

What does and does not cause climate change

- Where is Weather & Climate going and what will be effects on production

- NH 2012-13 Terrible summer, Snowy winter, Late Spring – Why? What Next in World?**
- Sun-Earth Particle-magnetic links & long range forecasting • What does and doesn't drive weather & climate • The developing Mini Ice Age: What will happen? What must be done?**

Further to: Agricultural Engineers April 9th 2013 London; Nat Forecasting Conf Nelson Mandela Metropolitan Uni Port Elizabeth SA 19-21 Sept 2012; The Greenest Event Jo'burg 5 June 2012; Submission UK Parlt Select Cttee re Dec 2010; Climate Sci Dep Colorado State Uni USA Jun 2011; Congress Of Brilliant Minds Madrid Oct 2011; Klimat und Energie Munchen Nov 2011.

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



Main 1-54
More info
55-60 IceAges, geology

Piers Corbyn MD www.weatheraction.com , Climate Realist

With Judith Humphrey, Kirill Kuzanyan (IZMIRAN Russ Acad Sci), Jphn Sanderson RCSA, Ulric Lyons,, Steve Devine, Matthew Brown

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

Why does weather & climate matter?

It's entertainment.....

It's the economy.....

- Prolonged or severe extremes affects work, agriculture & GDP
- Droughts, floods, storms cause crop damage wheat prices rises, property damage, subsidence etc
- Thunderstorm damage to electricity supplies

Farming, Insurance, Energy, Commodities...

- Extreme cold puts up energy & commodity prices
- Scandinavia rain (Nordpool) hydropower levels –
- World events – Queensland floods cut coal supply
- Storms & shipping affect supply and prices

Climate Change **Policy has a major impact**

Extreme weather – Colder climate - What can be done?

Get WeatherWise not OtherWise – Prepare for wild fluctuations in Commodity markets - Cut losses

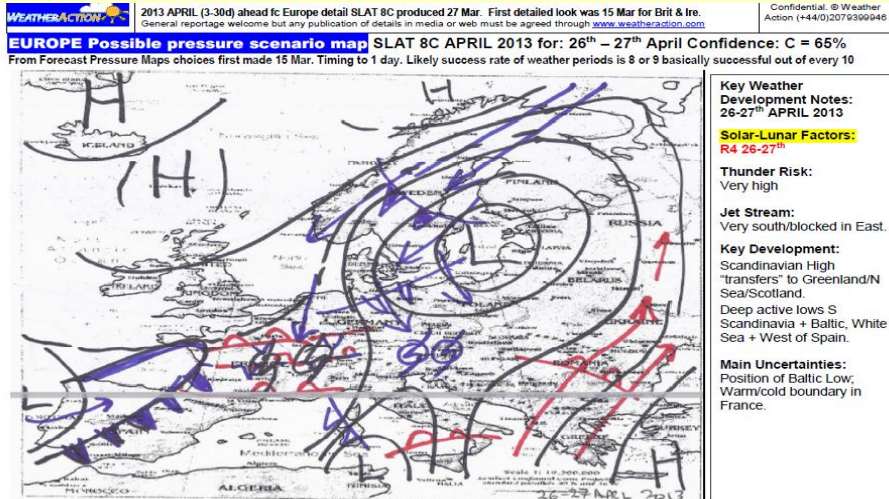
Long range forecasts by WeatherAction –

(Solar-Lunar Action Technique SLA8c)

- **Can be done - Are being done – world leaders**
- **Up to 12 months ahead – very good at extremes**
- **Down to detail of a few days – over 80% accurate**
- **Detailed forecasts USA, Europe, Brit+Ire – to be extended**
- **Long Range Tropical storm forecasts very successful**
- **One-off extremes other parts of world – eg Australia, NZ**
- **Red Weather periods R5, R4...** warn of solar effects which bring more extreme events and can correct short range meteorology one or two days ahead (whether or not a long range forecast has been produced or confirmed)
- **Cost a trivial amount compared with savings**
- **Why does it work? How does it work?**

Some Recent weather – Delayed Springs Europe & N/E USA

Europe+UK Late April major cold blast 6 weeks ahead



reas Map SLAT 8C APRIL 2013 for: 26th – 27th April
es first made 15 Mar. Timing to 1 day. Likely success rate of weather pe



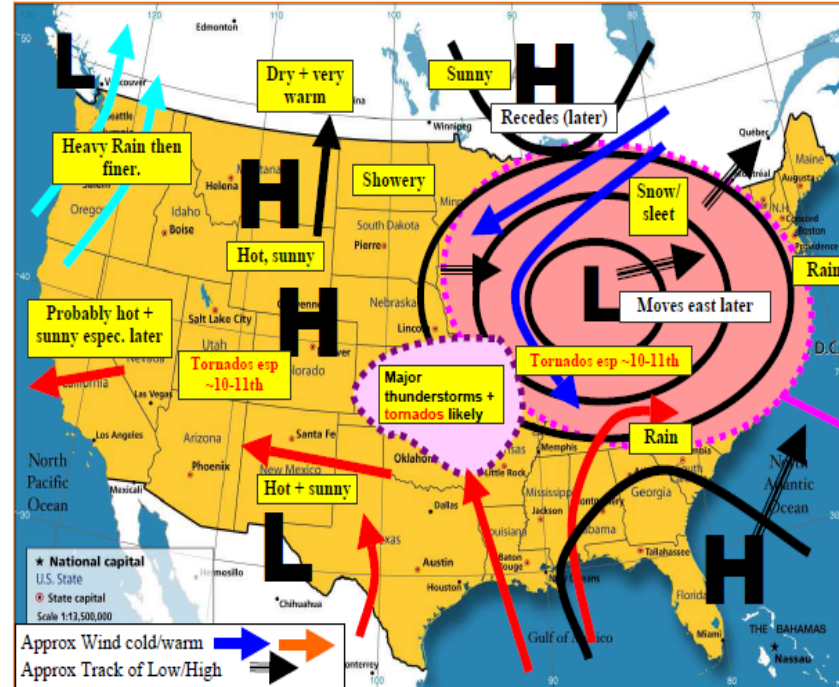
BIZARRE – ICE WAVES MOVE INTO YARDS IN MINNESOTA

<http://www.libertynews.com/2013/05/bizarre-ice-waves-move-into-yards-in-minnesota/>

WeatherAction forecast pressure pattern which led to this possibility.

WEATHERACTION USA Key Developments & Extremes Forecast MAY 2013 - MAPS
Issued 30 Apr from SLAT 8CS (USA). Web access to forecasts <http://www.weatheraction.com/wactmember.asp>

MAY 10 - 15 Forecast Confidence BC = 70%. Timing normally to one day; positions approximate.



Key Weather Development MAY 10 - 15

Solar Factors:
R4 10-11th then NSF/Q
12/13th then R2 14-15th

Mobile. A series of powerful low pressures head west to east through central plains ~ 13/14/15th. High pressure north of Great Lakes to center-East parts, recedes somewhat later and central low moves north-east later, Probably Low pressure Mexico + South Texas. Light winds most of southern states.

Thunder showers with large hail + strong local winds (tornados in S parts) move through 10-12th. Florida Se mostly line with variable sky + then sunny. Center-West showery, drier later. Major thunderstorms + tornados likely north TX, OK, KS. Vancouver showery, then fine. California, humid, hot + sunny especially later.

Solar driven delayed Spring confirmed as CO2 warmists resort to 'warm is cold' cant

WeatherAction's
Long Range forecast

• **No let-up of cold till mid-April.**

for a Mini-Ice-Age type Spring with no let-up of cold till mid April was superbly confirmed with brown grass (Westbury 11 April above) and naked leafless trees (pto) dominating everywhere as if in early February.



Weymouth Bay with Approaching Storm John Constable

Most of Constable's paintings were done in the period 1800 to 1820 - the mid and late stages of the 'Dalton Minimum' of Solar Activity

VIDEOS (28.03.13) – CO2 delusions exposed

=> Sir John Beddington challenged to produce EVIDENCE for CO2 changes driving temps in the REAL world with REAL Obs data
<http://www.youtube.com/watch?v=AloLvPdXVBI&feature=youtu.be>

=> Scientists discuss windfarms (aka 'Prayer Wheels') etc
<http://www.youtube.com/watch?v=Oco7ExXRpEs&feature=youtu.be>



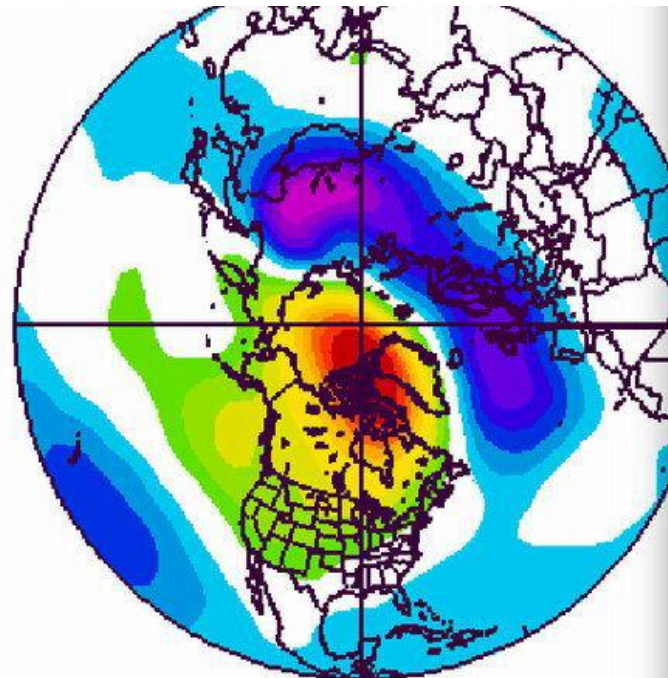
courtesy of www.john-constable.org

Jan-Feb 2013 Weather Action find Lower stratosphere link in Sun-Earth Weather connection

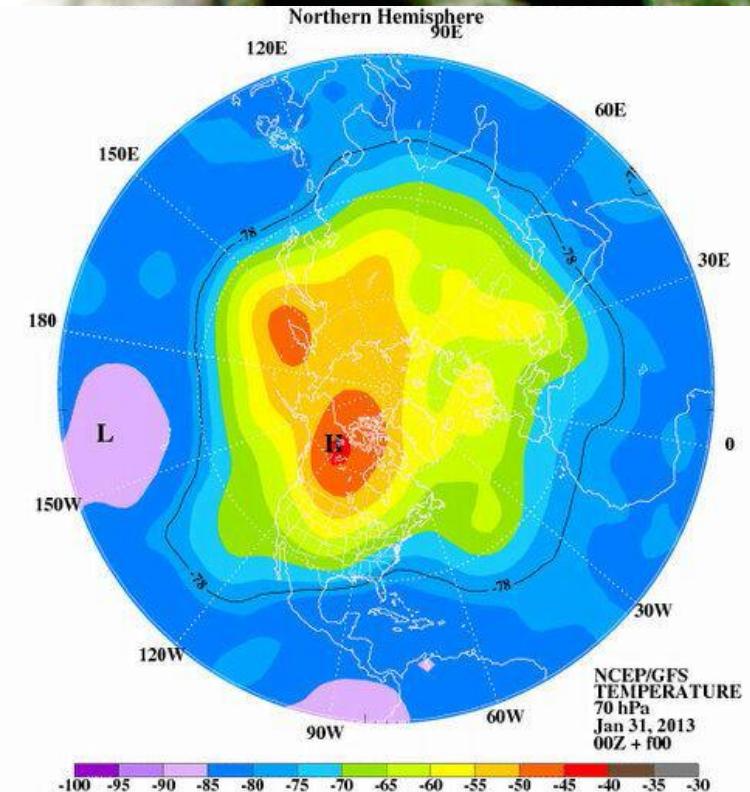
The phenomena that Sudden Warmings of the Polar Stratosphere (usually upper stratosphere & termed Sudden Stratospheric Warmings - SSWs) in NH winter often precede increased waviness in the jet stream and consequent outbursts of very cold air / snow well South, has been known since the '70s. However reliable prediction of these phenomena was unknown until Piers Corbyn made the statement that there would be **two** major snowy blasts this January (inc start Feb) in Britain/ Ireland /W Europe and N/NE USA. Each would be associated with specific 'SSWs' he said, meaning in this case sudden warmings in the **lower** (eg 70mb level) stratosphere.

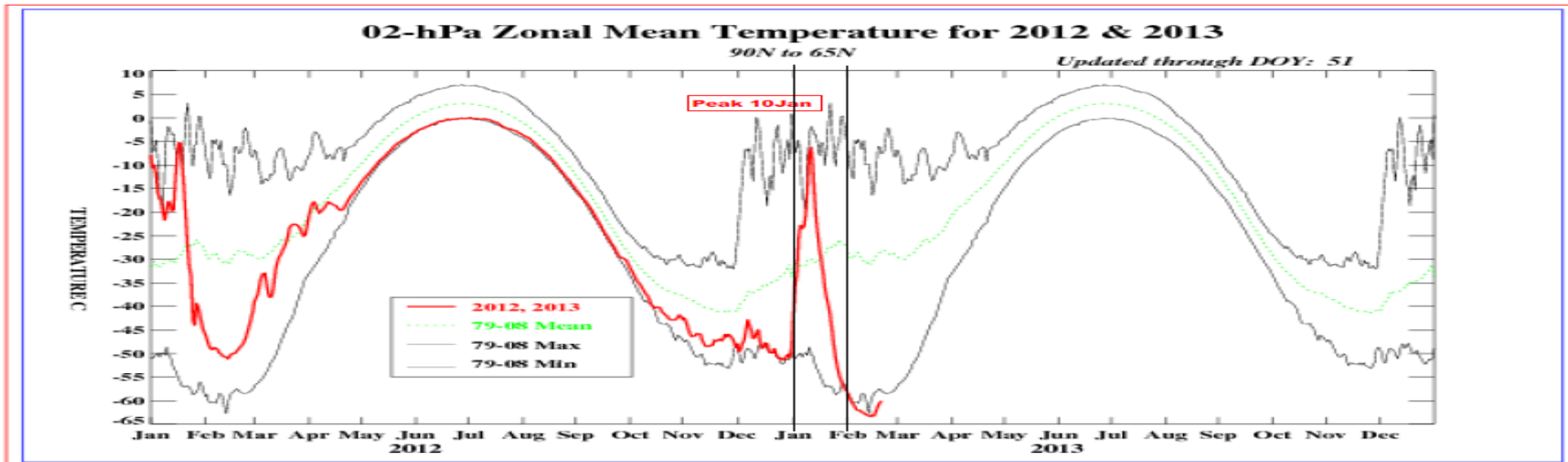
Both the **lower** strat-warm events happened and the snow blasts hit in both Europe and USA. Their dates, within ~17-21st and ~31st-Feb5 cover WeatherAction Top Red (**R5+**) weather periods. After confusion with the phenomena in the **upper** stratosphere - which had warmed earlier in the month & cooled and presaged more than one snowy blast - was clarified, **Joe Bastardi USA Meteorologist & master Met Model Monitor** kindly tweeted with pics:

“[@Piers Corbyn](#) has no peer in the stratosphere. Warming BELOW 10/30 mb too just as big a key. Shades of 2010 [pic.twitter.com/piHCSNzM](#) !“



70mb Air Temperature (K) Composite Anomaly (1981-2010 Climate)
1/22/10 to 1/31/10





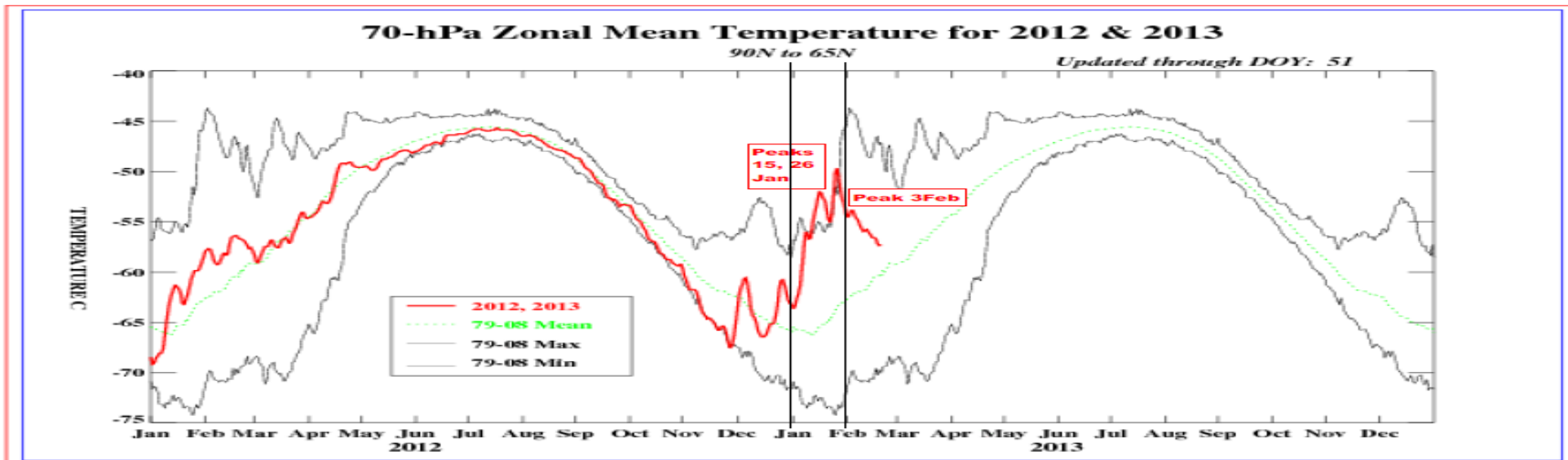
Stratospheric Effect transmits down. Upper Polar Stratwarm peak 10Jan (above) precedes Lower events (below).

Lower Polar stratwarm peaks precede SLAT R5 driven cold/snow bursts associated weather periods.

15 Jan peak preceded 17-21 period (R5 17-20) which included cold bursts and blizzards USA, Britain (18Jan) & Europe
 26 Jan peak preceded 31Jan - Feb5 period (R5 31st-Feb3) which included cold bursts and blizzard USA, Britain (Feb 5), Eu.
 3 Feb peak preceded 13-17 Feb period (R5 13-16) which included cold bursts / blizzards Britain (13th), Europe, USA (~17th).

Applicability for medium range forecasting. An Upper (SUPSW) event warns that cold NH outbursts will occur but note there will be a number of them even after the upper stratwarm is back to zero. However Lower warmings (SLPSW) and ongoing warm lower stratosphere are a direct indicator of ongoing cold outbursts and SLPSW peaks precede by eg 3 to 10 days cold NH outbursts in USA or Europe and are a **useful detailed tool** in winter months (Dec, Jan, Feb)

• Note the heat energy in lower polar stratwarms (higher pressure) is at least ten times that in the upper stratwarms which suggests the lower stratwarms correspond to something extra coming from the sun which helps lead to and therefore help predict surface events. Further information www.weatheraction.com



May – Aug 2012: catastrophe for farming BI, Eu & USA

WeatherAction long range forecasts captured ALL the key features of Britain Ireland & NW Europe and USA weather May-August 2012:

- The NW Europe & BI extremely **cold** 3 weeks in May 2012
- Ongoing **dull wet** weather June – August (BI) With Extreme **heavy rain** , **thunderfloods** Damaging **hail** and **tornado** events
- SE Europe Extreme heat in summer
- USA Extreme ‘searing’ heat and giant hail – espec July
- *Standard Meteorology failed miserably to give advance warnings*

These extremes in **2012 – the year of no summer** B+I, along with wild contrasts such as **extreme heat in SE Europe and USA**, - are all aspects of WeatherAction predicted ongoing ‘Jet Stream South of normal (Eu)’ circulation for the period which, is a key indicator of climate shift in a **Mini Ice Age (Aka ‘Little Ice Age’)**

The last comparable June – August period was **1816 – ‘the year without a summer’**, in the last Little Ice Age - early 1800s of ‘Constable Skies’, Dickens Winters (BI+Eu) and the ‘Dalton Minimum’ of solar activity.
There was also a major reduction in Arctic Sea ice in eg 1816 and 2012

The new Mini Ice Age is upon us!

"MIA fingerprint now overwhelming" - astrophysicist



11/12-16 Mar 2013 BC = 70%
 Brief Higher pressure 11/12 then blizzards followed by wet and windy weather mainly in West and South especially 13/14. Mostly dry in North. Heavy rain, thunder and hail in South later.

Briefly bright then post blizzards / sleet as mild air moves cold, then wet + windy and milder with gales, thunder + hail damage.

Largely dry (especially North Scotland). Snow showers. Turning milder later.

Snow showers / sleet blizzards then wet + windy and milder.

