
ABD Alliance of British Drivers Driving Sense

**The 2008 Climate Change Act
mandates Net Zero UK Man-made
Carbon Dioxide Emissions by 2050
to address a ‘climate emergency’.**

Background and Implications....

Net Zero Preparations... What Preparations?

- No Feasibility Study
- No Environmental Impact Assessment
- No Economic Impact Assessment
- No Societal/ Social Impact Assessment
- No Cost-Benefit Analysis

Even if the entire world adopts Net Zero policies it will reduce global temperatures by only 0.1°C by 2050 & 0.2°C by 2100

< Previous Next >

<https://www.cfact.org/2020/03/03/eliminate-fossil-fuels-now-u-s-climate-model-says-why-bother/>



Eliminate fossil fuels now — U.S. “MAGICC” model says why bother?

By Collister Johnson | March 3rd, 2020 | Climate | Comments Off

Recent Tweets

 All conservatives want a clean environment. While the American Climate Contract criticizes the Green New Deal, whi... twitter.com/i/web/status/1... 6 hours ago

 All conservatives want a clean environment. While the American Climate Contract criticizes the Green New Deal, whi... twitter.com/i/web/status/1... 16 hours ago

 The @Facebook inquisitors metaphorically burned “heretic” Michael Shellenberger at the stake for a

Good Money after Bad?

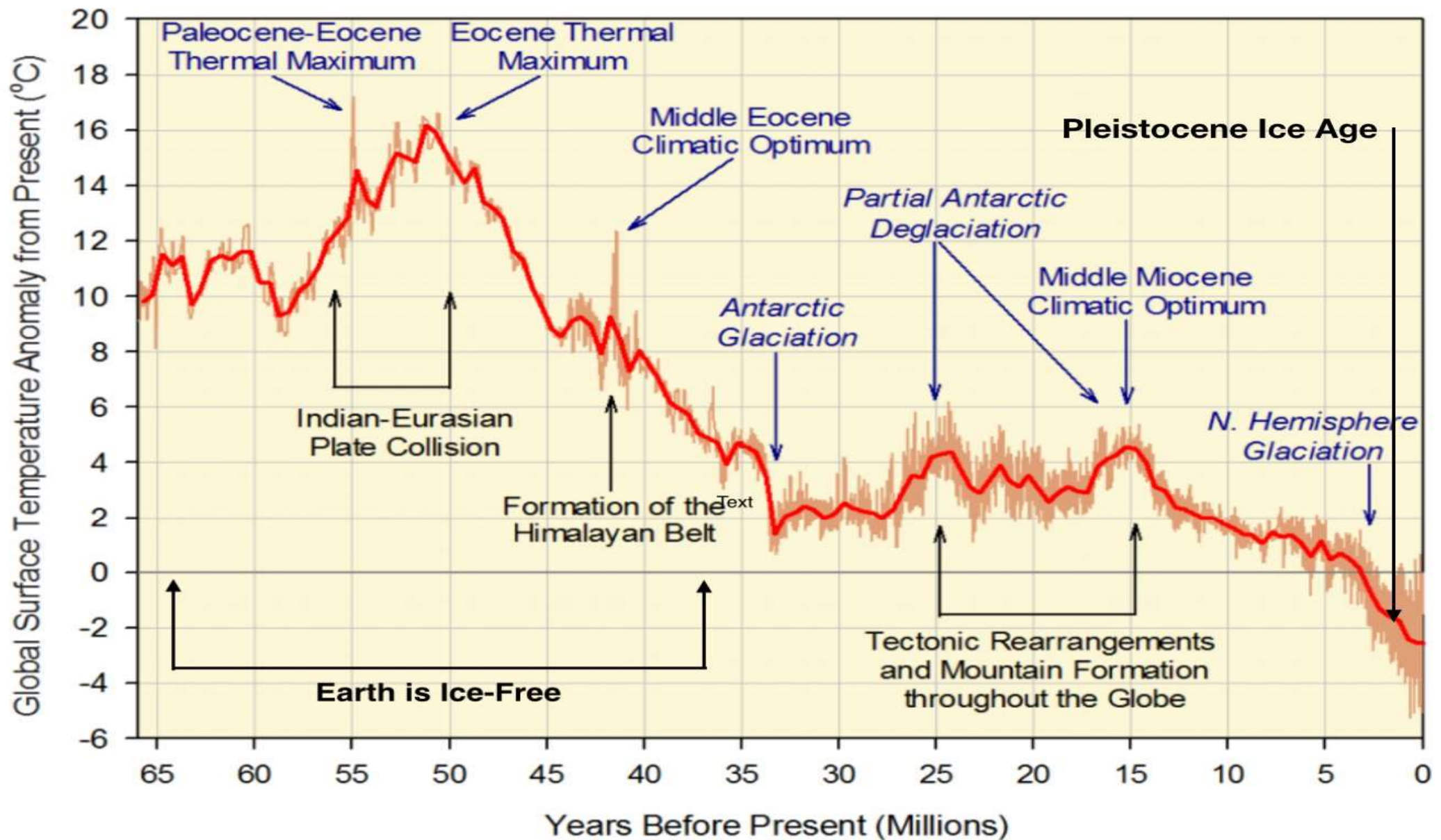
Net Zero Watch estimates the cost of Net Zero policies to the UK alone at £3 trillion¹ (>£100k per household!):

<https://www.thegwpf.com/cost-of-net-zero-will-be-astronomical-new-reports-warn/>

**£3 trillion for a 0.1°- 0.2°C temperature reduction by 2100:
Money well-spent?**

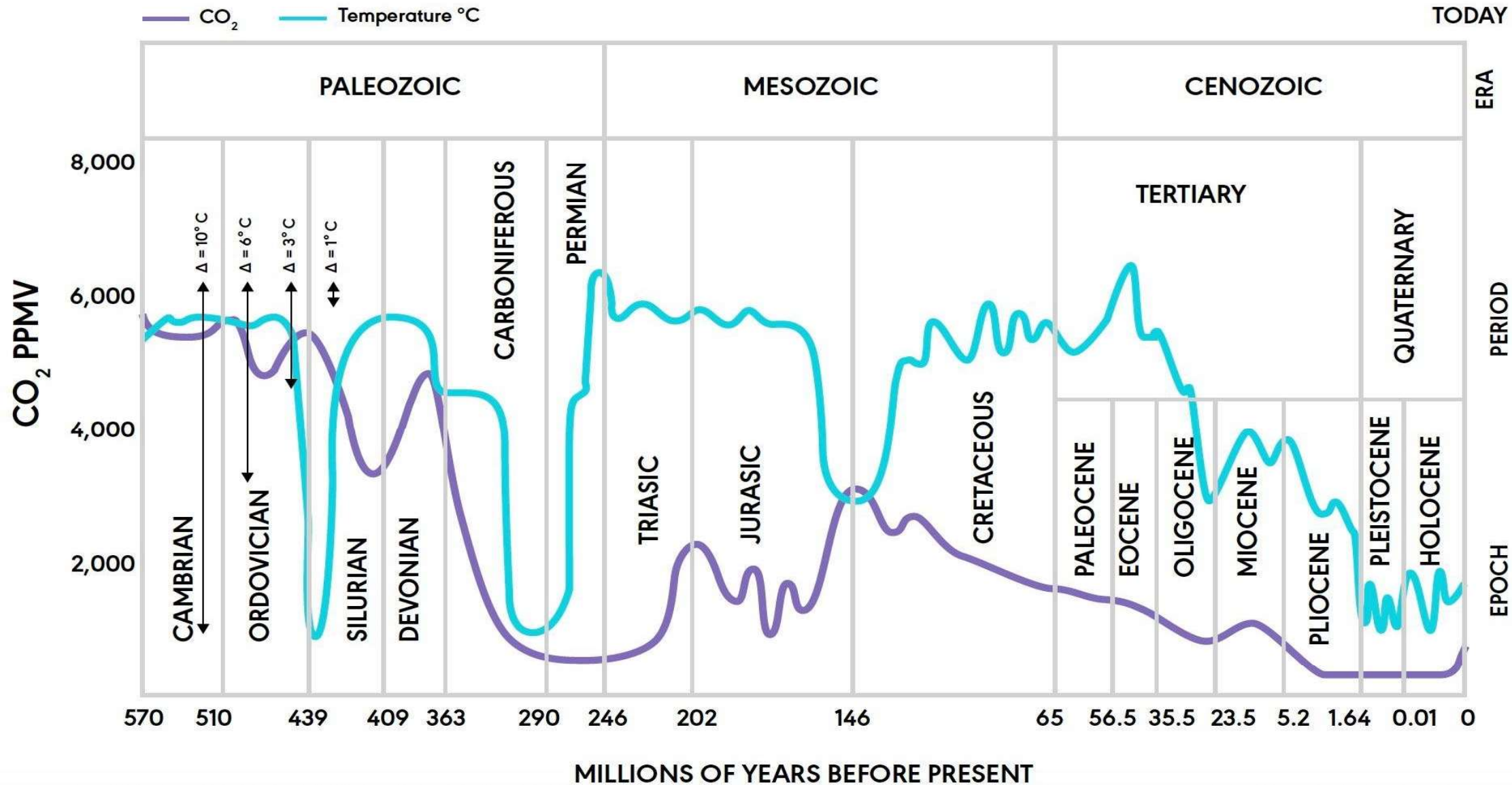
¹McKinsey estimates the UK Net Zero implementation cost at £0.5Trillion/annum for three decades: £15Trillion, here: <https://www.mckinsey.com/business-functions/sustainability/our-insights/the-economic-transformation-what-would-change-in-the-net-zero-transition/>. This works out at a cool £7,500 Trillion per °C of *theoretical* temperature abatement, Great value for money, then!

There is *NO*
‘Climate Emergency’



Dynamics of global surface temperature during the Cenozoic Era reconstructed from ^{18}O proxies in marine sediments (Hansen et al. 2008).

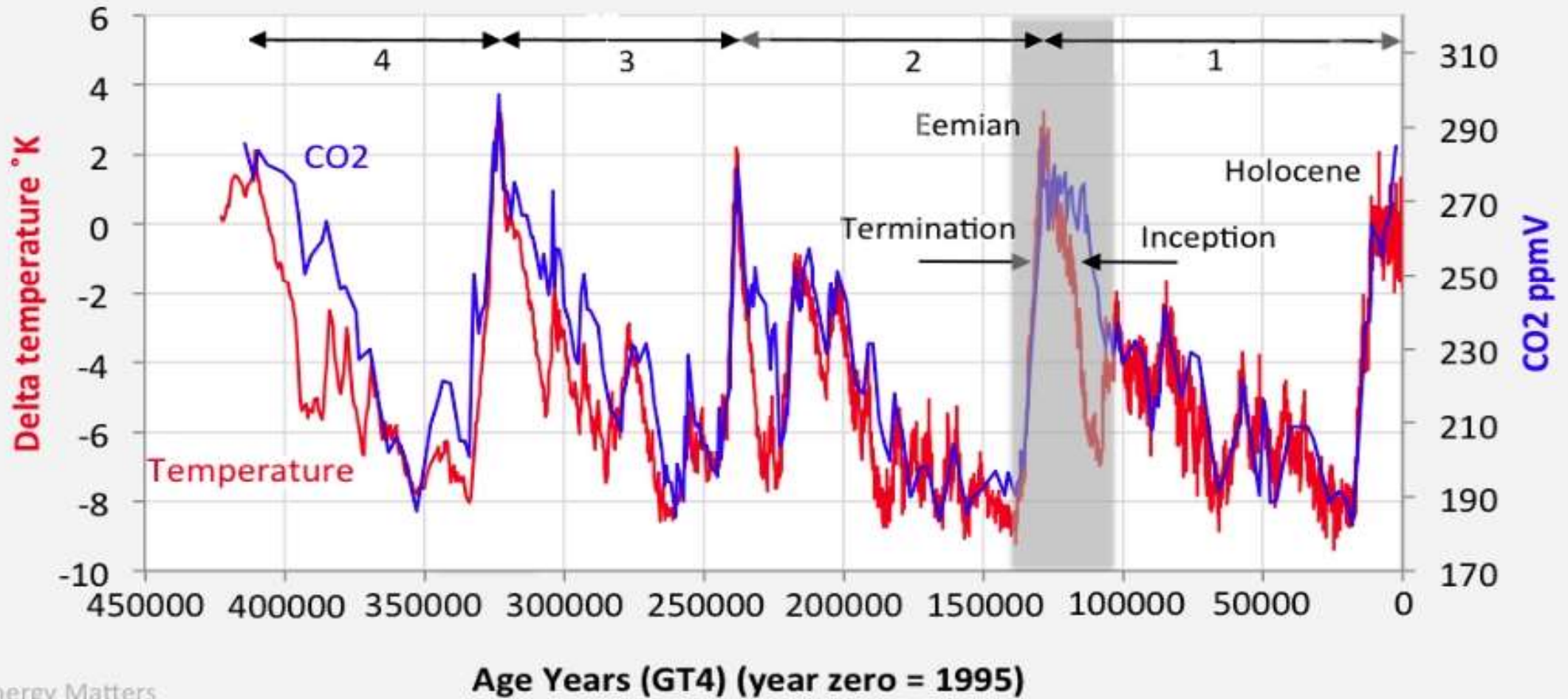
Geological Timescale: Concentration of CO₂ and Temperature Fluctuations



1- Analysis of the Temperature Oscillations in Geological Eras by Dr. C. R. Scotese © 2002. 2- Ruddiman, W. F. 2001. *Earth's Climate: past and future*. W. H. Freeman & Sons. New York, NY. 3- Mark Pagani et al. *Marked Decline in Atmospheric Carbon Dioxide Concentrations During the Paleocene*. *Science*; Vol. 309, No. 5734; pp. 600-603. 22 July 2005. *Conclusion and Interpretation* by Nasif Nahle ©2005, 2007. Corrected on 07 July 2008 (CO₂: Ordovician Period).

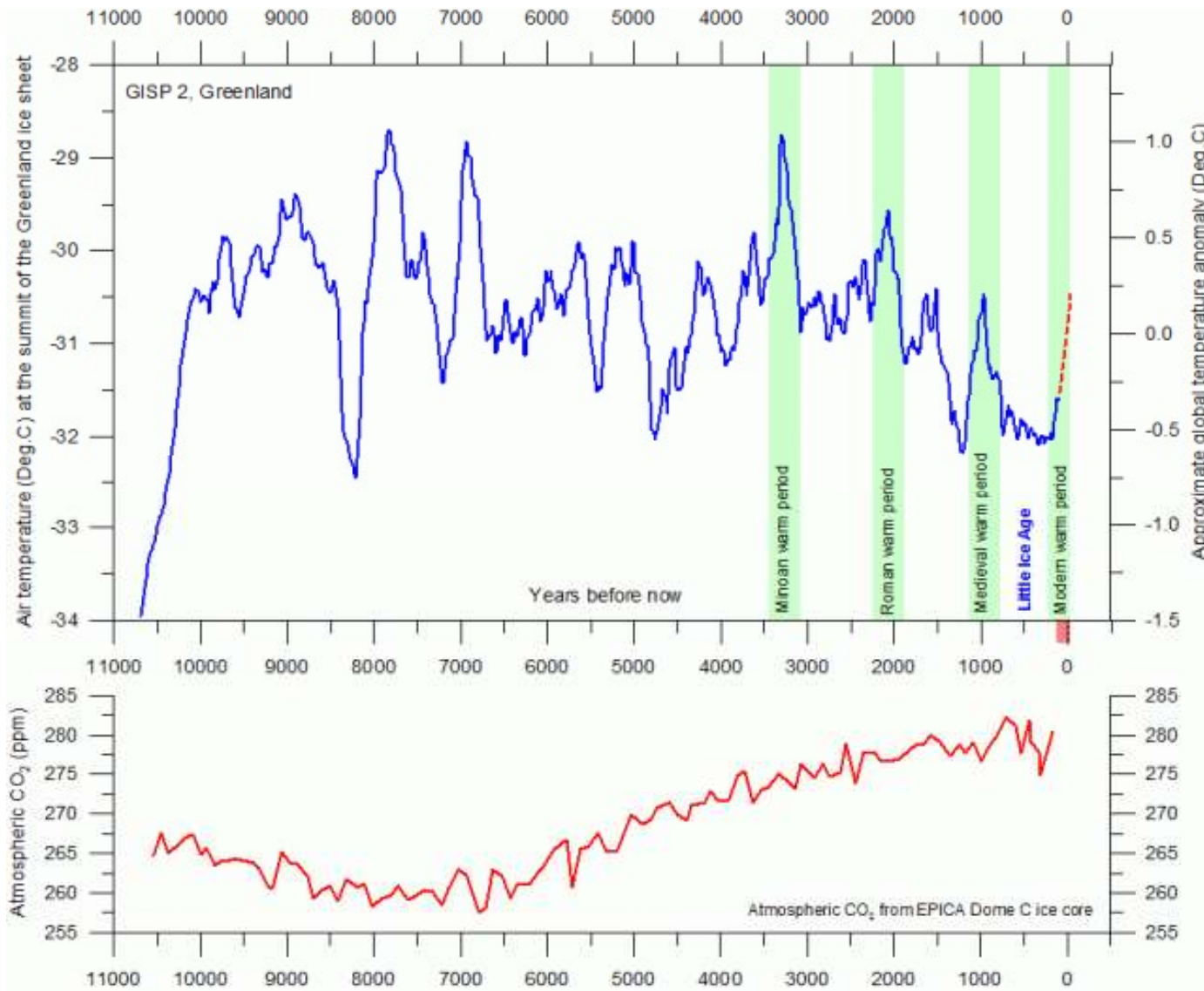
450kyear Temperature-CO₂ correlation

Vostok Ice Core: Temperature and CO₂



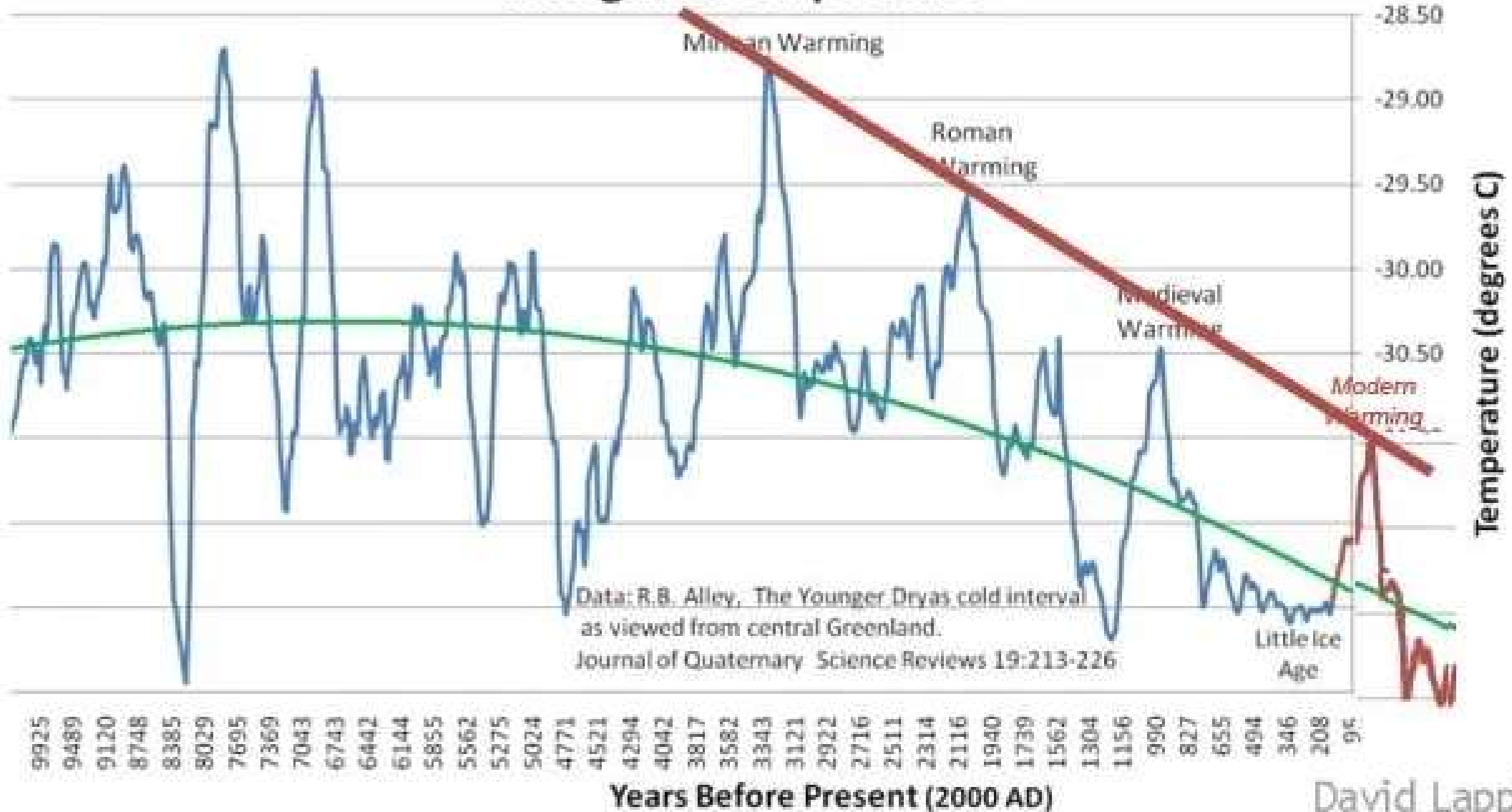
Energy Matters
 euanmearns.com
<http://www.ncdc.noaa.gov/paleo/icecore/antarctica/vostok/vostok.html>

