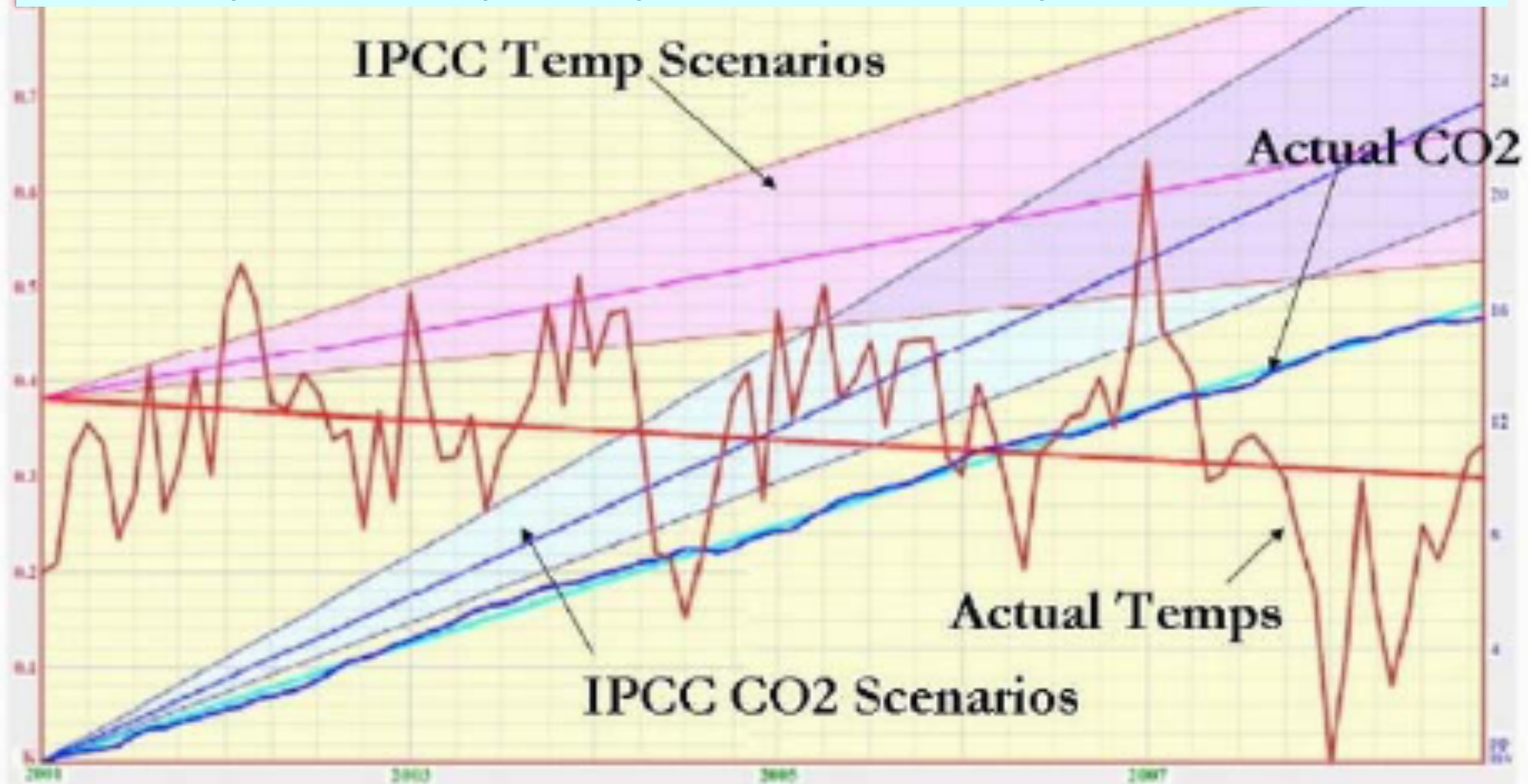


# World Temperatures keep falling while CO2 is rising!



## ***The UN (IPCC) Forecasts have comprehensively failed***

At the meeting Piers said: "Philip Foster (1st presentation) already gave graphs that show there is NO EVIDENCE going over millions of years that CO2 controls temperature. These graphs shows the IPCC predictions do not accord with the facts. **That means the theory fails. The University of East Anglia (CRU) however instead changed the facts. This is unacceptable**"

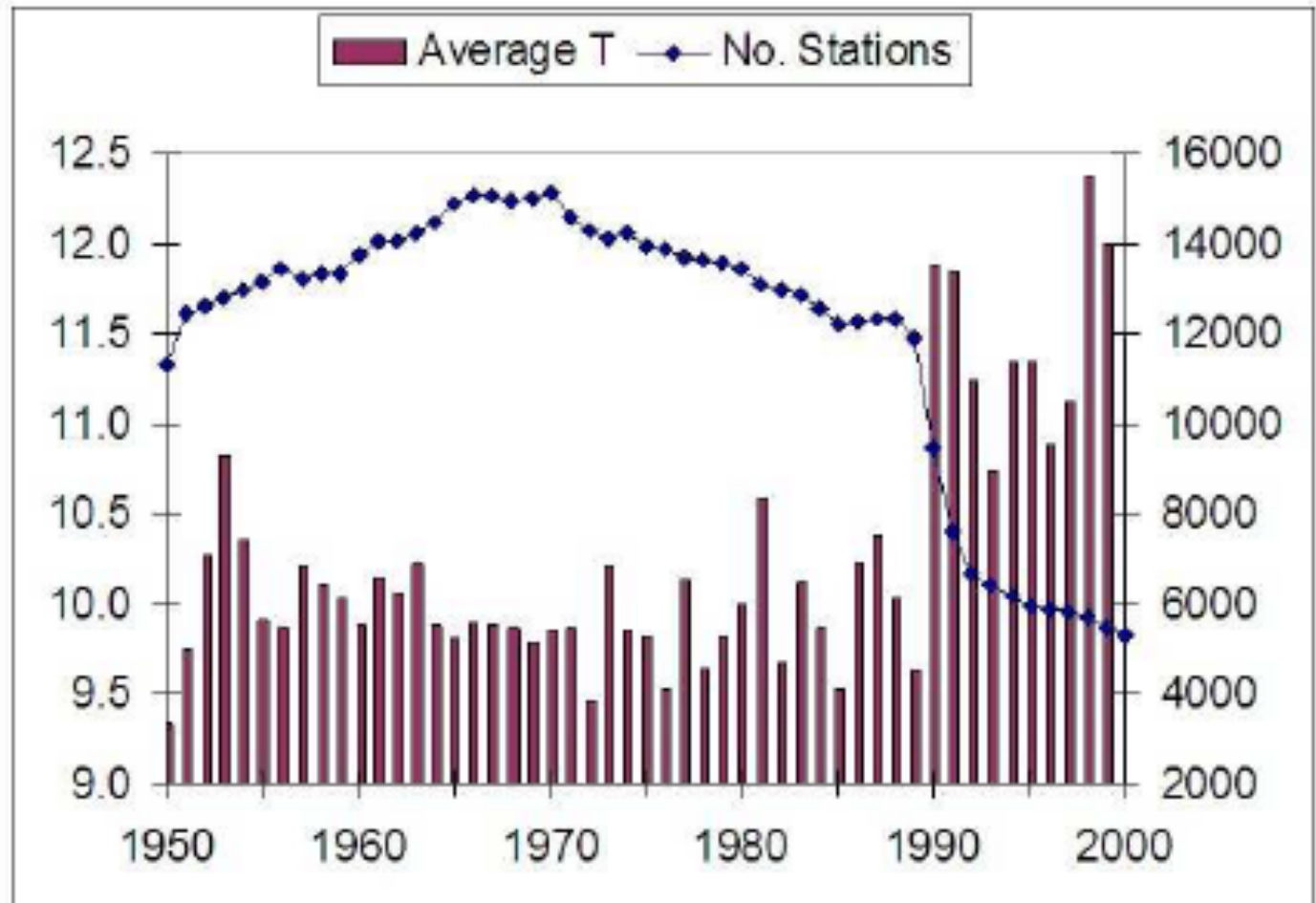




# Data Fraud

- ‘Chosen’ data
- Satellite-Gate!

(Lake Michigan was boiling according to satellite data used as input to official averages!)



**Data fraud in operation.** The selective removal of data stations, which didn't help the Global Warmers' theory, made the remaining average World temperature shoot up from 1990. See <http://www.uoguelph.ca/~rmckitri/research/nvst.html>, which is from Joe D'Aleo and Anthony Watts' superb world analysis of data collection and systematic manipulation: <http://climaterealist.com/?id=4979>  
Will the second Cover-up Committee headed by global warming advocate Lord Oxburgh consider this?

“There is one correlation that endures millions of years”

# Solar Activity drives Climate

– Oman stalagmite data 9.5kyr to 6k yr before present



Growth layers of stalagmite in a Cave in Oman show:

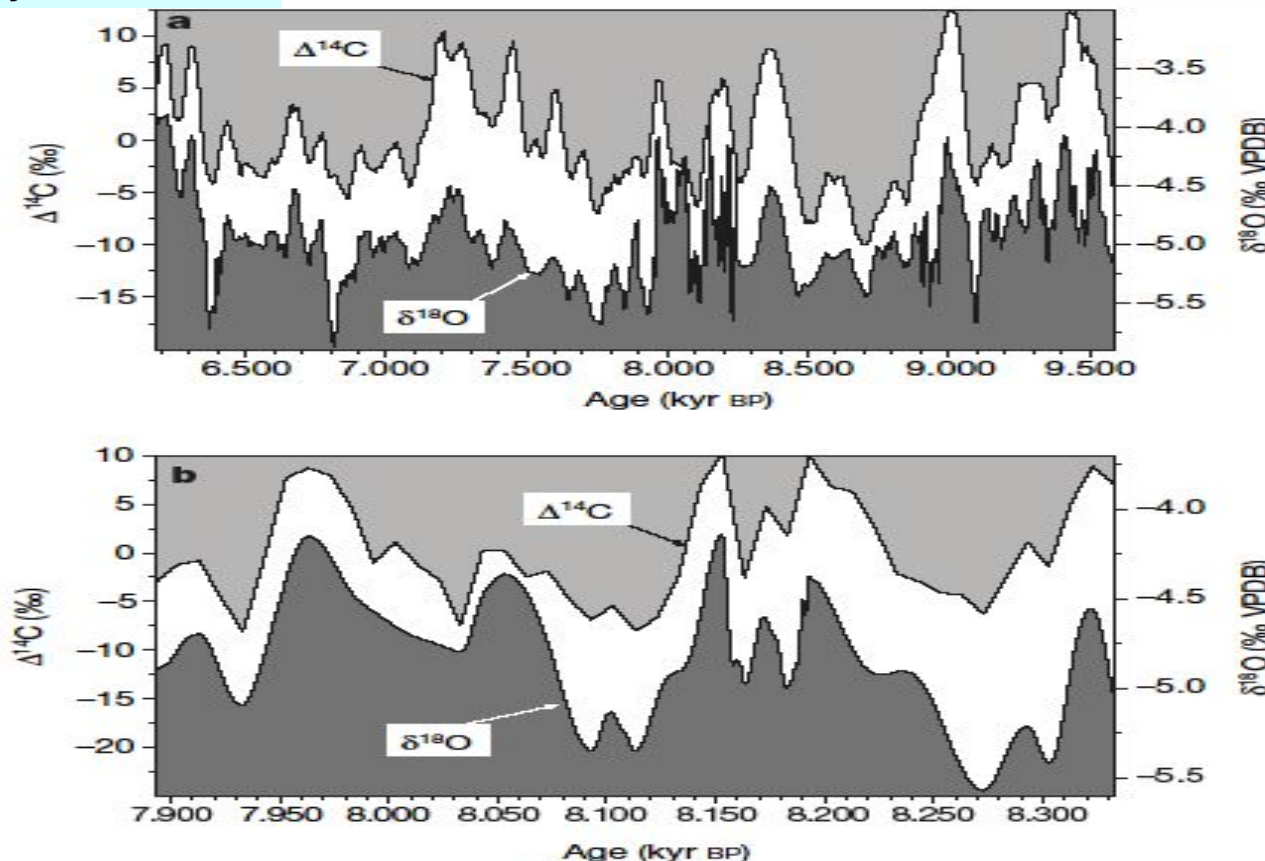
**Close correlation between Particles from the Sun\* & Temperature\*\***

{\*C14 proxy from Cosmic Ray Flux which is reduced by Solar magnetic-particle activity.