Rough Seas Rough Seas

"March 10th 1947** was the day of the thaw ending the late snowy cold winter of 1947 in Britain & Europe and there was a giant sunspot group at the centre of the solar disc. This year, three magnetic (22yr) solar cycles later, solar activity has been generally very low and this day marked deep cold" - heralding more snow, on 12th, when snow-blizzards hit S/E England (Pic Folkstone) as WeatherAction forecasted in detail 25days ahead (see map).

"This is further evidence of the inevitable plunge - from now - into the new Mini-Ice Age we warned of some years ago", said Piers Corbyn, astrophysicist of WeatherAction.com, March 10th.

"The CO2 story is over. It has been pointing the world in the wrong direction for too long. The serious implications of the developing MIA to agriculture and the world economy through the next 25 to 35 years must be addressed."

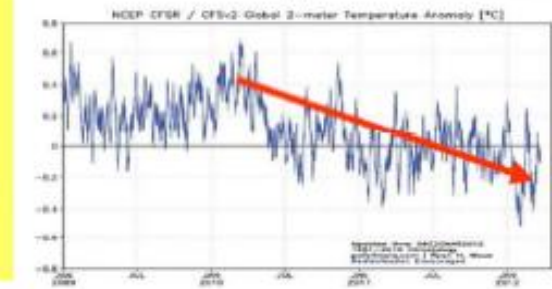
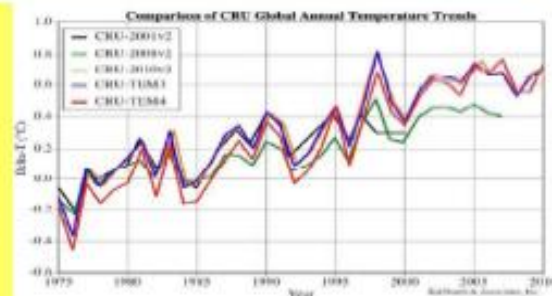
** Piers' birthday!

- The CO2 story is over
- World cooling is now 'locked-in'
- Average solar activity way down
- Jet stream often way south
- Jet Stream develops wild waves giving very extreme weather events - hail, thunder, floods etc.



Warmists have been fiddling ("selecting") data for years

BUT Whatever they do, even with 'new' data THE WORLD IS COOLING WHILE CO2 CONTINUES TO RISE



YOU NEED EASTER & APRIL NOW!

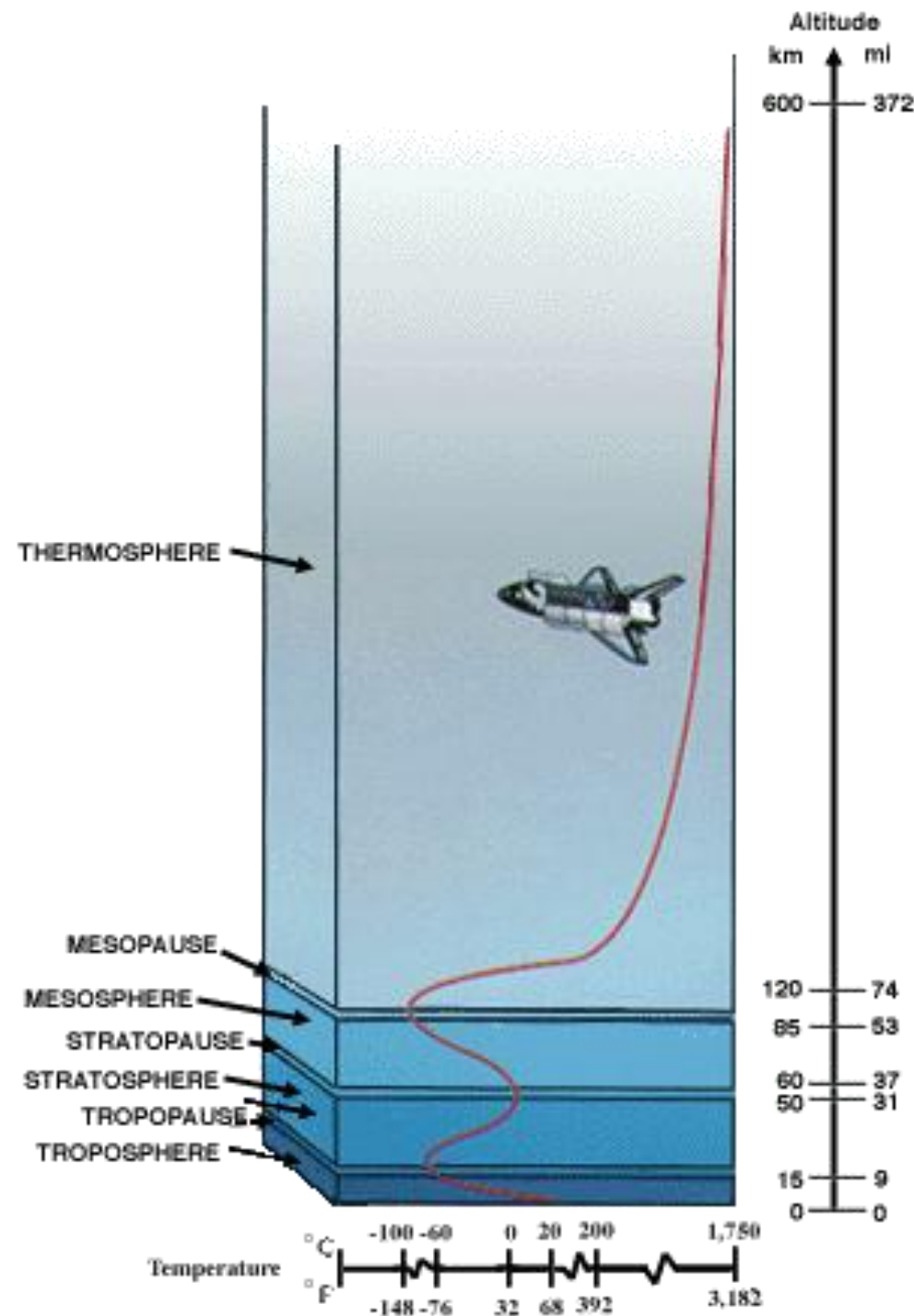
EASTER inc Mon April 1 forecast is FREE NOW - included with March 30d forecast -when you subscribe to B+I 15-45d forecasts. APRIL 45d comes on 15 March - Subscribe: <http://www.weatheraction.com/wactmember5.asp>

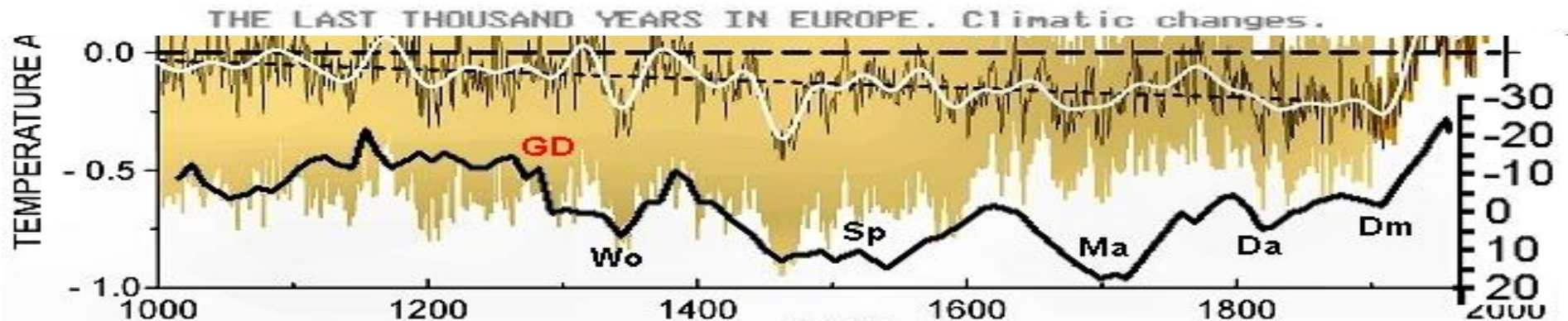
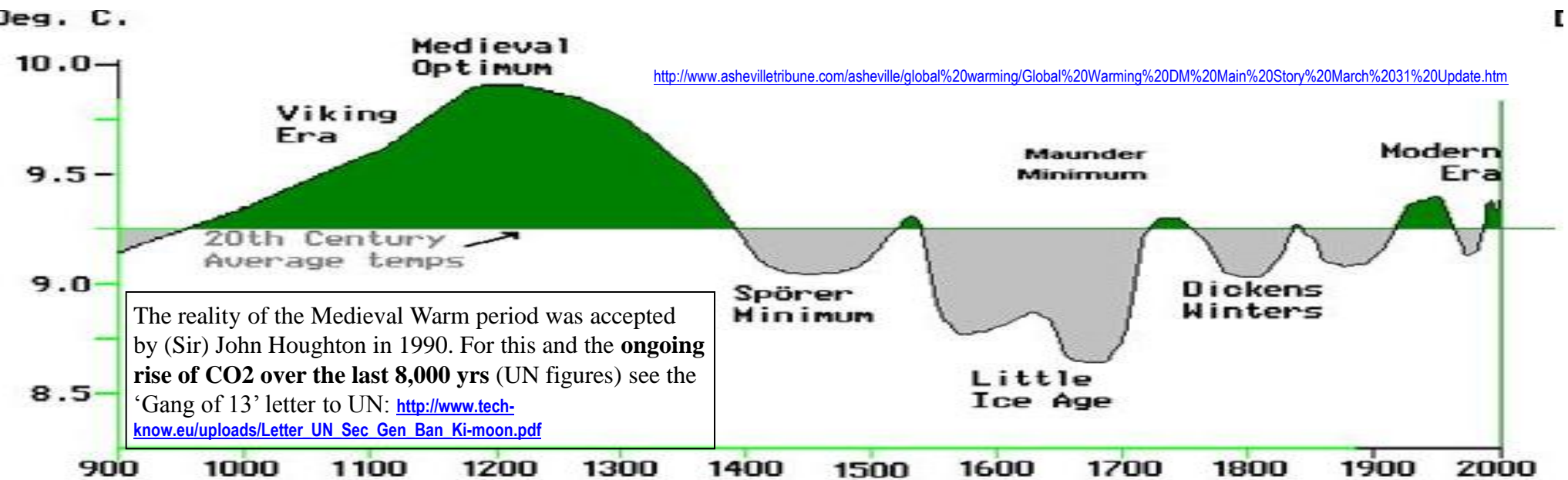
WeatherActionTV - 3 NEW Vids <http://bit.ly/R48q37> : Winter 2012-13

Blizzards & Stratwarms; Challenge to CO2 warmists; Why CO2 fails
 "It's the Sun, not CO2!" Piers Corbyn's 'game changing' presentation June 5 2012
 at 'The Greenest Event' Johannesburg South Africa <http://t.co/Pbt3RjaX>

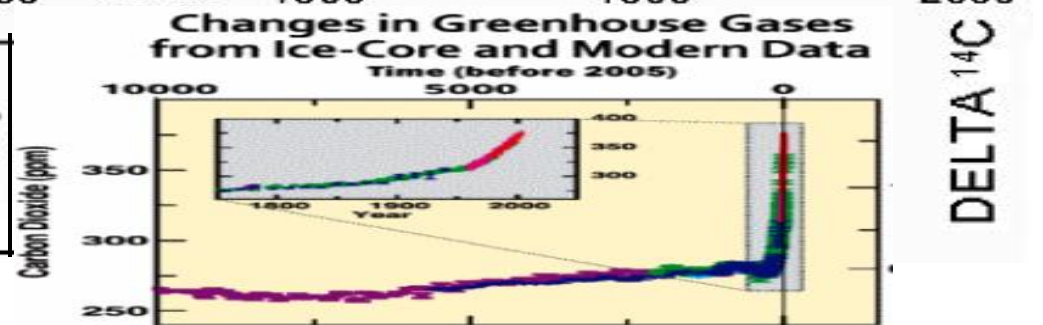
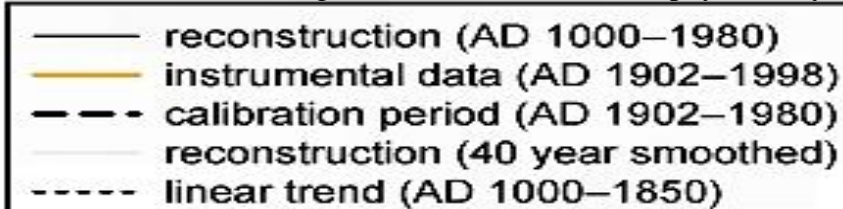
QUICK QUIZ

- **What are the assumptions of normal standard meteorology?**
= Weather drives weather
- **What can't it explain / do?**
 - **Signals in weather and Climate (22yr, 60yr, 155day,... ENSO, QBO ...)**
 - **Long Range forecasts**
 - **Climate Change, ice ages**
- **How little CO2 is there?**

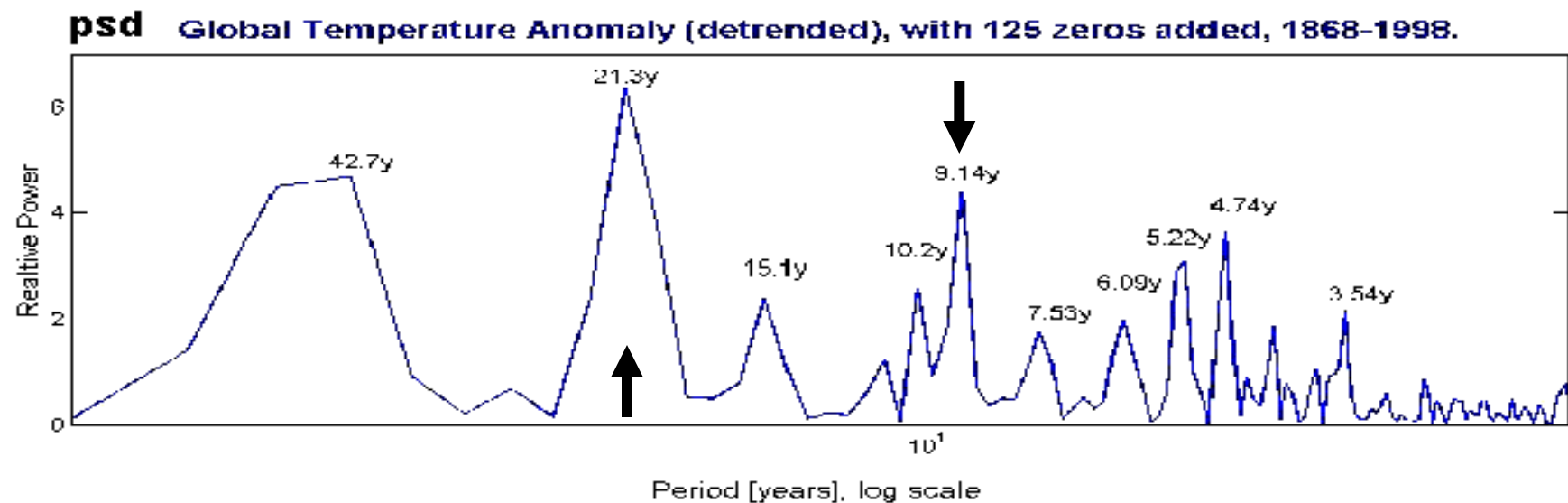
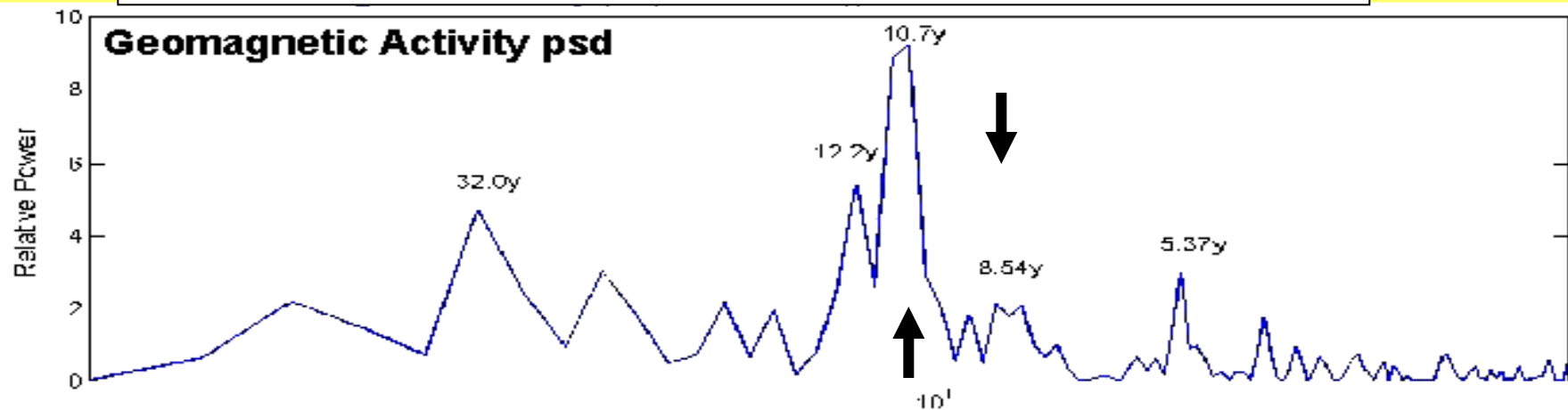




Martin Munro Tree Rings 2004 Mann etal 1999 GephysResLey

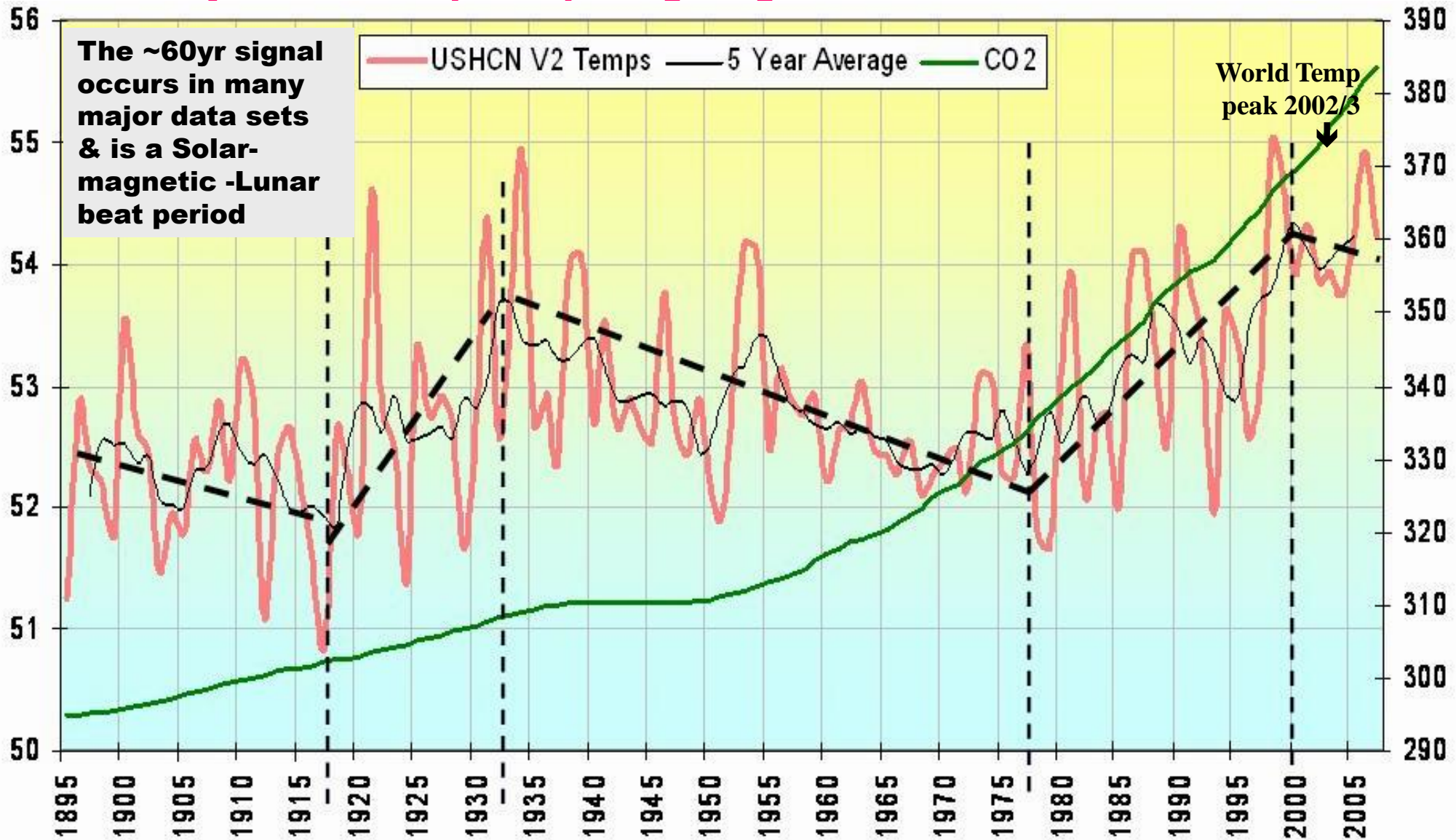


Peaks on this plot mark the main periodicities present in the data



The main signal in Geomagnetic activity is the 11yr solar cycle. The largest and highly significant signal in World Temperature records is the Solar-Magnetic, or Hale Double-sunspot cycle of 21 to 22 years since 1868

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



Key Messages

- **There have been a lot of very extreme weather events since 2010**
- **They are explicable & PREDICTABLE in terms of a new paradigm of understanding of solar-magnetic effects & lunar modulation (SLAT)**
- **SLAT - the Solar Lunar Action Technique - can reliably predict long range weather extremes & climate change.**
 - **The advent of very extreme events will continue** (while general Jet stream shifts lead to colder climate problems)
 - **The world will continue to cool until around 2035.**
 - **This 'Little ice-age' and predictable extreme weather are the main dangers, not warming.**
 - **CO2 driven weather extremes & climate change is baseless.**

MAJOR ECONOMICALLY IMPACTFUL EXTREME WEATHER EVENTS

- **West Russian heatwave & its end Aug 2010**
(and simultaneous superfloods in Pakistan)
- **Supercold UK (coldest in 100 yrs) & Europe Dec 2010**
- **Very cold USA winter 2010-11**
 - inc Series of blizzards
- **Queensland Tropical cyclone Yasi / floods**
- **Series of USA tornado spells Spring 2011 –**
 - eg the swarm which destroyed Joplin Missouri
- **Hurricane Irene**

These extreme events were **All PREDICTED* in Long-Range using WeatherAction's Solar Lunar Action Technique (SLAT).** This is a revolutionary understanding of solar-magnetic and Lunar effects which **DRIVE** Earth's weather and Climate.