11,000 year Timescale



<https://www.climate4you.com/images/GISP2%20TemperatureSince10700%20BP%20with%20CO2%20from%20EPICA%20DomeC.gif>

Greenland GISP2 Ice Core - Last 10,000 Years Interglacial Temperature



Data: R.B. Alley, The Younger Dryas cold interval as viewed from central Greenland. Journal of Quaternary Science Reviews 19:213-226

David Lappi

Some Corroborating Evidence

1. <https://www.abd.org.uk/flop-26-top-10-failed-climate-predictions-for-2020/>
2. https://www.heartland.org/_template-assets/documents/Books/CaaGbook30vWeb2021.pdf
3. <https://www.netzerowatch.com/european-parliament-told-there-is-no-climate-emergency/>
4. https://patriotpost.us/opinion/61742-climate-crisis-four-major-metrics-that-say-otherwise?fbclid=IwAR0qyQtMa2DREk8smlzKc7LyMPdQHQ6uyiaGd0JcwAFIZAdgW_yFNSQAhNU
5. https://www.aei.org/carpe-diem/50-years-of-failed-doomsday-eco-pocalyptic-predictions-the-so-called-experts-are-0-50/?fbclid=IwAR3WHO6A1tXBb2AgDno0pfVk1o3PgCuWiS_EIVOHLy3SyWHPtWamDcyywDA
6. <https://www.nationalreview.com/2021/10/dont-buy-the-un-climate-change-conferences-scary-stories/>
7. <https://www.youtube.com/watch?v=GD8SXP02h4c>
8. <https://unherd.com/2021/11/the-great-climate-change-fallacy/?=frlh>
9. <https://climatechangethefacts.org.au/2021/11/09/how-and-why-the-false-climate-consensus-is-manufactured/>
10. https://www.sott.net/article/460582-Why-arent-journalists-and-politicians-more-sceptical-about-Net-Zero-policy-based-on-outputs-of-unreliable-models?utm_source=rss&utm_medium=MINT+Social&utm_campaign=RSS
11. <https://electroverse.net/physicist-william-happer-there-is-no-climate-emergency/>
12. <https://www.youtube.com/watch?v=-m73QYdhoCw>
13. <https://www.sciencedirect.com/science/article/pii/S0959378019300378>
14. https://www.naturalnews.com/2019-07-12-climate-change-hoax-collapses-new-science-cloud-cover.html?fbclid=IwAR1rZz_mTV0a7RwxXjySiwCkRswZZFutH-KVZSF_xUM5d5OEunEb2uL3JYM
15. <https://www.technocracy.news/greenpeace-co-founder-global-warming-is-a-complete-hoax-and-scam/>
16. <https://climatism.wordpress.com/2019/05/28/dr-tim-ball-must-read-environmentalism-evidence-suggests-it-was-always-and-only-about-achieving-world-government/>
17. <https://www.cfact.org/2018/12/02/dr-willie-soon-versus-the-climate-apocalypse/?fbclid=IwAR1rX0O6Uo2rMga5Q7VzwGHQWEQhiOCqvjFsFrQQWiBUkYRY0A3vkuNnKcY>
18. <https://www.youtube.com/watch?v=EhW-B2udhQw>
19. <https://notrickszone.com/2018/04/05/ex-noaa-climate-scientist-no-role-of-co2-in-any-significant-change-of-the-earths-climate/#sthash.wl4E6276.dpbs>

But what about the “~~97%~~ 8% of scientists”?

Cook et al. surveyed 11,944¹ papers on global warming that had been published from 1991 through 2012. They did not read the papers or talk to the authors, but they did read the abstracts. The results of the abstracts were divided into 7 categories:

Category	Number of papers
1. Man is causing all of the warming	64
2. Man is causing over 50% of the warming	922
3. Man is causing less than 50% of the warming	2910
4. No opinion or uncertain	7930
5. Man is causing some but far less than 50%	54
6. Man is not causing warming, with qualifications	15
7. Man is not causing any warming	9

It appears that Cook et al. decided to compare only those scientists who had strong opinions. If that is the case, the first 2 categories represent scientists who believe man is causing all or most of the warming (986), while those in categories 6 and 7 believe man is causing none or almost none (24). This ratio is about 97%. But the most important result of this study is that *almost 8,000 had no opinion or were uncertain*. So much for the 97%.

As with nearly ALL their pronouncements, irrational alarmists take “terminological inexactitude” to previously unplumbed depths of deceit: the 97% was arrived at by only taking account of polarised conclusions [986/(986+24) = 97%]

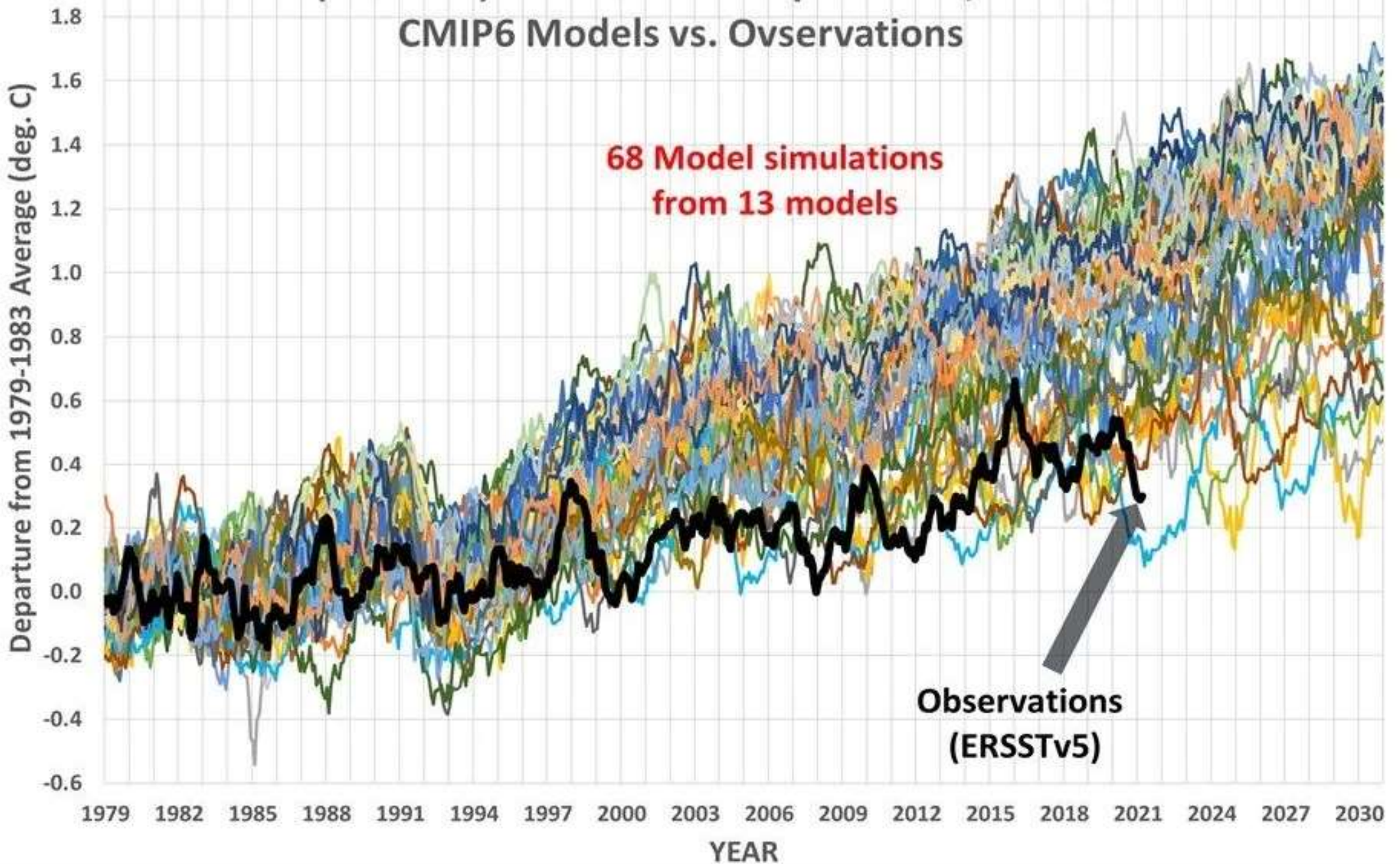
Anthropogenic Warming influence	No of papers	%
All or most	986	8.3
No Opinion	7930	66.6
Minor to none	2988	25.1

¹ There were actually 11,904 papers, not 11,944

There *IS* a
“Climate Modelling
Emergency”:

Global (60N-60S) Sea Surface Temperatures, 1979-2021

CMIP6 Models vs. Observations



5. NO GLOBAL WARMING FOR 18 YEARS AND 8 MONTHS

A critical test of assertions that CO₂ causes global warming is that through December 2015, there has been no global warming at all (Fig. 1.2) even though CO₂ has continued to rise.

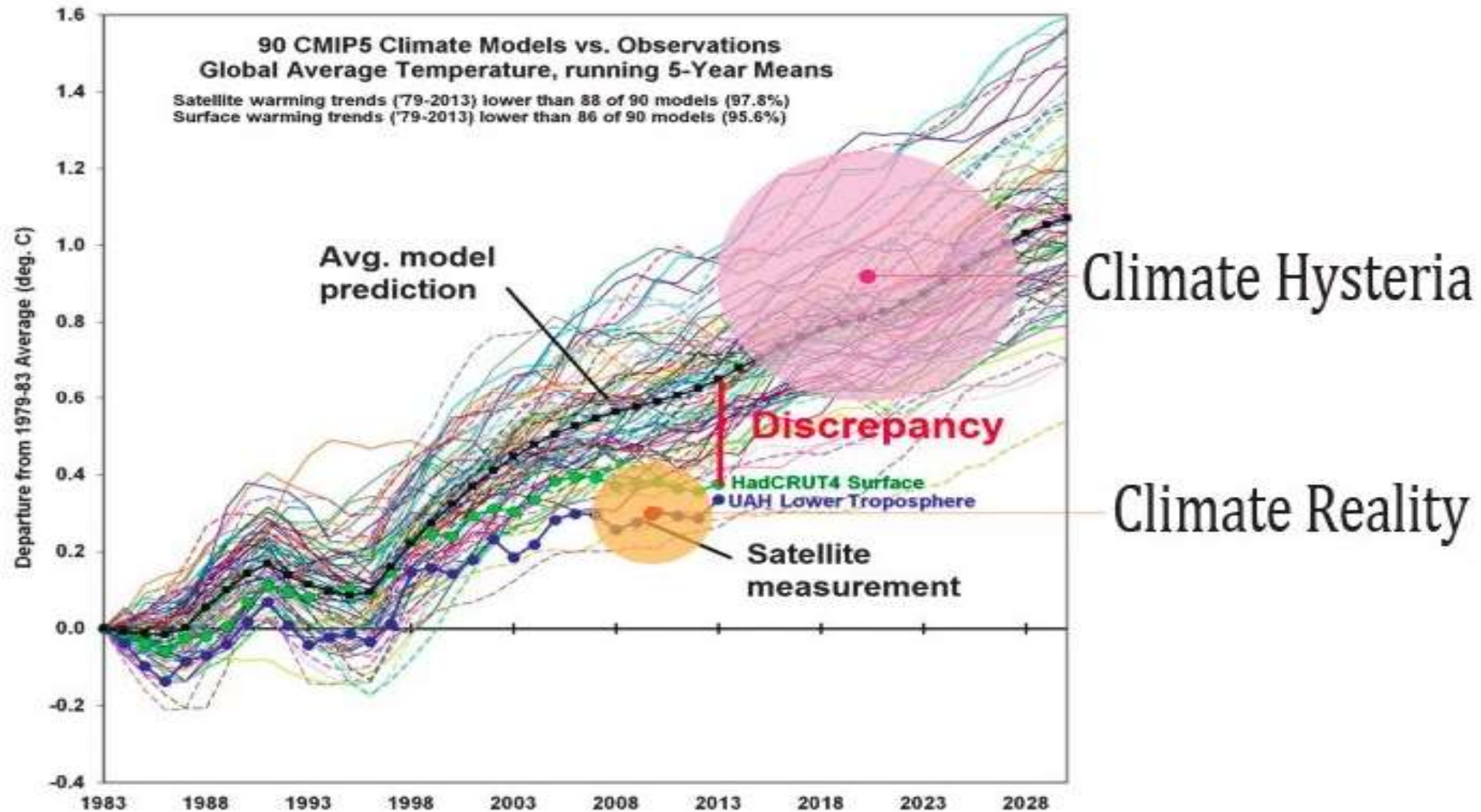


FIGURE 1.1 Comparison of computer model predictions and satellite and surface measurements. Computer climate models have failed dismally to predict temperature changes. Modified from Spencer (2015), <http://www.drroyspencer.com>.

Incorrect Greenhouse Warming Equations

Former NASA research & climate physicist Ferenc Miskolczi discovered in 2008 that IPCC's basic (infinite thickness atmosphere) greenhouse equations were incorrect. Finite thickness atmosphere versions introduce a negative feedback (cooling) term; whose importance increases with altitude. NASA refused to publish his work. So he resigned.

Miskolczi, Ferenc M. 2007. "Greenhouse Effect in Semi-Transparent Planetary Atmospheres." Időjárás 111, 1-40 & https://www.friendsofscience.org/assets/documents/E&E_21_4_2010_08-miskolczi.pdf

“Hotrod” IPCC Climate Models

Working with Ross McKittrick (of debunking Mann’s spurious “Hockey Stick” fame), retired NASA climate expert John Christy has validated Miskolczi’s work & identified one of the reasons climate models run excessively hot: they underestimate by c.50% the rate of upper atmosphere heat loss during periods of warming:

<https://www.uah.edu/news/news/paper-on-climate-model-s-warming-bias-co-authored-by-dr-christy-is-top-download> &
<https://agupubs.onlinelibrary.wiley.com/doi/full/10.1029/2020EA001281>

Politicisation of/ Misrepresentation in IPCC Reports

Dr. John Christy: *“Little known to the public is the fact that most of the scientists involved with the IPCC do not agree that global warming is occurring. Its findings have been consistently misrepresented and/ or politicized with each succeeding report.”*

Wijngaarden/ Happer True-to-Life Climate Model

Working together, Emeritus Physics Professor, William Happer, and W. A. van Wijngaarden have created a climate model that doesn't need a £multi-million Cray supercomputer to run, and agrees very closely with empirical observations

<https://www.youtube.com/watch?v=-m73QYdhoCw> &

<https://wvanwijngaarden.info.yorku.ca/files/2020/12/WThermal-Radiationf.pdf?x45936>