\*\*O18 isotope is Climate proxy}

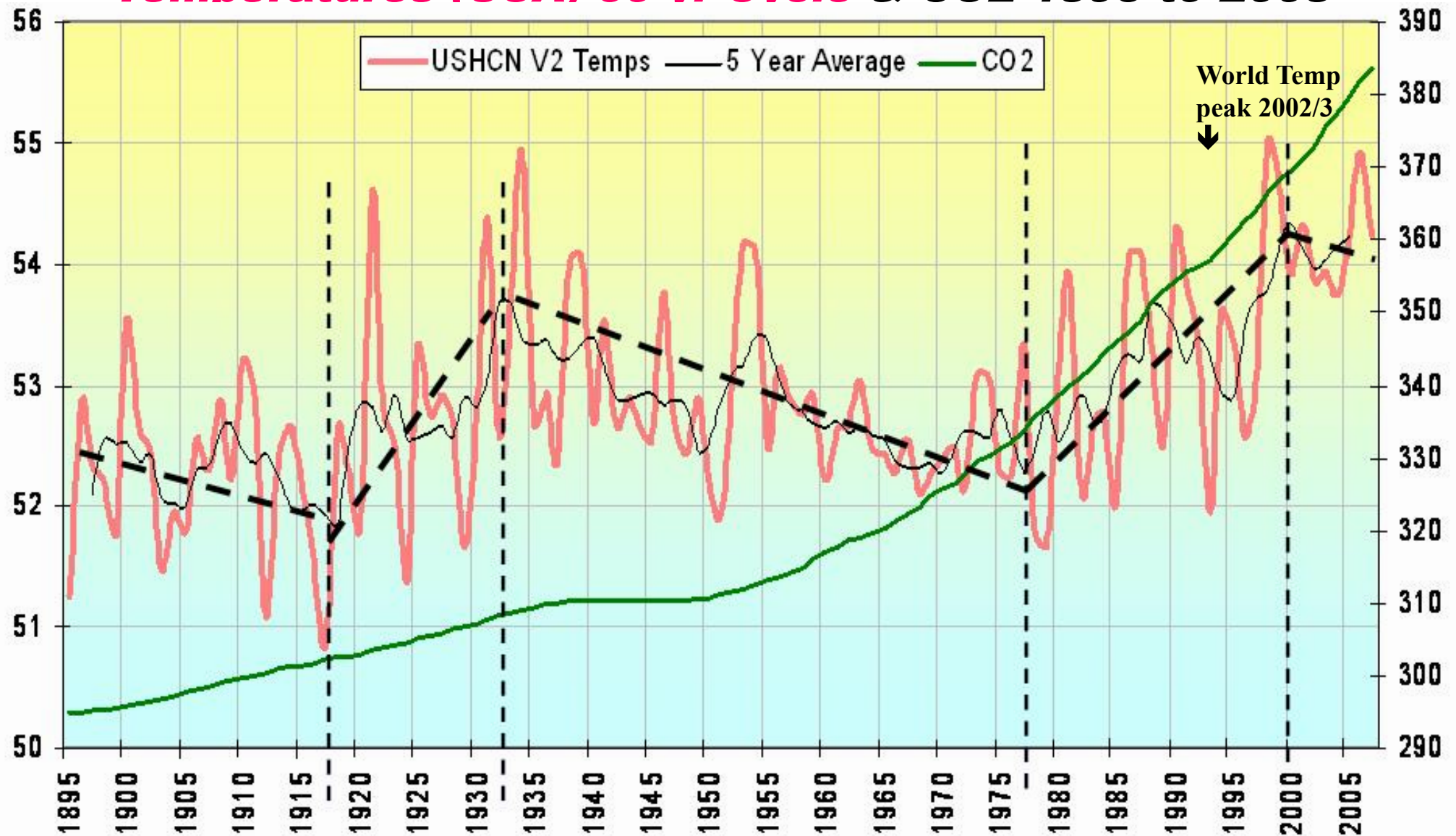
**Similar correlations exist over the last 500 Million years**

See Neff et al, Nature May 2001; Veizer, Geoscience Canada March 05



**Figure 2** Profiles of H5  $\delta^{18}\text{O}$  values and atmospheric  $\Delta^{14}\text{C}$ . **a**, The entire H5 record (826 samples); **b**, the high-resolution interval. Both profiles in **a** were smoothed with 5-point adjacent averaging for better visual comparison. The  $\delta^{18}\text{O}$  profile in **b** was filtered with 7-point fast Fourier transform smoothing (cut-off frequency,  $0.1 \text{ yr}^{-1}$ ). The correlation coefficient of the unsmoothed data is  $r = 0.60$ ,  $P(>|r|) < 10^{-8}$  in **a**, and  $r = 0.55$ ,  $P(>|r|) = 1.1 \times 10^{-4}$  in **b**. Because of the apparent good relationship between the two profiles, we fine-tuned the peaks of the  $\delta^{18}\text{O}$  age profile to the peaks of the  $\Delta^{14}\text{C}$  record. The corrections of the Th–U timescale are shown in Fig. 3.

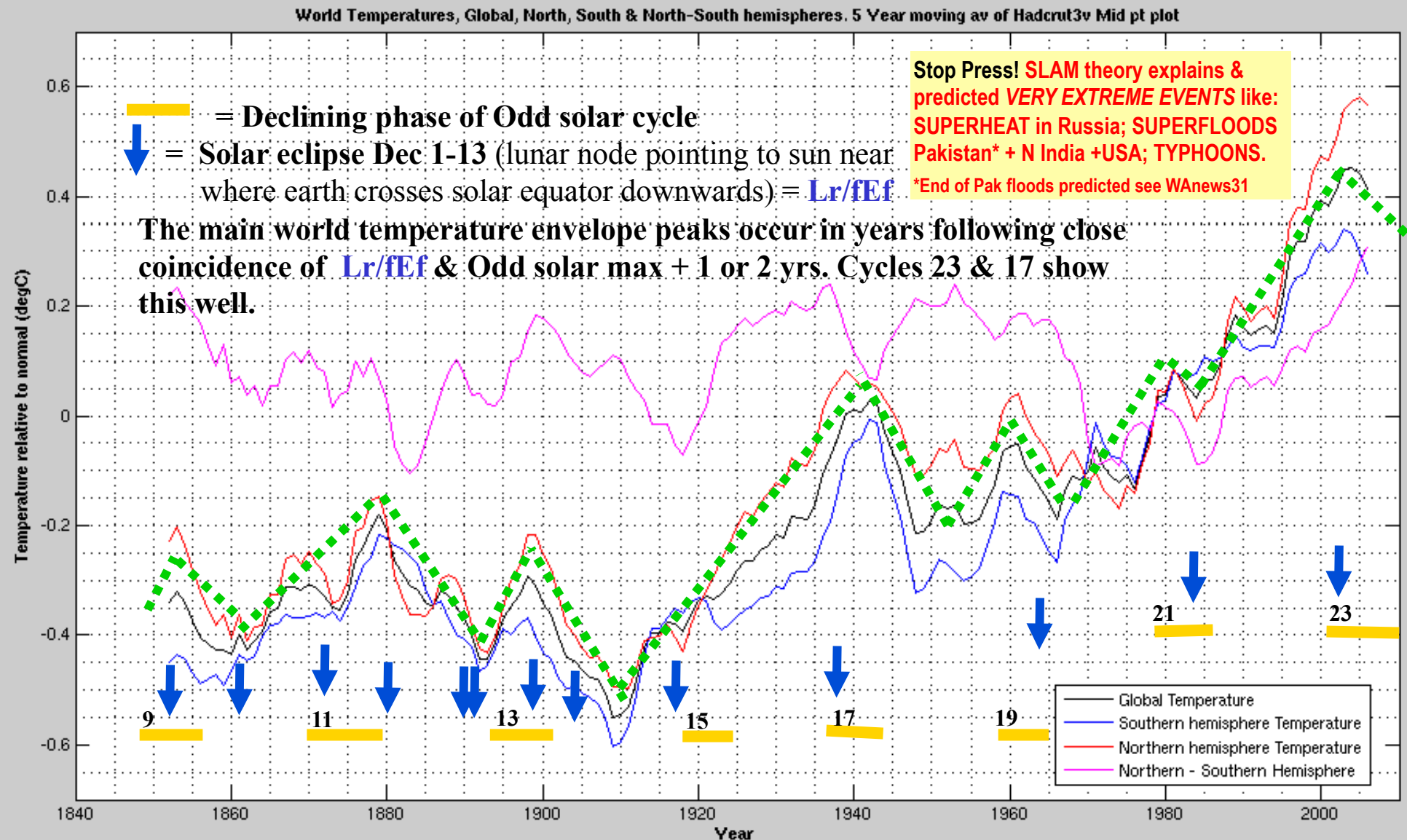
## ***Temperatures (USA) 60 yr Cycle & CO2 1895 to 2008***



- Official data - Graph by JD'Aleo Sept 2008 Circulated by Piers Corbyn [www.weatheraction.com](http://www.weatheraction.com)