*** ALL the list of the most extreme USA weather events 2011 named by NOAA were predicted by WeatherAction's SLAT weeks or months ahead**

Jet Stream shifts are the key to weather and climate

Q. WHAT CAUSES WEATHER EXTREMES?

(short term) & CLIMATE CHANGE (long term) ?

A. Jet Stream Changes - *The changing patterns of weather particularly the track of Low pressures*

Q. What Moves The Jet Stream?

A. (Revolution) Jet Stream changes are driven by Solar particle/magnetic activity & Lunar modulation. CO2 does nothing.

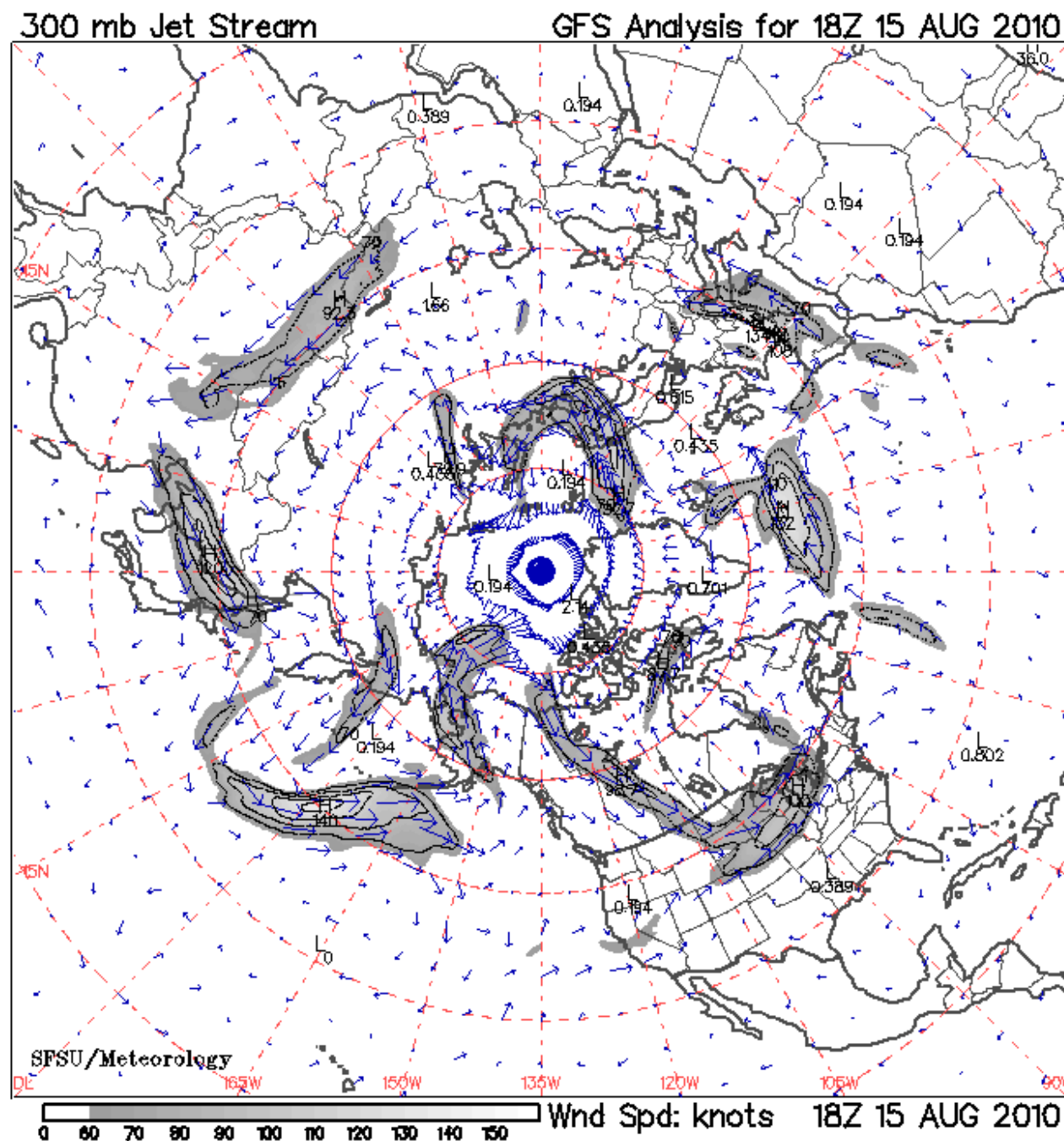
The Shifts are LARGELY **PREDICATABLE by Solar Lunar Action Technique (SLAT)**

The Jet Stream eg 15th August 2010

- Part of newly
bending jet stream
heading for St
Petersburg –
discussed later.

From

[http://squall.sfsu.edu/scripts/
nhemjet_archloop.html](http://squall.sfsu.edu/scripts/nhemjet_archloop.html)



<http://www.weatheraction.com/docs/WANews10No31.pdf>

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

Russia heat ends as forecast

There were also major deluges in France, across Europe and in SE England Channel 4 TV's big brother house flooded on 18th Aug <http://bit.ly/cRT0VP> .

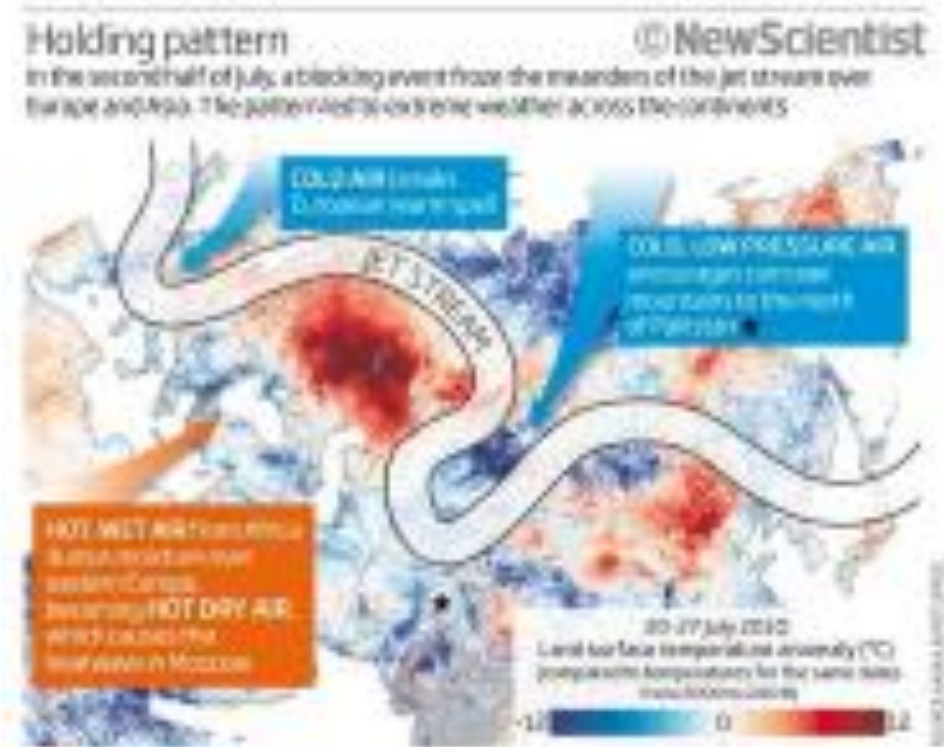
The dramatic penetration of the jet stream (grey bits) into West Russia on 16th-18th is clear in the jet stream flicker-movie <http://bit.ly/dtialp> (archives)

“In Pakistan, as we warned, there were ‘last blast’ extra deluges around 15th which caused new floods – eg in Dadu-Moro <http://bit.ly/cJqfwY> (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 18th Aug Pressure map - <http://bit.ly/9wBJFb> compared to situation around Aug 2nd <http://bit.ly/bvluP4> } and the whole world jet stream transforms to a new state as predicted by the Solar Lunar Action Technique.

Piers Corbyn astrophysicist of WeatherAction predicted the heatwaves in East Europe & WestRussia in his **Euromaps** long range forecasts - <http://bit.ly/bNMJ77>

On 3 Aug Piers warned – see <http://bit.ly/beo5YQ> - 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/cldT5a>
“(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 8th, Aug 10th and most notably Aug14th/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 Piers Corbyn's detailed long range forecast storms battered St Petersburg Sunday 15th Aug before moving towards Moscow as the jet stream changed as predicted. In Pakistan there were also extra deluges then marked abatement of rain as weather patterns changed as predicted.

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

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

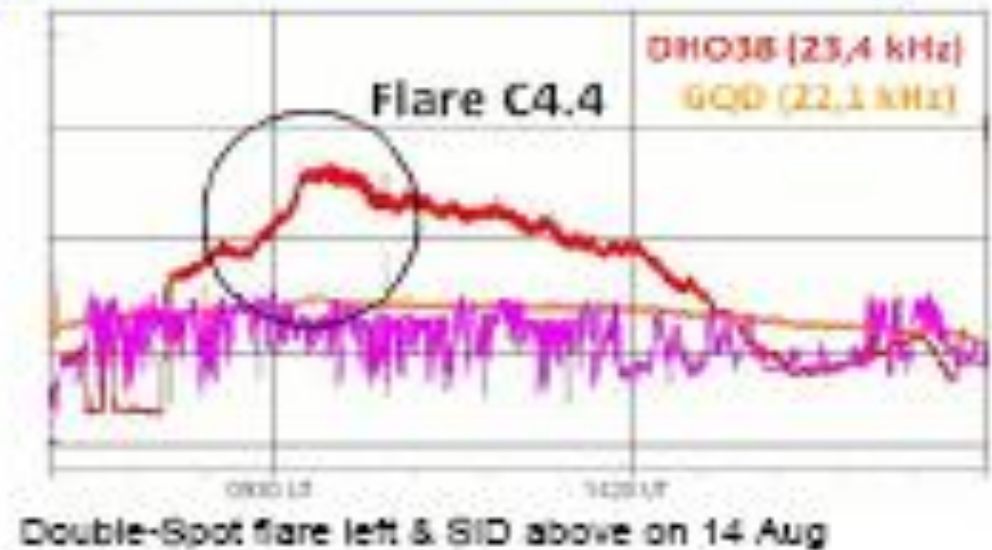
Lighting **downed a plane** on San Andres island Colombia (in Gulf off Nicaragua) 16Aug <http://bit.ly/9ANetJ>



<http://www.telegraph.co.uk/news/picturegalleries/worldnews/7954351/China-extreme-weather-floods-and-landslides-in-pictures.html?image=8>

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

On the morning of 14th 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> for video from <http://spaceweather.com/archive.php?month=08&day=15&year=2010&view=view>.



Apart from the dramatic changes in Europe, Russia and Pakistan there were other major weather events in the period 15-19th Aug associated with the predicted jet stream changes. - There were continuing huge deluges, massive floods and landslips in China – eg <http://bbheavyrain.c.in/cv9RDt> 15th Aug

Double Sunspot superfast very powerful coronal ejection 2010 14th 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 15th. Extreme events around world. SEE http://squall.sfsu.edu/scripts/nhemjet_archloop.html CHOOSE start 13th Aug 00z, 5days, 6hrs steps

What Drives World weather, temperature & Climate?

World Temps	=	Solar Activity (level & Timing)	X	Magnetic Links	X	Lunar Modulation
		(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**

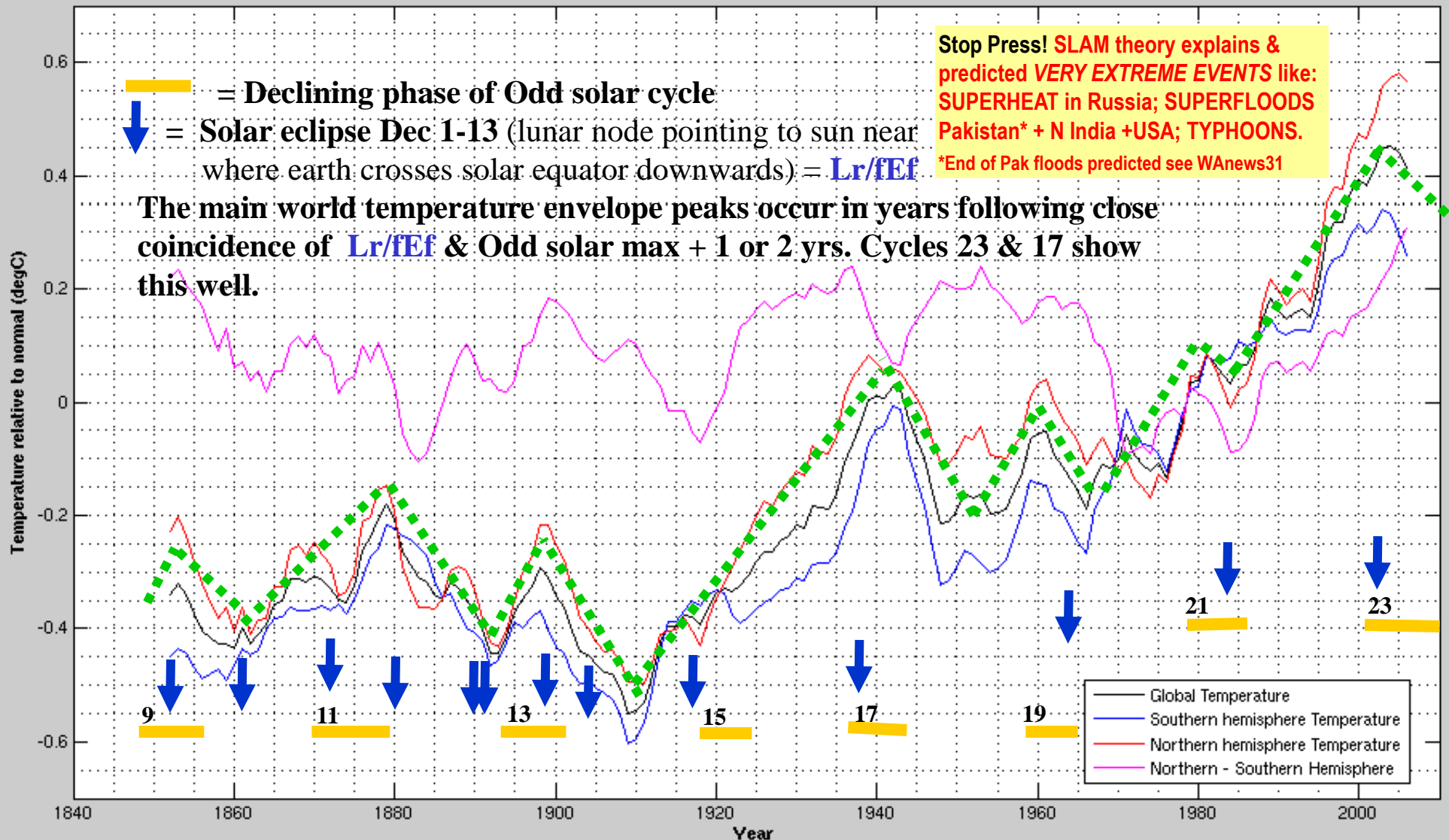
The **SWT State** (= a set or 'vector' in SWT phase space of **Weather Action Indicators**) is predicable forwards & backwards in time!

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.

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

World Temperatures, Global, North, South & North-South hemispheres. 5 Year moving av of Hadcrut3v Mid pt plot



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

Solar-Lunar beats drive Climate Change

Beats between Lunar nodal crossings and the Magnetic cycle of Sun drive the ~60yr modulation of Jet Stream shifts and many weather events.

Beat B = nodal rotation (either way) 'rate' – 2 x Magnetic (Hale) Solar cycle frequency

$$B = n - 2 \times H$$

n = 2R where Lunar nodal Retreat rate, R = 1/18.6 /yr

H = (Z/2) where Z = 1/Sunspot period = 1/11.1 /yr

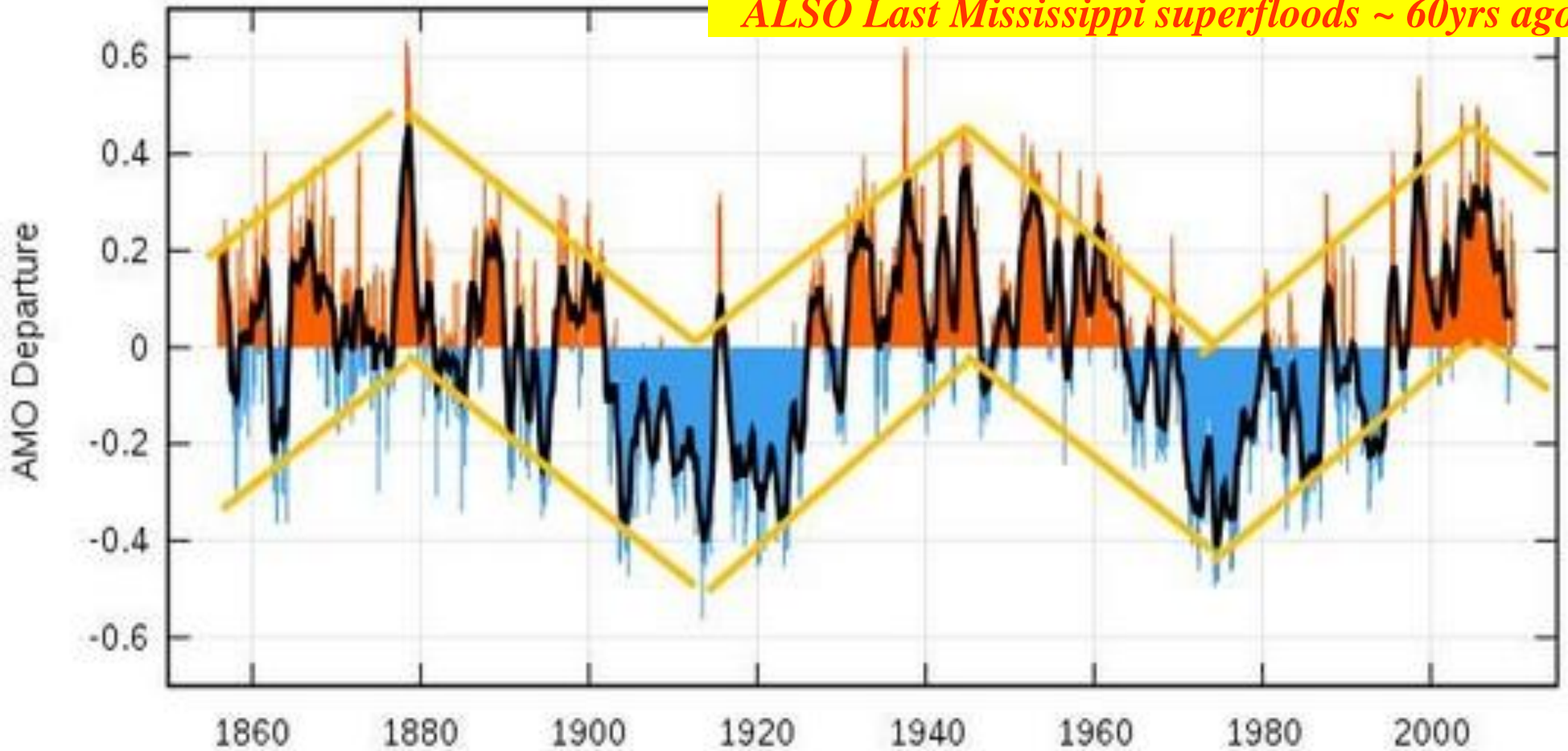
=> 1 / B ~ 58 yr (varies with Z etc)

From Piers Corbyn's Solar Lunar Amplification Magnetic (SLAM) Process Theory 2008

www.weatheraction.com Twitter address @Piers_Corbyn - http://twitter.com/Piers_Corbyn

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

ALSO Last Mississippi superfloods ~ 60yrs ago



Departure of Atlantic Multidecadal Oscillation (AMO) from Normal*.