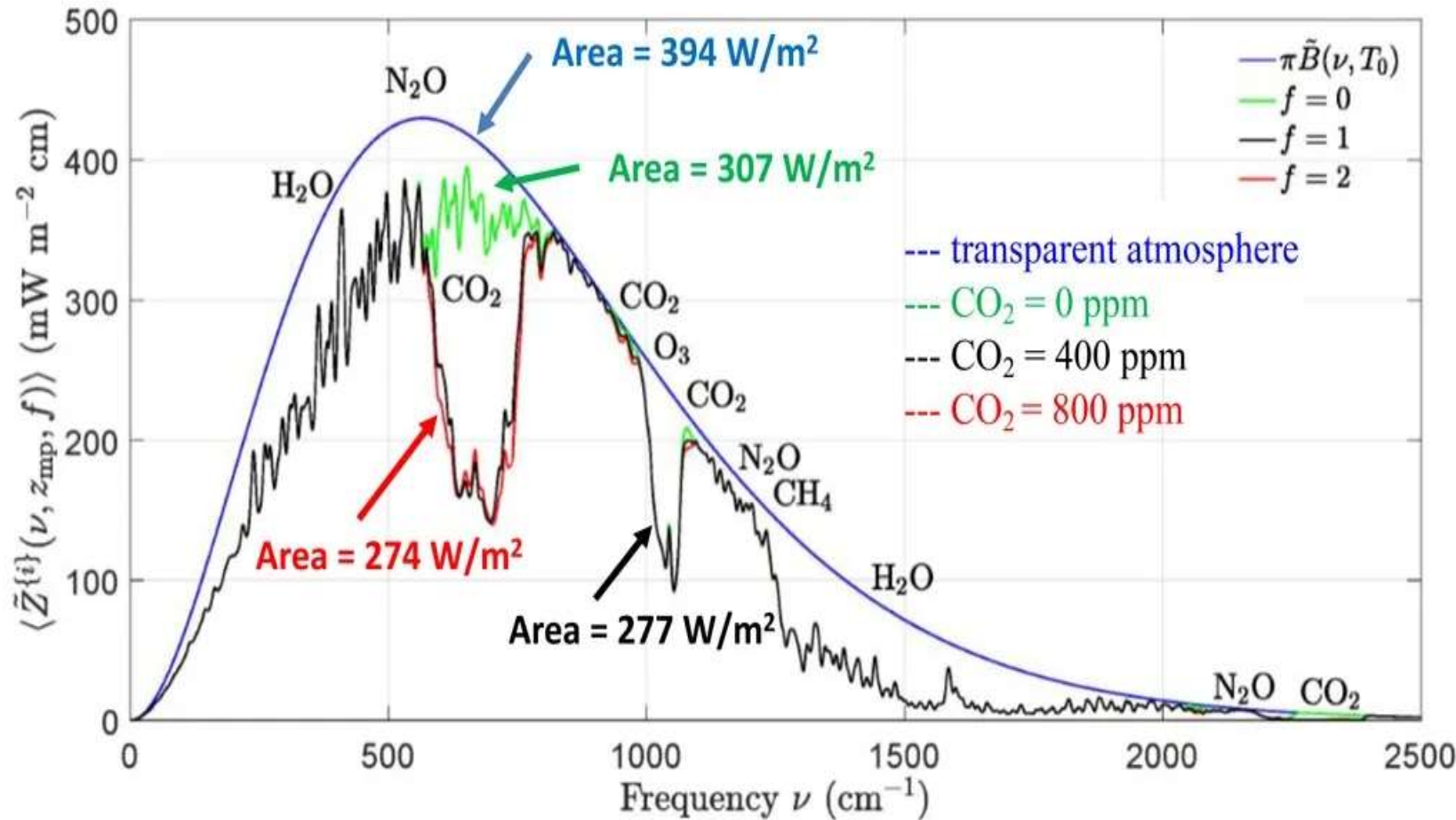
Wijngaarden/ Happer Climate Model Conclusions

- If CO₂ were zero, it would make a big difference (about 25%) and the Earth would be cooler
- If CO₂ were doubled, it would make a very small difference
- CH₄ & N₂O are very hard to find on any graph [resulting from their modelling work]..Clearly they do not contribute [meaningfully] to the greenhouse effect
- Molecules of tiny concentration have even less effect
example of HFCs, with extremely high GWP numbers

<https://www.youtube.com/watch?v=-m73QYdhoCw> &

<https://wvanwijngaarden.info.yorku.ca/files/2020/12/WThermal-Radiationf.pdf?x45936>

Earth's surface temperature, $T = 60\text{ F} \rightarrow 16\text{ F}$ without greenhouse gases



Max Planck
1858–1947



Karl Schwarzschild
1873–1916

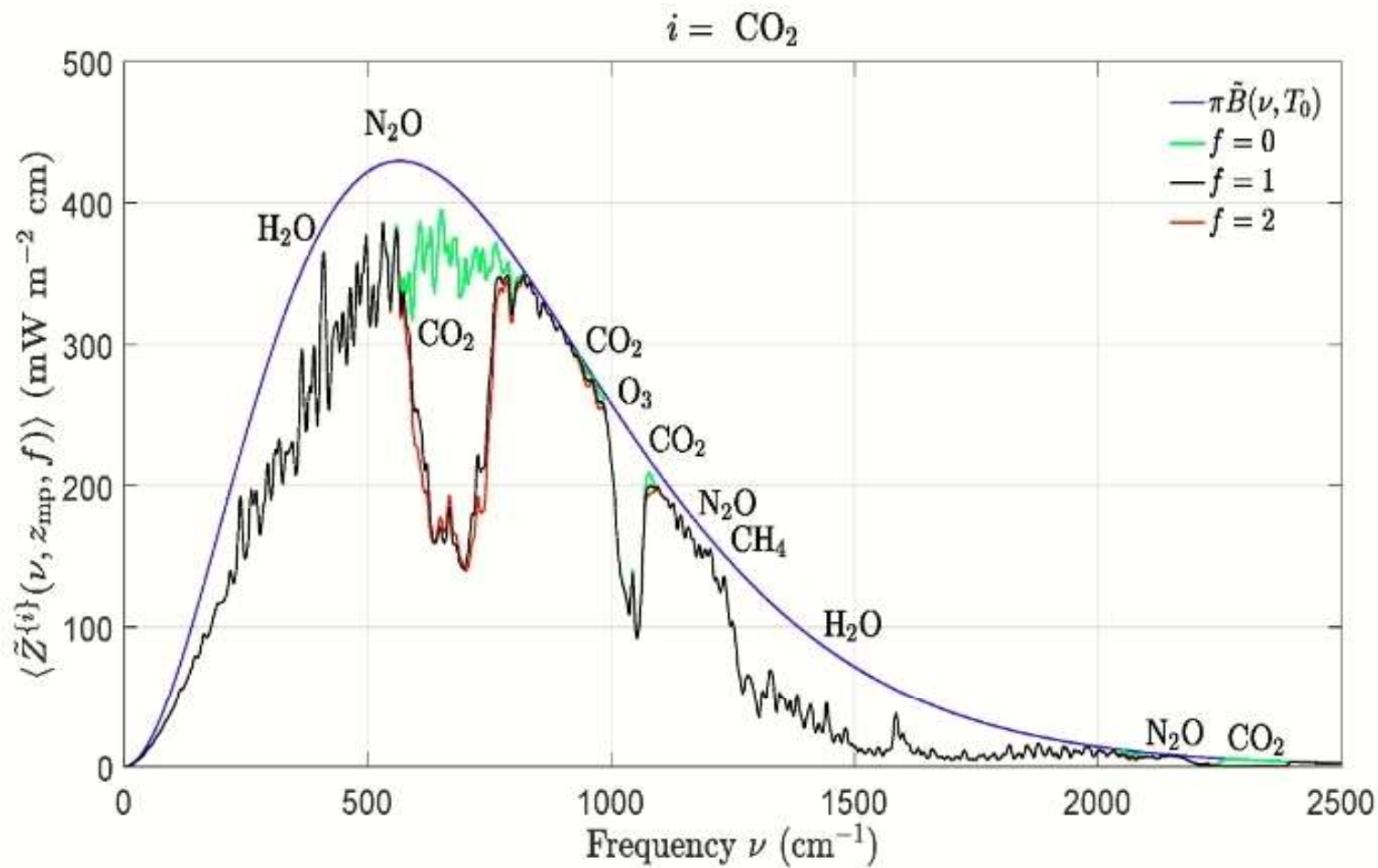


Figure 4: Effects of changing concentrations of carbon dioxide, CO_2 on the filtered spectral flux $\langle \tilde{Z}^{\{i\}}(\nu, z_{\text{mp}}, f) \rangle$ of (44) at the mesopause altitude, $z_{\text{mp}} = 86$ km. The width of the filter (43) was $\Delta\nu = 3$ cm^{-1} . The smooth blue line is the spectral flux, $\tilde{Z} = \pi \tilde{B}(\nu, T_0)$ from a surface at the temperature $T_0 = 288.7$ K for a transparent atmosphere with no greenhouse gases. The green line is $\langle \tilde{Z}^{\{i\}}(\nu, z_{\text{mp}}, 0) \rangle$ with the CO_2 removed but with all the other greenhouse gases at their standard concentrations. The black line is $\langle \tilde{Z}^{\{i\}}(\nu, z_{\text{mp}}, 1) \rangle$ with all greenhouse gases at their standard concentrations. The red line is $\langle \tilde{Z}^{\{i\}}(\nu, z_{\text{mp}}, 2) \rangle$ for twice the standard concentration of CO_2 but with all the other greenhouse gases at their standard concentrations. Doubling the standard concentration of CO_2 (from 400 to 800 ppm) would cause a forcing increase (the area between the black and red lines) of $\Delta F^{\{i\}} = 3.0$ W m^{-2} , as shown in Table 2.

Scientific Implications

- Agreement between theory and experiment is the hallmark of good science
- The method of Wijngaarden & Happer meets that criterion
- It is far superior to the GCM [Global Circulation Models] in IPCC reports, which always predict too high temperatures
- More CO₂ makes only a very tiny difference
- More N₂O or CH₄ makes no difference at all

Therefore:

- Do NOT take expensive actions to mitigate climate change
- Do NOT strive to reduce CO₂ or other greenhouse gases

Fudging the Temperature Record

NASA/ NOAA Systematic temperature data falsification

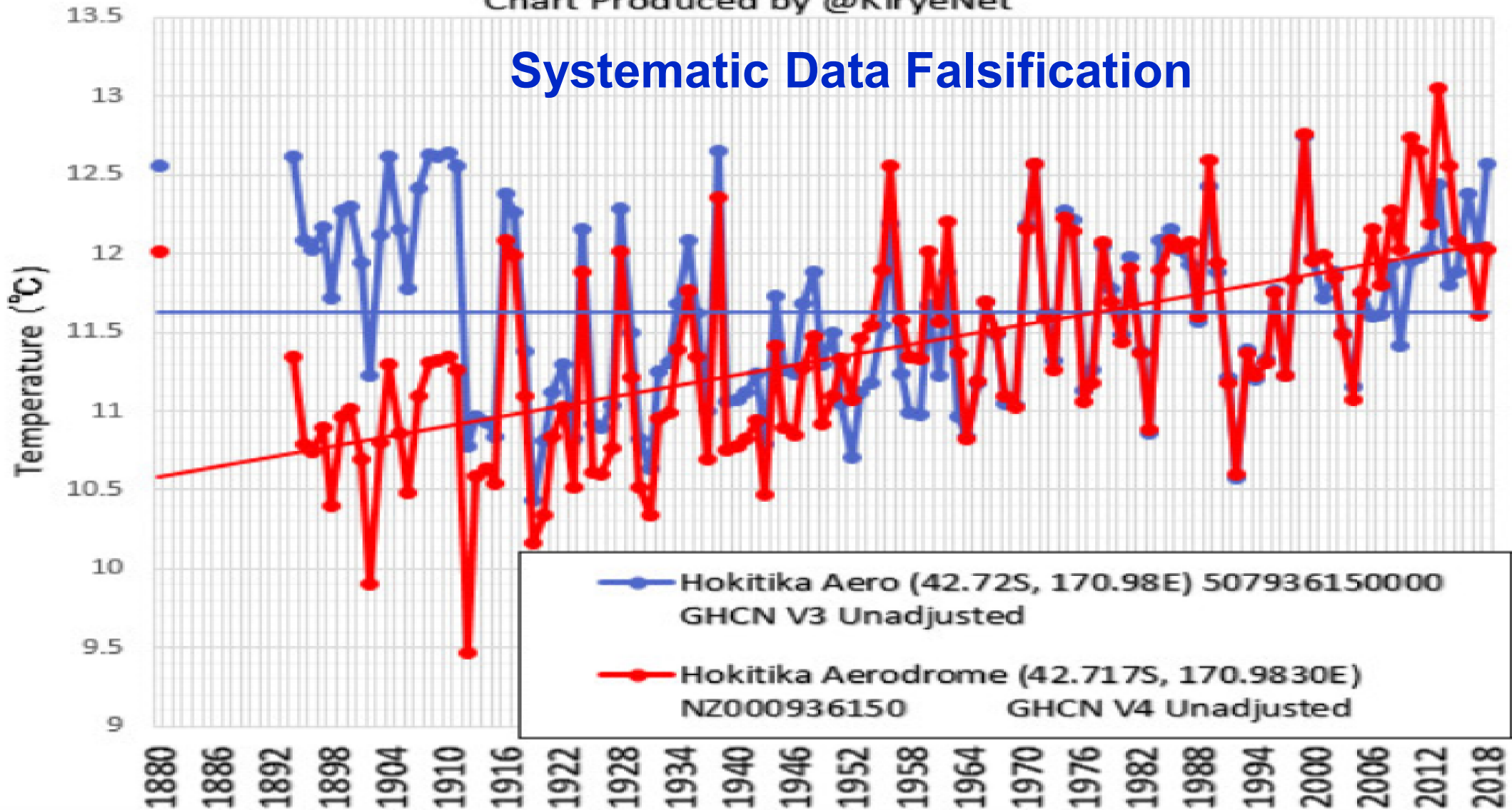
- Historical temperature station records being “adjusted” down - making the present appear anomalously warmer than the past:
<https://electroverse.net/proof-that-nasa-and-noaa-are-erasing-the-arctics-1940s-warming-blip/> &
<https://www.breitbart.com/politics/2015/11/24/german-professor-nasa-fiddled-climate-data-unbelievable-scale/> &
https://climatechangethefacts.org.au/wp-content/uploads/2021/08/Marohasy-CCTF2020_16-Rewriting-Australias-Temperature-History-v2.pdf &
<https://realclimatescience.com/2020/01/noaa-temperature-adjustments-are-not-credible/>
- Decommissioning of many rural measurement stations by neglect
- Remaining sites increasingly (semi-)urban
- Often increasingly inappropriately sited due to urban creep (e.g., on car parks, airports, near A/C unit outlets etc..)
- “Estimated” data added for enormous area where no temperature stations exist
- Static ocean buoy data being supplanted by mobile, shipboard sensor measurements. Carry your personal heat island with you!

Hokitika Aerodrome, New Zealand Mean Annual Temperature 1880 - 2018

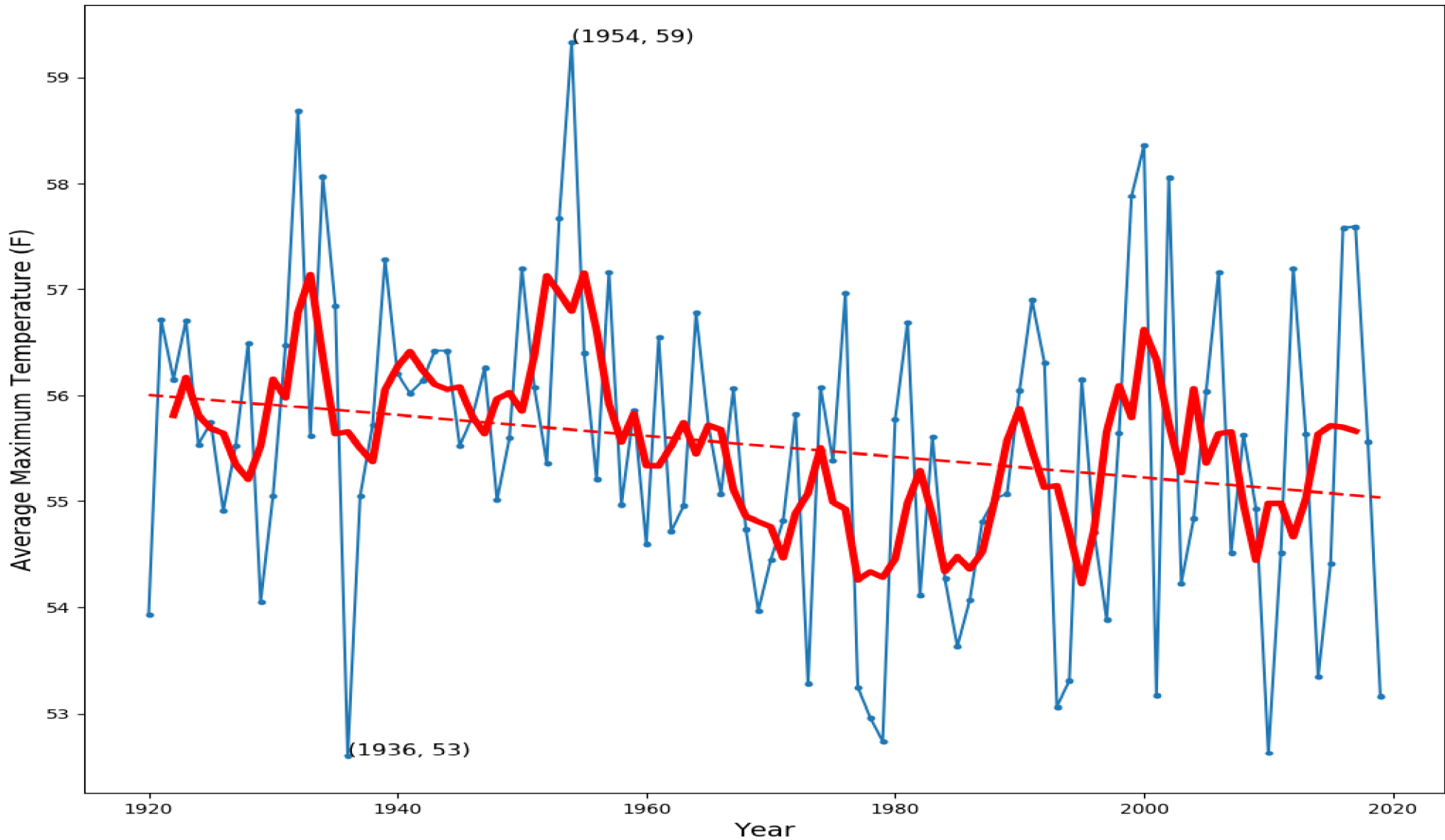
Data Source: NASA

Chart Produced by @KiryeNet

Systematic Data Falsification



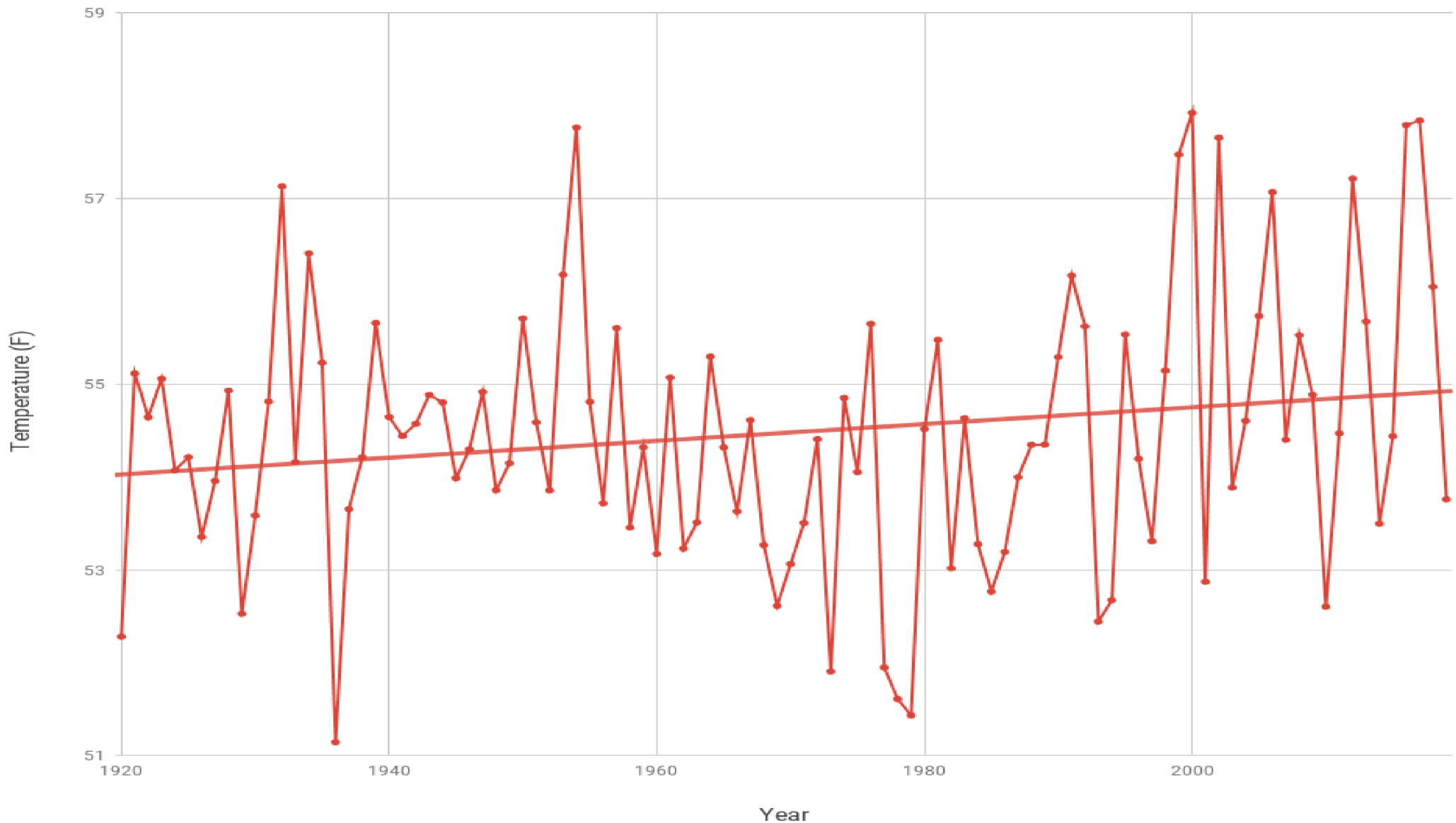
**September 1 To February 29 Average Maximum Temperature Vs. Year 1919-2019
At All US Historical Climatology Network Stations
Red Line Is 5 Year Mean**