# SLAM – Solar Lunar Amplitude Magnetic – Process – 60yr signal

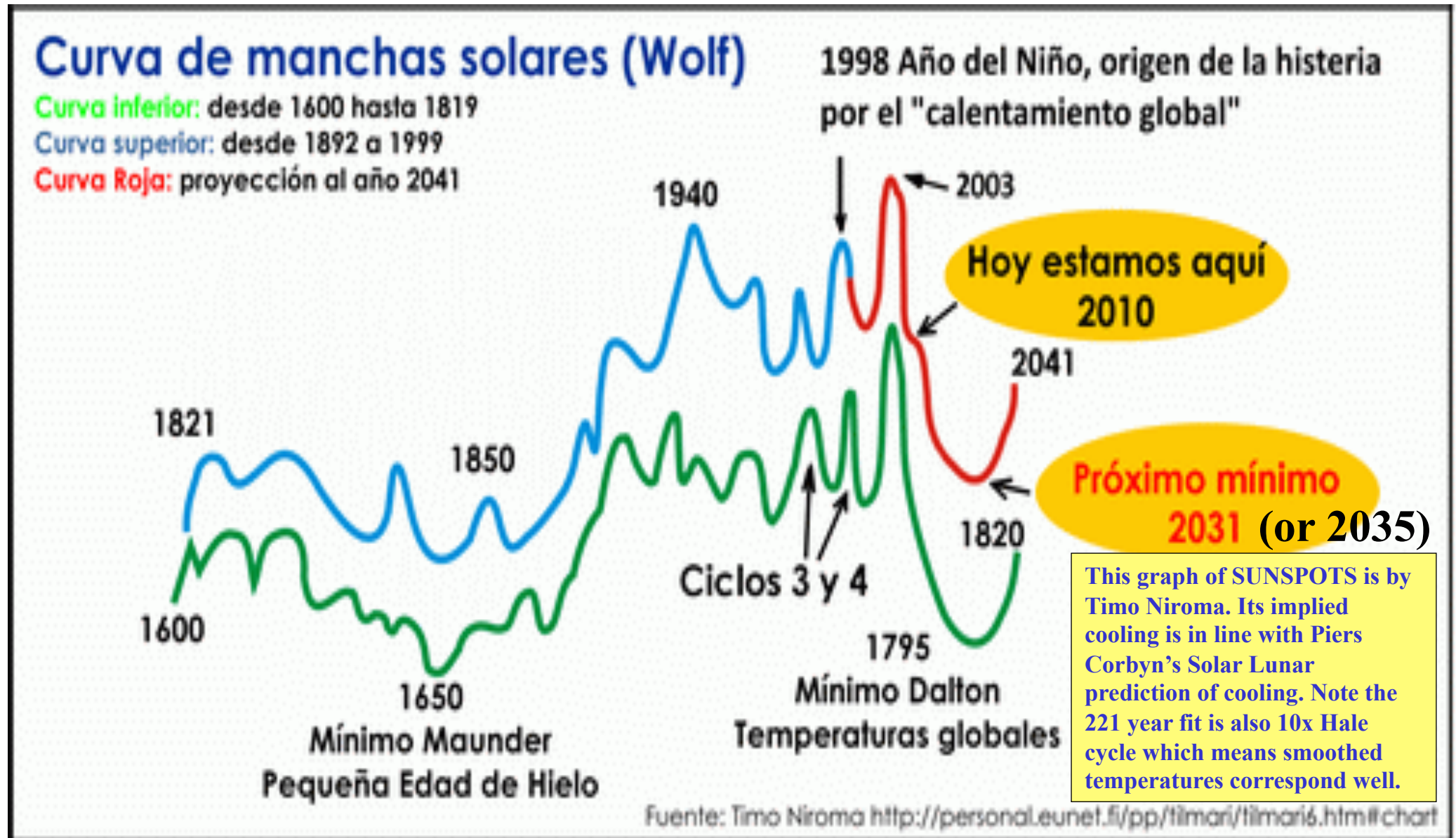




# Where is World Climate Going?

## Solar activity predicts Major **COOLING**

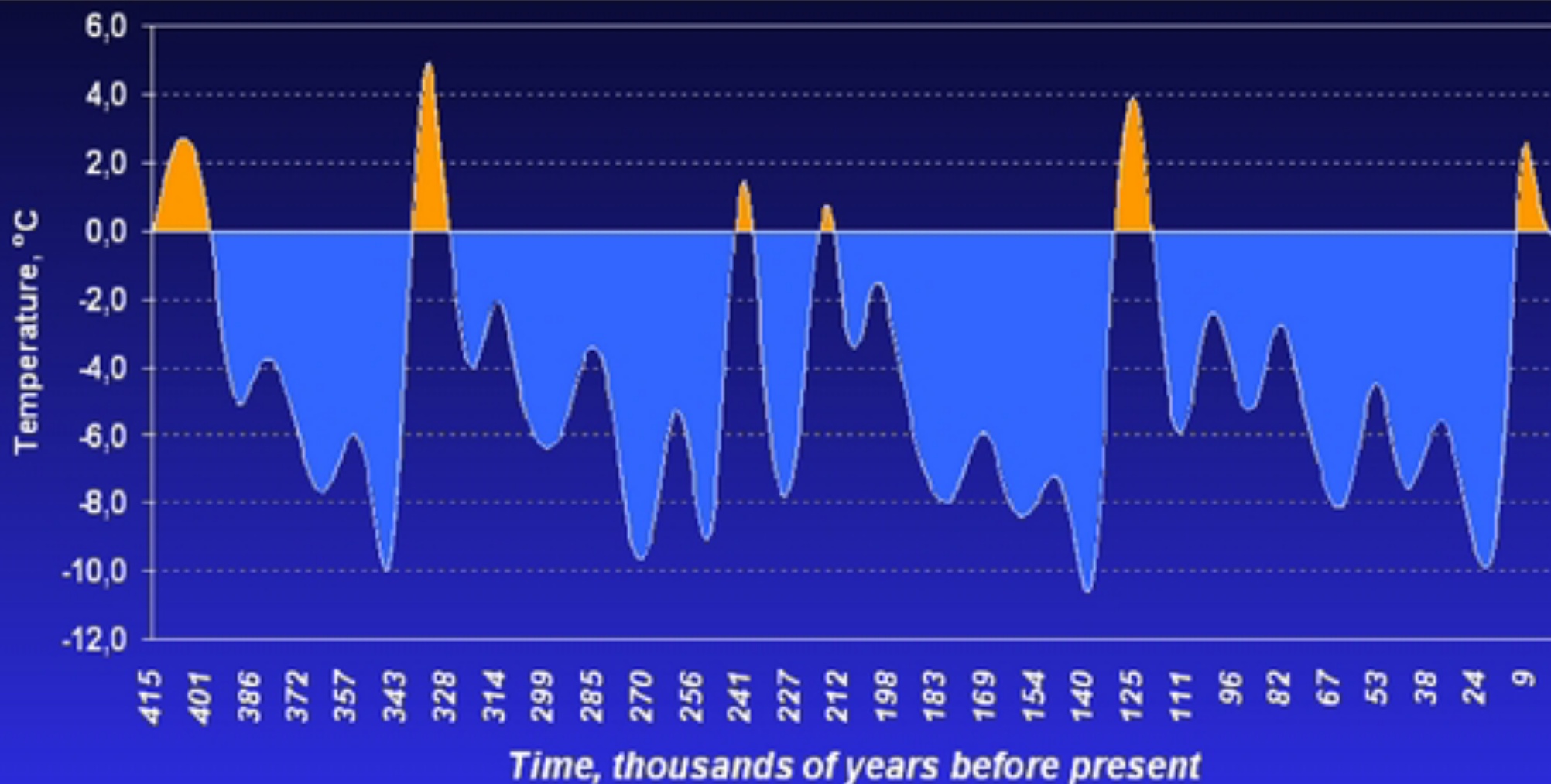
Acknowledgements below



# When is the next ice age coming?

- Evidence suggests **IT IS ON THE WAY**

Acknowledgements below



Source: Petit J.R., Jouzel J., Raynaud D., Barkov N.J., Barnola J.M., Basile I., Bender M., Chappellaz J., Davis M., Delague G., Delmotte M., Kotlyakov V.M., Legrand M., Lipenkov V.Ya., Lorius C., Pepin L., Ritz C., Saltzman E., Stievenard M. Climate and atmospheric history of the past 420,000 years from the Vostok ice core, Antarctica. *Nature*, vol. 399, N 6735, 3 June 1999, pp. 429-436.

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# GW is renamed Climate Change

The theory of 'Global warming' holds that Man's CO<sub>2</sub> causes Global Warming and this causes other Climate Change and extremes.

**CO<sub>2</sub> → Global Warming → Climate Change**

We have heard a lot about weather extremes & 'Climate Change'

**Since 1998 CO<sub>2</sub> has gone up *but World Temperatures have gone down.***

ALL subsequent years\* have been colder than 1998

Or In terms of two year moving averages the peak was 2002/3

\*From Official estimates of world temperatures: <http://www.cru.uea.ac.uk/cru/data/temperature/hadcrut3vgl.txt>

**So there are claimed extra effects – 'Climate Change' - *without temperature rise to cause them!***

***AND has post Industrial revolution CO<sub>2</sub> caused ANY change that wasn't going to happen anyway?***

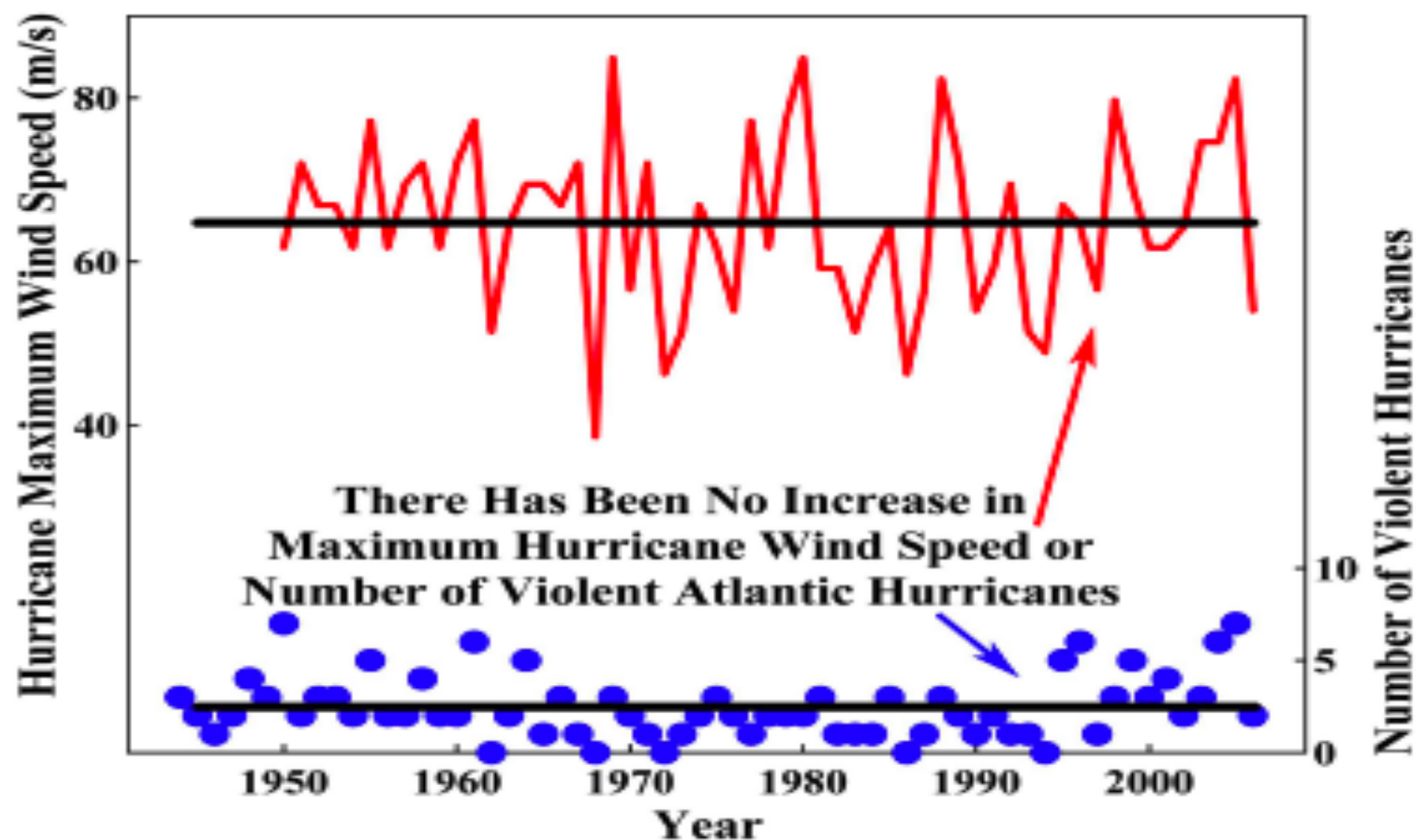


Figure 10: Annual number of violent hurricanes and maximum attained wind speed during those hurricanes in the Atlantic Ocean between 1944 and 2006 (22,23). There is no upward trend in either of these records. During this period, world hydrocarbon use increased 6-fold. Lines are mean values.



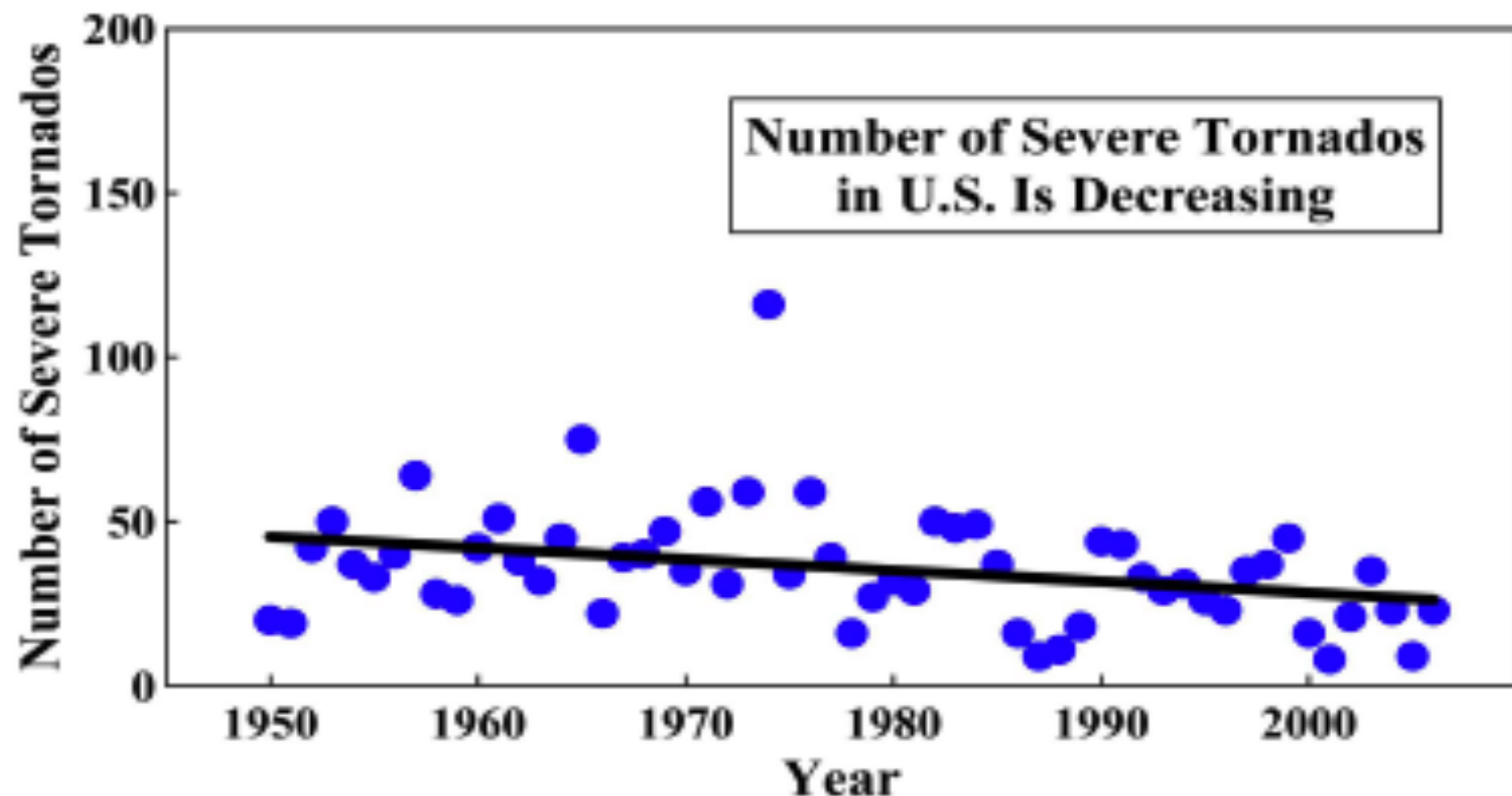


Figure 8: Annual number of strong-to-violent category F3 to F5 tornadoes during the March-to-August tornado season in the U.S. between 1950 and 2006. U.S. National Climatic Data Center, U.S. Department of Commerce 2006 Climate Review (20). During this period, world hydrocarbon use increased 6-fold, while violent tornado frequency decreased by 43%.