Many weather records such as Snow cover of the distant Tibetan Plateau over the past 200 years relate to graphs like the **AMO**. The Pacific Decadal oscillation (PDO) shows a similar ~60year signal.

Caiming Shen Atmospheric Sciences Research Center, State University of New York, Albany, New York, USA

Wei-Chyung Wang Atmospheric Sciences Research Center, State University of New York, Albany, New York, USA

Gang Zeng Atmospheric Sciences Research Center, State University of New York, Albany, New York, USA

Weather in 21st Century - Answers

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

Severe summer floods 2007, 2008, 2009 *not* 2010 & 2011 (Scot) 2012 !
like very wet summers 1875, 1876, 1877 *not* 1878 & 1879 1880 !
- associated with the approx 132 yr pattern* : $6 \times 22 = 132$, $7 \times 19 = 133$

The 2007, 2008, 2009, 2011 and 2012 summer floods were predicted in detail by the SWT/SLAT. 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}

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....

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 sub periods: <http://www.weatheraction.com/member.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..... (timing normally correct to 1 day)

- * ** These periods are called SWIPS = Solar Weather Impact periods and mean that snow amounts will be two or three times levels predicted by the Met Office computer 24 hrs ahead.
This means that snow due on 5/6th in England will not be the 10inches* tops predicted by Met Office but more like 2 Feet.
- * Piers Corbyn astrophysicist of WeatherAction warns that their forecast graphs show the period
Frid 8th & weekend 9/10th are likely to suffer even greater blizzards & snow deluges.



Lack of Flood soaking is causing accidents & deaths pic: <http://tinyurl.com/kce4d5> (5Jan)
 WeatherAction warned icy snowy weather will continue with
 few breaks through Jan & Feb see <http://www.weatheraction.com/5Jan4067>

WeatherAction
 forecast notes
 prod July 09.



CONFIDENTIAL
 Brit & Ire Forecast Notes
 Nov 2009 to Feb 2010
 Details: 105-107 Bridge Road, London SE1 1AB Tel: +44202 7531040 www.weatheraction.com

Jan 2010

Cold snowy espec in N & East arctic blasts from North in first half

4-7 JAN 10 A = 85%
 Same scenario as 453 DWT202

Red Warning TOP SWIP espec 5/8th
 Major increase in frontal activity,
 precip, thunder 5%



Widespread snow & blizzards with gales / very gales in Scotland, NE England & N Sea. BITTER WINDS in North & East. Less snow and wind in Ireland & West.

**Winter
 2009-
 2010
 & March
 2010**

From

<http://www.weatheraction.com/docs/WANews10No3.pdf>

British & European Winter 2010-11

- UK coldest Dec for 100 yrs, as forecast by WeatherAction Nov 2010. First Forecast for snowy Dec issued May 2010



The Long Range Forecasters

2010 December 3-30d ahead Forecast Britain & Ireland

Produced under Solar Lunar Action Technique SLATS – Summary - Detailed weather periods - Maps - Graphs

Including Solar-based likely corrections to apply to Short-range Standard Meteorology Forecasts

Weather Action are the only long range forecasters with independently proven published skill. See www.weatheraction.com

For Short Range localised forecasts - Weathernet personal premium rate service on 09061100445

Confidential

2010 DECEMBER 3-30d ahead Brit & Ire SLATS forecast issued 29th Nov. Essence consistent with First Look Summary June 2010. News content is PUBLIC, otherwise publication of details in media or web must be agreed through WeatherAction.

© Weather Action
Tel +44(0)20 7939 9946

DECEMBER 2010

Extremely cold and exceptionally snowy

Probably the coldest* December for 100 years
(80% confidence) and **very likely** (90% confidence) to be in the **3 coldest Decembers in 100 years.** (* using Central England Temperature measure)

Frequent snow and blizzards at times especially in central and East / NE England on Northerly and North/ Easterly winds.

- Frequent, black ice and freezing fog
- Extremely sharp frosts with record low temperatures.
- Scotland probably drier than other parts and extremely cold especially East & central parts.
- West Ireland & far SW England less cold with short milder South-Westerly flow at times.



Snow deluges and white-out struck Newcastle 29th Nov

Blizzards & thunder confirm

WeatherAction forecast advance

The end of November blizzards, white-out and thundersnow in North/East Britain dramatically confirmed WeatherAction's "wild weather" warnings that the Met Office would seriously under estimate the severity of the coming snow storms.

Piers Corbyn - Astrophysicist of WeatherAction says "Getting thundersnow and double the snow amounts in Met Office forecasts - both occurrences of which we warned - was great. This snow hit was especially important because although our long range November forecast had gone very well up to 21st November, the end of the month was not wet and mild as we had originally expected, but snowy. Our new advance in our SolarLunarActionTechnique to SLATS explains why the circulation switched to blizzards, why relatively rare thundersnow was also likely and gives more confidence in our exceptionally cold winter forecast."

See: <http://www.weatheraction.com/displayarticle.asp?a=276&c=5>

Christmas	Widespread blizzards & snow deluges; probably snow in all parts of Britain & Ireland over Christmas / Boxing Day.
New Year	New Year's Eve probably dry, bright and bitterly cold. Snow returns on New Year's Day.

Key Pressure developments Dec 2010

Britain & Ireland will be often dominated by high pressure over Scotland or to the North of Scotland connected either to High pressure over Scandinavia or (probably less often) Arctic/Greenland while active low pressures dominate South Europe / Biscay and also attack from the West at times but are largely blocked and take a local Jet Stream South path.

Extreme Events – Australia Floods (major coal impact)



Partial eclipse 4th Jan 2011 with spacecraft crossing sun's face <http://en.msnbc.com/F&R>
Near peak flood Rockhampton Queensland. Marker shows other peaks 1991, 1954 & 1916

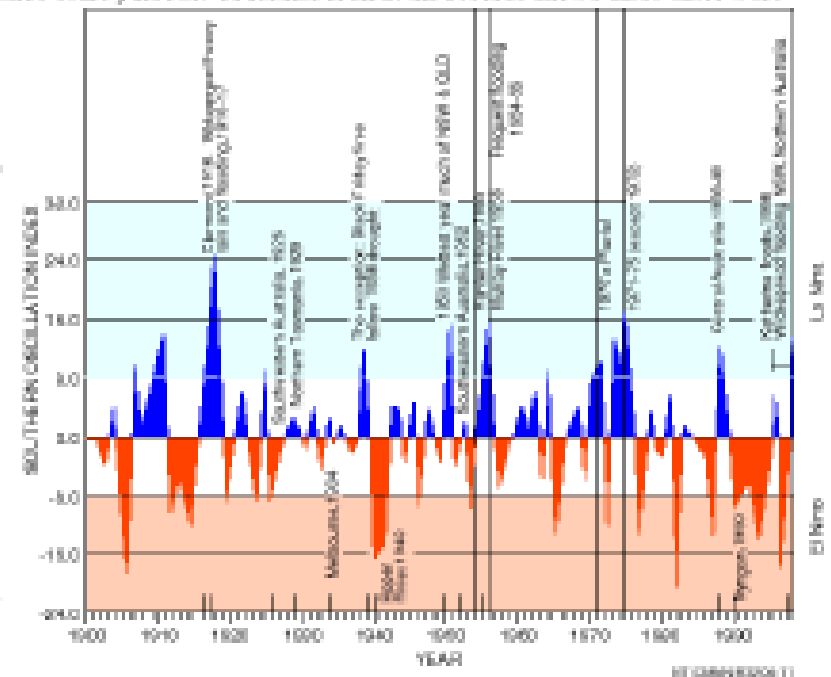


Major flood years (or near years) 2011, 1992, 1973, 1954 & 1916 were all in the same phase of the eclipse cycle

- All had solar eclipses around 4th Jan &/or lunar eclipses a fortnight before / after.

Ironically the BBC and fellow warmists CNN carried clues to some of what is helping drive the present world weather extremes. There are a lot of floods in Queensland but the flood level record post at Rockhampton, SE Queensland shown on CNN and BBC carries dates 1991, 1954 and 1916 for other very major (and bigger – *Shucks bang goes another BBC 'biggest ever due to... 'innuendo scare')* floods. A further look at the records shows these dates were near other serious flood dates and there were also very serious floods in Australia in some significant intermediate years and provides a list of major peak floods around 1916/18, 1954, 1973, 1991/1992 and 2011. See <http://natrickzone.com/> for marked graph here and information on 'Southern Oscillation Index'.

Piers Corbyn, astrophysicist of WeatherAction says "The Australian floods show a combination of Southern Oscillation Index signal (opposite to El Nino) – which is solar driven – and the eclipse cycle period of 18.000 years. It's not clockwork but the ongoing lunar interaction with the solar wind in or close to the years for which there are solar eclipses on Jan 4th / 5th &/or lunar eclipses a fortnight before / after is a vital factor in the jet stream blocking which helped cause these massive flood events.



Australia floods <= La Nina x Eclipse Phase

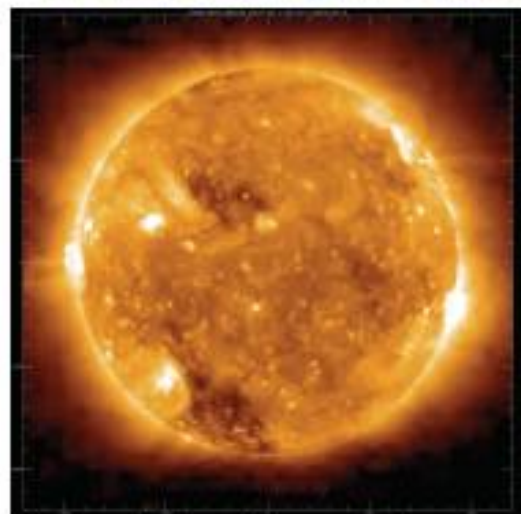
Nothing to do with Co2 <http://www.weatheraction.com/docs/WANews11No1.pdf>



2-2-11 WeatherAction News 2011 No 3

Delta House, 175-177 Borough High Street, London SE1 1HR +44(0)207939 9946 From Piers Corbyn +44(0)7958713320
<http://twitter.com/PiersCorbyn> piers@weatheraction.com www.weatheraction.com

USA & Australia thrashed by simultaneous superstorms - Predicted by WeatherAction, driven by solar activity



The Sun – Earth particle connections were greatly enhanced around 25th Jan by a significant 'hole' in the Earth's magnetic shield (magnetosphere) enabling solar particles to flood in giving astounding Aurorae on 25/26th <http://bit.ly/hfVtXc> and shifts of the jet streams and extreme weather events in following days.

FORECASTS:

28-31 Jan 2011 Confidence AB=80%

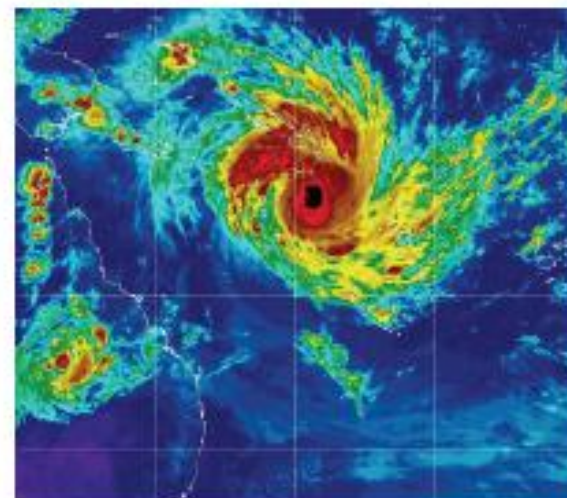
TWO Tropical Cyclone Formations likely Most probable regions – Near Madagascar / Central South Indian Ocean AND /or NE of Queensland in Ocean – landfall risk unclear.

<http://bit.ly/gwo7jX>

<http://www.weatheraction.com/displayarticle.asp?n=293&c=1>



EVENTS

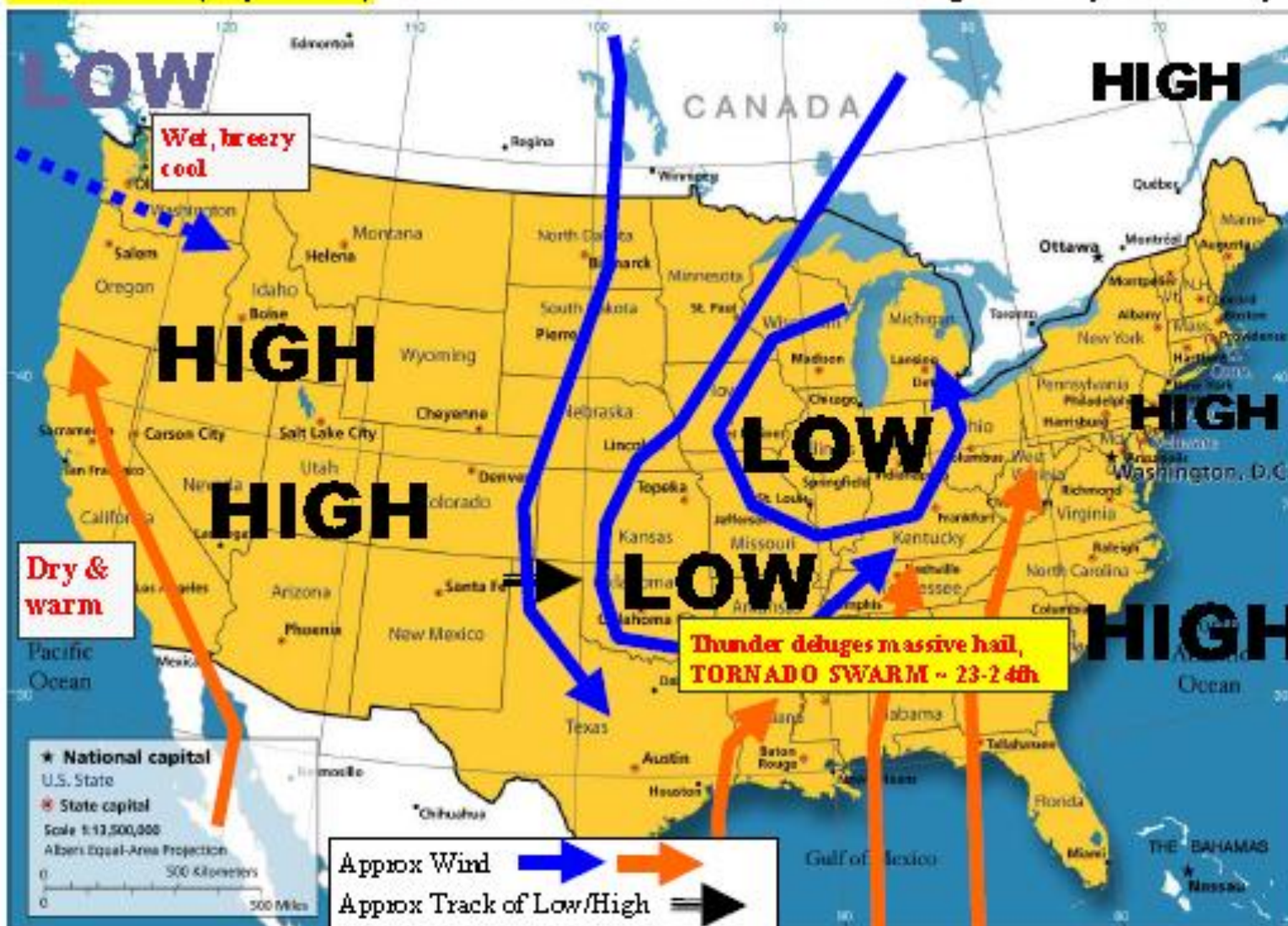


The monster thunder-blizzard trashing USA and Super cyclone Yasi [BELOW] simultaneously pounding Queensland around Jan 31st & Feb 1st/2nd were caused by the same solar-magnetic activity effects and were predicted to within a day from 3 weeks ahead by Piers Corbyn of Weather Action using solar activity [Nothing to do with CO2!]



Piers Corbyn astrophysicist of WeatherAction said "We are very pleased with this success. The Mid West & NE USA superstorm is an extension of our forecast for such an event to develop from around our **TOP RED WARNING** of 28th-30th Jan and we predicted the same Top Red period, but 28-31 for Australia, would see a Tropical cyclone form &/or rapidly develop NE of Queensland".

MAY 21-24 (esp 23-24). Forecast Confidence B = 75% timing normally to one day.



Key Weather Development
Notes 21-24 May (esp 23-24)

**EXTRA TOP RED
Warning 23-24**

High strengthens in West and double low / complex Low deepens South/West of Great Lakes.

Hot air from South & cold air from North meet with very large temperature contrasts.

Deluges, massive hail thunder and many tornadoes – DANGEROUS tornado swarm in South / SouthEast parts – AL, TN, KY, IL, MO etc

NorthWest wet and cool

California coast Warm & dry

Main uncertainties

Activity in Gulf – Tropical

Hurricane Irene hitting Bahamas & East USA confirms in detail - to the day - WeatherAction 85 day ahead forecast.

- Weather Action warned of East USA grazing Hurricane - as in real time.
- Weather Action 2011 whole Season Atlantic Region Tropical Storms forecast* “fantastic accuracy” continuing.

HURRICANE IRENE – as now developing in detail 22-26 August 2011:



HURRICANE IRENE 2pm EDT (08:00GMT) Aug 22,



Weather.com <http://bit.ly/p447eJ> shows Irene over Bahamas 23 Aug = WHEN WeatherAction said such a storm would hit there

Key Messages

WeatherAction SLAT consistently predicts Atlantic Tropical storm formation (especially land-fallers) & consistently improves on standard projections for hurricane tracks. **SLAT correctly predicted that IRENE would stay out to sea longer than standard models said.**

WeatherAction Atlantic Tropical storms forecasts are a game changer and can reduce suffering and save lives.

So far however the US Government is showing no interest in these forecasts or blizzard warnings.

Using these forecasts would be an implicit rejection of the CO2 theory and standard meteorology.

Is what WeatherAction Forecast* from 85 days ahead

Extract from Whole Season Forecast: entry 23-25 Aug, approx Formation/Rapid Development (FRD) period, A/B confidence, ‘Extra Top Red enhanced’ solar driver; Region of dates, Likely subsequent track and Top Strength:-

23-25	A/B	ET (Extra Top) Red Enhanced	Atlantic near Bahamas / Florida	North / North Westwards grazing / making landfall East USA and continuing N / NE through coastal parts of E / NE USA	H3+ poss H5 A potentially DANGEROUS & IMPORTANT STORM
-------	-----	--------------------------------	---------------------------------	--	--

Long Range forecasts for serious players

WeatherAction on Line forecast Shop

<http://bit.ly/dNhlNo>

- UK & Ireland maps and graphs
- Euromaps - Region weather + Pressure scenarios
- USA maps – scenarios, events, + Extreme weather.
- World Extremes: Red Warnings(solar) +Tornado +Quake risk (RTQ)
- Atlantic Region Trop Storms rest of season to end Nov.