<https://realclimatescience.com/wp-content/uploads/2020/01/September-1-To-February-29-Average-Maximum-Temperature-Vs-Year-1919-2019-At-All-US-Historical-Climatology-Network-Stations-Red-Line-Is-5-Year-Mean-Average-Maximum-Temperature-vs-Year.png>

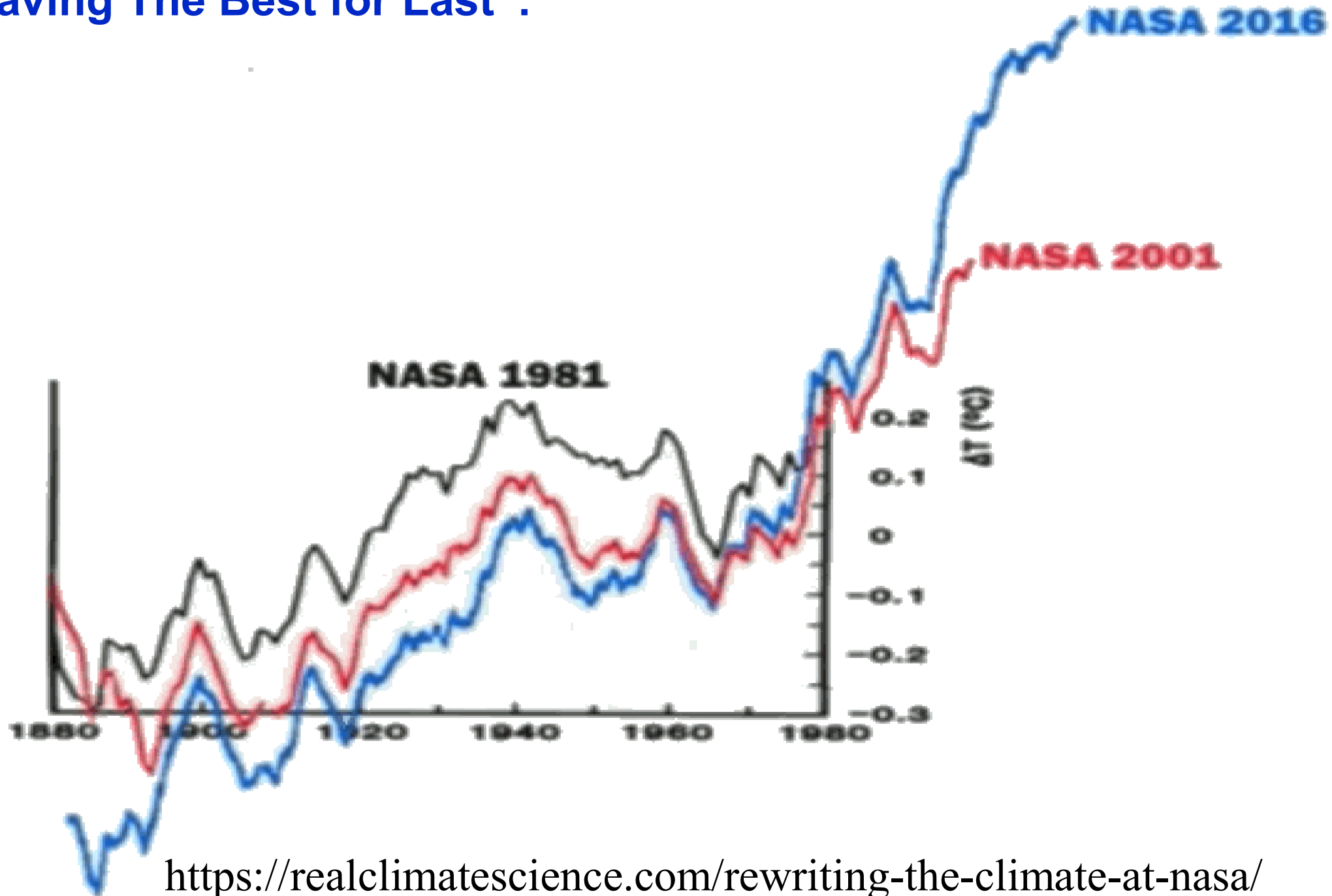
After NOAA "Adjustments"

NOAA September To February US Adjusted Maximum Temperature



<https://realclimatescience.com/wp-content/uploads/2020/01/NOAA-September-To-February-US-Adjusted-Maximum-Temperature.png>

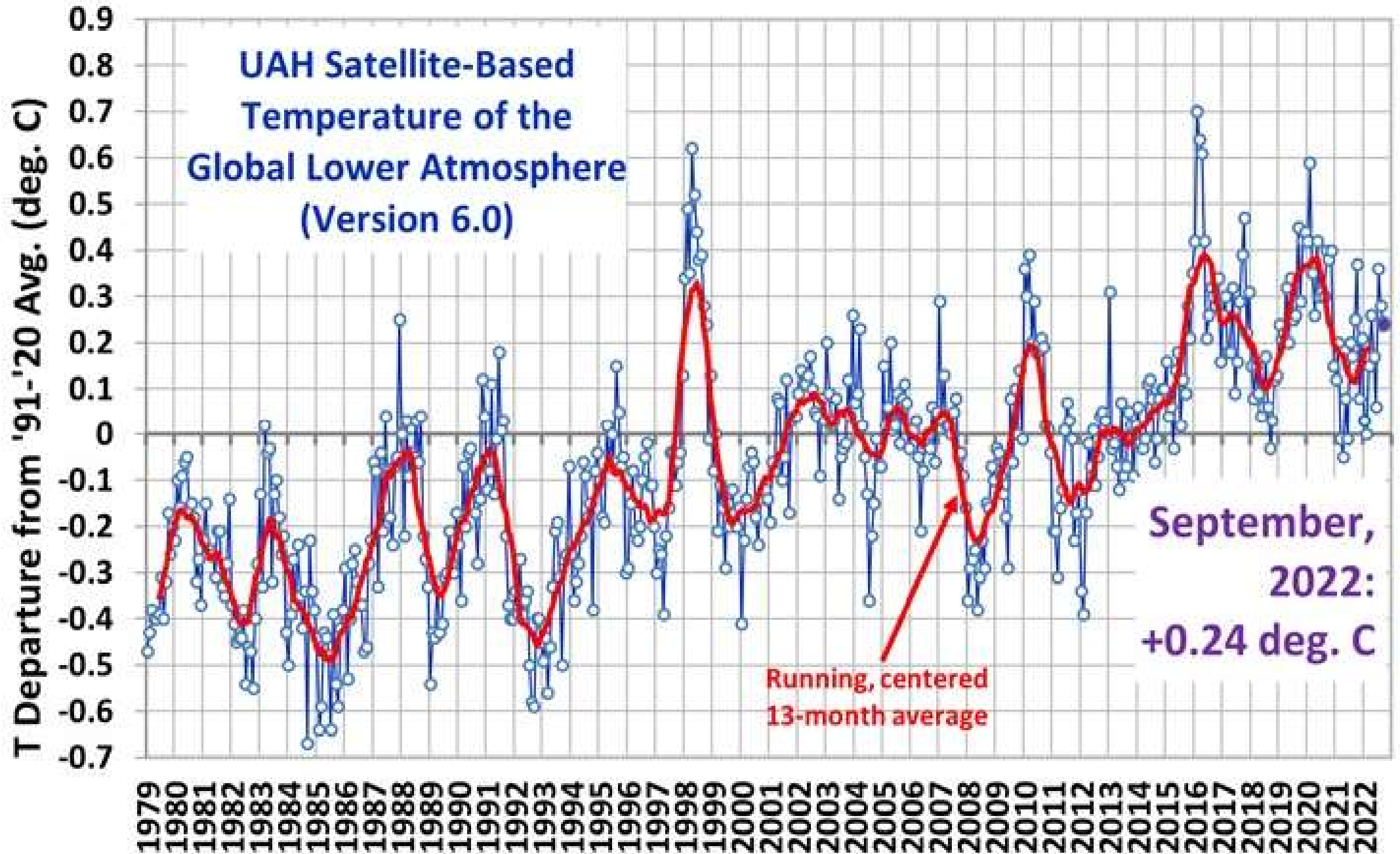
“Saving The Best For Last”:



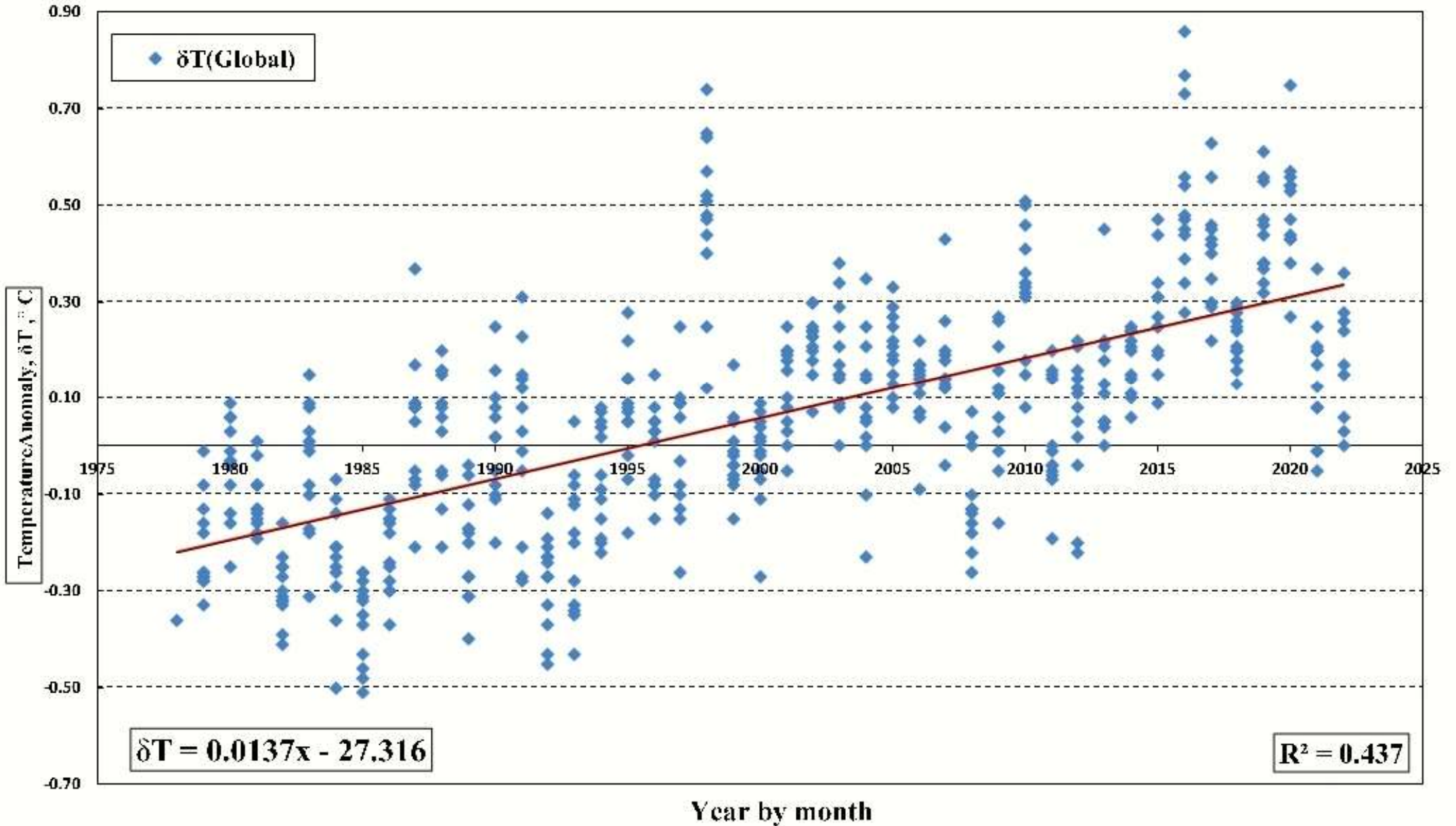
<https://realclimatescience.com/rewriting-the-climate-at-nasa/>

It's more difficult to fudge
internally-calibrated
satellite data...

Source: Dr. Roy Spencer: https://www.drroyspencer.com/wp-content/uploads/UAH_LT_1979_thru_September_2022_v6.jpg

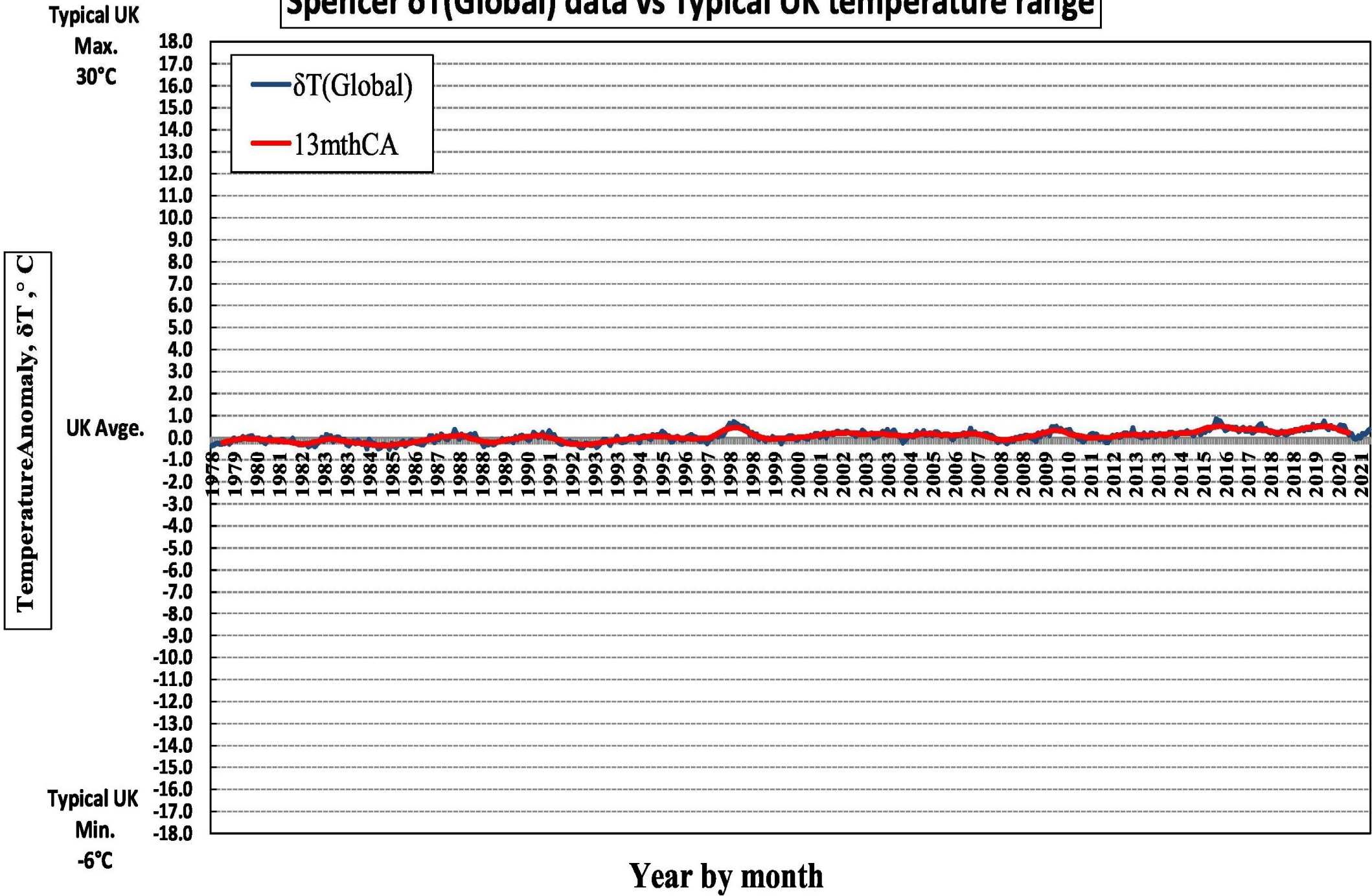


Spencer Temperature Anomaly Data Trend Regression



How do the empirically observed temperature variations over the last nearly 4 decades appear, graphed on a scale that's meaningful to normal human beings?