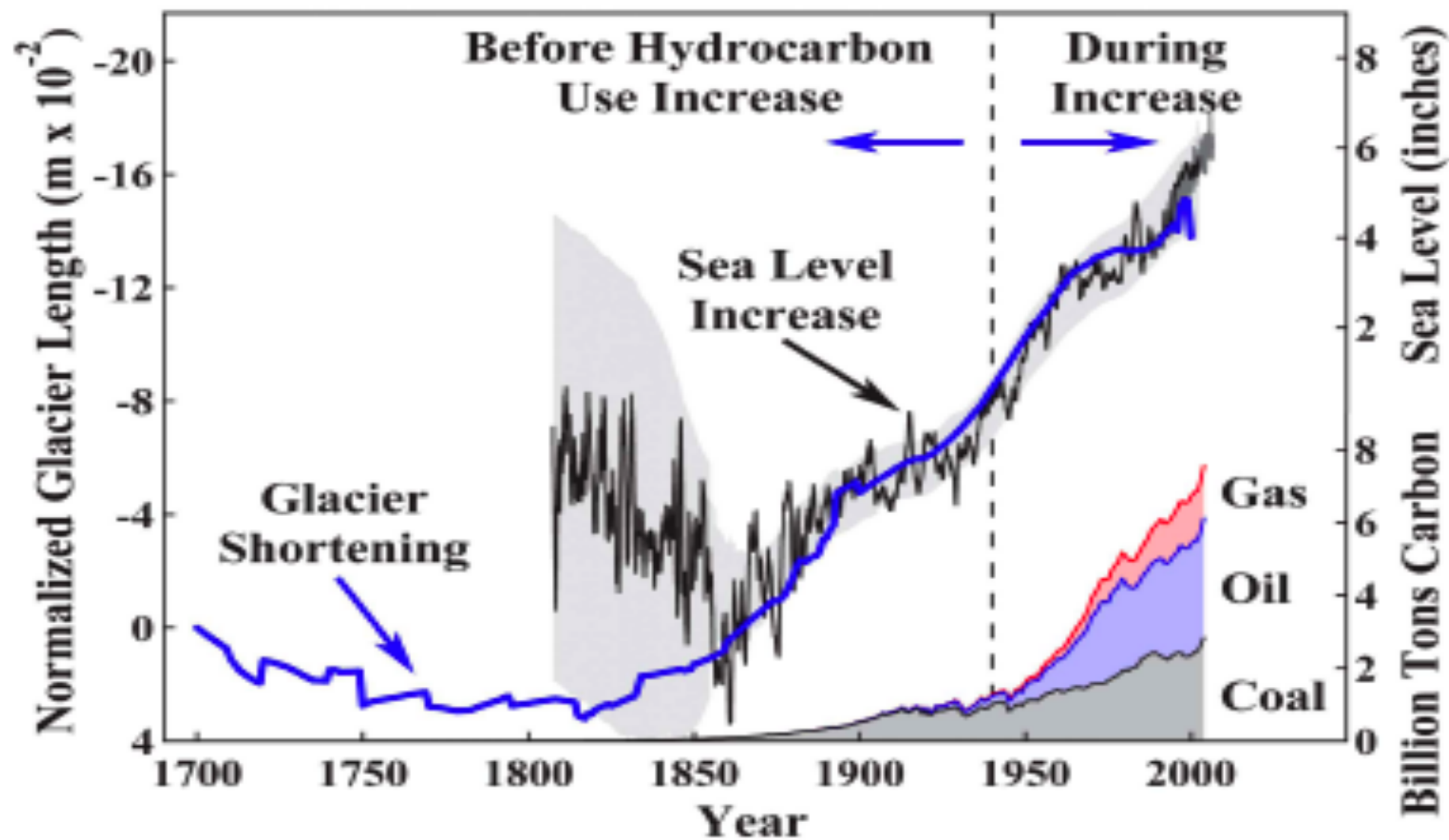


Figure 12: Glacier shortening (4) and sea level rise (24,25). Gray area designates estimated range of error in the sea level record. These measurements lag air temperature increases by about 20 years. So, the trends began more than a century before increases in hydrocarbon use.



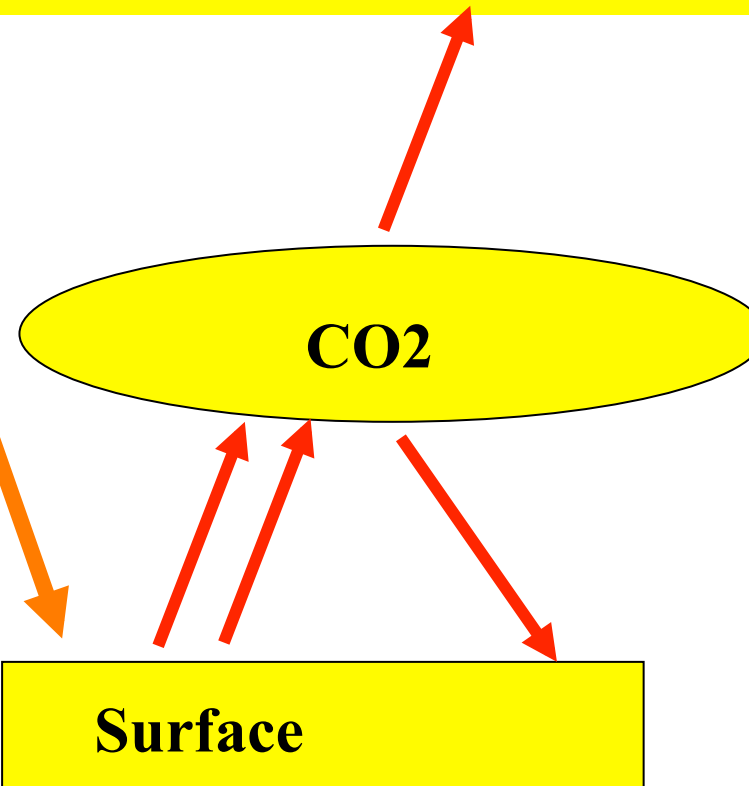
# The Global Warmers' last gasps

Claim	Refutation
“CO2 levels have never risen so fast or been so high”	<p>(i) Anything X zero effect = zero</p> <p>(ii) No evidence for this. There are no CO2 spikes in the past ice cores because CO2 is a gas and diffuses through centuries of ice. This current CO2 spike will be invisible in 1k yrs time.</p>
“ONLY CO2 can explain the temp rises”	<p><i>Really - like present world cooling!!??</i></p> <p><b>They have dropped this one!</b></p> <p>The graphs making this claim were smudge and fudge.</p> <p>Geomagnetic activity smoothed over 22yrs (solar magnetic period) fits temperature much better.</p>
CO2 effect is being ‘stored up’ & delayed.	<p>The <i>EVIDENCE</i> is that CO2 changes are generally driven by temperature. <i>This assertion is equivalent to ‘time will run backwards’.</i></p>

# Why CO2 theory does not work 1

Basic idea of the process – as portrayed in media

Sunlight I



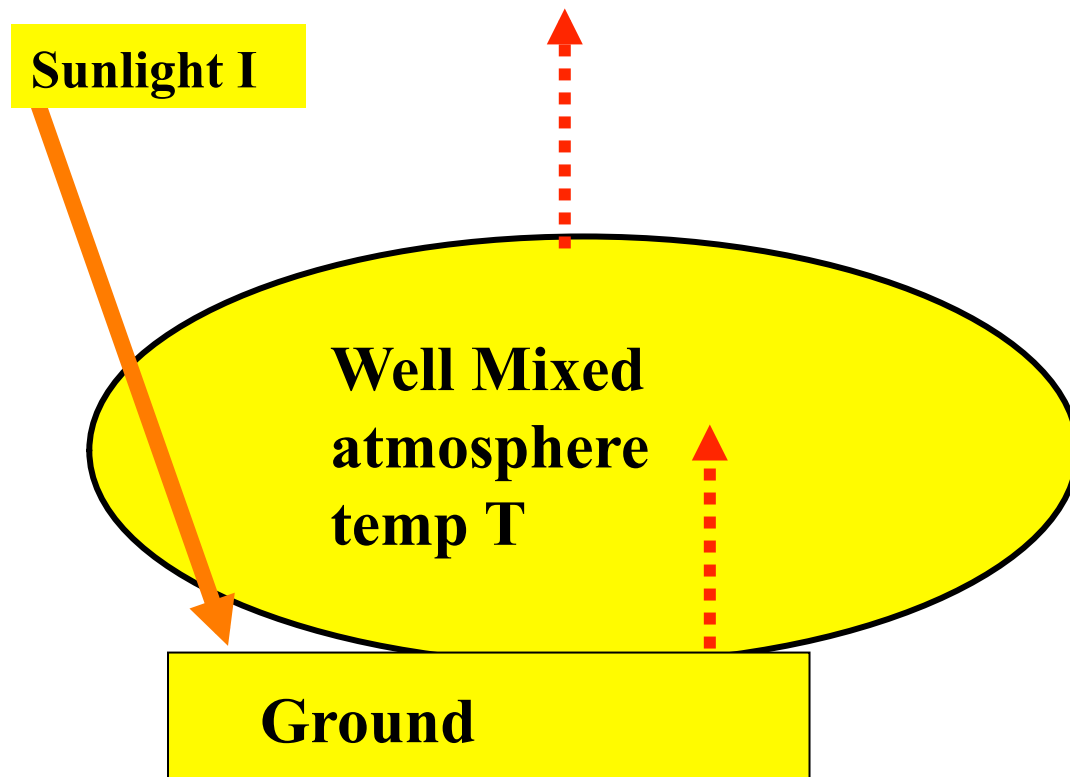
This is confusion  
and not actually  
what the CO2  
warmists properly  
argue.

Water vapour  
supposed magnifier  
Not shown



# Why CO2 theory does not work 2

It Cannot work in a uniform temperature atmosphere (not understood in media)



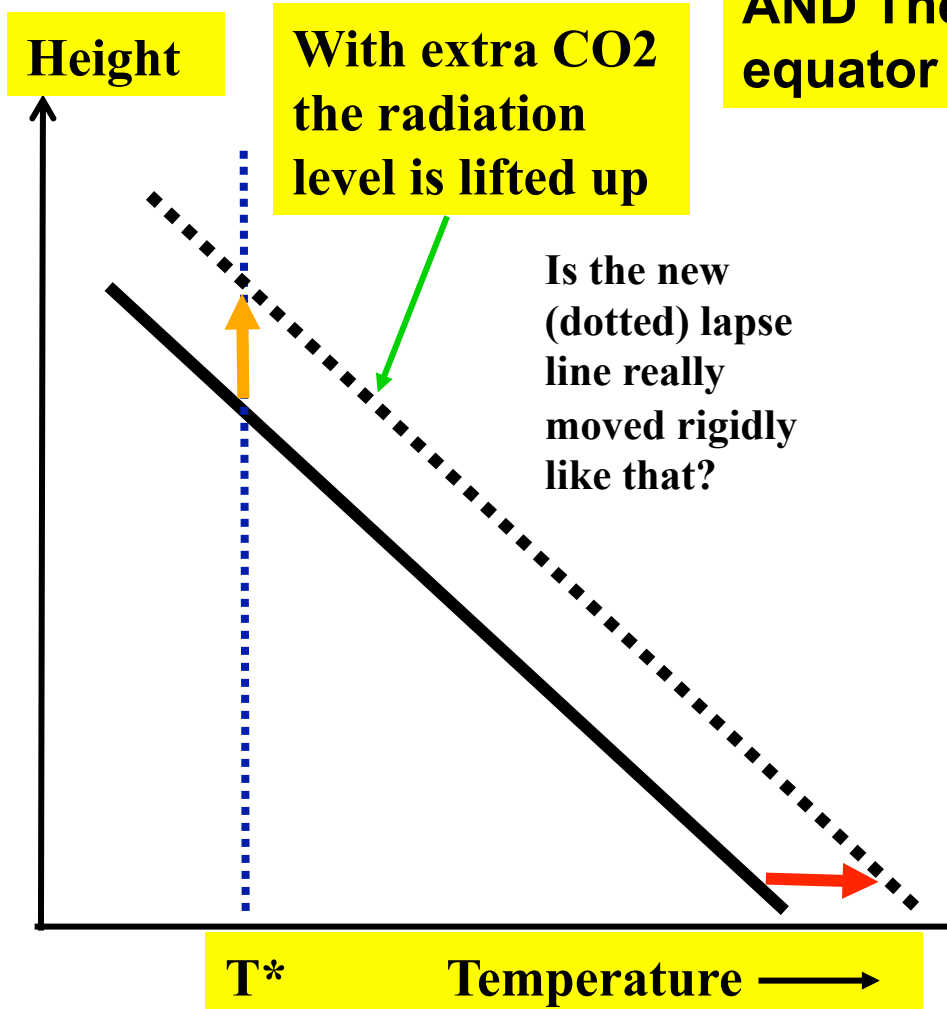
If temperature is uniform the radiation from the top (where more would come from if there is more CO2) would be the same as from the bottom or the ground, **So adding CO2 to a uniform atmosphere has no effect.**

**BUT the atmosphere is not uniform.....**

# Why CO2 theory does not work 3

The atmosphere is colder higher up due to gravity. More CO2 shifts the outgoing radiation level (Temp  $T^*$ ) & 'lapse' line up  $\uparrow$ . So it should get warmer **there**  $\rightarrow$  & on **surface**. **BUT IT DOESN'T**

AND The GWers predicted **HOTSPOT** above the equator is **NOT THERE**. It's a **COLDSPOT** instead.