- **3 month ahead public trial confirms power of Piers Corbyn's 'Solar-Lunar Action Technique'**
- **Of 6 detailed winter event forecasts Europe, USA + Australia success was 5/5 & one 'not ran'**

- The first forecast, for exceptional cold in Britain & West Europe Nov 27 to Dec 28, was withdrawn after a giant filament across the sun led to forecast revision – see <http://www.weatheraction.com/docs/WANews11N64.pdf> and VIDEO <http://bit.ly/yw94ds> (over 5000 hits). “This was a ‘non-runner’ in racing parlance but it led us to tremendous scientific advance”, said Piers.
- The second – 8 weeks ahead - for an exceptionally **mild spell 15-17 Dec North Central USA** was well confirmed (up right).
- The third – 10 weeks ahead - for a contrasting **exceptional cold blast 31 Dec into Jan NE USA** gave ‘blinding snow squalls’ (right & <http://bit.ly/wXc5f8>).
- The fourth – 12 weeks ahead - for massive snow falls ~11-14 Jan NE USA was well well confirmed - map night <http://firsthandweather.com/blog/all-posts/wimpy-precip-tomorrow-thurs/sunday> & <http://www.weatheraction.com/docs/WANews12N63.pdf>.
- The fifth – 13 weeks ahead - a damaging windstorm ~17-19 Jan NW USA A was superbly confirmed by hurricane winds off coasts and the connected great Seattle blizzard-ice storm – Map Wed 18 Jan right & <http://www.weatheraction.com/docs/WANews12N64.pdf>, <http://bit.ly/yw754Y> & <http://bit.ly/vrsHQ>.
- The sixth – 13 weeks ahead - a **heatwave from ~18 Jan Adelaide region, Australia** is confirmed by temperatures rising for a few days and near 38C on 22 Jan when the normal max for the region is about 10C lower (S2 below). Interestingly there was also a heatwave early Jan <http://bit.ly/yQK1e2> in south parts of Australia. Like USA Australia has been showing a series of similar extremes in parts with opposite weather in other parts.

STORM POTENTIAL WEDNESDAY

L

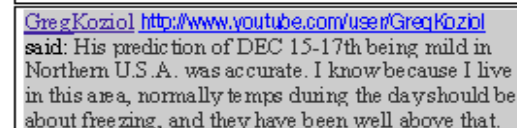
MOISTURE

STORM WINDS

SUBSTANTIAL RAIN

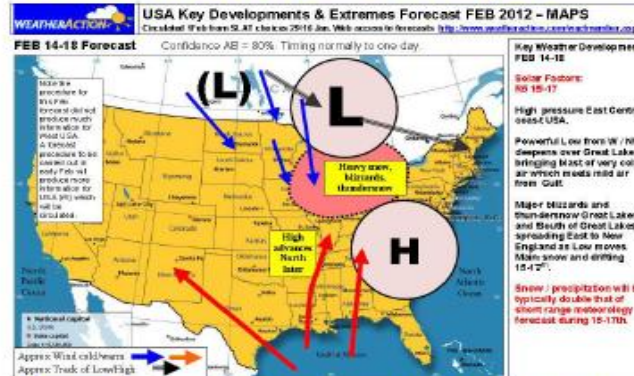
FLOODING RAIN

www.actionnewsjax.com



Amazing contrasts and extremes NH Winter 2011-12

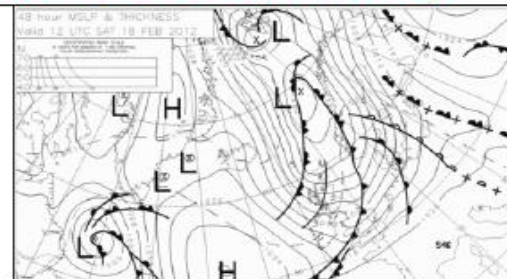
WeatherAction forecasts 14-18th Feb capture Snow-Blizzards N/E USA + N Britain + Europe



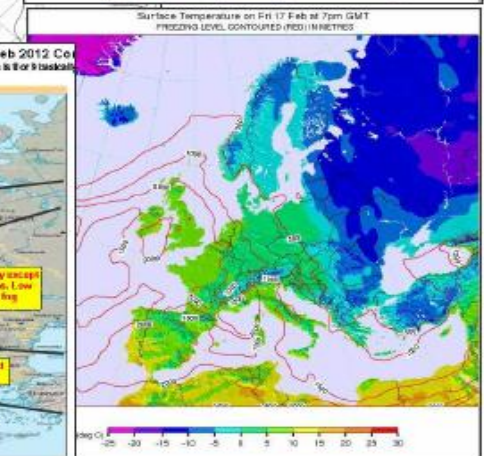
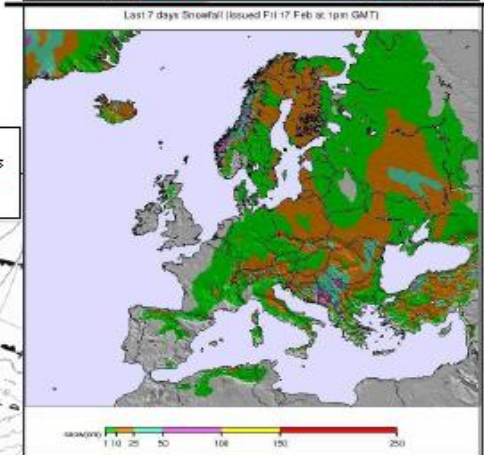
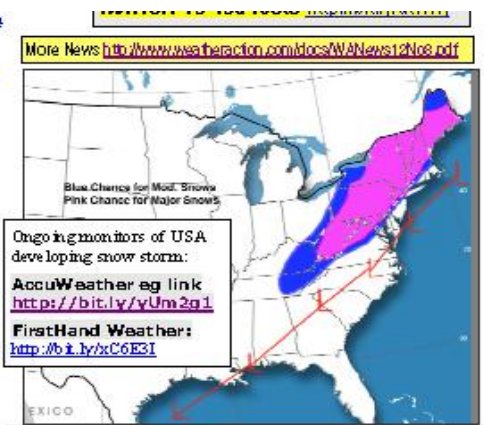
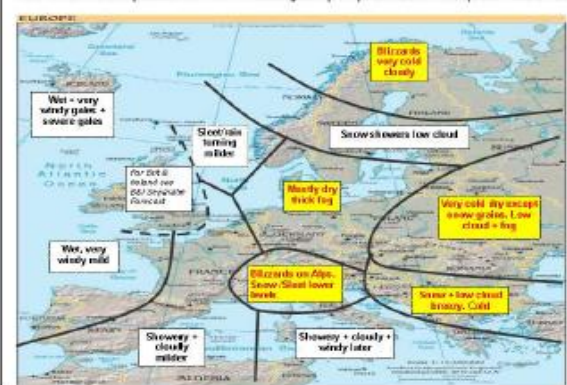
Snow blast for Britain & (N) Ireland is here
In line with snow/thunder-snow + wintry showers WeatherAction warning for many parts later in 14-18th period.

In USA and UK TV forecasts have become more similar to Weather Action 3 week ahead forecast as the events near.

EUROPE forecast of 3 weeks ahead confirmed.
Note very cold region Poland AND SE Europe (maps right) confirmed.
Extensive snow cover including Italy confirm this & previous weather periods.



European Forecast Noted Areas Map SLAT7(L) FEB 2012 for: 14th-18th Feb 2012 Colours from Forecast Pressure Maps choices. First made 16th Jan. Timing to 1 day. Likely success rate of weather periods is 8 or 9 tasks.

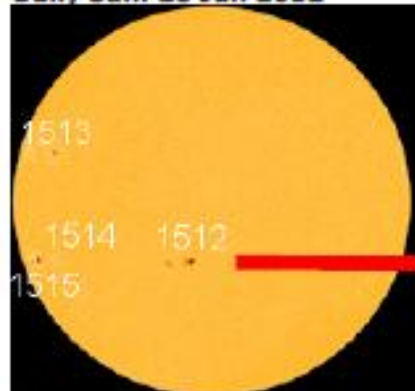


Apocalyptic thunderfloods and massive hail confirm WeatherAction warnings made 6 weeks ahead!

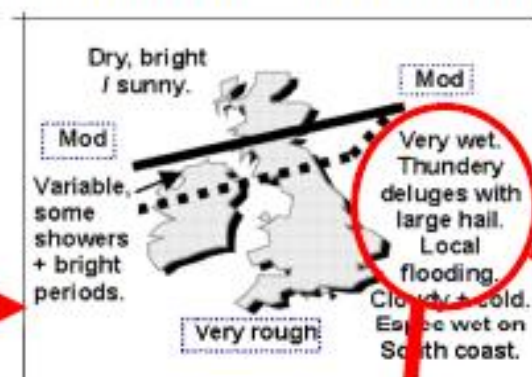
"Predicatable Solar events drove these storms. They are nothing to do with CO2 but are part of the predicted decline to a new 'Little Ice Age'. The MetOffice's failed computer models will never get these extremes right. Their £43million scheme for a new super-computer must be stopped. More physics is needed not their delusional twaddle" - Piers Corbyn astrophysicist of WeatherAction.

- Again Met Office under-estimated deluges in short range.
- Solar-based science can dramatically improve storm & flood warnings without a penny more being wasted on new super computers and failed CO2 'science'.

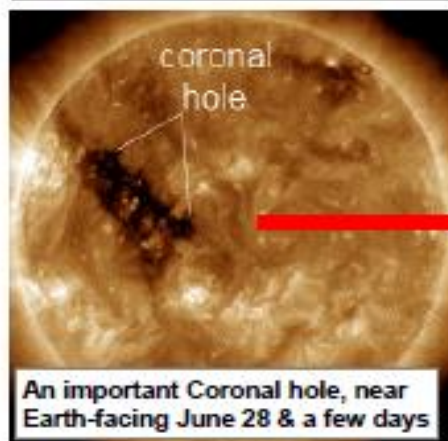
Daily Sun: 28 Jun 2012



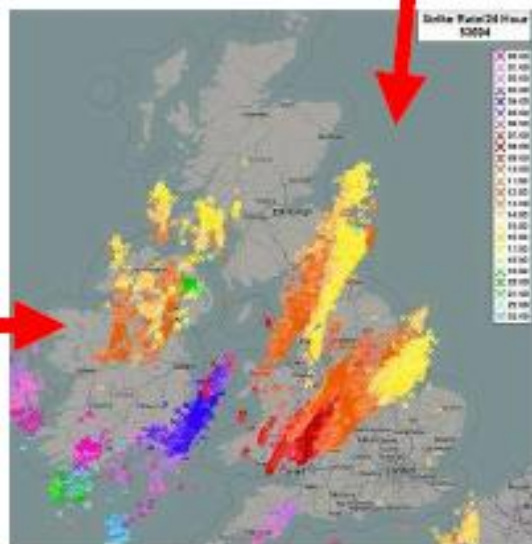
Sunspots 1512 & 1513 are crackling with C-class solar flares: SDO/HMI



(Left) WeatherAction forecast map issued mid May of likely weather around 29 Jun to July 1 (+/- one day) with powerful **'R4' RED WEATHER WARNING** for the same period. **The apocalyptic storms on 28th were part of this solar driven Red warning period.** Regional details were approximate when this map was issued 6 weeks ahead but it means that any storm around was likely to be serious. The Met Office however ignore WeatherAction warnings and consistently under-estimate extremes so the public suffers needlessly. DMail: <http://bit.ly/OCKXOE>



An important Coronal hole, near Earth-facing June 28 & a few days



SUBSCRIBE!

WeatherAction

UK+Ire What will hit the Olympics?
USA Forest Fires?
Europe Deluges or superheat?

Subscribe!!

<http://bit.ly/utWrvj>

WeatherAction.com / Buy

Thank you

Europe JULY 2012 - Public headline summary

THIS page is public and available separately (WA1 2No31). The inside 8 pages of EuroMaps full regional detail & timing in 8 periods through July is available via <http://www.weatheraction.com/watember5.asp> Enquiries +442079399946

A July of dramatic contrasts and likely record-level extremes

- **“Off-scale” rain, thunder-floods, giant hail, gales & tornado damage likely in NW Europe**
- **Record or near record heatwave East Europe - Forest fires likely.**
- **South track of Lows & S extension of Greenland High continue new ‘Little Ice Age’ (LIA), ‘Jet Stream South’, type circulation.**

The circulation patterns will be driven by changing Solar-Lunar factors which govern game-changing shifts of the Jet stream and associated tracks of Lows and consequential extreme deluges and extreme weather events and are predictable by WeatherAction's Solar Lunar Action Technique (SLAT) from months ahead.

Standard warmist Meteorology which denies the reality of the pre new LIA world will – like last month – run into serious problems and underestimate the severity of events especially around WeatherAction's main Red warning periods (**R4 & R5**) during which **standard Meteorology** short range forecasts of **rain will need to be doubled and flood and hail / tornadic events are likely to break records or go ‘off-the-scale’ at times.**

WeatherAction™ © & Piers Corbyn accept no liability for any loss howsoever arising from use of forecast information. Application of forecasts is entirely at the user's risk. News content of this bulletin is public but no forecast content may be published or circulated in media or used in production of other forecasts without agreement of WeatherAction and Piers Corbyn such as from signified sections or pages of the bulletin(s) or quotes issued to the newspaper or media concerned or displays is used on www.weatheraction.com



Vineyards trashed by giant hail May & June France. There will be many more setbacks to agriculture as the LIA approaches.

Massive Hail and thunder N/W Europe confirm WeatherAction

Thunderbolts blitz Berlin 29 June and massive hail damage in East France in the same period confirmed WeatherAction EuroMaps warnings for late June issued 30 May.

“These type of extremes or worse will continue through July and the devastation to Vineyards and crops already caused in Europe by earlier storms will continue this summer as Little Ice Age type circulation, storms, hail and, also, cruel winter blasts get a more frequent grip **summer and winter** in coming months and years”.

‘New Little Ice Age’ extreme weather is taking over

“The CO2 warmists claim that extreme weather would come from their delusional warming was a story they made up to frighten people. **The real extremes we see before us around the world – rather than computer model**

alarmism – are predictable and caused by predictable solar driven shifts of the Jet stream as the world cools towards a new Little Ice Age. The CO2 fiction has pointed the world in the wrong direction. Governments must face reality: prepare for the setbacks to food production and must boost economies rather than trash them with CO2-based taxes and energy price hikes”, says Piers Corbyn astrophysicist of WeatherAction long range forecasters.



Euronews pic-of-day for Berlin 29 June <http://bit.ly/MIRFuU>

How much CO2 is there in the atmosphere?

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



CO2 in the atmosphere is equivalent to

1 ¼ inches on the top.

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

Or 0.035%=> 0.036%

ANTS produce TEN times as much CO2 as ALL man's output!

Termites & CO2 **- FACTS**

- Termites produce more CO2 each year than all other living things combined.
- **Will there be a War on Ants?**
- It is estimated that for every human on Earth there may be 1000 pounds of termites.

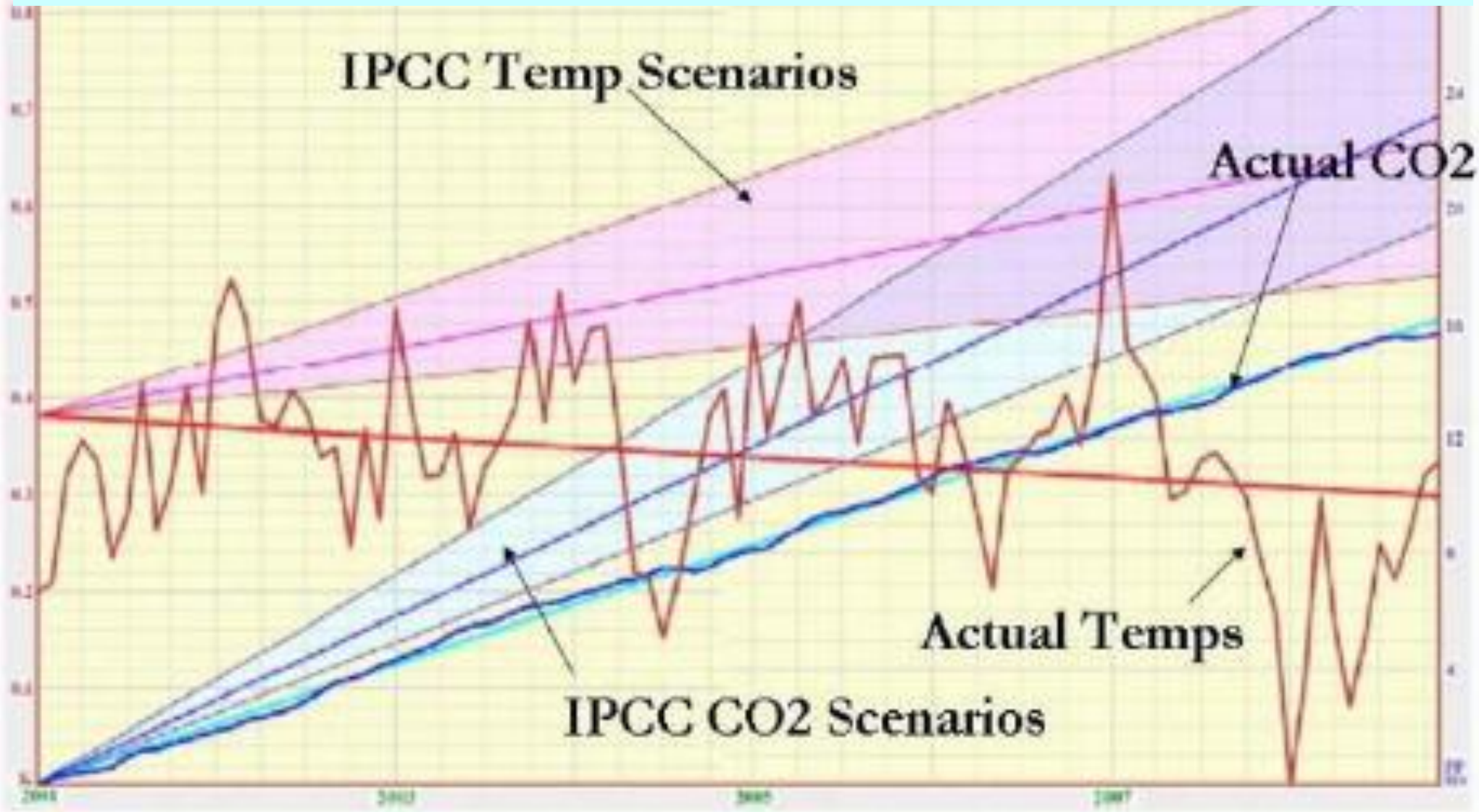
<http://www.termitedetector.com/detection.cfm>

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** its predictions and expected past correlations.
- **Climate change is a natural process and is not new!**
- **Temperatures control CO2 NOT the other way**
- **No increase in extreme events with CO2**
- **ALL predictions of CO2 “theory” have failed**
- **The “theory” itself is based on a conjuring trick**

The UN (IPCC) Forecasts have comprehensively failed

At the Oct 27 2010 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**"



The CO2 Warmist scares have comprehensively failed

THEY TOLD US in 2000:

Dangerous climate change within decade or so:

World runaway warming

Droughts & Heatwaves UK

The End of Snow by 2010 UK

More USA Hurricanes

World massive Ice melts

Springs Eu UK USA earlier

Large Sea level rise

WHAT HAPPENED

from around 2007 to 2013

The World got colder

While CO2 went up

Floods, cold & Hail

Dramatically more snow

Less USA Hurricanes

MORE World ice,
& Dishonest reporting of Arctic

Springs LATE & COLD!

NO - *Same slow rise since last Ice Age*

NOW THEY SAY WARM IS COLD!!