Spencer $\delta T(\text{Global})$ data vs Typical UK temperature range

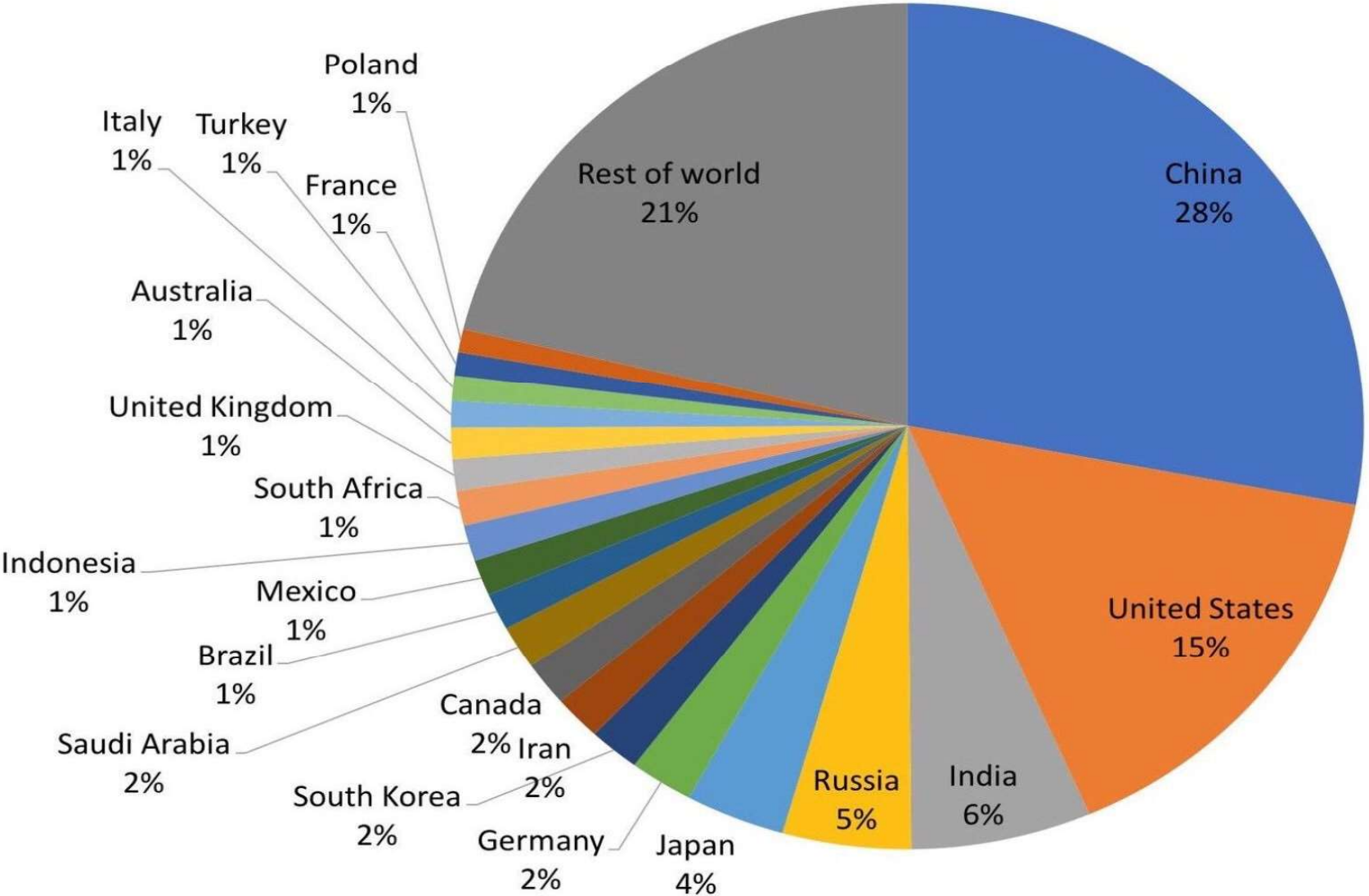


The uppermost 3m of the terrestrial oceans hold as much heat as entire atmosphere. It is variations in oceanic temperatures (& the influences that control them) that determine the terrestrial climate

Corroborating Climate Science Facts

Share of global carbon dioxide emissions from fuel combustion (2015)

Man-made



Data: IEA

Image: Union of Concerned Scientists

<https://www.ucsusa.org/resources/each-countrys-share-co2-emissions>

N° 5 THE WORLD OF CO₂

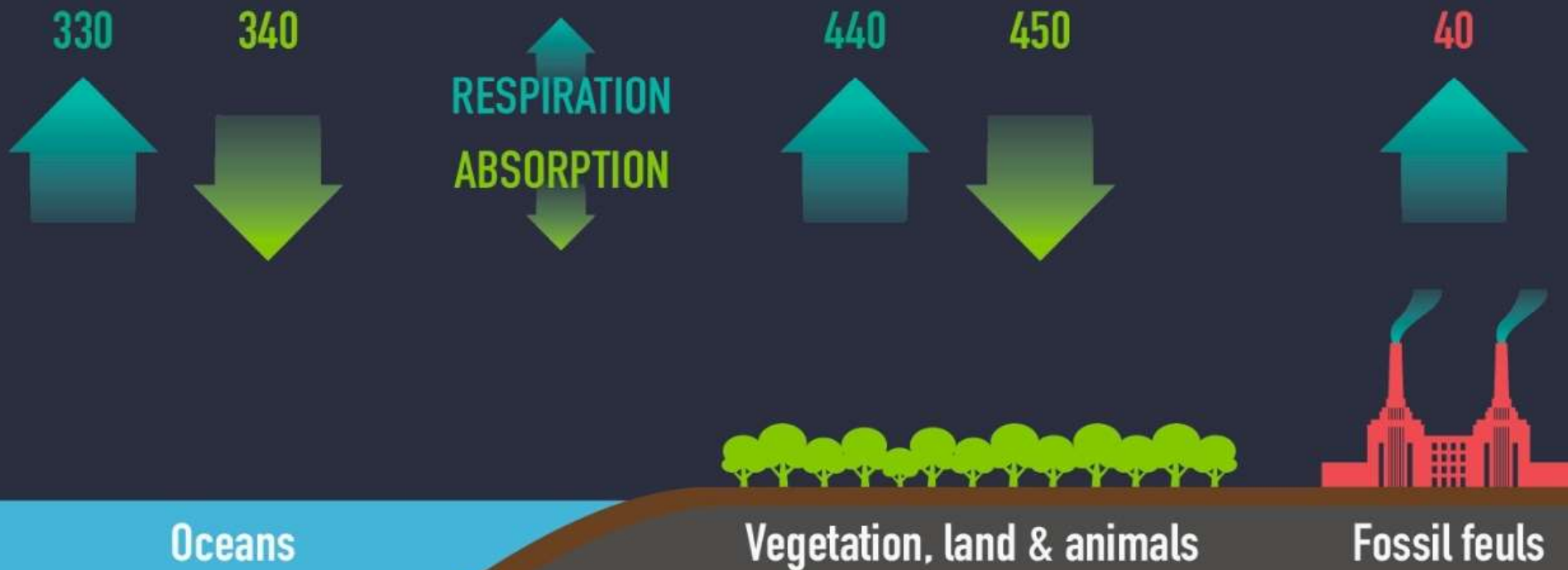


See: <https://rclutz.wordpress.com/2020/01/26/planetary-co2-in-the-long-run/>

THE GLOBAL CARBON CYCLE

96.5% NATURAL SOURCES OF CO₂
Oceans, vegetation & land
*770 Billion metric tons

MAN-MADE CO₂ **3.5%**
Fossil fuel consumption
*40 Billion metric tons

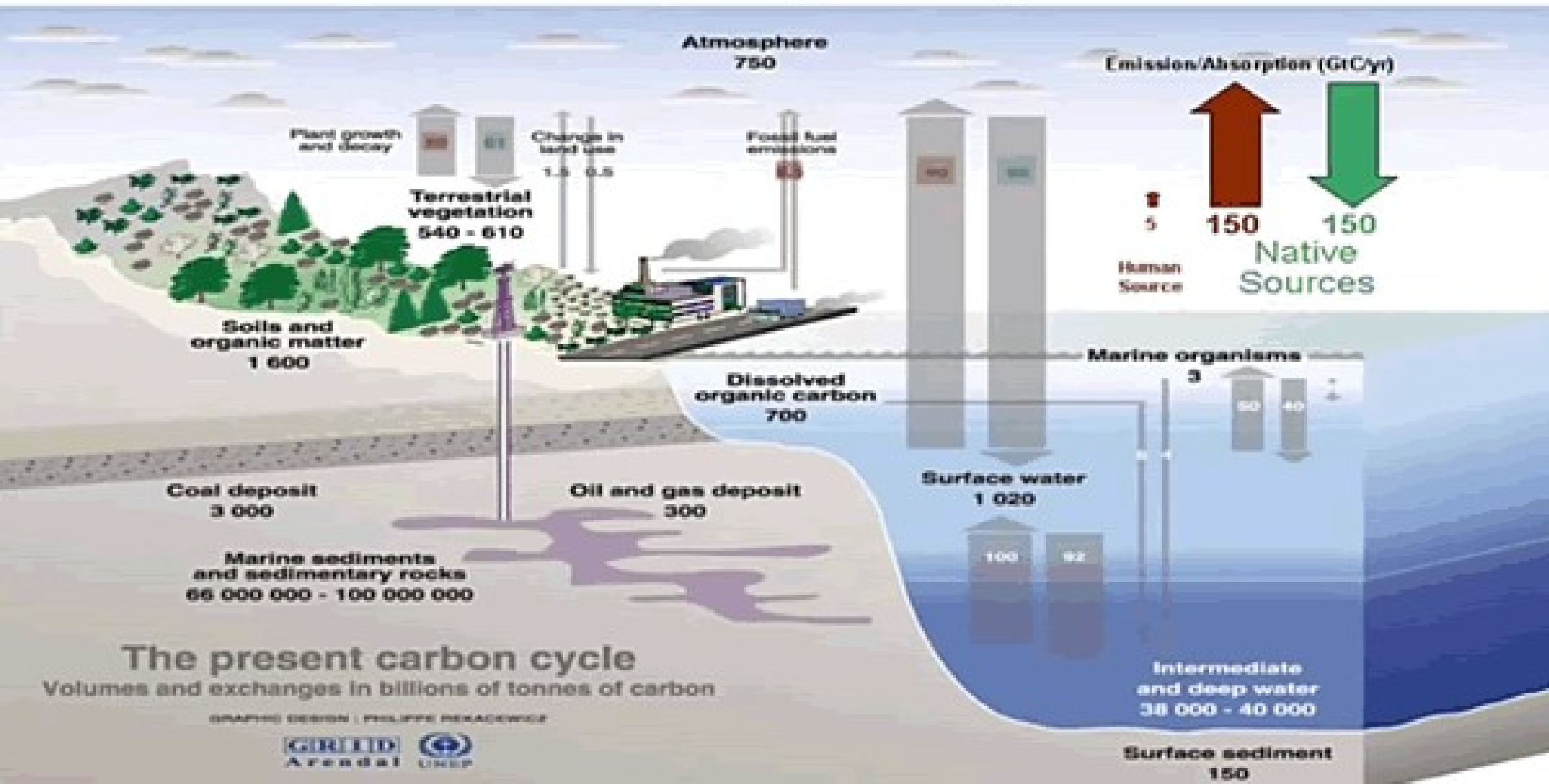


Reference: <https://svs.gsfc.nasa.gov/12044>

*These are averages

Infographic by: www.ric-communications.ch

Estimated Budget of CO₂



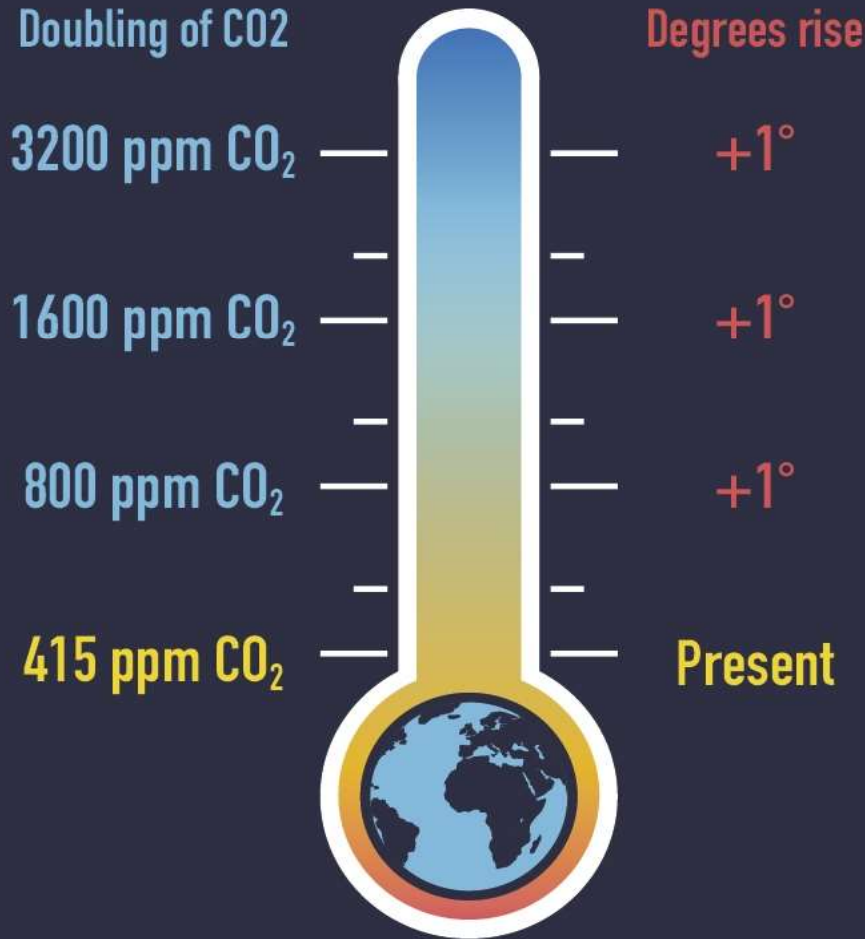
See: <https://rclutz.wordpress.com/2017/11/07/obsessed-with-human-co2/>

N° 10 THE WORLD OF CO₂

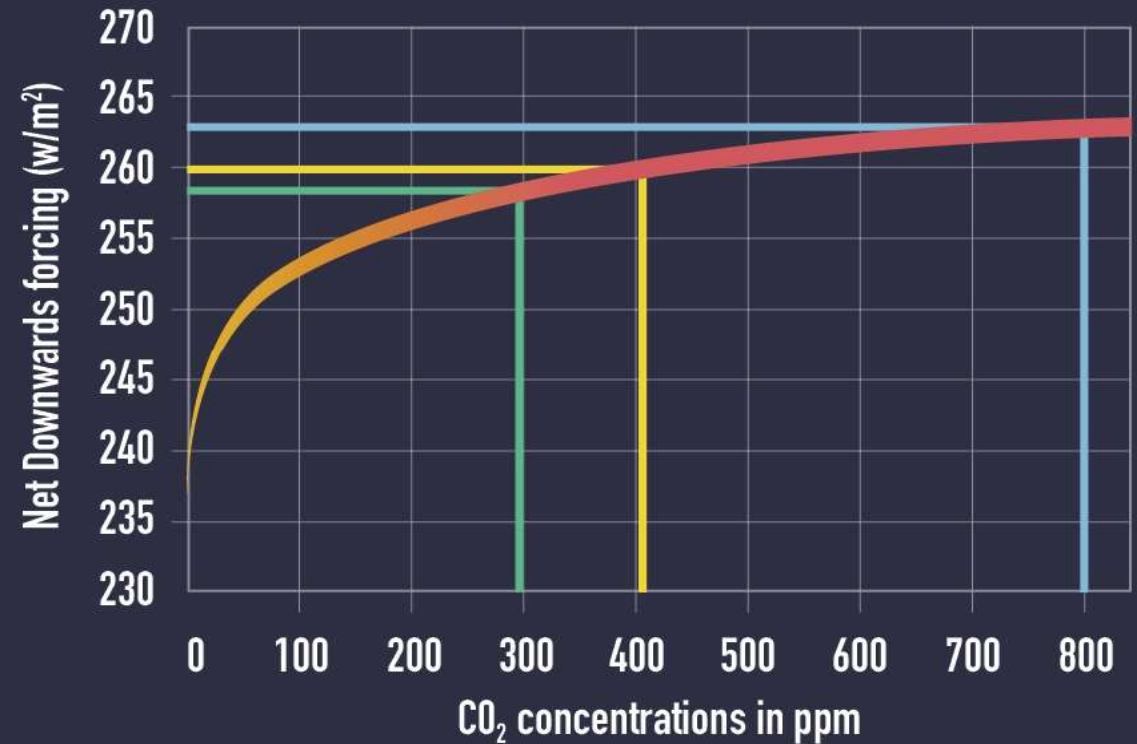
See: <https://rolutz.wordpress.com/2020/01/26/planetary-co2-in-the-long-run/>

The logarithmic temperature rise of higher CO₂ levels.

GLOBAL TEMPERATURE INCREASE



$$\text{Forcing} = 2.94 \text{ Log}_2(\text{CO}_2) + 233.6 \quad (R^2 = .997)$$



CO₂ Forcing Pre-Industrial Present Twice Present

Graphic by Willis Eschenbach (2006)

The logarithmic heating effect of carbon dioxide relative to atmospheric concentration.

Reference: <https://wattsupwiththat.com>

What are the Primary influences on the Terrestrial Climate?

What actually controls the Terrestrial Climate (via its oceans)?

- Solar Activity
- Cosmic Ray Environment
- Atmospheric Composition
- Milankovich Cycles
- Miscellaneous:
 - Magnetospheric Variations*
 - Volcanic/ Tectonic Activity*
 - El Niño/ La Niña*
 - Beaufort Gyre*

See e.g.: <https://relutz.wordpress.com/2017/11/07/obsessed-with-human-co2/>

Other than atmospheric composition, IPCC Global Circulation Models take little to no account of any of the other foregoing factors in developing its “storyline” future temperature projections.