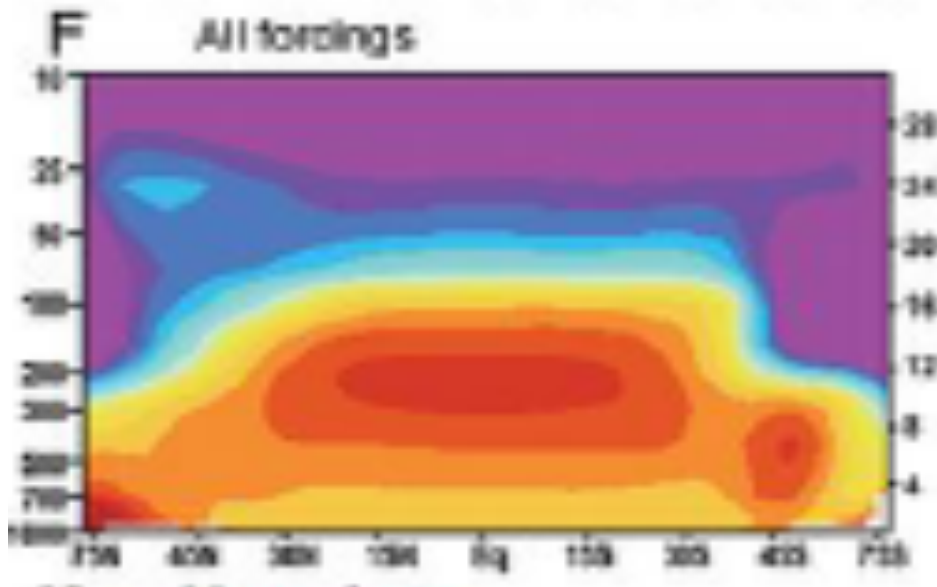


## What's Up? PHYSICS Possibilities

*Apart from IMPORTANT change in clouds/ reflectivity of atmosphere & **evaporation from oceans!***

1. A day night effect causes extra upper level cooling for more CO2
2. Changes in lapse rate curve due to changes in IR at different levels
3. **COOLING FEEDBACKS** - eg: Transpiration **cooling by plants of the surface increases with CO2.**

# Why CO2 theory does not work 3a



## THEORY of HOTSPOT

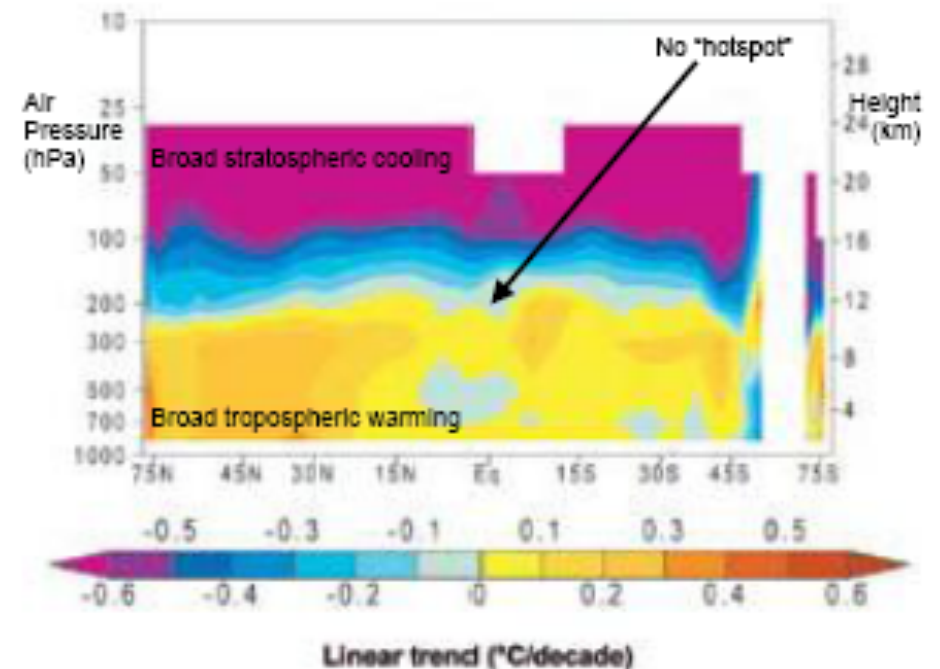


Figure 2: The observed pattern of atmospheric warming, 1979 – 1999, annotated.

What we *don't* see is a hotspot at the top of the tropical troposphere. There is no hotspot at all at 10 – 12 km up, from 23°N to 23°S: indeed, much or most of the troposphere warmed by more than the region where the hotspot would be.

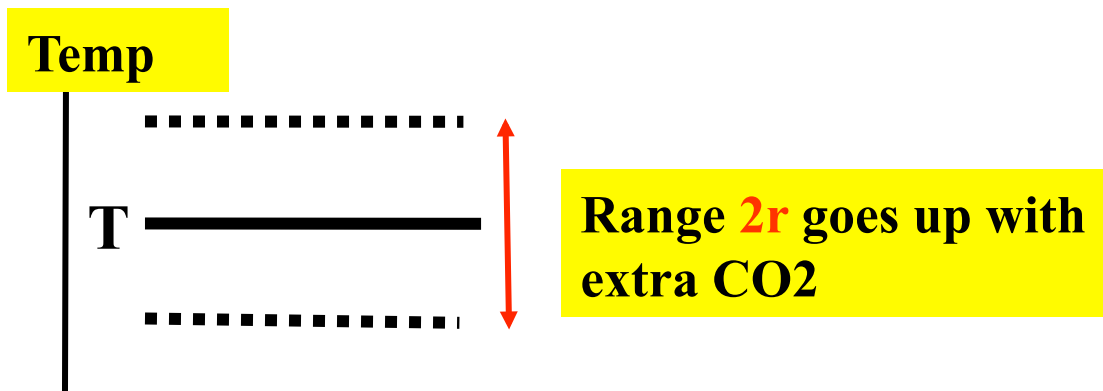
## OBSERVED COLDSPOT

Info Thanks to: <http://sciencespeak.com/MissingSignature.pdf> by David Evans



# Why CO2 theory does not work 4

In the real atmosphere there are day/night temperature fluctuations (eg in upper atmosphere). They are larger with more CO2 because CO2 (infra red absorber / emitter) gains & loses heat easier than N2 & O2 and so enables all the air to adjust quicker.



$$\text{Average radiation out is} = 0.5 b [ (T+r)^4 + (T-r)^4 ]$$

Work it out for the same radiation. For an increase  $\Delta r$  in half range, T will have to go DOWN:

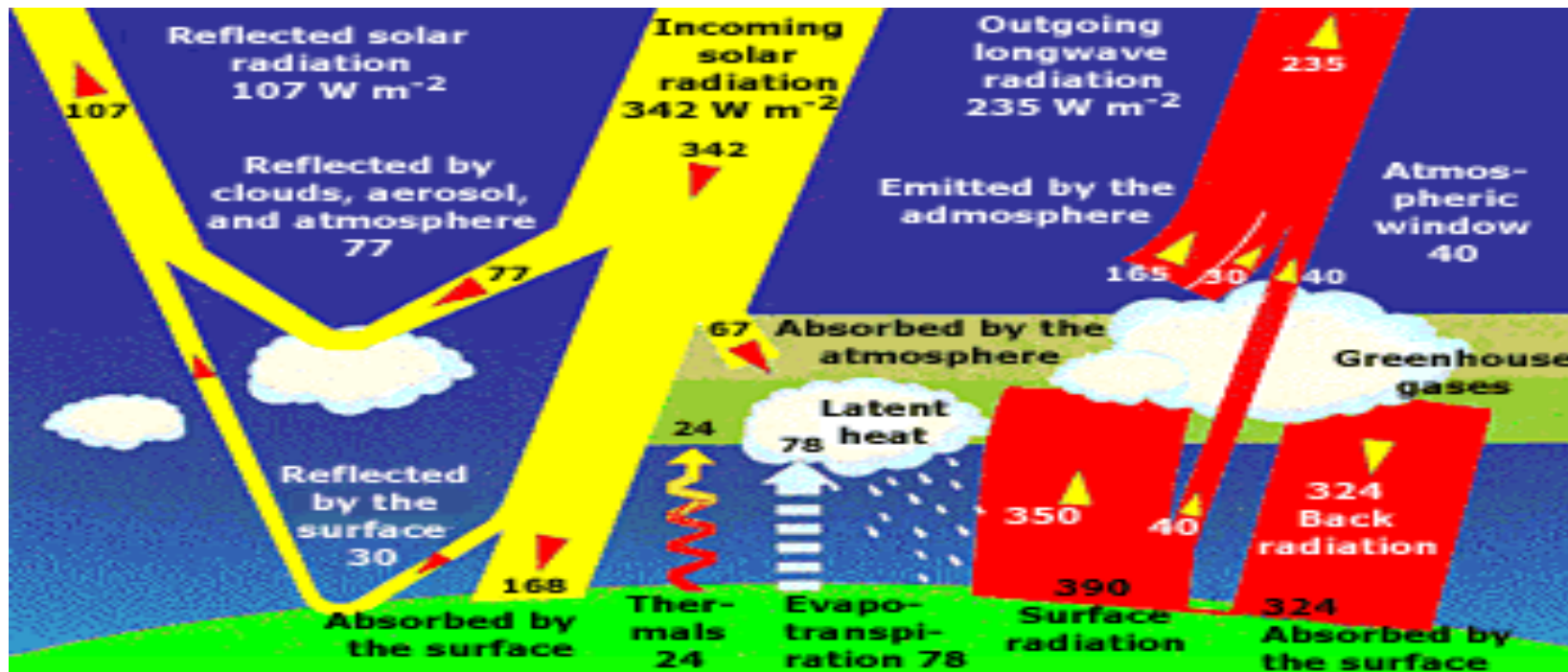
$$\Delta T = - 3 \Delta r \times r/T$$

This could (help) lead to a **COLDSPOT** on the equator - which is observed! AND shift the lapse line (at upper level) back to where it was.

# Why CO2 theory does not work 5

- further to Piers Corbyn International Climate Seminar Stockholm Sept 2006 NB THE HEAT FLOW BASIS OF THIS DIAGRAM is not necessarily reliable

**AND if there is heating effect left Extra plant transpiration-Cooling in real world will negate all extra CO2 surface heating (or cooling)**



10% or so of total evapotranspiration heat removal (cooling) is transpiration from land plants. 11% of 78 W/m<sup>2</sup> = 8.6 W/m<sup>2</sup>

NOTE The diagram using radiation flow arrows is strongly contested by some

**Doubling CO2** has been claimed to *effectively* increase CO2 Greenhouse heating of Earth surface by 3.8 W/m<sup>2</sup>. It also increases plant growth & therefore transpiration heat removal (cooling) by 40 to 45%. 44% of 8.6 = 3.8 W/m<sup>2</sup>  
**3.8 – 3.8 = 0** So CO2 increase has no net effect on world temperatures.

# Heat flow in & out of Earth's surface

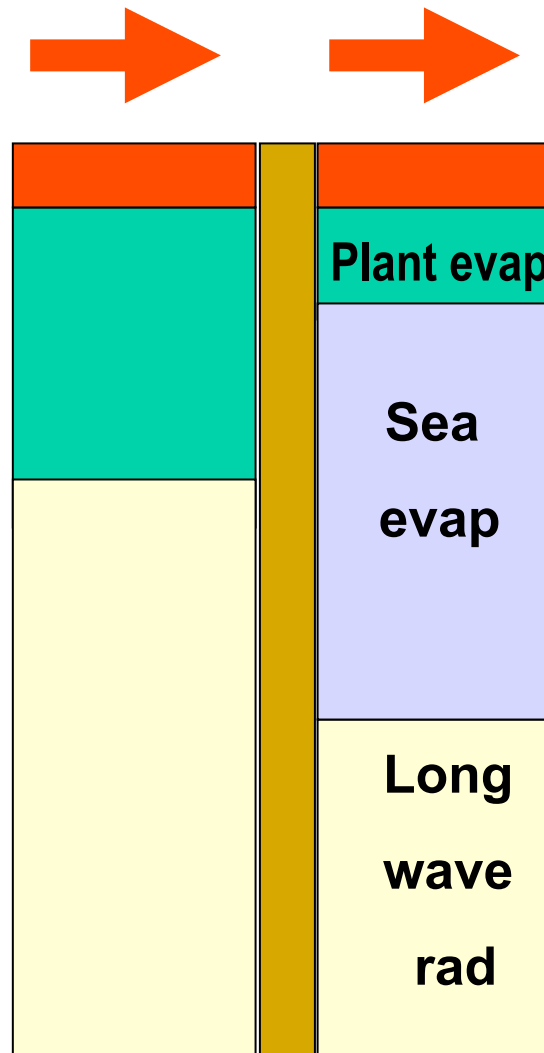
- Assuming effect of CO2 doubling reliable although that is questioned -



**Extra Radiation (OR EQUIVALENT due to atmosphere changes) to surface INFLOW = To surface from GHE if CO2 doubled =  $3.8\text{W/m}^2$**

**GHE = Greenhouse effect = H<sub>2</sub>O (largest GHE) + CO<sub>2</sub> etc**

There are also many other challengeable assumptions and feedbacks (eg ocean varying surface evaporation) which negate supposed CO<sub>2</sub> warming effects.



**Extra Photosynthesis transpiration = heat OUTFLOW if CO<sub>2</sub> doubled approx =  $3.8\text{W/m}^2$  - taken up and away from surface**

**IF there are not enough plants to do the cooling the world gets warmer, Spring gets earlier and plants grow more and have a greater cooling effect. This feedback ensures that the two effects balance over time.**



# Proven success of Solar Lunar Action Technique

**Met Office forecasted BBQ / Sizzling Summers 2007, 2008 & 2009**  
**Piers Corbyn (WeatherAction) forecasted FLOODS months ahead for each of the three summers. So what happened ??!!.....**



***Tewkesbury Floods July 2007 (left) + County Down in Northern Ireland & Fife in Scotland struck by flooding on Wed 12 August 2008 + 7-year-old Max Preston, from Merseyside, paddles his kayak around tents on a campsite Keswick 29 July 2009.***

Britain and Ireland were 'under water' July 2007. Summers of 2008 & 2009 were also mainly very wet in Britain & Ireland (espec Nth Britain in 2009) contrary to the forecasts of Standard meteorology and in agreement with WeatherAction long range forecasts. WeatherAction also predicted much **detail** of the worst deluges from months ahead & out-ran TV forecasts from a few days ahead for details, **intensity and timing** of many deluges.

**AND Winters 08/09 and 09/10 defied MetOffice mild prognoses & confirmed WeatherAction forecast for ICE & SNOW DELUGES....**

## Weather in 21<sup>st</sup> Century - Answers

Weather extremes of recent years are part of natural essentially predictable processes\*

The severe summer floods of 2007 & 2008 & 2009 were like the very wet summers of 1875, 1876, 1877 and 1879 - *associated with the approx 132 yr pattern*\* :  $6 \times 22 = 132$ ,  $7 \times 19 = 133$

The 2007 & 2008 & 2009 summer floods were predicted in detail by the SWT. This flood-likely summers situation *can* continue for a few years but is SUBJECT TO other conditions (SWT) being satisfied.