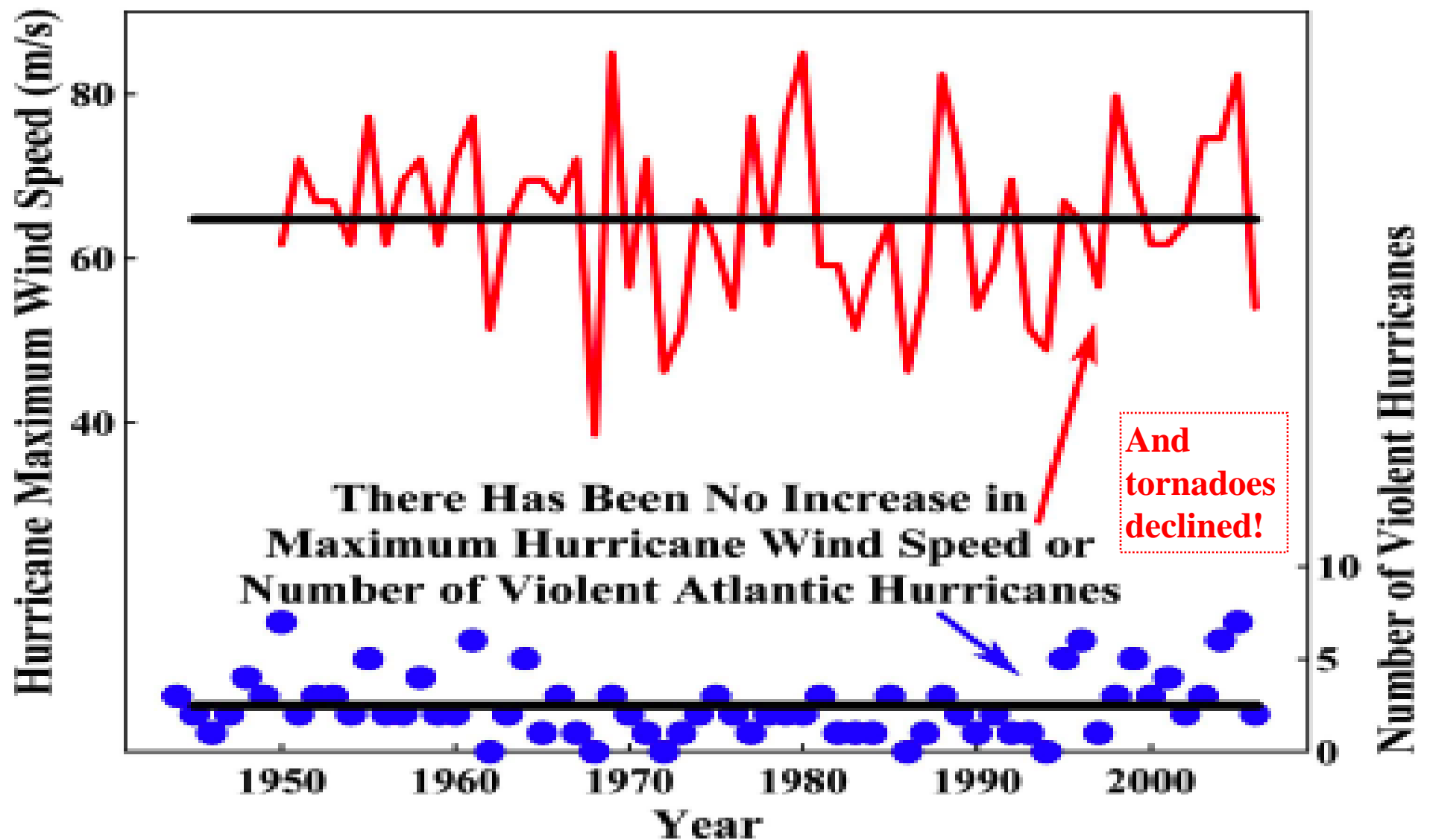
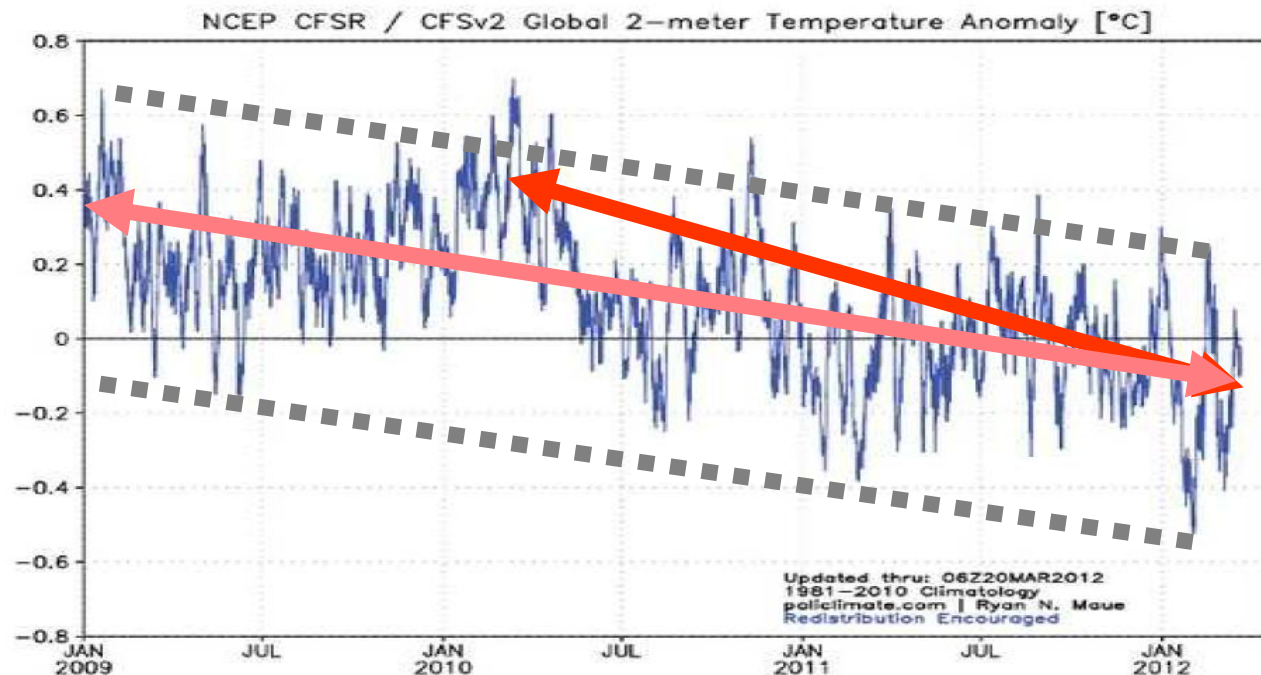
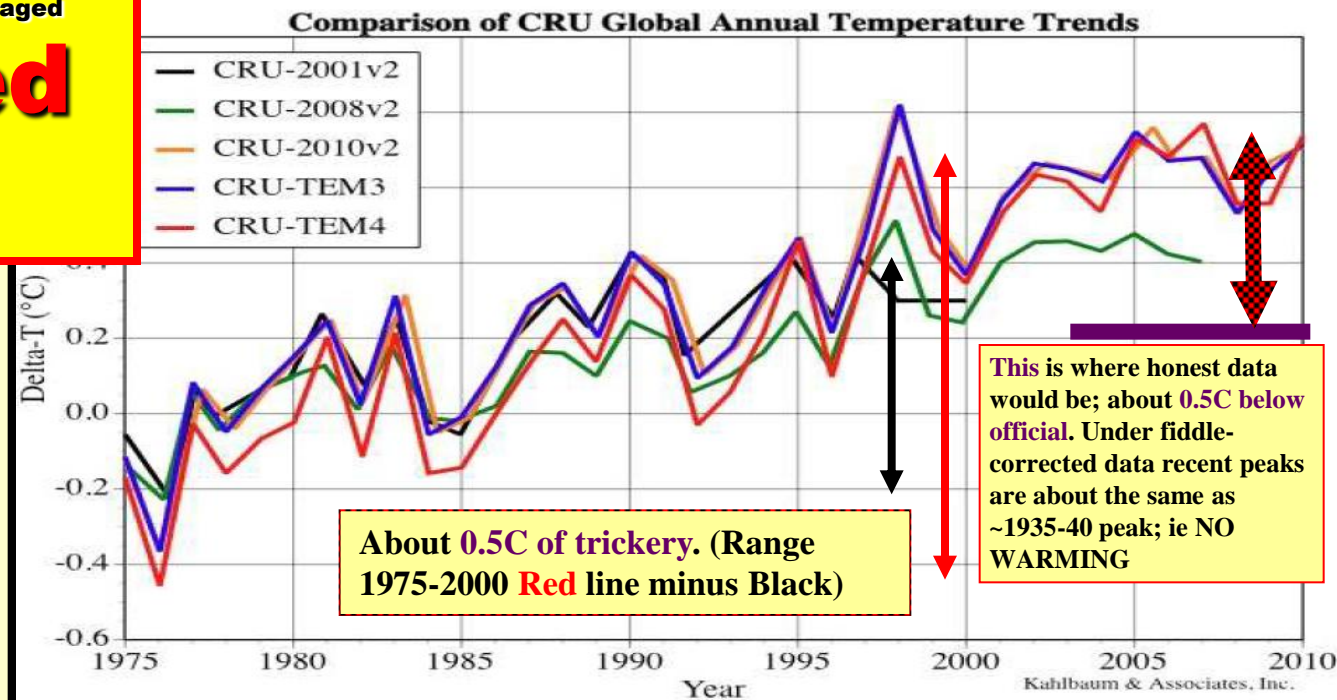


Figure 10: Annual number of violent hurricanes and maximum attained wind speed during those hurricanes in the Atlantic Ocean between 1944 and 2006 (22,23). There is no upward trend in either of these records. During this period, world hydrocarbon use increased 6-fold. Lines are mean values.

They Changed the FACTS!

Warmists have been fiddling ("selecting") data for years –

- systematically removing stations to make the data look colder in the past & warmer now
- BUT Whatever they do, even with 'new' data the WORLD IS COOLING while CO2 still rises



Their claims about CO₂ & temperature & Climate are FACTUALLY FALSE

Greenpeace exposed

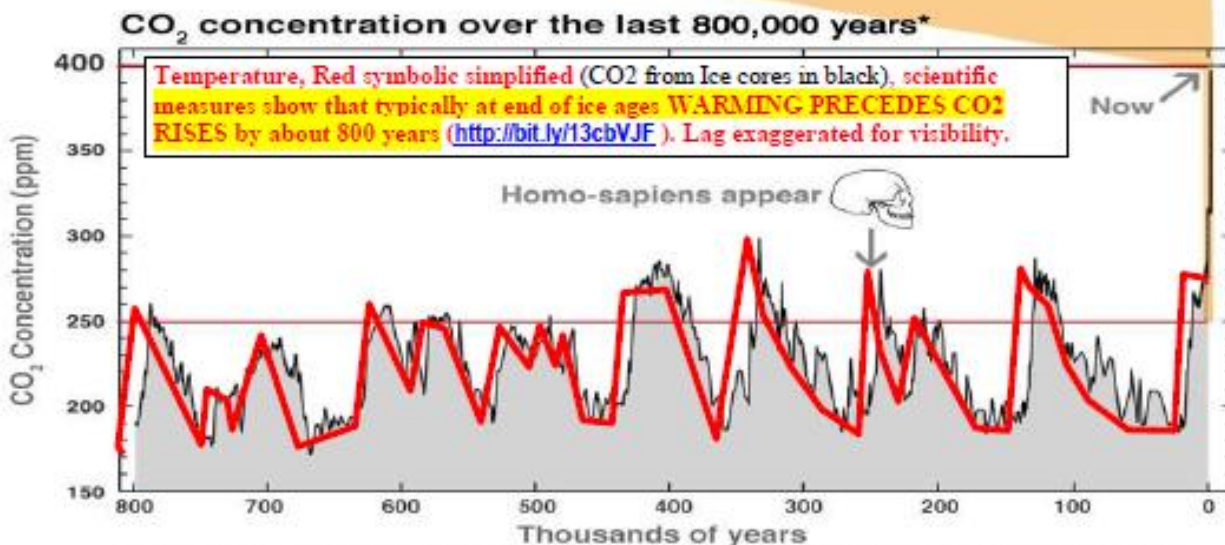
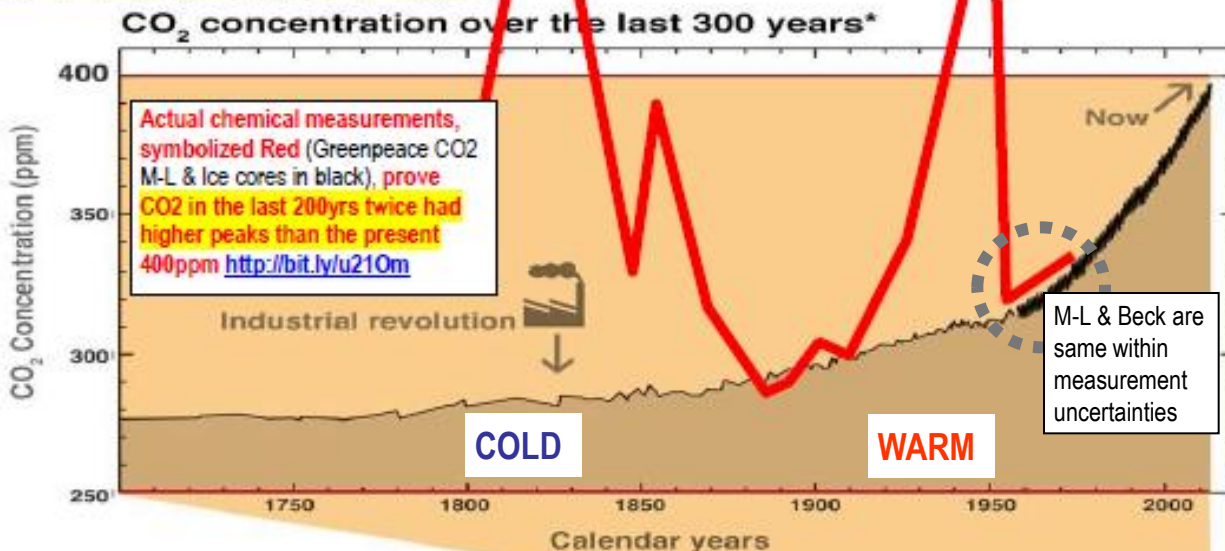
The Dutch-based commercial propaganda business, **Greenpeace**, went into 'unprecedented' delirium 10/11 May as 'Official' levels of the trace-gas CO₂ from the Mauna Loa active volcano site reached 0.04% (grandly termed 400ppm) pic.twitter.com/Yu403FMDDd. Their key claims portrayed in dodgy spin graphs (black) are false and disproved by the scientific **FACTS** symbolically presented in **Red overlays**.

0.04% levels are not 'unprecedented' but exceeded twice in the last 200 yrs – around 1820 in the later 'Dalton' Mini Ice Age and ~1940s, a warm period. Greenpeace, whose profits depend on headline-grabbing propaganda falsify reality by using two different sets of measurements:- recent, from 1958, chemical methods and preceding; ice core methods which lose past CO₂ spikes due to it's diffusion through ice. (Refs Beck 2006 inset, Jaworowski 2007). Scientific chemical measures, **Red**, are close to Mauna Loa and mostly well exceed prior ice-core flattened underestimates.



2. Historically Temperature rises LEAD CO₂

Greenpeace propaganda (black lower graph) confuses cause and effect by ignoring this fact which threatens to terminate much of their income stream and Green surcharge scams of energy companies, governments and carbon-delusion businesses & banks.



*Data from ice-cores until 1958 when records started at the Mauna Loa observatory in Hawaii

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

At a 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"

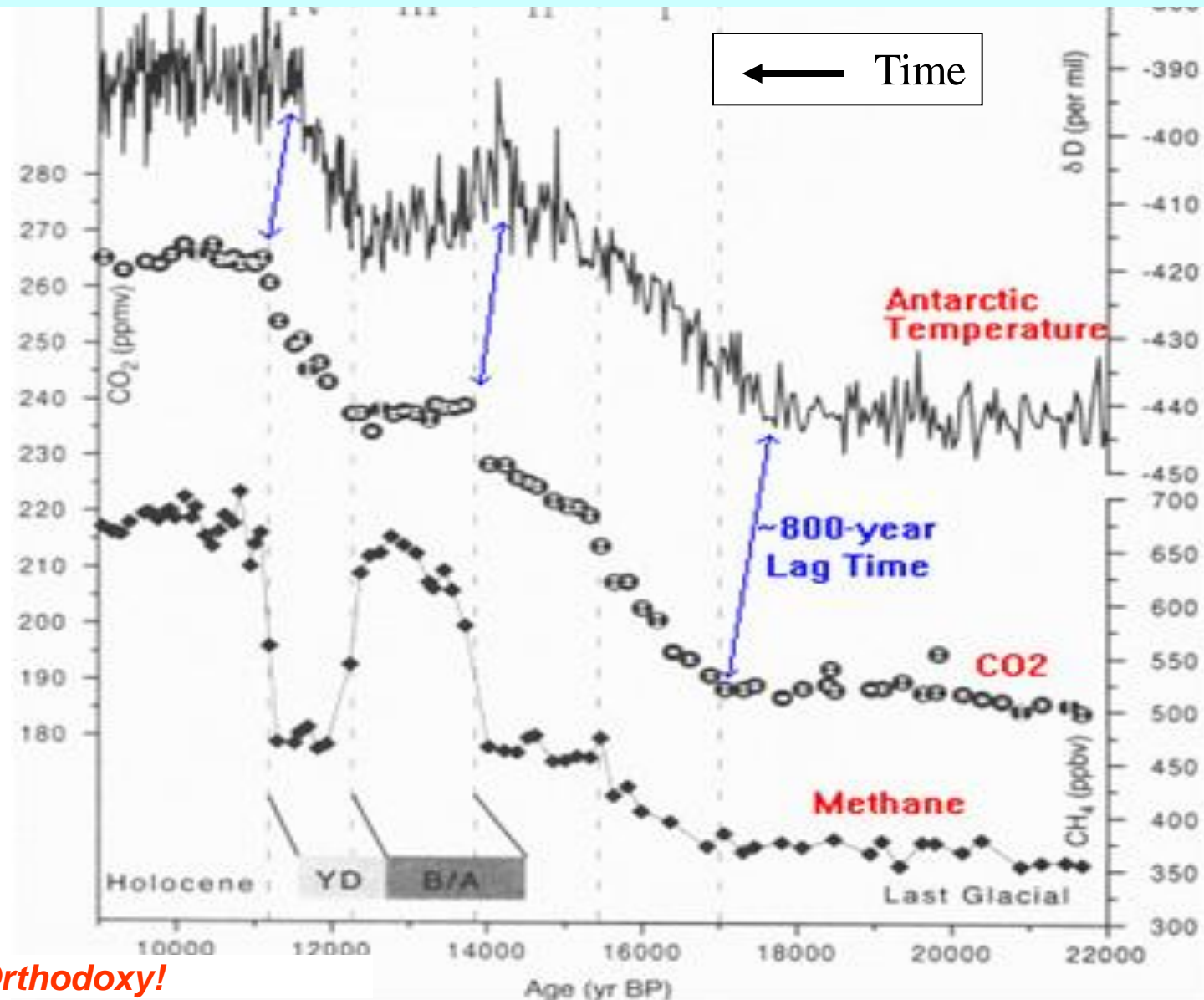
At the end of the last ice age temperature changes LEAD CO2 by 800yrs

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.

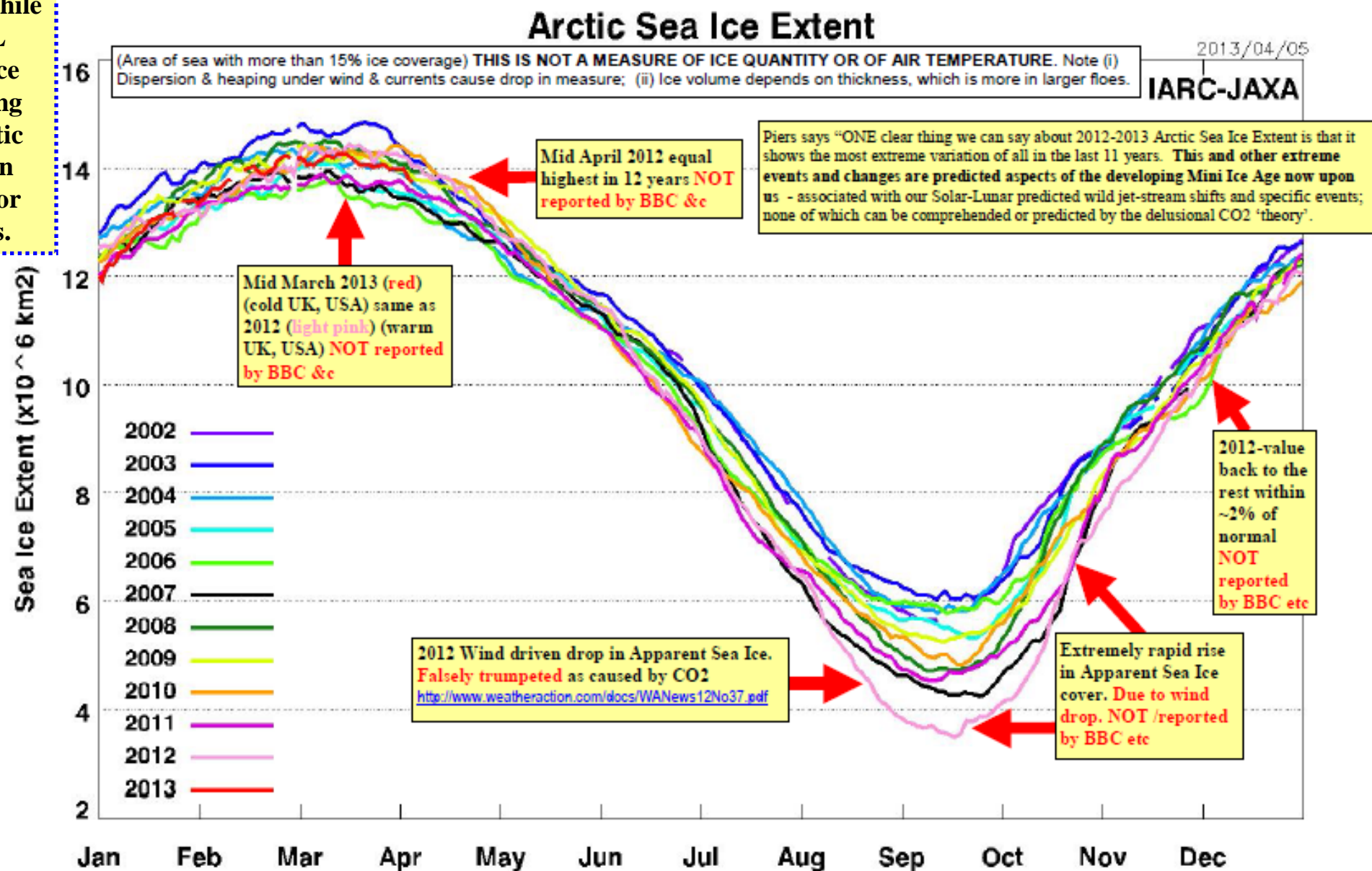


Inconvenient Truths for GW Orthodoxy!