Little wonder, then, that they are of extremely limited utility (Slides 9, 10) in accurately modelling future temperatures

Solar Activity

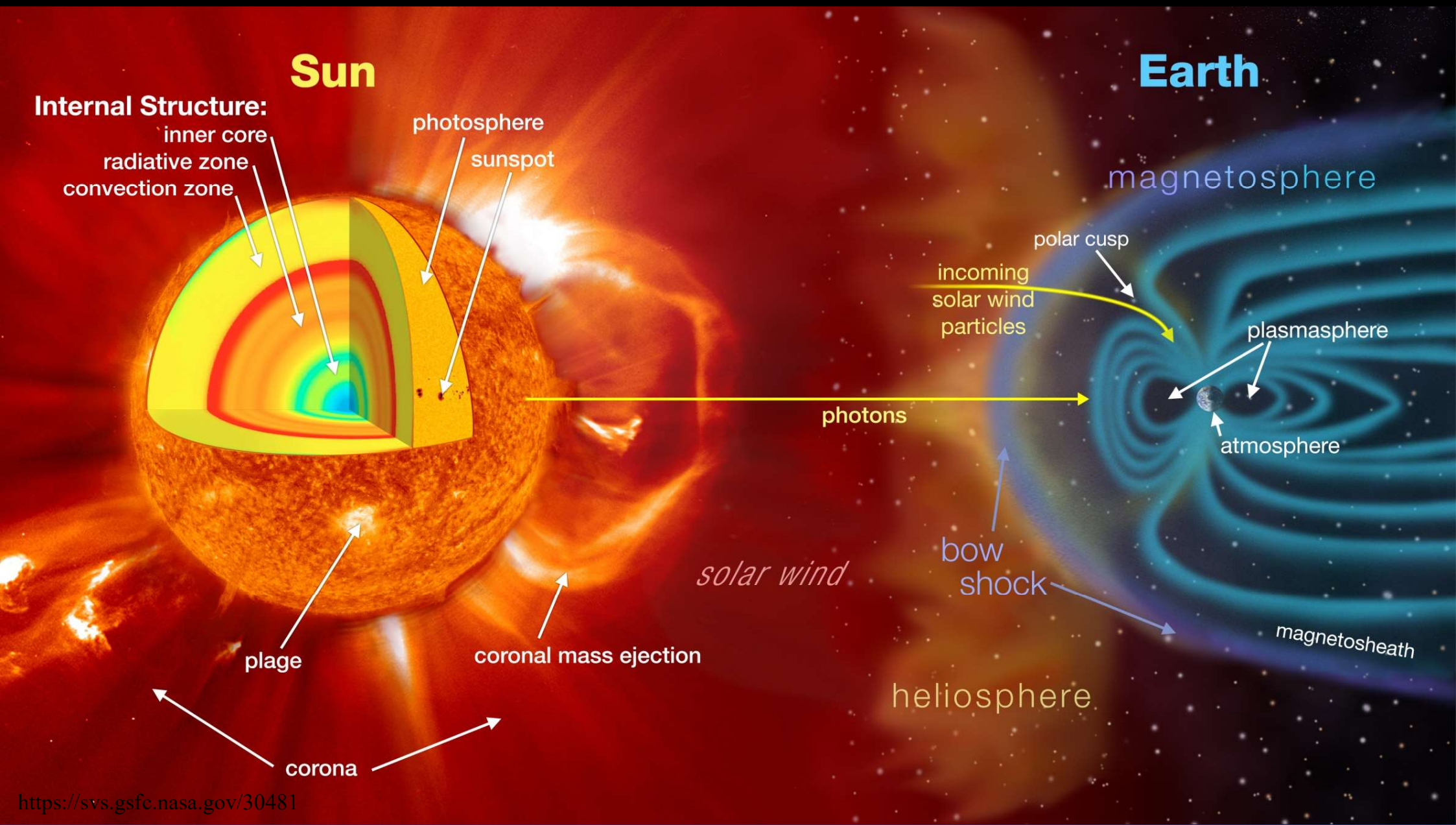
Solar Wind



CORONA

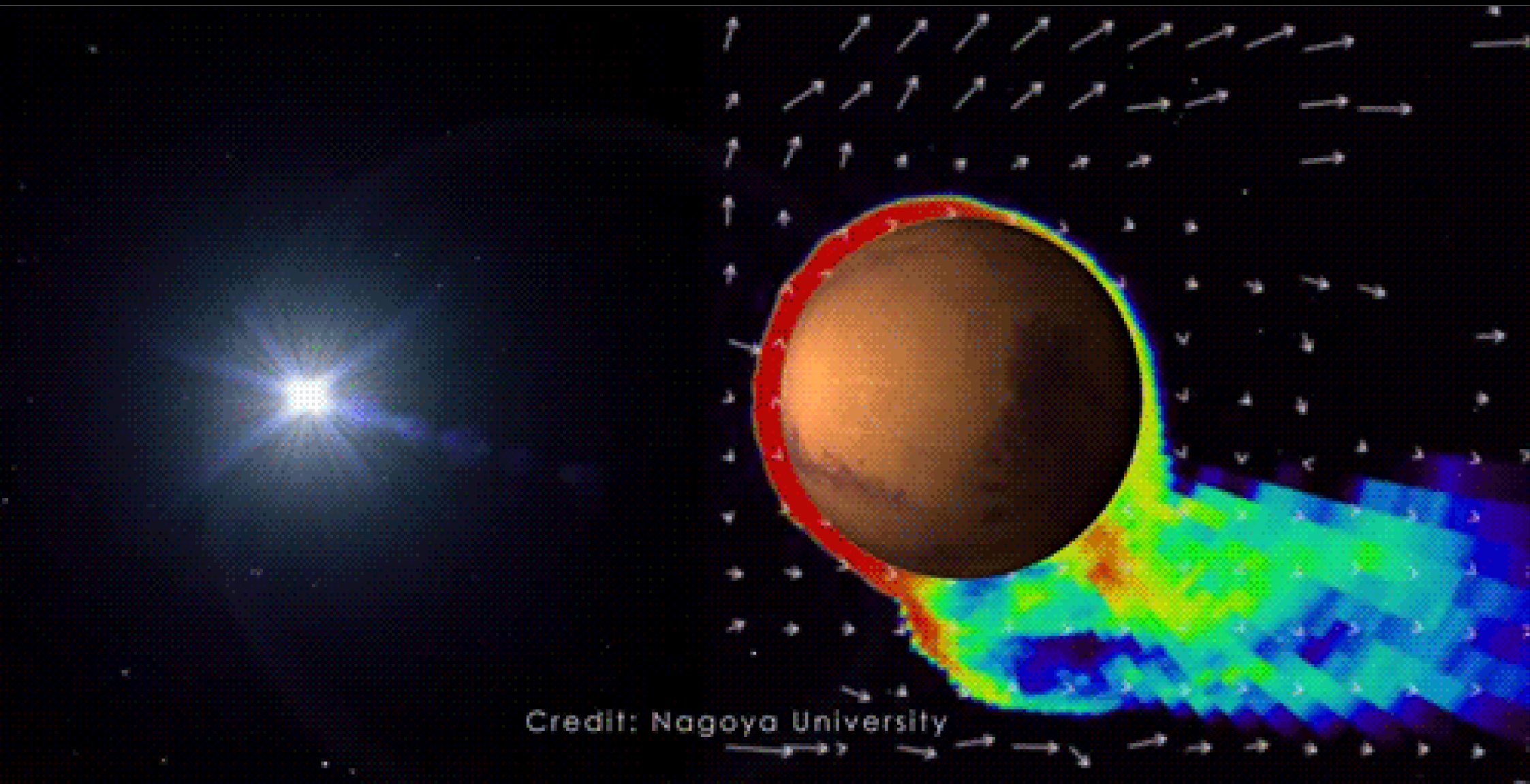
SOLAR WIND

Solar - Magnetospheric Interactions



<https://svs.gsfc.nasa.gov/30481>

Solar Wind-Magnetosphere Interaction

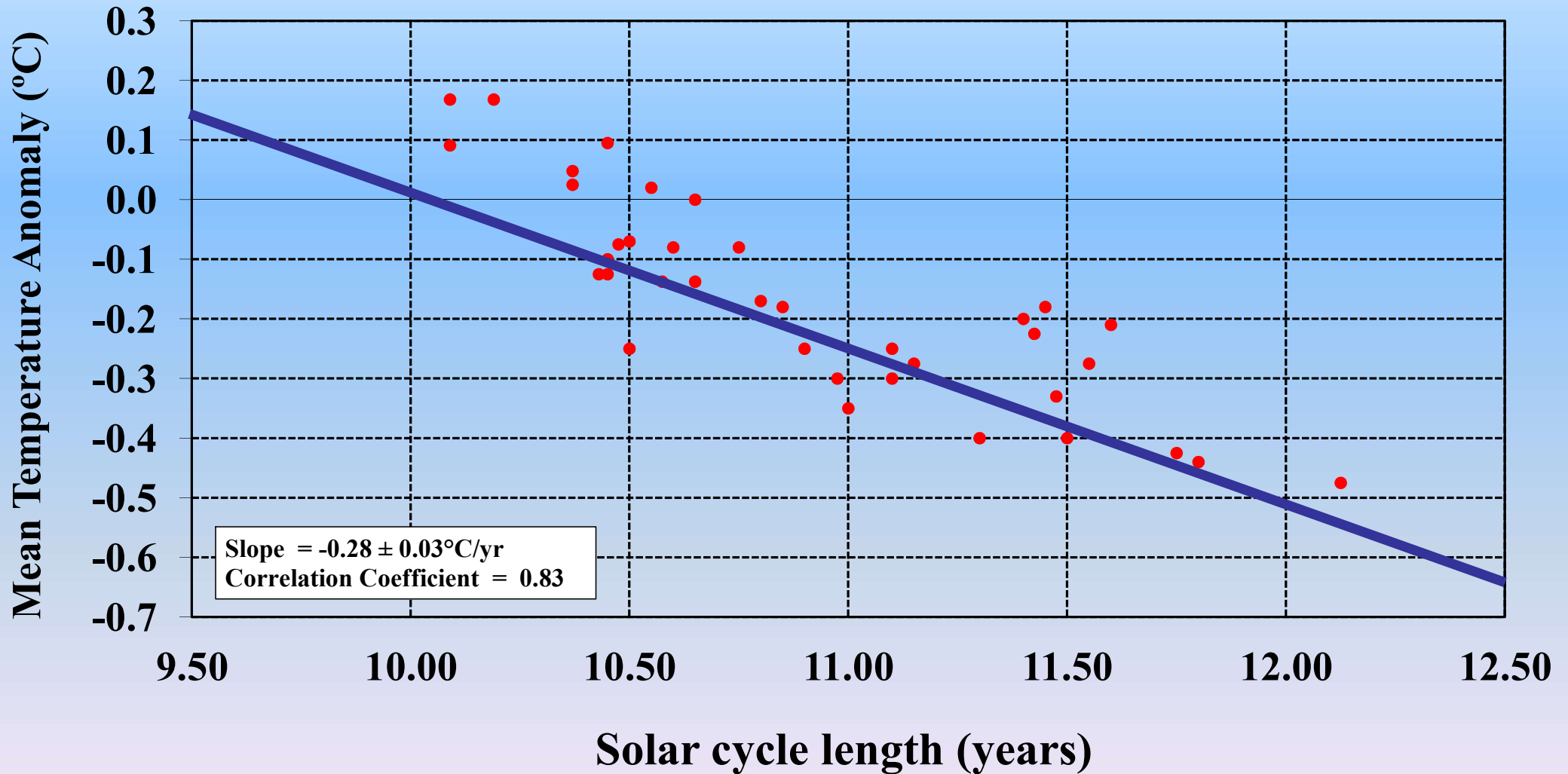


Credit: Nagoya University

83% of variations in global temperatures since the late 1500's can be accounted for by variations in the length of the solar cycle, without need for any assumed Man-made “Global Warming” effects.

Friis-Christensen, E. & Lassen, K., Journal of Atmospheric & Terrestrial Physics, Vol.57, No.8., 1995, pp.835-845.

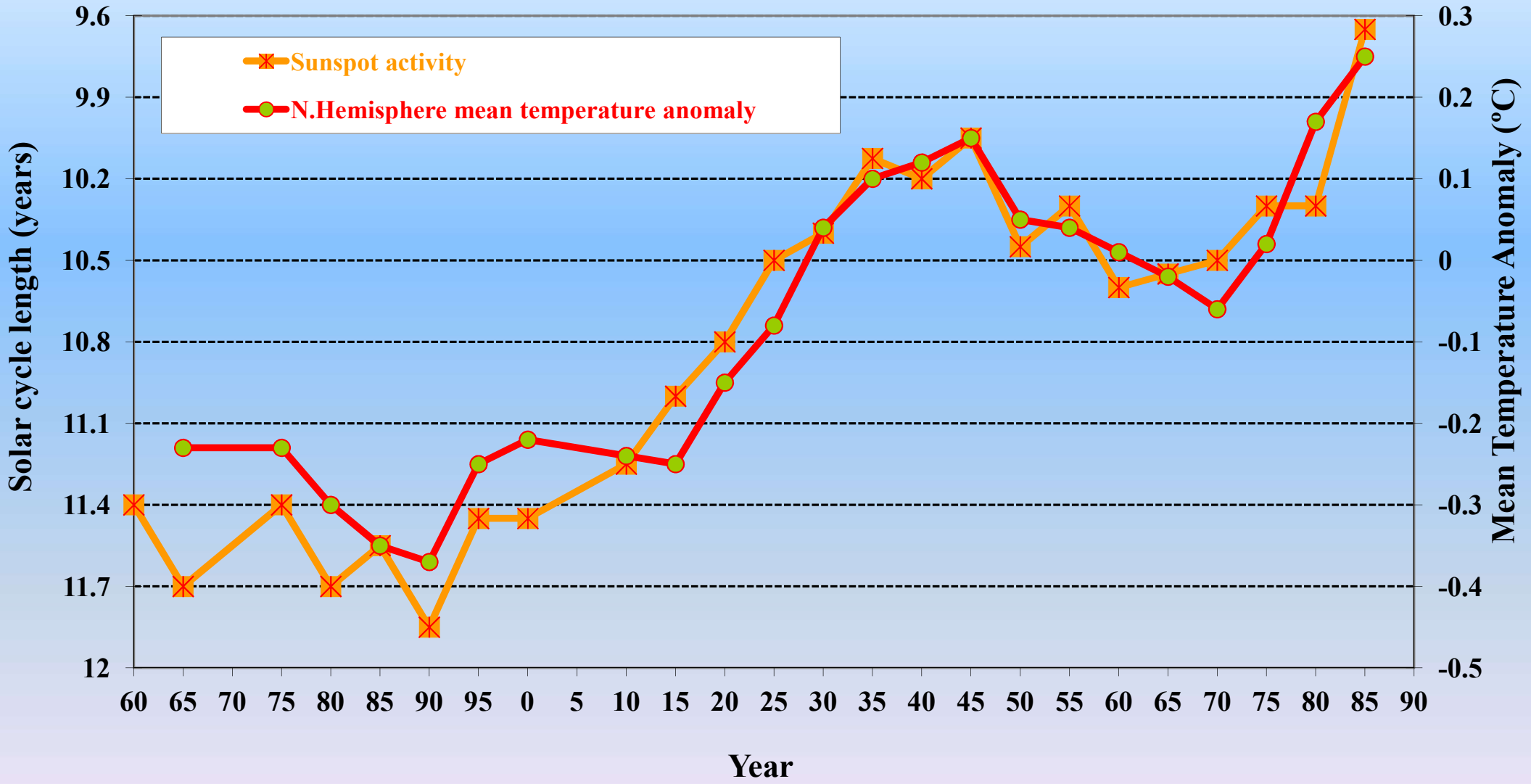
Global Temperature Variation 1550 - 1987 vs. Solar Cycle Length in Years



Source: Friis-Christensen, E & Lassen, K; Journal of Atmospheric & Terrestrial Physics, Vol. 57, No. 8, pp.833-845, 1995

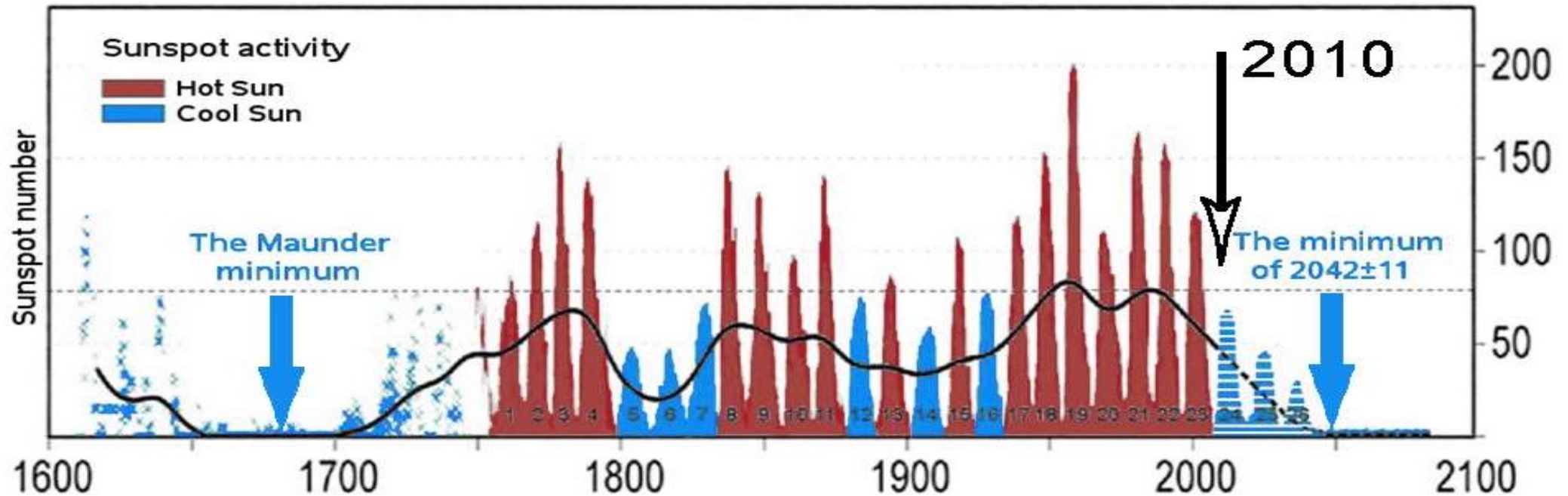
Sunspot Activity v. Land Temperature

1860 to 1990



Data source: Friis-Christensen, E. & Lassen, K, *Science*, Vol. 254, Pt. 5032, pp. 698-700, Nov. 1991

It's the sun wot dunnit.....