The Russian superheatwave & Pakistan superdulgues were also preceded by similar events ~132 years before - 1878

\*First explained by Piers Corbyn to Imperial College Union President's centenary dinner 27 July 2007.

**The slow sea level (volume) rise - 6 inches per century - will continue\*\* even as world surface cools. It is just ocean volume expansion due to ongoing warming of the deep ocean (*which is still cold*) since the end of the last ice age 10,000 years ago. NOTHING TO DO WITH CO2!**

{\*\*notwithstanding changes in ocean floor shape such as the appearance of trenches and sumps in the Pacific as the Indian sub-continent pushes up the Himalayas and drive Tsunamis}

It's not a cold

***SNAP*** -

It will go

***ON & ON***

It was predicted  
by WeatherAction  
6 months ago

with

**DETAILED TIMING of  
Snow & blizzards** prod later

(Full Jan detailed forecast in 10 time slots periods: <http://www.weatheraction.co.uk/forecast.asp>  
Full details are normally produced at least 30 days ahead)

And **Red Warnings** that snow would be heavier  
than Met Office/TV forecasts in predicted short  
periods\* (eg Jan 2/3, 5/6, 8/9.....) [www.metoffice.gov.uk/forecast/uk/summary](http://www.metoffice.gov.uk/forecast/uk/summary)

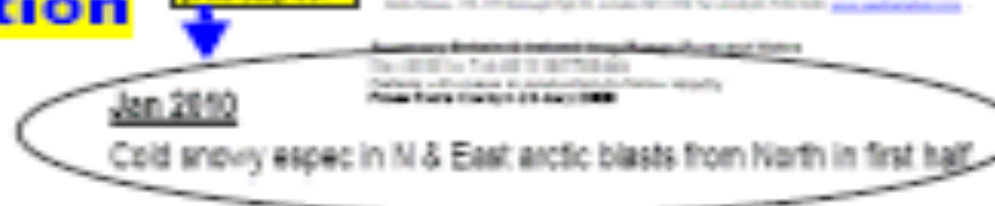
- \*These periods are called SNIPS - Short Weather Impact Periods and mean that more  
uncertainty will be low or less than low conditions for the Met Office compare 24 hrs ahead.  
This means that snow due on 5/6\* in England will not be the  
10inches\* tops predicted by Met Office but more like **2 Feet**.
- \* First Deputy secretary of WeatherAction wrote that their forecast predicts for the period  
**Frid 8th & weekend 9/10th are likely to suffer  
even greater blizzards & snow deluges.**



WeatherAction  
Forecast codes  
prod July 09



**CONFIDENTIAL**  
Brit & Ire Forecast Notes  
Nov 2009 to Feb 2010  
[www.weatheraction.co.uk](http://www.weatheraction.co.uk)



4-7 JAN 10 A + 10% Some warnings as also Jan/10
<b>Red Warning TOP SNIP</b> expect little Major increase in frontal activity, precip. Thunder 20
Widespread rain & blizzards with gales over gales in Scotland, NE England & N Ire. BETTER WIND in North & East. Less snow and rain in Ireland & West.





The overturned coach which crashed 10ft into a river from black ice covered in fresh snow on a Lancashire bridge 05.50am 31 March. Natasha Jade Paton, 17, from Cleghorn, near Larnock died in the crash.

Why Wasn't that Lancashire Road bridge salted 30/31 March? BBC  
challenged to ask the questions which expose the truth

<http://www.weatheraction.com/pages/tv.asp?topic=36&id=0>

27-31 MAR / 1 APR BC = 70%

Solar Factors: **Significant SWIP 27th-29th & also 31st / 1st Apr**

*Likely possible weather map scenario:*  
Cyclonic/Northerly with Atlantic ridge receding and fronts from North West (& deep low attack from NorthWest) later.

Heavy showers & windy turning wintry with significant snow on Scottish hills.



Heavy showers & windy. Hail, sleet & snow in North.

Moderate / strong later in North / West.

Cold

Cloudy / dull

## Solar Activity Rules!

For example April 29<sup>th</sup>  
Coronal Holes led to  
Increases in geomagnetic  
activity & jet stream shifts &  
predicted tornadoes,  
thunder & massive floods  
USA & Azerbaijan (details  
WeatherActionNewsNo19)

## Movie of jet stream

[http://squall.sfsu.edu/scripts/nhemijetstream\\_model.html](http://squall.sfsu.edu/scripts/nhemijetstream_model.html)

- Archive jet stream – Animated Loop  
– 2010 May 1<sup>st</sup> 0z - 4 days - 6 hr steps

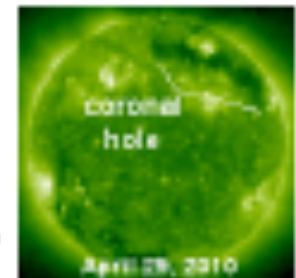
SEE May 2<sup>nd</sup> / 3<sup>rd</sup> as Coronal  
Hole effects hit – major Jet  
over SE USA & mid East -  
extra JS thrashing about /  
break-up. Polar core wind  
rotation changes direction  
May 3<sup>rd</sup>

## Coronal Holes drive Solar wind changes which trigger PREDICTED thunder, tornadoes & floods

### The Chain of events...

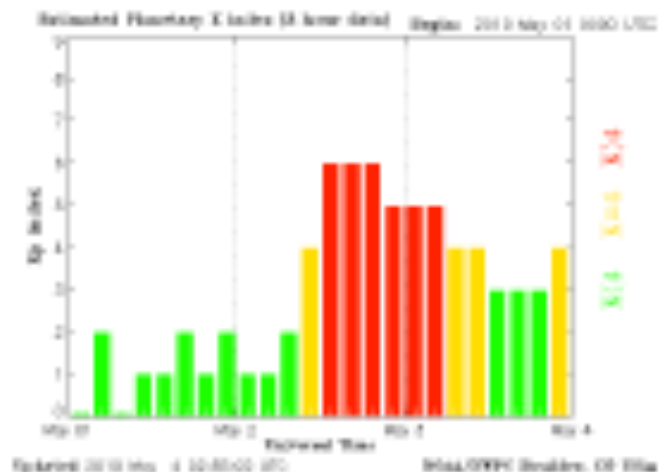
**1. Coronal Holes** observed on April 29<sup>th</sup> appear to have been the  
main trigger for the extreme events later in this series of predicted SWIPs. See  
[http://www.nasa.gov/content/2010\\_04\\_29\\_01.html](http://www.nasa.gov/content/2010_04_29_01.html)

The NOAA warning of April 29<sup>th</sup> was: A solar wind stream flowing from the localized  
coronal hole could reach Earth on or about May 1st. Credit: STEREO-B / Solar Wind

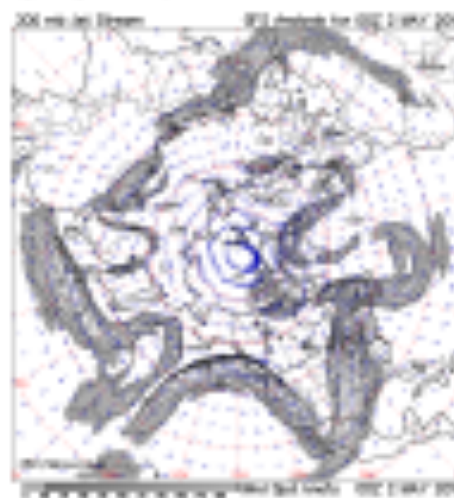


### 2. Major increases in Geomagnetic activity (right)

as the extra excited solar wind strikes Earth's  
magnetosphere and ionosphere.  
Many other sub-events such as new Solar flares  
alongside Coronal Holes  
[http://www.nasa.gov/content/2010\\_04\\_29\\_01.html](http://www.nasa.gov/content/2010_04_29_01.html)  
and ionospheric disturbances associated with extra  
geomagnetic activity, also occur.



### 3. Jet Stream Shifts (below) in consequent predicted SWIP's - Solar Weather Impact periods (particulate - near space storming)



### 4. PREDICTED Extreme weather events across the World

Notice the greatly increased Jet stream speeds over SE USA  
and Mid-East / Azerbaijan around 2<sup>nd</sup> May (left) where  
predicted extreme events were confirmed.

Visit <http://squall.sfsu.edu/analysis/analysis.html> to consult  
review of Jet stream development.

The jet stream changes corresponding to the predicted cold blizzard  
blows over Britain & Ireland around 1-3 May are also apparent.

For full forecasts of World Extreme events, Europe Extreme events,  
Europe Forecast pressure Maps and Britain & Ireland detailed  
forecasts visit - <http://www.weatheractionnews.com/forecast.asp>

**And the  
thunder,  
Tornadoes  
& Floods!  
came  
- to the day!**



<http://www.examiner.com/ExaminerSlideshow.html?entryid=1230132&slide=1>

Severe Floods North Mississippi May 2 confirm predicted effects of WeatherAction world-wide SWIP (Solar Weather Impact Period) May 2/3 and deluges from major SWIPs in preceding days.

Simultaneous Major Floods in Azerbaijan (below) and related floods in Riyadh Saudi Arabia also confirmed WeatherAction specific warnings.

<http://www.news.az/articles/14845>

<http://saudijews.org/2010/05/03/riyadh-crisis/>





## World jet stream shift ends Russia heatwave + Pakistan Superdeluges

- **Solar-driven forecasts confirmed**

- Could world wheat crisis have been averted?
- Will Russia & Pakistan be hit again next year?
- Is SatelliteGate the end of Global-Warming religion?

Long-range forecasts by Piers Corbyn using his Solar-magnetic and Lunar effects Technique correctly forecast the West Russia heatwave and correctly predicted when the Jet stream would undergo a dramatic world shift and end both the Russia heatwave & Pakistan SuperDeluge.

### Russia heat ends as forecast

Piers said "We are very pleased with this result. I explained on Russia Today tv <http://bit.ly/9S5VwI> that these events were driven by solar-magnetic lunar cycles which is why there were similar events around 132 years earlier. We warned (eg in [video](#) of 31 July [MAGNETICFORC](#)) that the most significant extreme events across the world this August would be around 15<sup>th</sup>/16<sup>th</sup> August - as part of **15<sup>th</sup>-19<sup>th</sup> RED WARNING** - eg EuroMaps & Brit./ire forecasts <http://bit.ly/bNMJ77> and part of a general world shift in the Jet-stream. There were many very dramatic events in this period (see over) including massive deluges in St Petersburg 15<sup>th</sup> August starting the end of the headwave [http://bit.ly/bNMJ77](#) in a manner which closely matches our forecast - see [Video](#) by Nuna Ridge [http://bit.ly/bNMJ77](#) & [http://bit.ly/bNMJ77](#). There were also major deluges in France, across Europe and in SE England Channel 4 TV's big brother house flooded on 16<sup>th</sup> Aug [http://bit.ly/bNMJ77](#). The dramatic penetration of the jet stream (grey bits) into West Russia on 16<sup>th</sup>-18<sup>th</sup> is clear in the jet stream flicker-movie [http://bit.ly/bNMJ77](#) (archives).

### Pakistan floods drop as forecast

"In Pakistan, as we warned, there were 'last flood' extra deluges around 15<sup>th</sup> which caused new floods – eg in Dadu-Moro [http://bit.ly/6JvJ4Y](#) (click) and in next day or so then a general change to less deluges in Pakistan is following as the Low pressure in the Arabian sea filled (see 18<sup>th</sup> Aug Pressure map – [http://bit.ly/6JvJ4Y](#)) compared to situation around Aug 2<sup>nd</sup> [http://bit.ly/6JvJ4Y](#) and the whole world jet stream transform to a new state as predicted by the Solar Lunar Action Technique.

**New solar action hits ionosphere & forces jet stream shift**

**We TOLD YOU so - It's NOT CO2!**

Piers Corbyn astrophysicist of WeatherAction predicted the heatwaves in East Europe & WestRussia in his **Euromaps** long range forecasts - <http://bit.ly/3b33477>

On 3 Aug Pina warned – see <https://bit.ly/whosSYQ> – that the deadly heat in West Russia & deadly floods in Pakistan would largely continue until mid-August, then decline and next decrease sharply.

On 8 Aug he gave more detail: <http://bit.ly/1S0T5n> "(85% confidence) both the Pakistan deluges and the West Russia heatwave will continue to mid August and probably INTENSIFY for a day or so around the dates August 9th, Aug 10th and most notably Aug 14th/15th after which both the Pakistan deluges and Russia heat will markedly decline in ferocity. For Pakistan however significant floods downstream in the great rivers will continue for about 5 days.