HIDE THE RISE! The Warmists Arctic Sea Ice trick 2013

- What the BBC did not report

Meanwhile
TOTAL
world ice
including
Antarctic
has been
rising for
decades.



Less Arctic Ice & Cold Springs / wet summers USA+Eu. Was it CO2 or Solar-Lunar factors?

It happened before with less CO2 & similar Solar-Magnetic lunar relations & weather Arctic & Eu!
TWO questions.

1. Is there a match between Low Arctic Sea Ice and weather eg cold UK, USA Marches? NO!

Mid-March ice levels were the same in 2012 and 2013 but UK, Eu & USA weathers were opposite.

2. Did Low Arctic Ice & similar weather happen before & Why?

Summer 2012 in Britain, Ireland & Europe was like 1816 - 'The year without a summer', and similar summers around then in the last Mini-Ice-Age. 'Official' CO2 was lower then but the Sun-Earth particle-magnetic relationship and lunar modulation described by Piers Corbyn's 'Solar Lunar Action Technique' (SLAT) of long range forecasting were similar. This is why:

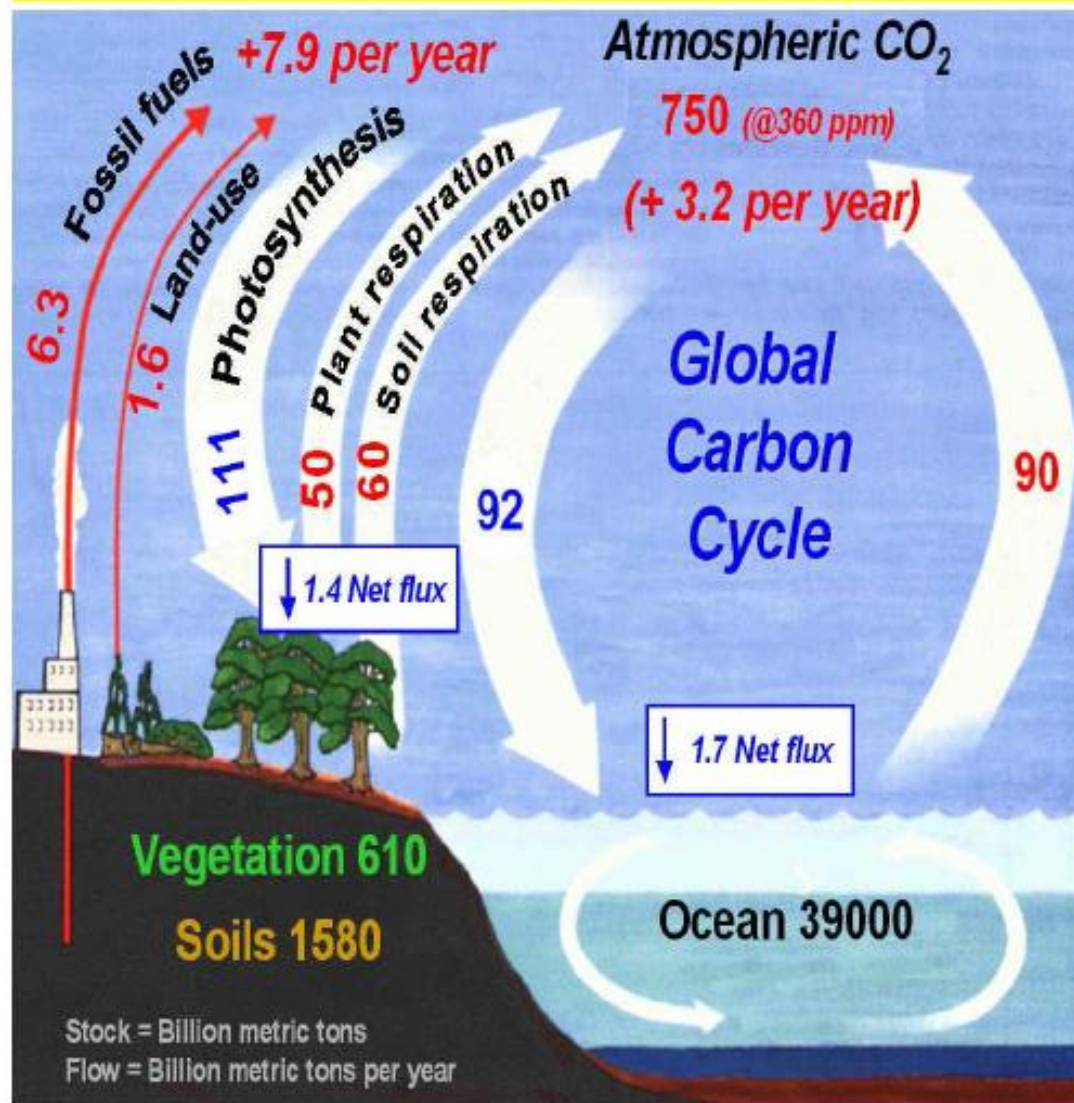
- (i) the Jet stream was thrashing around in a similar extreme fashion then and now giving *predictably* very wet Eu summers cold Springs and failed crops;
- (ii) the consequent phase and patterns of ocean circulation and stratospheric winds were similar so then as now increased North-South ocean currents sent mild water into the Arctic which melted ice from *underneath* - nothing to do with CO2 aloft. **The Royal Society reported to HM Admiralty in 1817 that the Arctic ice had "*Greatly abated in the last 2 years*"** (prob to less than now).

=> Then as now Mini-Ice Age conditions were driven by predictable solar-lunar effects. SLAT predicted last summer's torrents and the late cold snowy winter & Spring Eu+USA. CO2 failed & predicts nothing."

REAL CLIMATE CHANGE IS HERE NOW - DRIVEN BY THE SUN, NOTHING TO DO WITH CO2!

The bogey Lie of Ocean "Acidification"

- **AND the Methane scare** - Hysterical research grant scams
- CO2 in sea & air is the gas of life, not a pollutant



Inconvenient Facts

1. Sea life did not die out – it boomed - in Jurassic and Devonian times & before when CO₂ was 5x and 10x present.
2. Sea CO₂ is over 50x that in air. The ratio (partial Pressure of CO₂ / sea concentration) is fixed by Henry's Law
3. The idea that atmospheric CO₂ can ever significantly change sea CO₂ in the real world is a LIE propagated by politically deluded fools in the media and charlatans in academia.
4. The relationship is the other way. Increasing sea CO₂ from undersea volcanoes can increase air CO₂ and the bounteousness of plant life.
5. In a sci-fi model of the world, all air CO₂ shifted into the sea could only increase its concentration by 2%.
6. **The methane (CH₄) bogey**, is similar fiction. Nothing happened in geological times when all tundra melted. CH₄ is anyway removed by methanotrophic bacteria in soil.



The CO2-Warmists “Theory” of extreme weather events – GW is renamed Climate Change!

The theory of ‘Global warming’ holds that Man’s CO2 causes Global Warming and this causes other Climate Change and extremes.

CO2 → Global Warming → Climate Change

We have heard a lot about weather extremes & ‘Climate Change’

Since 1998 CO2 has gone up *but World Temperatures have gone down.*

ALL subsequent years* have been colder than 1998

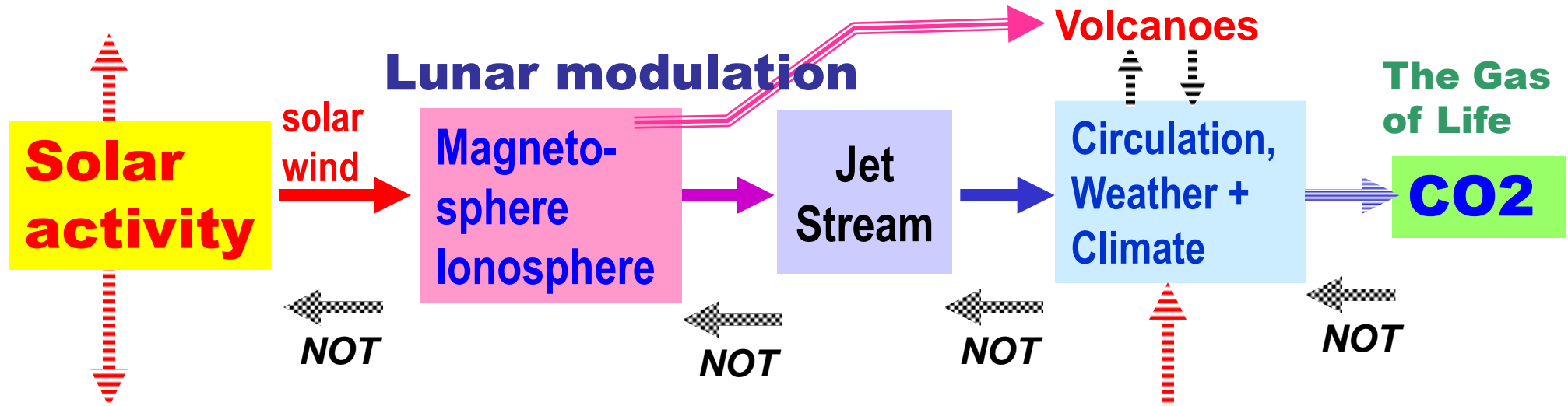
Or In terms of two year moving averages the peak was 2002/3

*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 post Industrial revolution CO2 has NOT caused ANY
change that wasn’t going to happen anyway!***

Solar-magnetic activity with Lunar modulation drives weather, climate and CO2 – NOT other way around!



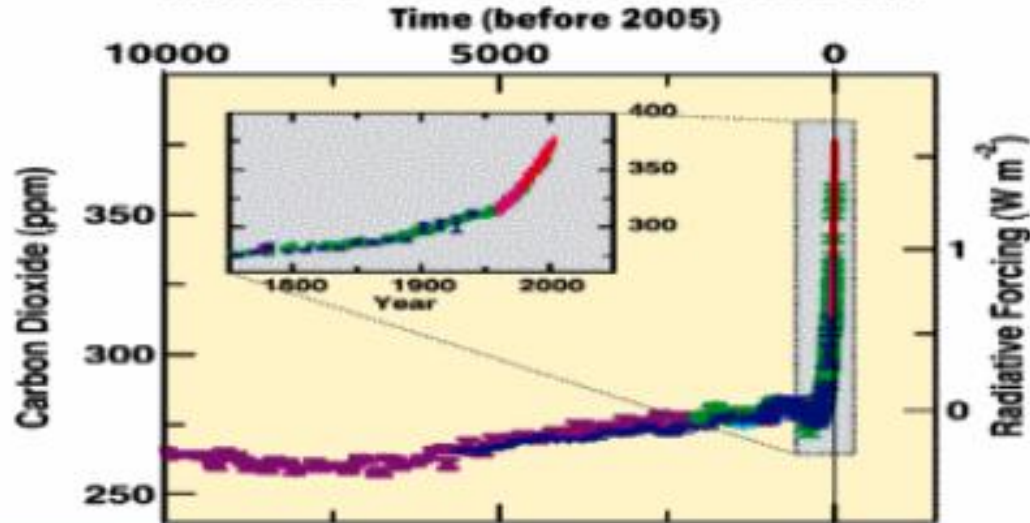
Connections 'OFF' = Ice Ages – The norm of sun-earth links in the last million years

WE HAVE NEVER HAD IT SO GOOD

Global Temperature and Atmospheric CO₂ over last 10,000 yrs move ~oppositely.

The Feb 2007 IPCC 'Summary for Policy Makers' graphed CO₂ changes from 10k years ago - top graph, but did not plot corresponding temperatures - lower two graphs
Official data added by Piers Corbyn

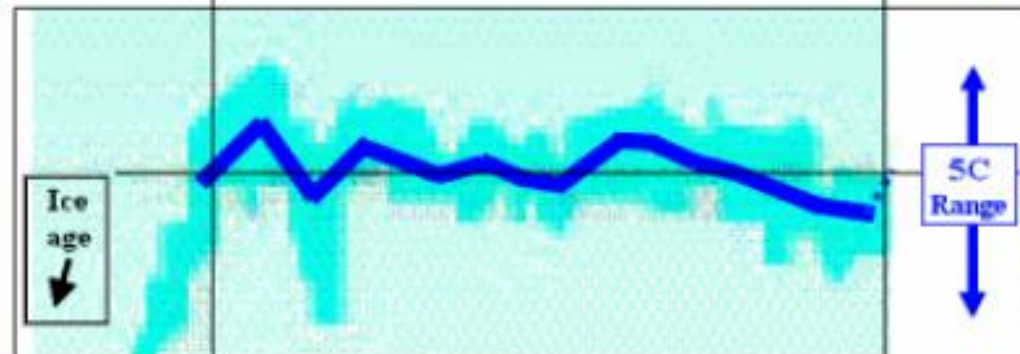
Changes in Greenhouse Gases from Ice-Core and Modern Data



From IPCC Summary For Policy Makers

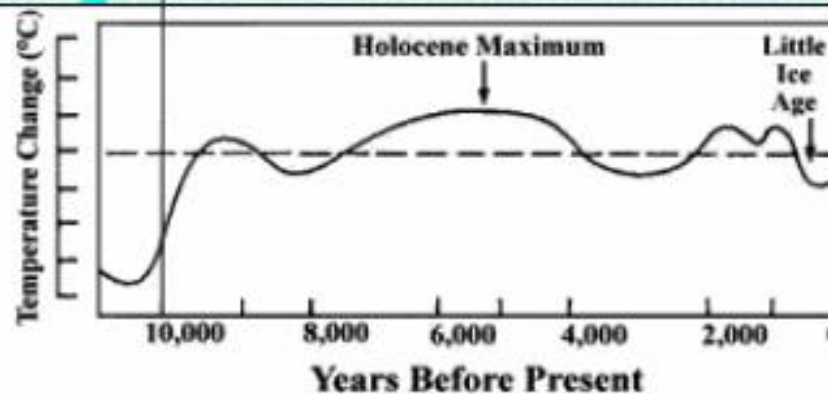
'The Physical Science Basis'

Fig SPM1 Feb 07



Blue band = range of estimates, dark blue line = mid-line smoothed over centuries, short fluctuations not shown. Degrees Celsius relative to present.

From ACIA - Arctic Climate Impact Assessment project.



Earth's recent Climate History

Houghton, J.T., et al (Eds.). 1990

Compiled by Piers Corbyn Weather Action, London, 1st Mar 07. piers@weatheraction.com 02079399946 / 07958713320

Where is World Climate Going?

Solar activity predicts Major **COOLING**

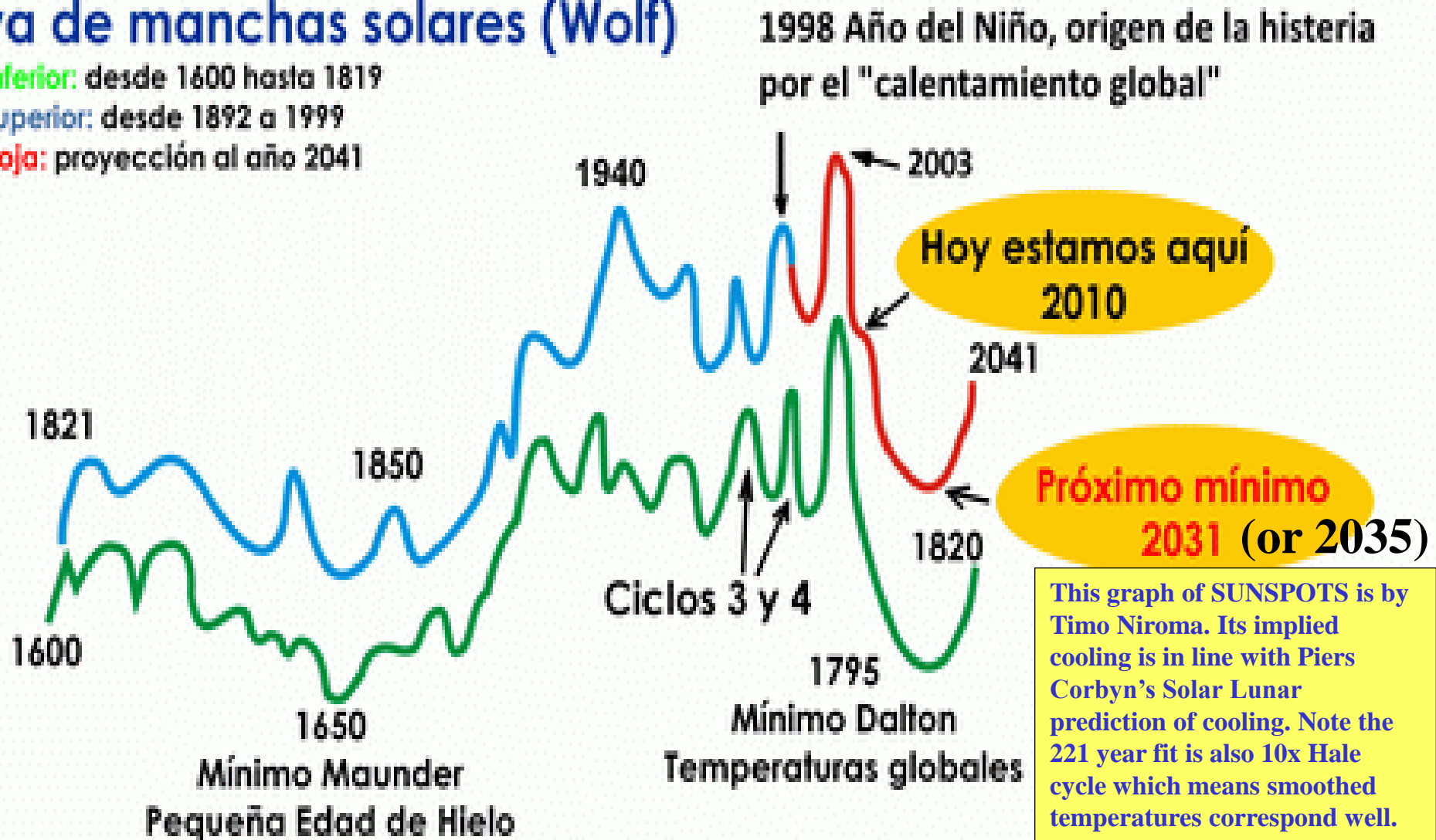
Acknowledgements below

Curva de manchas solares (Wolf)

Curva inferior: desde 1600 hasta 1819

Curva superior: desde 1892 a 1999

Curva Roja: proyección al año 2041



Fuente: Timo Niroma <http://personal.leunet.fi/pp/timori/timori6.html#chart>

The developing MIA (LIA) circulation on now

(Also <http://www.weatheraction.com/displayarticle.asp?a=451&c=5>) is **Solar Climate Change** here & now & is characterized by:

1. Sun generally quieter & magnetically more confused, solar wind slower.
2. Very large amplitude swings in the Jet stream (NH and SH) with the Jet stream average position shifted equator-wards => **More 'Sandy's'**
3. General Cooling especially of temperate zones and simultaneous warm and cold (larger) regions marking different 'ends' of jet stream large amplitude wave effects.
4. Very rapid changes in weather particularly in temperate zones
5. Rapid changes in standard parameters – NAO, AO etc
6. Stark extremes including more giant hail and tornadic developments (higher lapse rate)
7. An increase in major earthquakes and volcanism
8. **Serious limitations of the powers of standard meteorology even 1 or 2 days ahead at times. This was in evidence through most of April and May 2012. These problems will largely continue for at least 25 years and no amount of tweeking standard models or increasing computer power even a thousand fold will overcome it. Standard Meteorology is past it's peak.**

SLAT8 is designed to better predict in *the approach to the New Little Ice Age circulation patterns* the world is now in and uses a wider range of look-back weather data (NB we are constantly seeking more) and considers more rapid change options which may need more modification or changes (if rules suggest) of Look-Back maps particularly under potential sudden Jet stream switches and consequent sudden warming or sudden cooling in regions. SLAT 8 will also (as previous SLATs but more effectively) be able to give long range warning of impending errors in standard Meteorology.