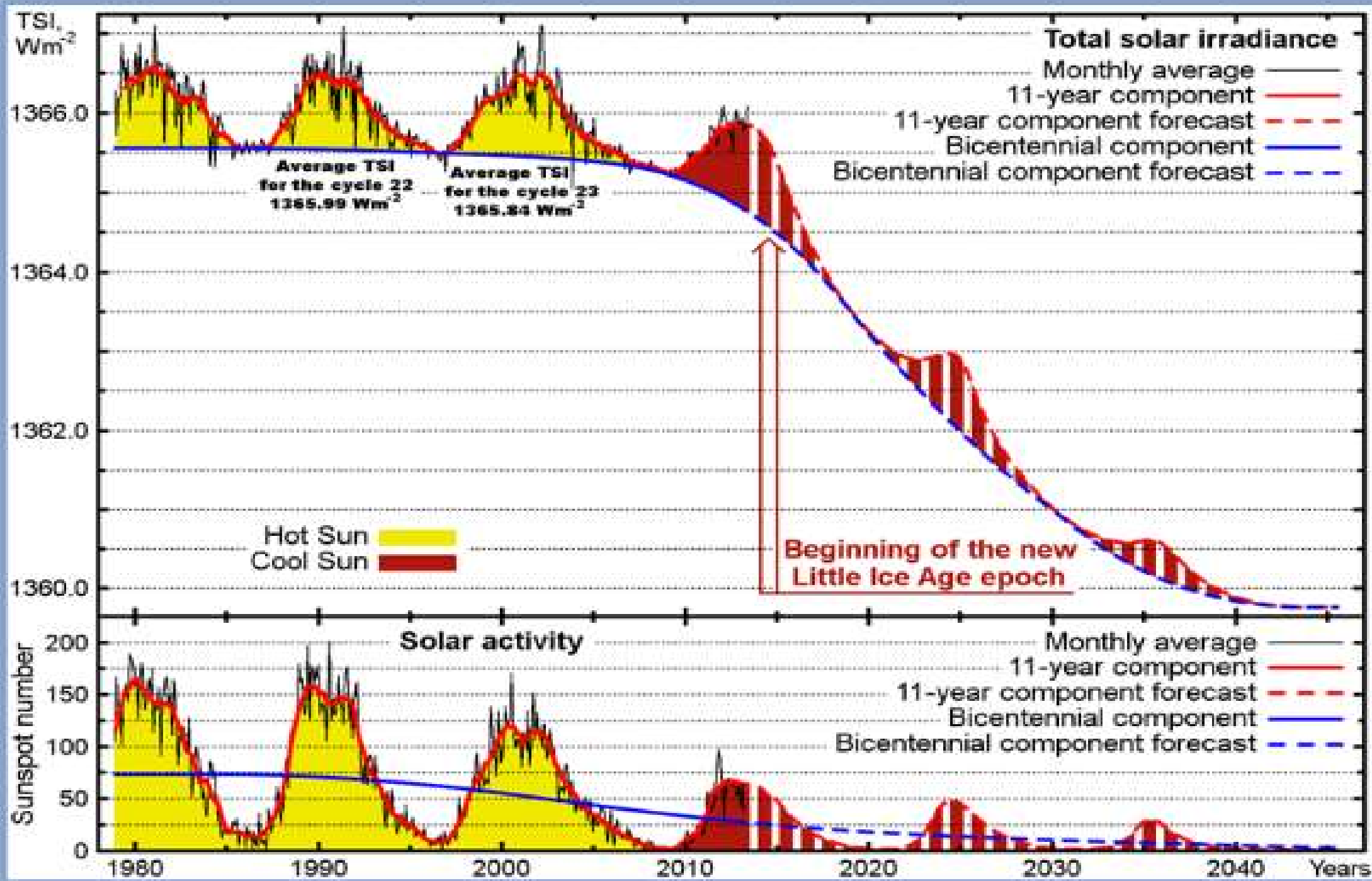
Relative Strength of Sunspot Activity (including prediction for 2008 onwards)

The strength of each numbered sunspot cycle is shown, with solid data commencing in the 1750's. Data prior to 1750's is regarded as less accurate, but of generally accepted scientific standard. Future predictions for 2008 onwards by Abdussamatov are shown as shaded blue.

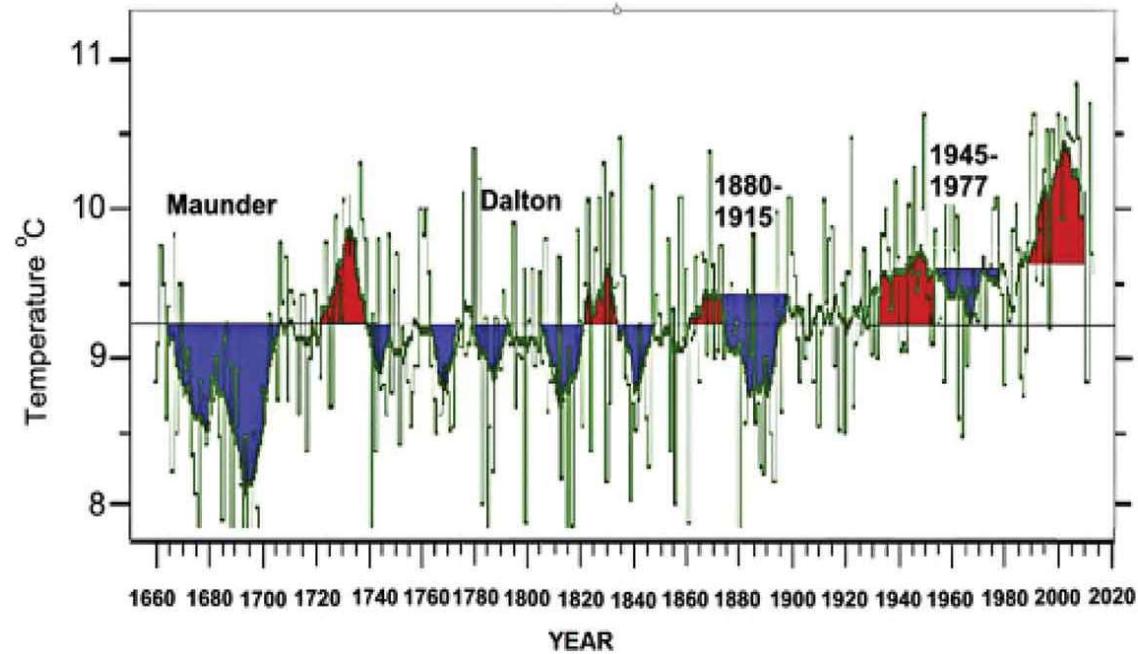
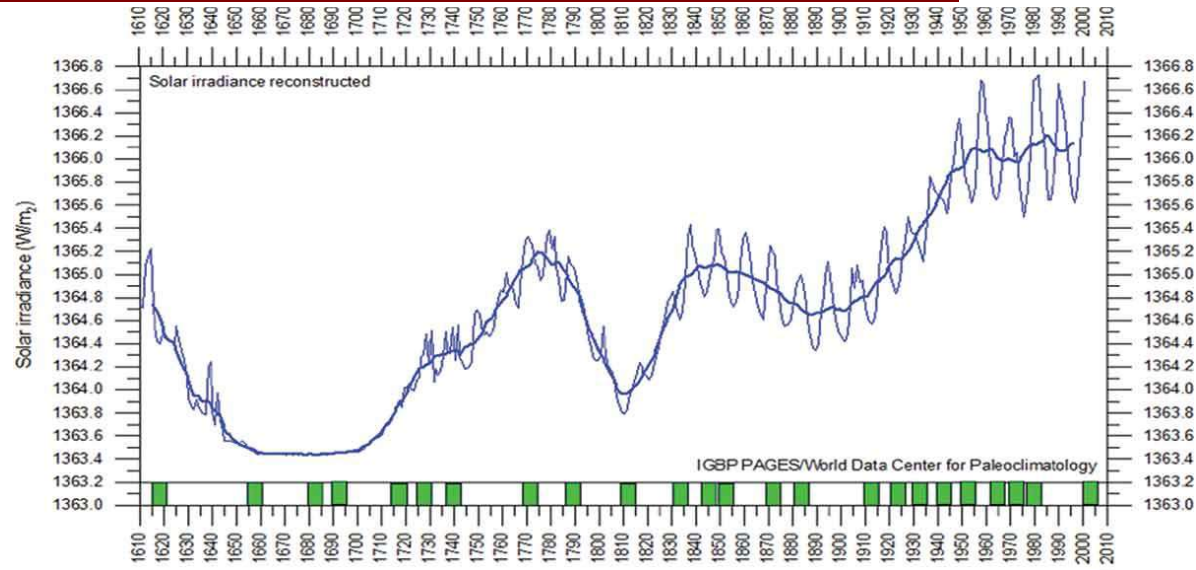
Graph taken from Abdussamatov (2009) "The Sun Defines the Climate" p4

NOTE: Colour code has been inverted from original. Marker arrows and 2010 line have been added.

www.TheLongView.com.au



Zharkova et al



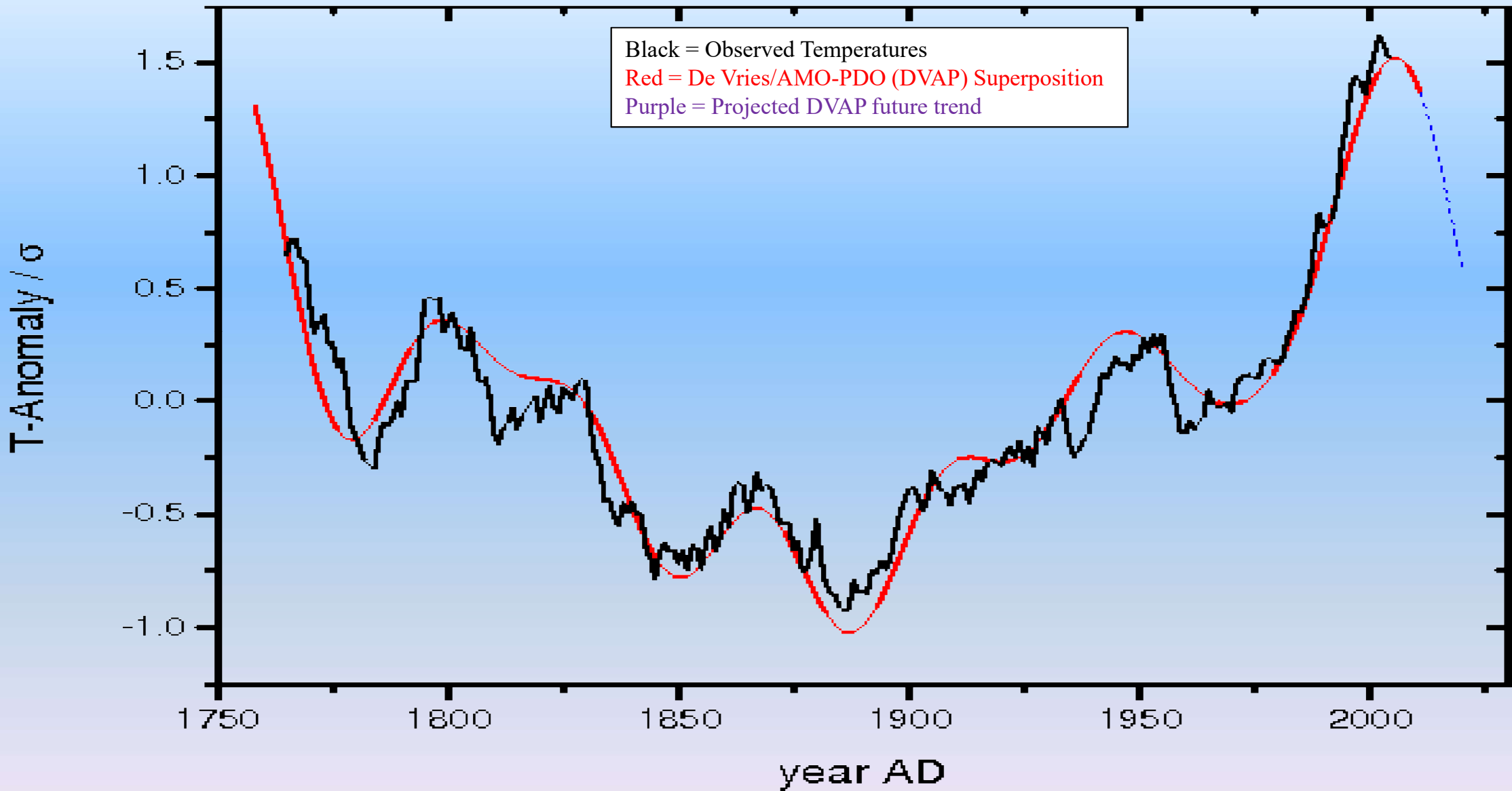
Temperature variation since 1750 largely accounted for by superposing De Vries solar & AMO/PDO oceanic activity cycles

- Nearly all the observed temperature variation since 1750 can be accounted for by superposing:
 1. The (c.200 year) De Vries/Suess solar activity cycle, &
 2. The (c.65 year) AMO/ PDO oceanic cycle (effect of solar activity on the Atlantic & Pacific oceans; modulated by oceanic specific heat capacity; hence time-delayed)

References:

1. <http://ruby.fgcu.edu/courses/twimberley/envirophilo/devries.pdf>
2. <https://notalotofpeopleknowthat.wordpress.com/2013/10/21/amo-pdo-cycles/>
3. <https://wattsupwiththat.com/2013/12/17/solar-amo-pdo-cycles-combined-reproduce-the-global-climate-of-the-past/>
4. <https://schillerinstitute.com/media/carl-otto-weiss-le-changement-climatique-est-du-a-des-cycles-naturels/>

Temperature variation since 1750 largely accounted for by superposing De Vries/Suess solar & AMO/PDO oceanic activity cycles



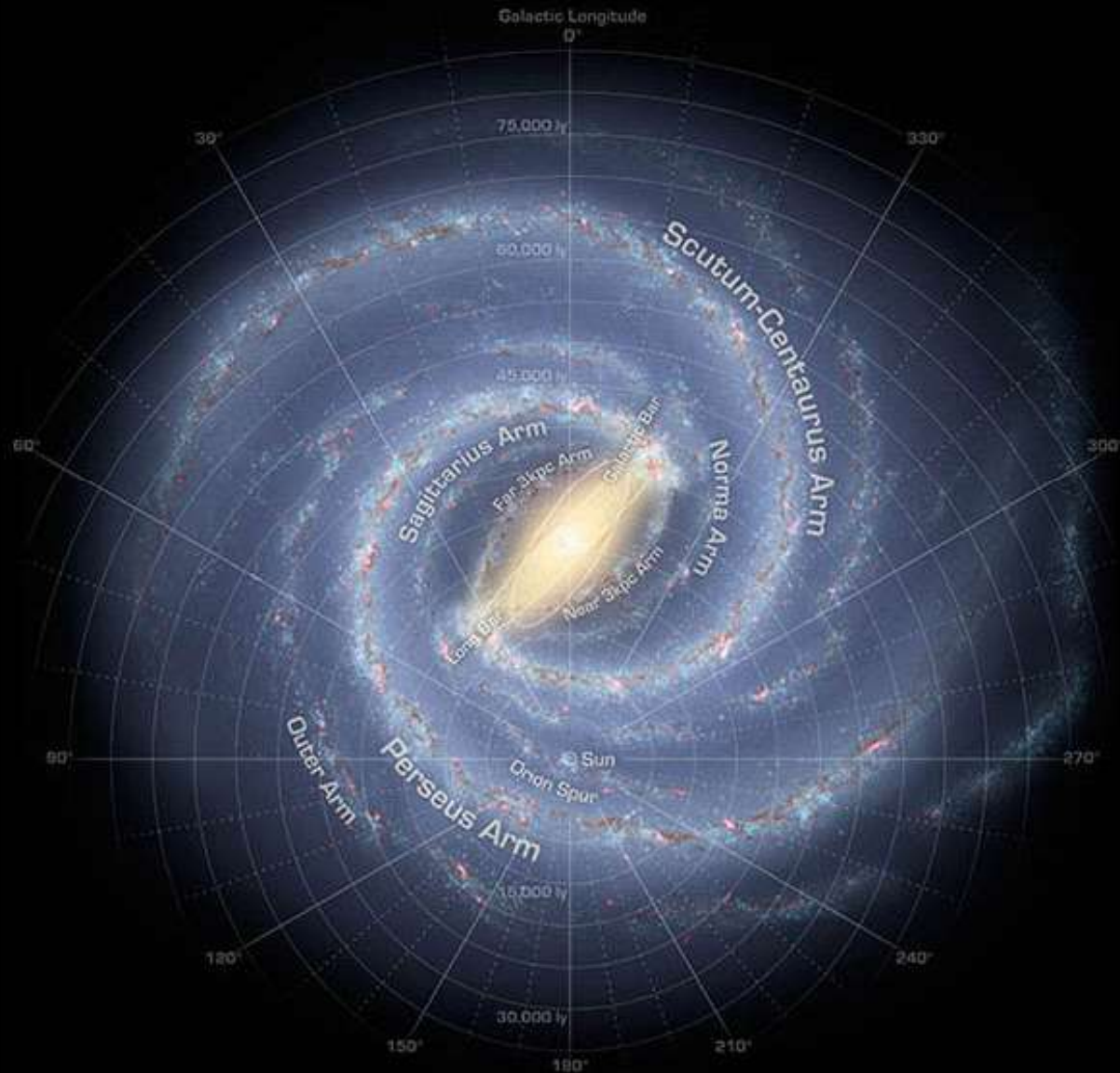
H.-J. Luedecke, A. Hempelmann & C.O. Weiss: Page 451, Fig.6: “Multi-periodic climate dynamics: spectral analysis of long-term instrumental and proxy temperature records”; Climate of the Past: <https://www.semanticscholar.org/paper/Multi-periodic-climate-dynamics%3A-spectral-analysis-L%C3%BCdecke-Hempelmann/12a0363dd89267f4d5d07bf6fa94e30f70a4b6ad>

Cosmic Ray Environment

Cosmic Ray Environment



Galactic Spiral Arms

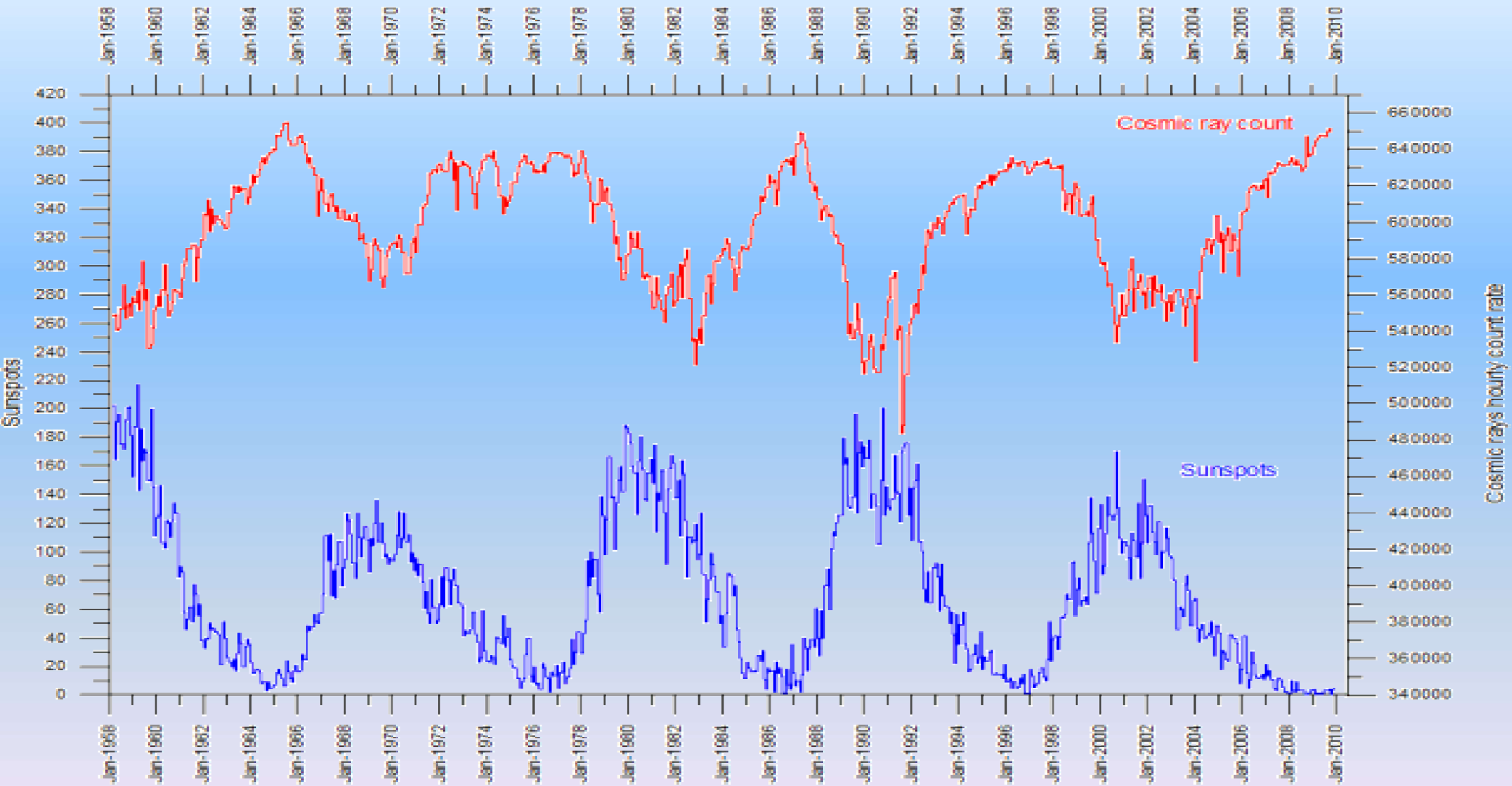


Solar Activity & Temperature Anomaly

Solar activity over the past several centuries can be reconstructed using different proxies. These reconstructions demonstrate that 20th century activity is unparalleled over the past 600 years (previously high solar activity took place around 1000 years ago, and 8000 yrs ago). Specifically, we see sunspots and ^{10}Be . The latter is formed in the atmosphere by $\sim 1\text{GeV}$ cosmic rays, which are modulated by the solar wind (stronger solar wind \rightarrow less galactic cosmic rays \rightarrow less ^{10}Be production). Note that neither proxy captures the decrease in the high energy cosmic rays that took place since the 1970's, but which the ion chamber data does.