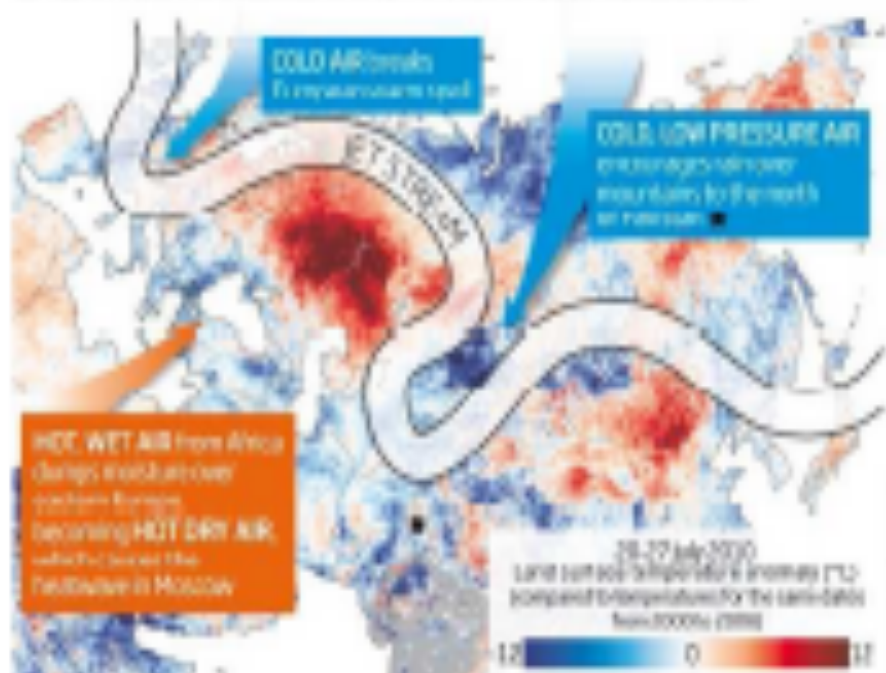


In line with Plans Corbyn's detailed long range forecast storms belated St Petersburg Sunday 15<sup>th</sup> Aug before moving towards Moscow as the jet stream changed as predicted. In Pakistan there were also extra delays then marked about most of the sea as weather patterns changed as predicted.

## Holding pattern

In the second half of July, a blocking event from the meanders of the jet stream over Europe led to extreme weather across the continent.

© NewScientist



The landslide in Faliadi, a small town in Yunnan province, was the latest of a succession of natural disasters to have struck China this summer after torrential downpours unleashed floods and collapsed hillsides.

Accuweather reported major thunderstorms (+ tornado risk) in period 15-19h in USA Midwest, Gulf, Ohio, Central plains, Boston-Washington, Oklahoma, N Plains, Louisiana.

**Lighting downed a plane on San Andres island Colombia**  
(in Gulf off Nicaragua) 16 Aug. <http://bit.ly/2AN7EDJ>



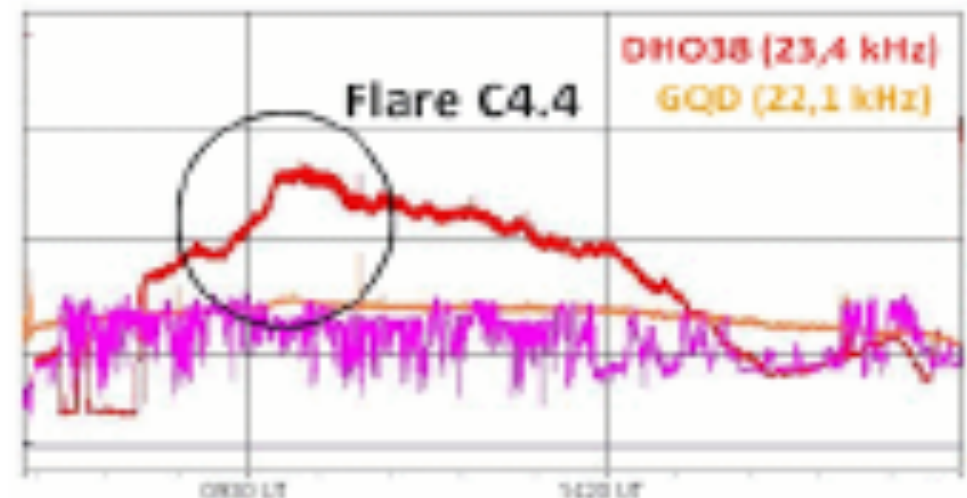
Above: <http://www.kellogg.co.uk/news/oldnews/oldnewsaddress/21543550.htm>  
 contains weather forecasts and landfills in pictures: <http://www.kellogg.co.uk/news/oldnews/oldnewsaddress/21543550.htm>



## Double sunspot eruption ⇒ Sudden Ionospheric Disturbance = Jet stream shifts ⇒ Russia heat & Pakistan superdeluges end

On the morning of 14<sup>th</sup> Aug a TWO sunspot solar flare (C4 class) erupted hurling plasma and X rays to Earth for two hours causing a simultaneous major SID - Sudden Ionospheric Disturbance (X rays travel Sun-Earth in 8 mins) and then the jet stream shifts and dramatic weather changes across the world as predicted.

See <http://www.youtube.com/watch?v=9M7x-IMj9d8> In video from [http://www.sfsu.edu/scripts/nhemjet\\_archloop.html](http://www.sfsu.edu/scripts/nhemjet_archloop.html)



Double-Spot flare left & SID above on 14 Aug

Apart from the dramatic changes in Europe, Russia and Pakistan there were other major weather events in the period 15-19<sup>th</sup> Aug associated with the predicted jet stream changes. - There were continuing huge deluges, massive floods and landslips in China - eg [http://bbcnews.com/1/0/2010/08/100815\\_china\\_floods.html](http://bbcnews.com/1/0/2010/08/100815_china_floods.html) 15<sup>th</sup> Aug

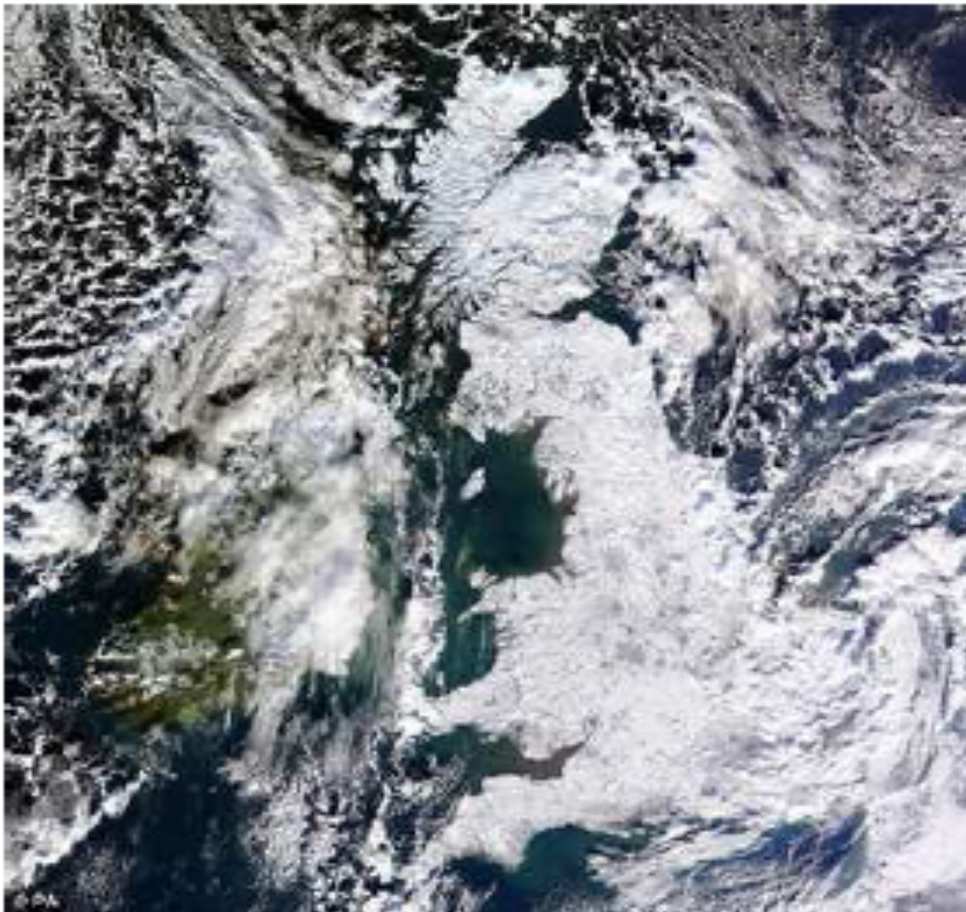
**Double Sunspot superfast 400 Million mph coronal ejection 2010 14<sup>th</sup> Aug 10:05z**

<http://www.youtube.com/watch?v=9M7x-IMj9d8> Sudden Ionospheric Disturbance peaks 15mins later Jet Stream dramatic shift starts 12hr later. Thunderfloods hit St Petersburg afternoon 15<sup>th</sup>. Extreme events around world. SEE

[http://squall.sfsu.edu/scripts/nhemjet\\_archloop.html](http://squall.sfsu.edu/scripts/nhemjet_archloop.html) CHOOSE start 13<sup>th</sup> Aug 00z, 5days, 6hrs steps



# Gross damage, suffering & loss of life is and will be caused by Climate Change Policy



Snow covered Britain & Ireland from Space (NASA photo 7th Jan 2010) confirming WeatherAction Long range forecast issued July 2009, ahead of all others.

**If Britain Ireland & Europe relied on wind farms the lights would go out every winter – and there will be more cold ones!**

**The Global warmers silly mild winter forecast led to road-salt running out, extra accidents & road deaths**

**And there is Biofuels (burning food), Carbon trading, job destruction for Carbon handouts (eg Redcar).....**



# What Does & Doesn't drive Climate

## One **X** and you are out!

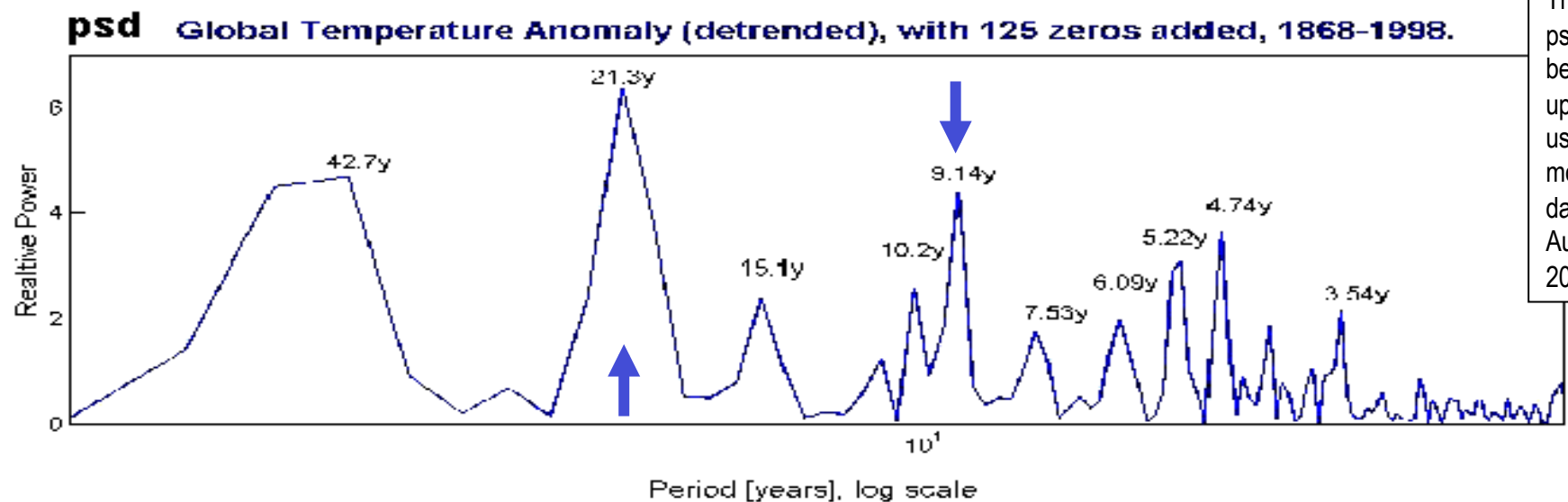
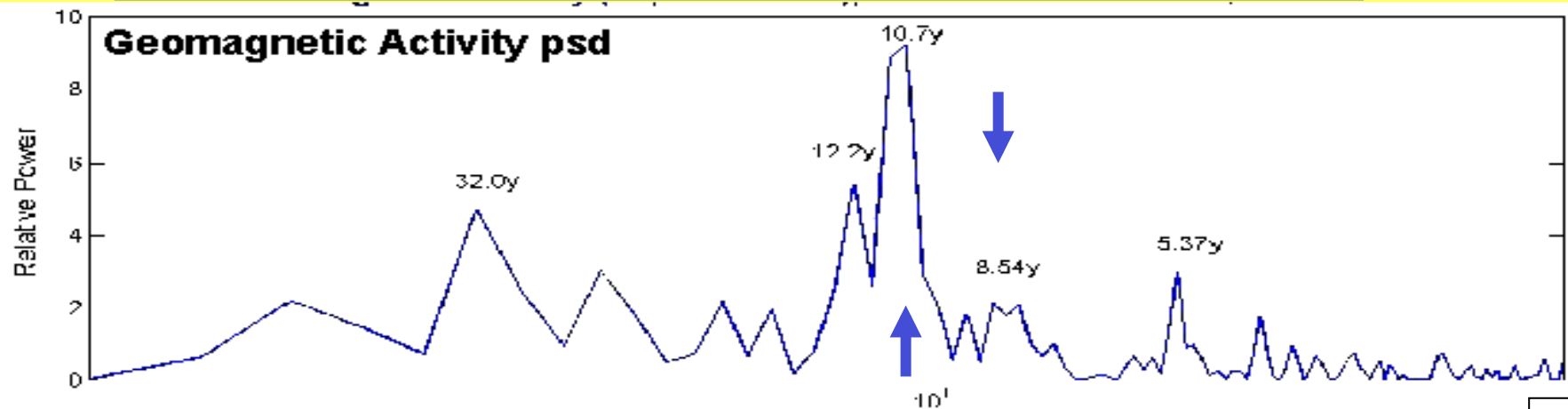