A general inference of SLAT is that the Little Ice Ages** and periods such as The Medieval warm period and Bronze age were consequences of solar-lunar driven Jet stream shifts and hence covered the whole of the temperate zones in both North and South hemispheres at around the same time.

** Eg the Maunder Minimum around 350 years ago and the Dalton Minima around 200 years ago.

REAL CLIMATE CHANGE IS HAPPENING NOW, DRIVEN BY THE SUN & NOTHING TO DO WITH CO2!

Key Weather on in 2013 & the coming decade

2013 Summer & into Sept Preliminary Notes (more at Meeting)

Brit+Ire - Mostly wet cold and cloudy. Large hail. Some floods (Full details in forecasts issued)

West Europe - often unsettled (Full details will be in WeatherAction Eu forecasts)

SE/E Europe - heatwaves & drought later. (ditto)

USA - June prob Wet. July, Aug & Sept some heatwaves N/E with extreme heat and forest fires likely in N/E in mid-Sept (Full details will be in WA USA forecasts)

2013 October

Japan – Early Oct tornadoes likely. USA - prob largely dry / ‘Indian’ Summer (to be re-visited)

N France / Low Countries & SE England - **late Oct a very major damaging storm** (75% confid, tbc)

Australia & New Zealand – likely extreme events (storms) ~ same times

Nov and Winter months – forecasts not yet produced.

West Europe Britain & Ireland probably not exceptional (as far as looked).

General coming 25 years (NH & SH Temperate zones)

More wet / very wet cold summers with severe hail and tornadoes in Europe, Br+Ir, USA. Some contrasting heatwaves when jet stream stuck. **Both bad for agriculture**

More very EXTREME (colliding air mass) temperate zone STORMS

- like Hurr Sandy 2012 (USA), The Tempest 1703 (Eu/UK)

More cold and snowy winters – becoming v extreme – **Bad news**

More late cold and snowy Springs - **Bad for agriculture**

What should you do?



1. ENJOY life! Enjoy the planet!

Don't feel guilty about 'carbon footprints'.

CO2 is the Gas Of Life (GOL)! More GOL increases plant & animal life.
GOL (CO2) IS NOT A POLLUTANT. MORE CO2 IS GOOD NOT BAD!!!!

2. Accept Man can't change Climate!

The Problem is Climate Change POLICY. 'Climate Science' lacks integrity.
Prove & predict! Standards of science must apply to Climate.

3. STOP Carbon reductions, Carbon tax & Trading

NO PRAYER WHELLS (Wind farms)

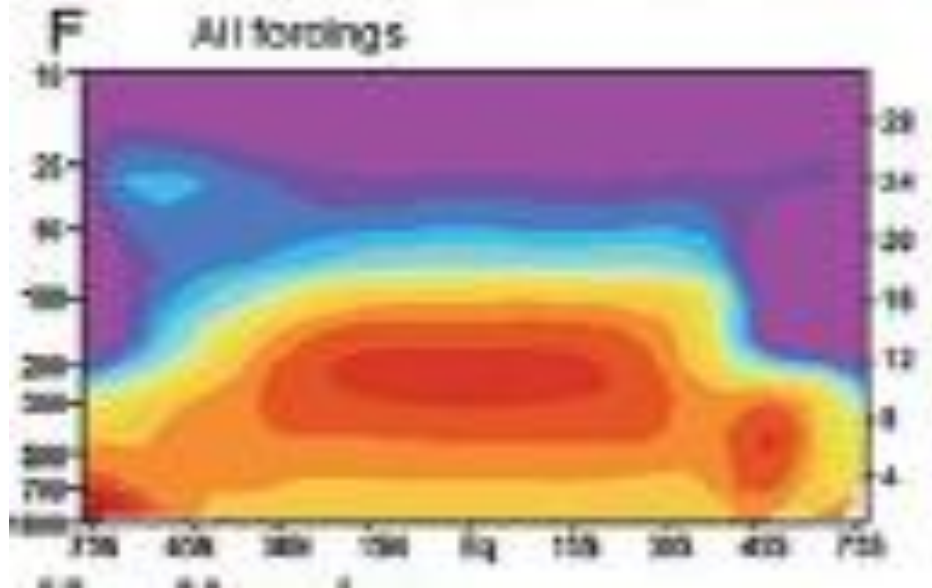
MONEY BACK on Green Electricity Charges - Theft

Your electricity bill has gone up 25% for the Green Con and is set to double

4. KEEP honest green policies to reduce smoke & chemical pollution and defend biodiversity.

5. USE LONG RANGE Scientific Solar-Lunar Weather Forecasts & Prepare for the developing Mini Ice Age

CO2 theory does not work



THEORY of HOTSPOT

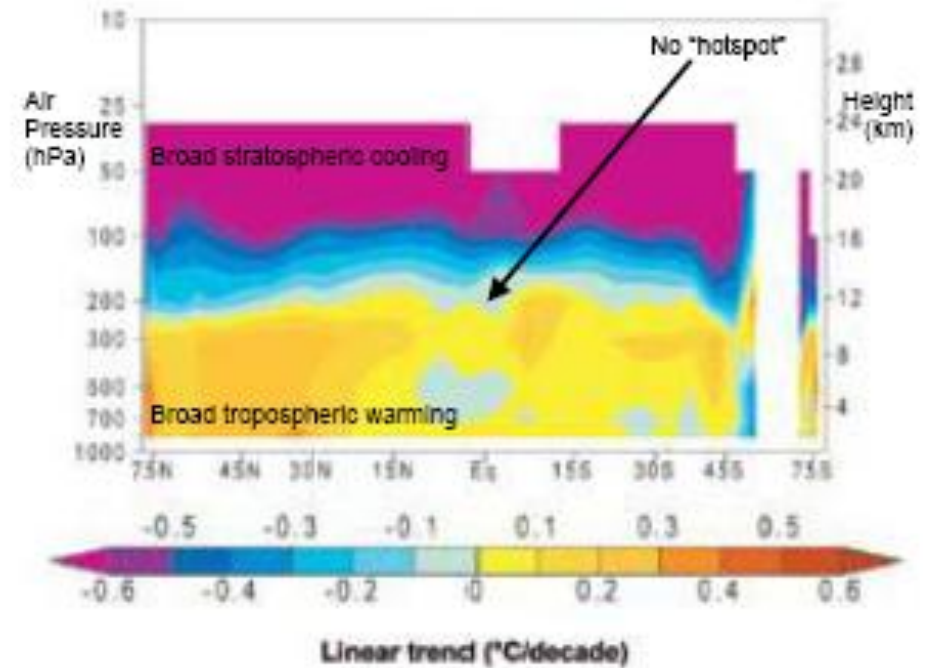


Figure 2: The observed pattern of atmospheric warming, 1979 – 1999, annotated.

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.

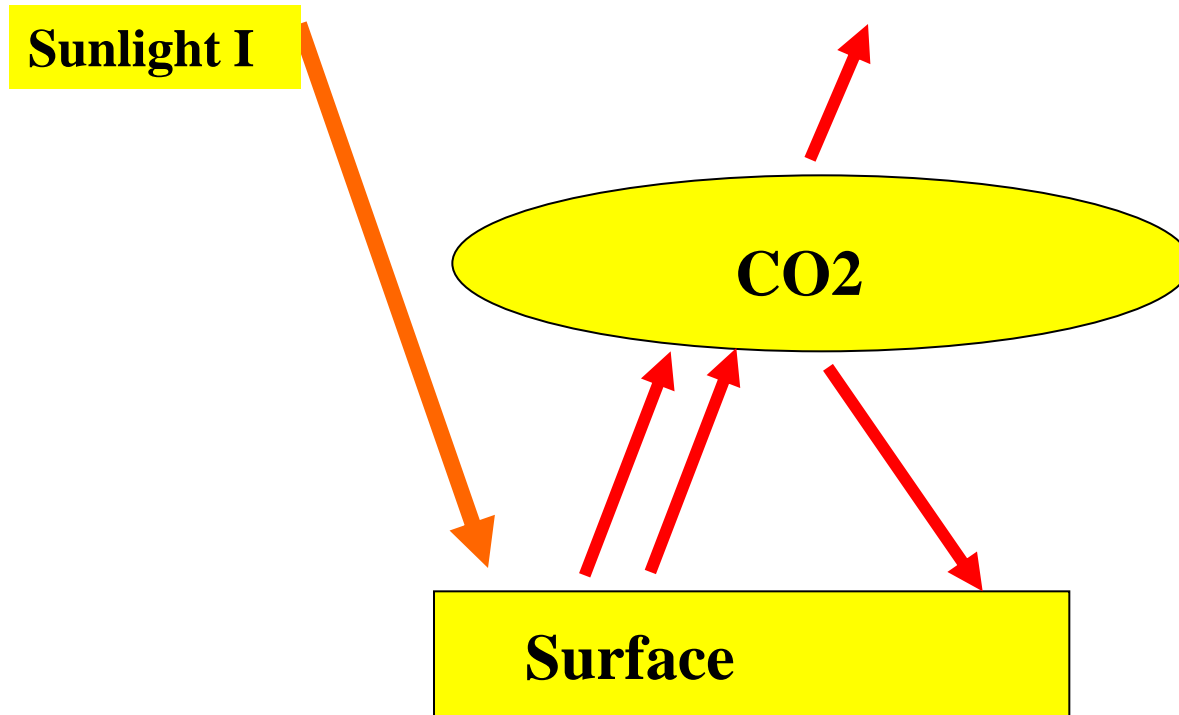
OBSERVED COLDSPOT

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

Why CO2 theory does not work 1

1a) BBC/ Royal Institution CO2 'Experiment' is a conjuring trick.

1b) Basic idea of the process – as portrayed in media is daft.

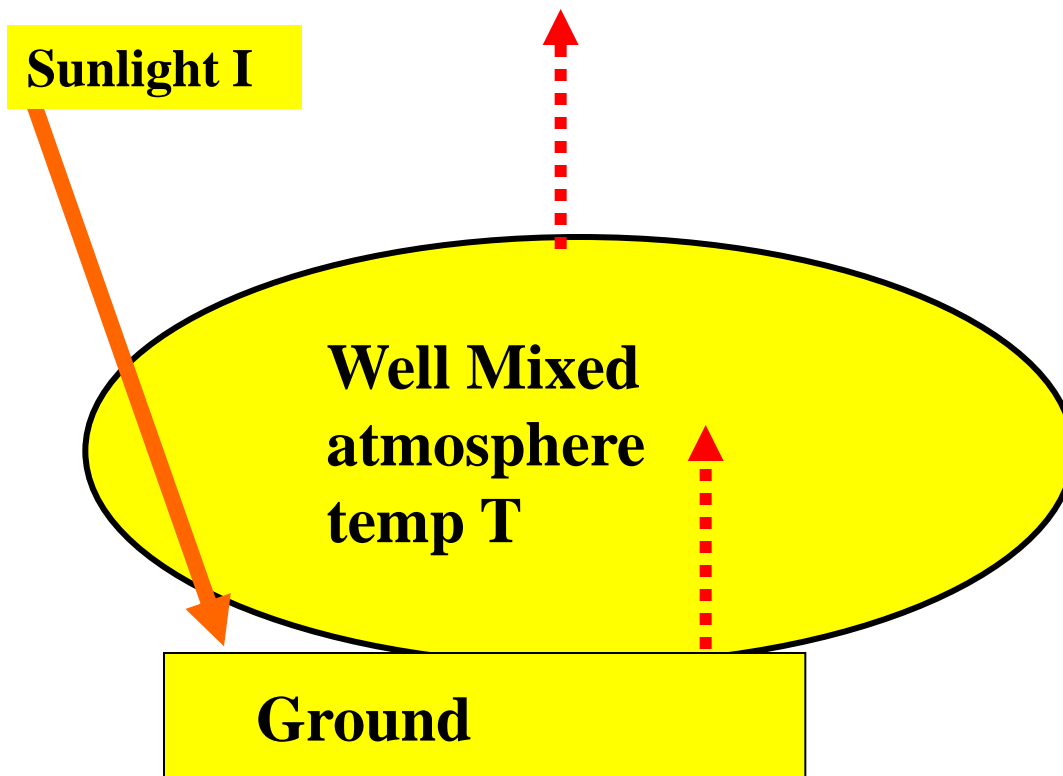


This is confusion and not actually what CO2 warmists properly argue.

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)



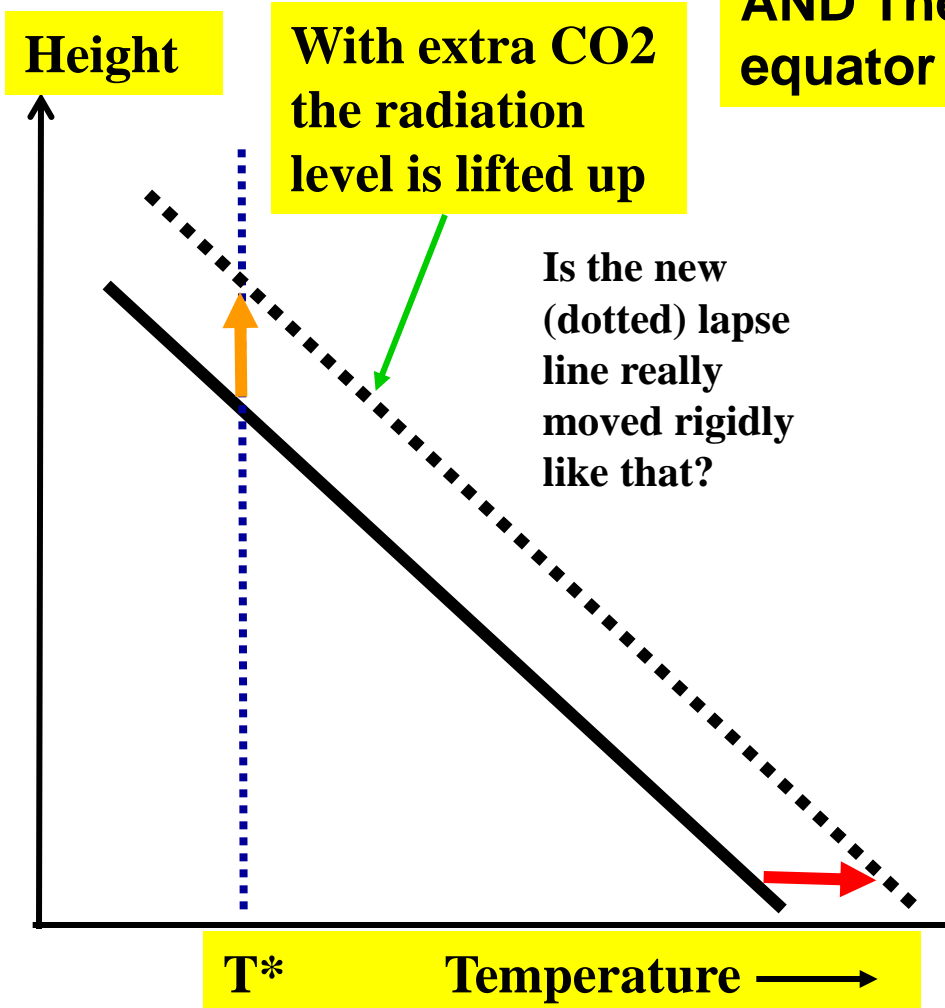
If temperature is uniform the radiation from the top (where more would come from if there is more CO2) would be the same as from the bottom or the ground, So adding CO2 to a uniform atmosphere has no effect.

However atmosphere is not uniform, so we have to look at it.....

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

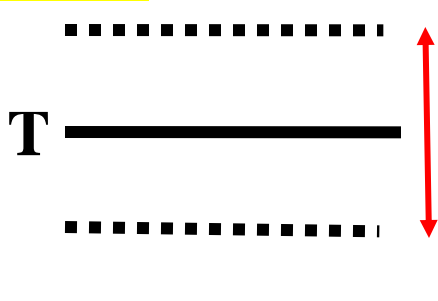
Apart from IMPORTANT change in clouds/ reflectivity of atmosphere & evaporation from oceans!

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 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.

Temp



Range **2r** goes up with extra CO2

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

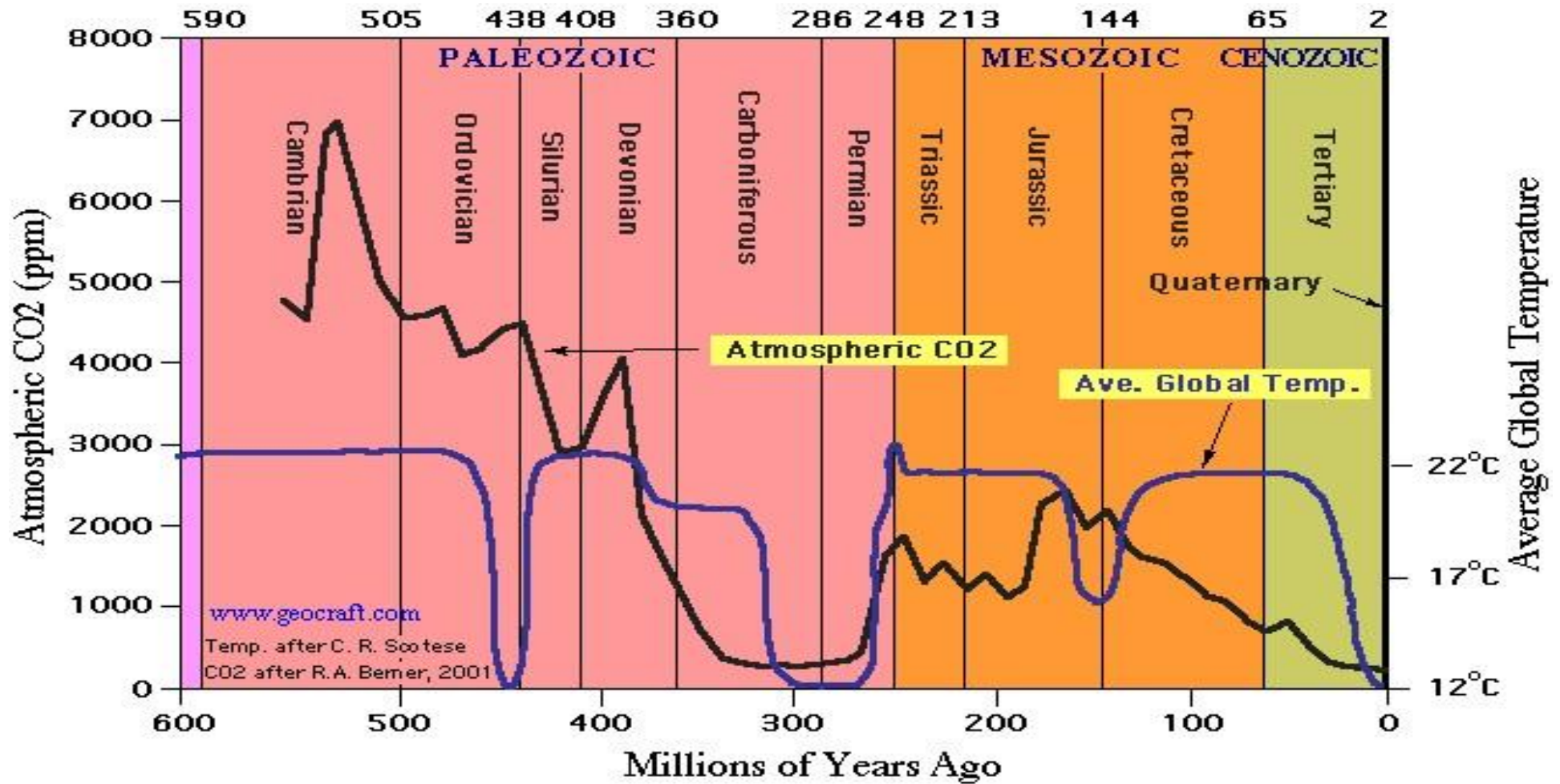
Work it out for the same radiation. For an increase Δr in half range, T will have to go

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.

Global Temperature and Atmospheric CO₂ over 600 Million yrs

- *No Evidence of CO₂ 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 CO₂ and temperatures were as low as they are today (Quaternary Period). At no point do temperature and CO₂ levels relate. *Temperature after C.R. Scotese* <http://www.scotese.com/climate.htm> *CO₂ after R.A. Berner, 2001 (GEOCARB III)*