Evidence Candidate → ↓	Temps 1975 to 2000 (smoothed)	Temps last 100 or 1k or 10kyrs	Temp last 25k yrs	22 yr signal world temp	60 yr signal PDO & World	Extr- eme Event Fore- casts	✓ = Might explain That evidence <b>X</b> = Doesn't work
<b>CO2</b>	✓	<b>X</b>	<b>X*</b>	<b>X</b>	<b>X</b>	<b>X</b>	Shows on long time scales CO2 is driven BY temps
(Extra solar) <b>Cosmic Rays</b> (avoid confusion with solar muons etc)	✓	✓	✓	<b>X</b>	<b>X</b>	<b>X</b>	NB Total Energy flux of solar particles ~300 times Cosmic rays <small>See 13th May 2009 WeatherAction News No 30 = <a href="http://www.weatheraction.com/displayarticle.php?id=13">http://www.weatheraction.com/displayarticle.php?id=13</a></small>
<b>Light variation in solar cycle</b>	✓?	✓?	✓?	<b>X</b>	<b>X</b>	<b>X</b>	Light variations in solar cycle less important than solar magnetic (but UV important)
<b>Solar Activity &amp; MAGNETIC Link/ modulation</b>	✓	✓	✓	✓	<b>X</b>	✓	<b>Solar charged particles in the solar wind are the AGENTS which connect solar activity to Earth's weather.</b>
<b>Solar AND LUNAR Amplification Magnetic (SLAM) Process</b>	✓	✓	✓	✓	✓	✓	<b>The Solar-Lunar Action Forecasting Technique beats ALL others from weeks to decades and probably centuries ahead.</b>



# Cycles of variation - PSDs - of Solar Particles {Geomagnetic Activity, aa,detrended} & World Temperatures (125 zero's added) 1868 - 1998

Peaks on this plot mark the main periodicities present in the data



NB  
These  
psds are  
being  
updated  
using  
monthly  
date to  
Aug  
2009)

Piers  
Corbyn,  
Weather  
Action

**The largest and highly significant signal in World Average Temperature records is the Solar-Magnetic, or Hale Double-sunspot cycle; which has averaged 21 to 22 years since 1868**

# So What Drives World temperatures & weather ?

<b>World Temps</b>	=	<b>Solar Activity</b> (level & Timing)	X	<b>Magnetic Links</b>	X	<b>Lunar Modulation</b>
		(11yr)		22yr		(18.6/9.3yr)
				<i>SLAM gives the 55-60yr signal</i>		

**Need**  
Can estimate

**Known**

**By What Agencies & Mechanisms ?**

The **Total Weather State** of the earth at any time is essentially defined by its '**SWT**' State

**SWT** = (Solar activity *indicators*) x (sun-earth Magnetic links) x (stratospheric winds) x (season) x (lunar modulation)x(etc)

→ **Total Weather State = TWS**

or **SWT** → **TWS**

The **SWT State** (= a set or 'vector' in SWT phase space of **Weather Action Indicators**) is predicable forwards & backwards in time!

**A specific SWT state in the future will in general have corresponding similar SWT states at times in the past.**

The weather **EVENTS** in those past states and times are similar to what will happen in the future and such **LOOK-BACKS** (events or short periods) are therefore **PREDICTORS** for future weather.

# What to do? – 4 point plan



## 1. ENJOY life! Enjoy the planet!

Don't feel guilty about 'carbon footprints'. CO<sub>2</sub> is the Gas Of Life (GOL)! More GOL increases the bounteousness of plant & animal life. GOL (CO<sub>2</sub>) IS NOT A POLLUTANT.

**MORE CO<sub>2</sub> IS GOOD NOT BAD!!!!**

## 2. ACCEPT Man can't change Climate!

**The Problem is Climate Change POLICY.**

'Climate Science' lacks integrity. Science is not driving policy. It's the other way round!

**Prove and predict.** Basic standards of science should be applied in Climate science.

## 3. STOP THE CARBON CON

Carbon Trading & all 'Green' games are a **CON to create a bubble of false value** in a new **CARBON CAPITALISM** just like the property and banking games which got the world into its current mess. **Be honest Green** - Stop real pollution - Defend biodiversity - Go for cheap energy and Accountable Evidence-based science & policy.

## 4. USE Proven forecasts – Reduce losses & save Lives!

**Support a new World effort to predict & prepare for all natural disasters**

# What must Politicians do?



**PUT Accountable evidence-based science & policy before ideology and fraud.**

- 1. Organise an OPEN HONEST EVIDENCE-BASED DEBATE ON CO2-Climate Change involving scientists, economists & public on all sides.**
- 2. STOP all laws & policies for Carbon reduction, Carbon tax & Carbon trading  
- SAVE the country £18 billion per year.**
- 3. KEEP honest green policies to reduce smoke & chemical pollution and defend biodiversity.**
- 4. Call on the UN to replace the IPCC with an expanded world Emergency Force which USES Proven extreme event forecasts to prepare for disasters - reduces losses & save Lives!**



## Proxies drivers and modulators

**Beware confusion of cause, effect & association!**

Increased solar (magnetic) activity excludes more cosmic rays (extra-solar high energy) from solar system and Earth. Cosmic rays convert N14 to C14 so C14 is a reverse proxy for solar activity.

**$\Delta C14 = - \Delta \text{Solar activity} \Rightarrow 11\text{yr signal}$**

Also note solar Cycle length = 1/ solar activity approx.

**Geomagnetic activity** = Solar activity <11yr>

X Earth magnetic cross section (depends on slow changing Earth's magnetic field)  **$\Rightarrow$  11yr signal**

**Temperature** = Particle EFFECT

= Geomag activity X magnetic linkage to lower atmosphere via poles etc <22yr>  **$\Rightarrow$  22yr signal**

**Solar magnetic cycle (22yr) smoothed temps and geomagnetic activity move together better than anything else.**

# Arctic Ice & Polar Bears – More ‘GW propaganda of the 2<sup>nd</sup> kind’

## -The true story of pack-ice off Iceland according to HMSO Official Reports-

**All changes in the Arctic & Antarctic follow natural highly variable patterns. They are not new or special and have been recorded for over a thousand years and have been very well known to the British navy for a long time and available in the Met Office library\*\*.**

**The Antarctic has been cooling for decades & the Arctic has started to cool in the last year or two. Ice break-up of is a natural process and has been happening for millions of years - before media noticed.**

(\*\*HMSO 1963 Weather In the Home Fleet waters Vol 1 Northern Seas part 1 table XV page 246 shows the very high variability of ice off Iceland (eg) since 1900 and the long periods of change of two decades or more. Figures 124 & 125 (page 256) show that historical records indicate there was no pack ice off Iceland for about 180 years from 1020AD to 1200AD yet there was plenty of pack ice through the rapid expansion of industry since 1900 (Fig 126 page 257).

Weeks per year

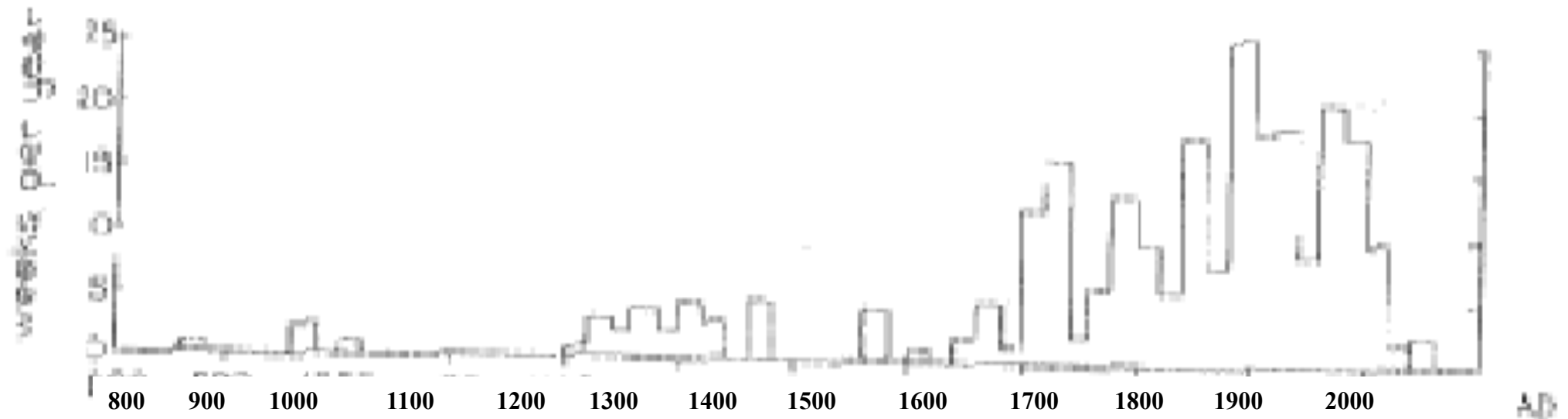
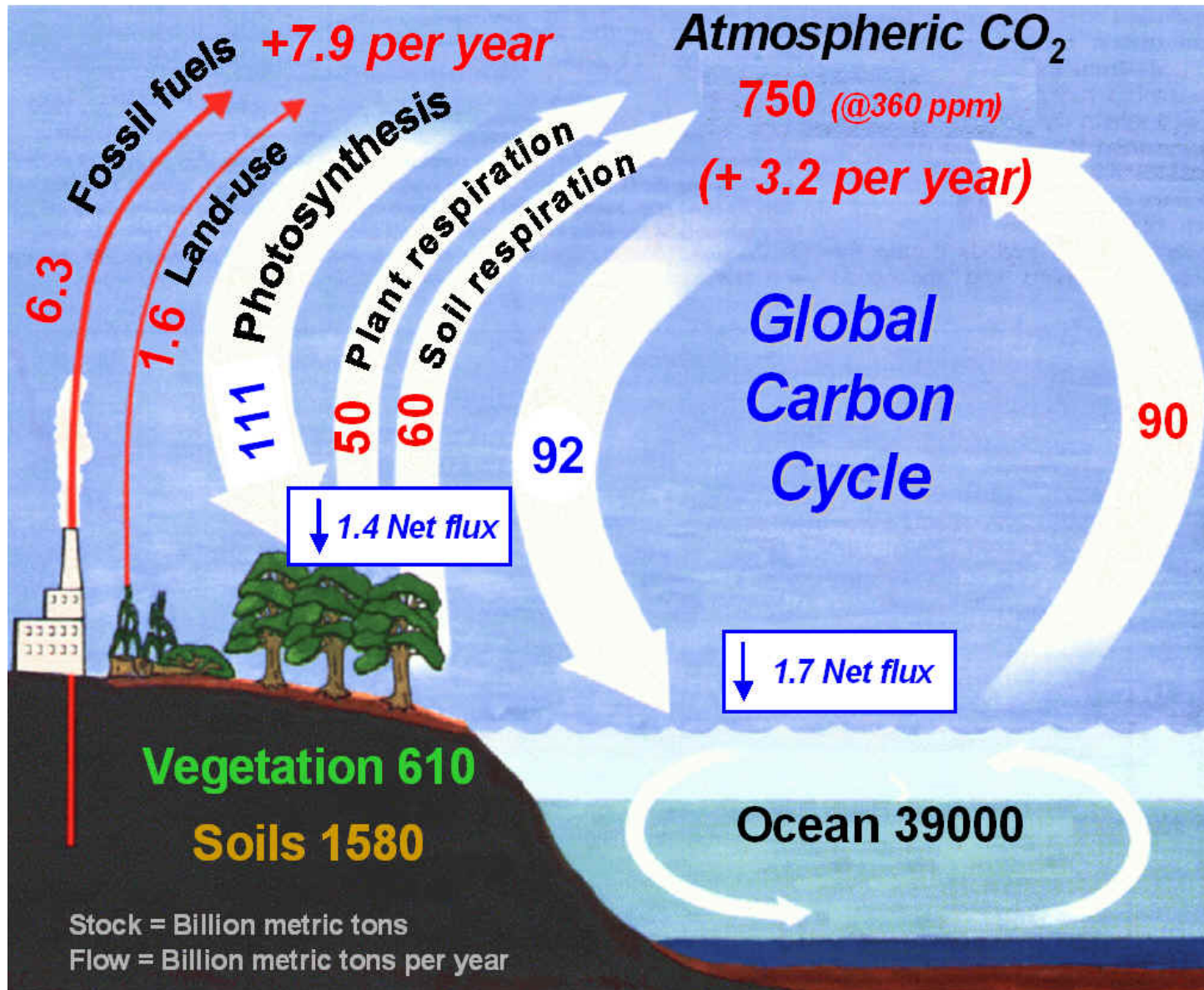


Figure 125. Twenty-year averages of polar ice at the coast of Iceland (after Koch<sup>73</sup>)

Dashed outlines indicate incomplete data for the 20 yr period, incidence shown being the lowest possible result for the period.

# Ocean Acidification – a case of ‘GW3’!

- Hysterical nonsense & a research grant scam
- Man might be polluting the seas in many ways but CO<sub>2</sub> isn't one of them



## Facts

Sea life did not die out in Jurassic times when CO<sub>2</sub> was 5x present or in Devonian times & before when it was 10x present. In fact it boomed!

Official figures show at current rates it would take 23,000 years for Ocean CO<sub>2</sub> to double even ignoring all the myriad of buffering effects, and the fact that this would use up all atmospheric CO<sub>2</sub> 50 times OVER!!!