Ref: <http://www.sciencebits.com/CO2orSolar>

Solar Activity vs Cosmic Ray Flux



Ref: <https://electroverse.net/cosmic-rays-reach-record-highs-as-solar-activity-nears-space-age-low/>

Calder, Svensmark et al, Shaviv..

- Calder & Friis-Christensen's pioneering studies on the effects of the complex interaction between solar activity (& inversely-related) cosmic ray incidence on the terrestrial climate have been followed up by Henrik Svensmark et al, & Israeli physicist, Nir Shaviv.
- In a nutshell, solar activity modulates terrestrial cosmic ray incidence; which in turn primarily controls temperature-regulating over-oceanic low-level cloud formation
- A potted history of their conclusions can be found in the aptly-named, "*The Chilling Stars*", by Henrik Svensmark & Nigel Calder: ISBN10:1-84046-815-7/ISBN13:978-1840468-15-1
- See Svensmark here:
<https://www.youtube.com/watch?v=wU1qg8HceGI>, &
- Nir Shaviv also here:
https://www.youtube.com/watch?v=6t5R5Bp_RXE &

Galactic Spiral Arms

“In the last half billion years, Earth has lost, four times, its polar caps: no ice at the North Pole and none at the South Pole. And, four times, the polar caps were reconstituted. Man did not exist then, only the so-called cosmic rays, discovered by mankind in the early twentieth century. The last cosmic ice age started 50 million years ago when we entered into one of the galaxy [spiral] arms.”

Dr. Antonino Zichichi, President of the World Federation of Scientists

Clouds of Complex Obscurity

“A 4% increase in terrestrial low-level cloud cover would change [reduce] the global climate by 2°C”¹

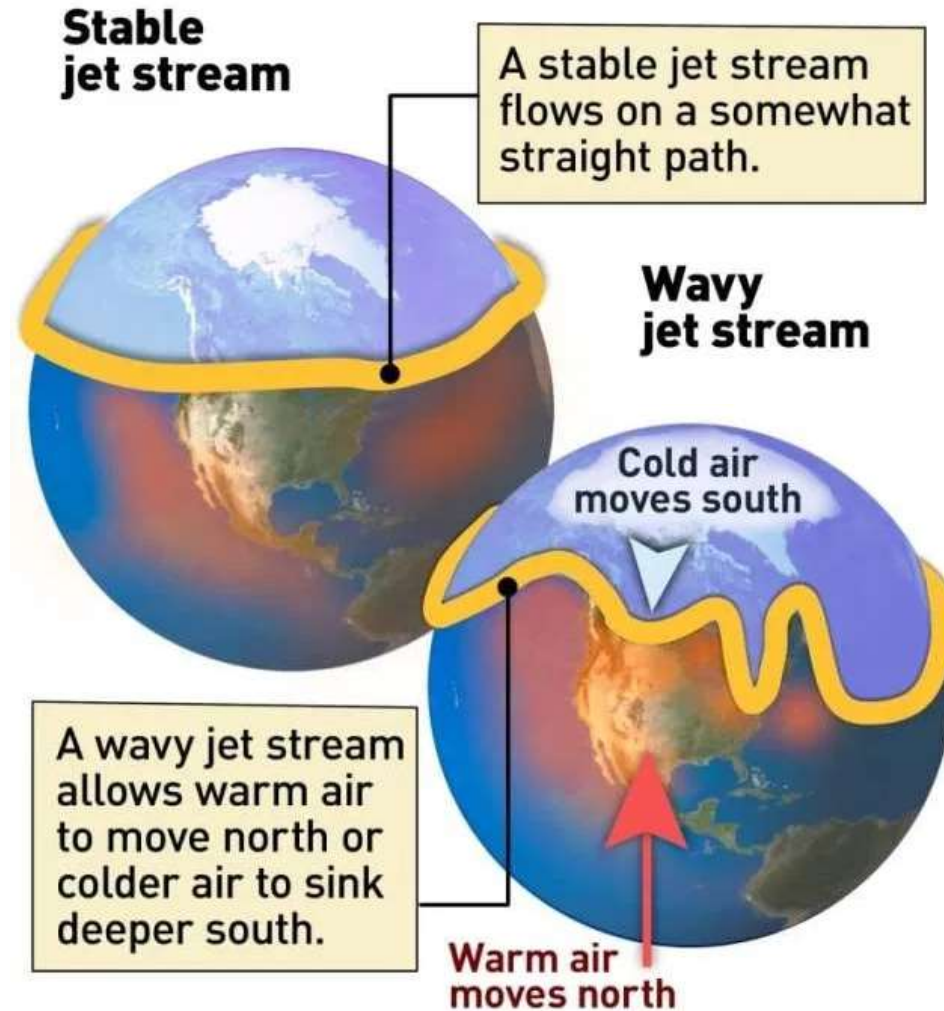
IPCC GCM models do not take any account of low-level cloud cover variation, or its effect on climate. Why?

Because it's currently too complex to computer model

¹ <https://climatediscussionnexus.com/2020/08/26/the-madness-of-clouds/?fbclid=IwAR2P7pH-OK4UBm4N4hLs4AA360NBsbMb4OZaKMECVtwSviFJGLIdTXDEz0c>

Meridional Jetstream

The Changing Jet Stream



CBC NEWS

SOURCES: NOAA; Scientific American

ELECTROVERSE

DOCUMENTING EARTH CHANGES DURING THE NEXT GSM AND POLE SHIFT



<https://electroverse.net/nasa-predicts-next-solar-cycle-will-be-lowest-in-200-years-dalton-minimum-levels-the-implications/>

- EXTREME WEATHER
- CROP LOSS
- VOLCANIC & SEISMIC ACTIVITY
- ARTICLES
- LIVE DATA SETS
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You are here > Home > Crop Loss > NASA Predicts Next Solar Cycle will be Lowest in 200 Years (Dalton Minimum Levels) + the Implications



Articles | Crop Loss | Extreme Weather | **GSM** | Volcanic & Seismic Activity

NASA PREDICTS NEXT SOLAR CYCLE WILL BE LOWEST IN 200 YEARS (DALTON MINIMUM LEVELS) + THE IMPLICATIONS

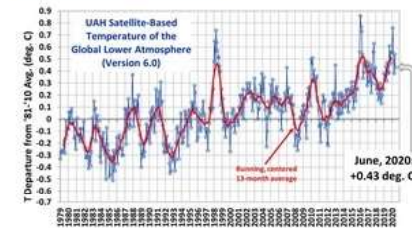
JUNE 18, 2019 CAP ALLON

An approaching Grand Solar Minimum is gaining evermore support. Even NASA appears to be on-board, with their recent SC25 prediction — though, predictably, they stay clear of the implications.

NASA's forecast for the next solar cycle (25) reveals it will be the weakest of the last 200 years.

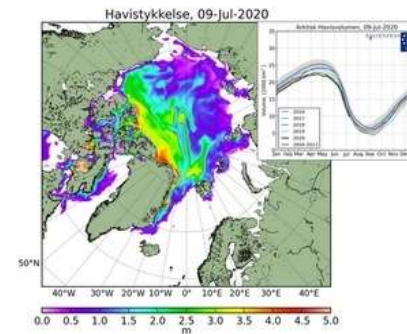
The maximum of this next cycle — measured in terms of sunspot number, a standard measure of solar activity level — could be 30 to 50% lower than the most recent one.

LATEST UAH TEMPERATURE 1979 THRU JUNE 2020 (+0.43C)



DR ROY SPENCER

LATEST ARCTIC SEA ICE THICKNESS



DANISH METEOROLOGICAL INSTITUTE

LATEST GREENLAND SMB



<https://electroverse.net/cosmic-rays-reach-record-highs-as-solar-activity-nears-space-age-low/>

EXTREME WEATHER CROP LOSS VOLCANIC & SEISMIC ACTIVITY ARTICLES LIVE DATA SETS CONTACT US

You are here » Home » Articles » Cosmic Rays reach Record High as Solar Activity nears Space Age Low — Implications Explained



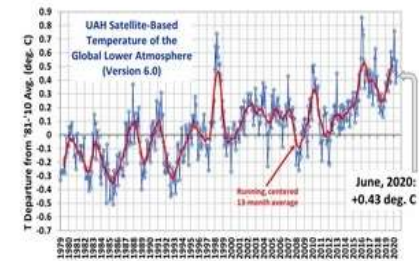
COSMIC RAYS REACH RECORD HIGH AS SOLAR ACTIVITY NEARS SPACE AGE LOW — IMPLICATIONS EXPLAINED

📅 DECEMBER 14, 2019 👤 CAP ALLON

Galactic Cosmic Rays are a mixture of high-energy photons and sub-atomic particles accelerated toward Earth by supernova explosions and other violent events in the cosmos. *Solar* Cosmic Rays are effectively the same, though their source is the sun.

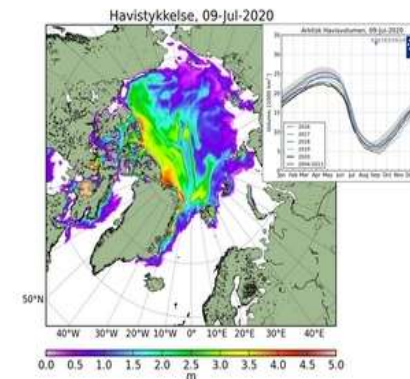
Spaceweather.com and the students of Earth to Sky Calculus have been launching cosmic ray balloons almost weekly since March 2015. Their results reveal atmospheric radiation is has reached record highs, just as solar activity is approaching a space age low.

LATEST UAH TEMPERATURE 1979 THRU JUNE 2020 (+0.43C)



DR ROY SPENCER

LATEST ARCTIC SEA ICE THICKNESS



DANISH METEOROLOGICAL INSTITUTE

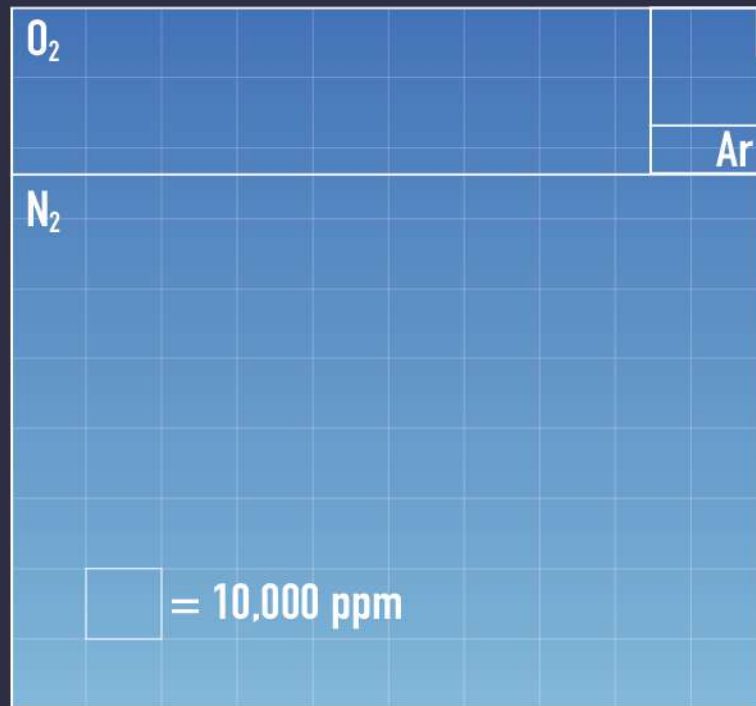
LATEST GREENLAND SMB

Atmospheric Composition

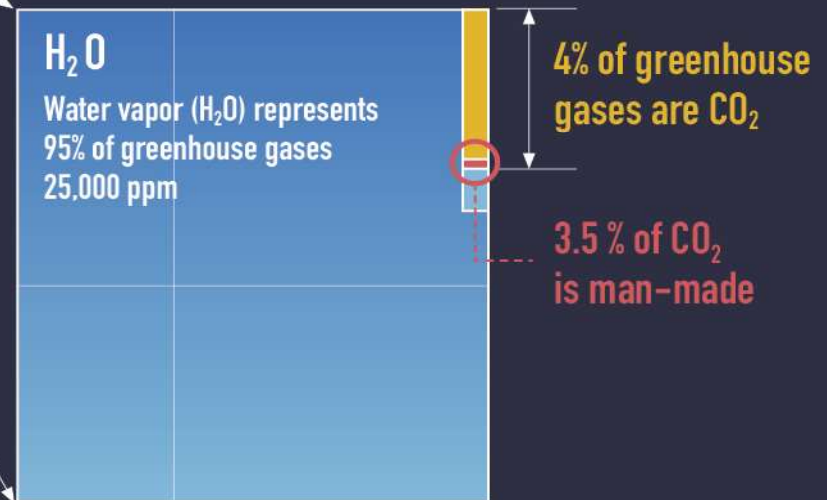
N° 11 THE WORLD OF CO₂

Earth's atmospheric composition in relationship to CO₂

For every 85,000 molecules in the atmosphere, 33 are CO₂. One of those 33 will be because of human activity and the UK is responsible for 1/100th of that one in every 33 molecules, i.e., one in every 3300 CO₂ molecules = “9/10ths of bugger all”



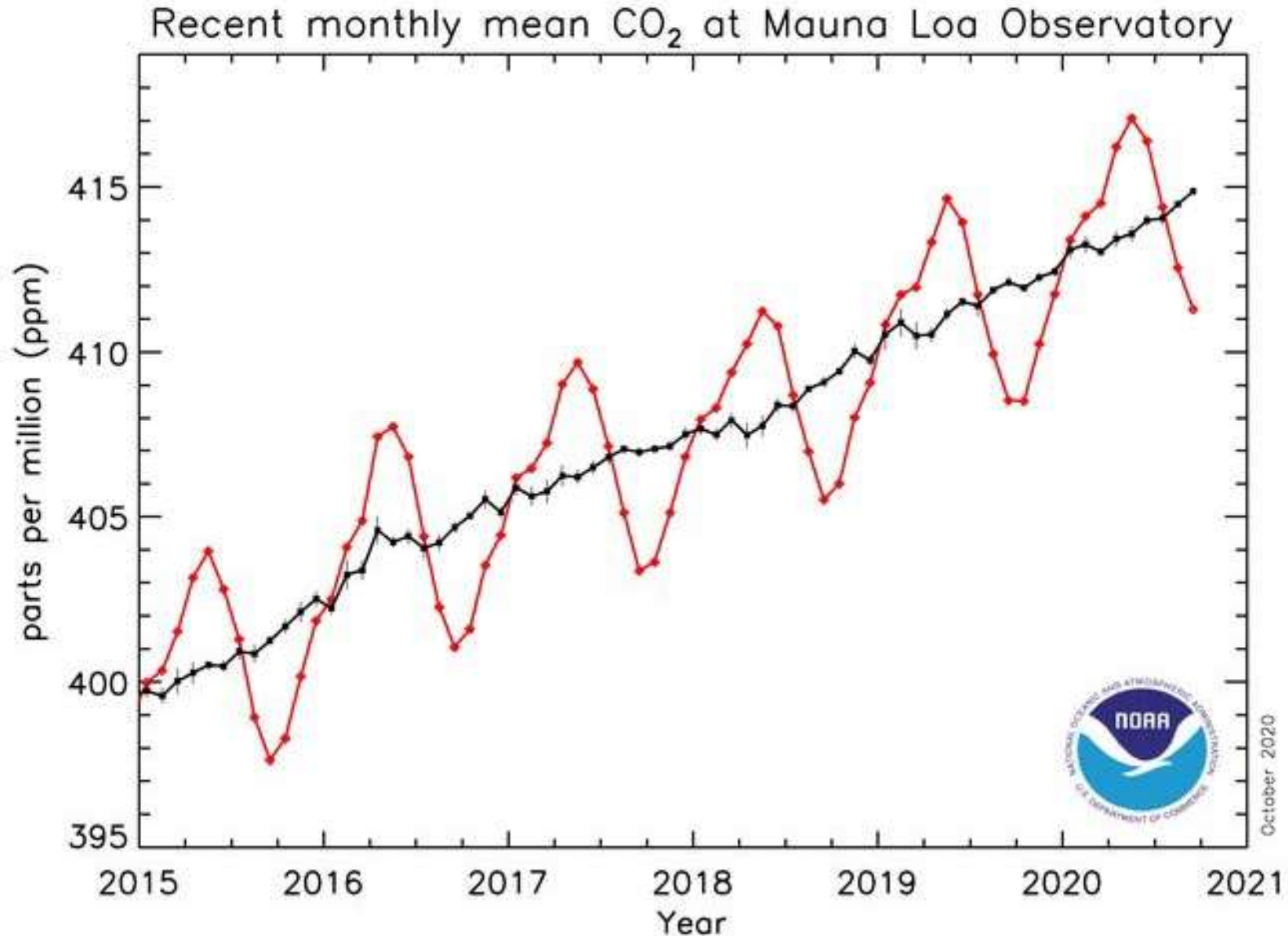
100% of all gases in the atmosphere



This block represents all greenhouse gases, which comprise only ~2% of the total atmosphere

Reference: www.heritage.org, N° 1 Earth's atmospheric composition, N° 2 Natural sources of CO₂ emissions, N° 3 Global anthropogenic CO₂ emissions

If natural variation swamps COVID's effect on the anthropogenic fingerprint, why is that only happening now?



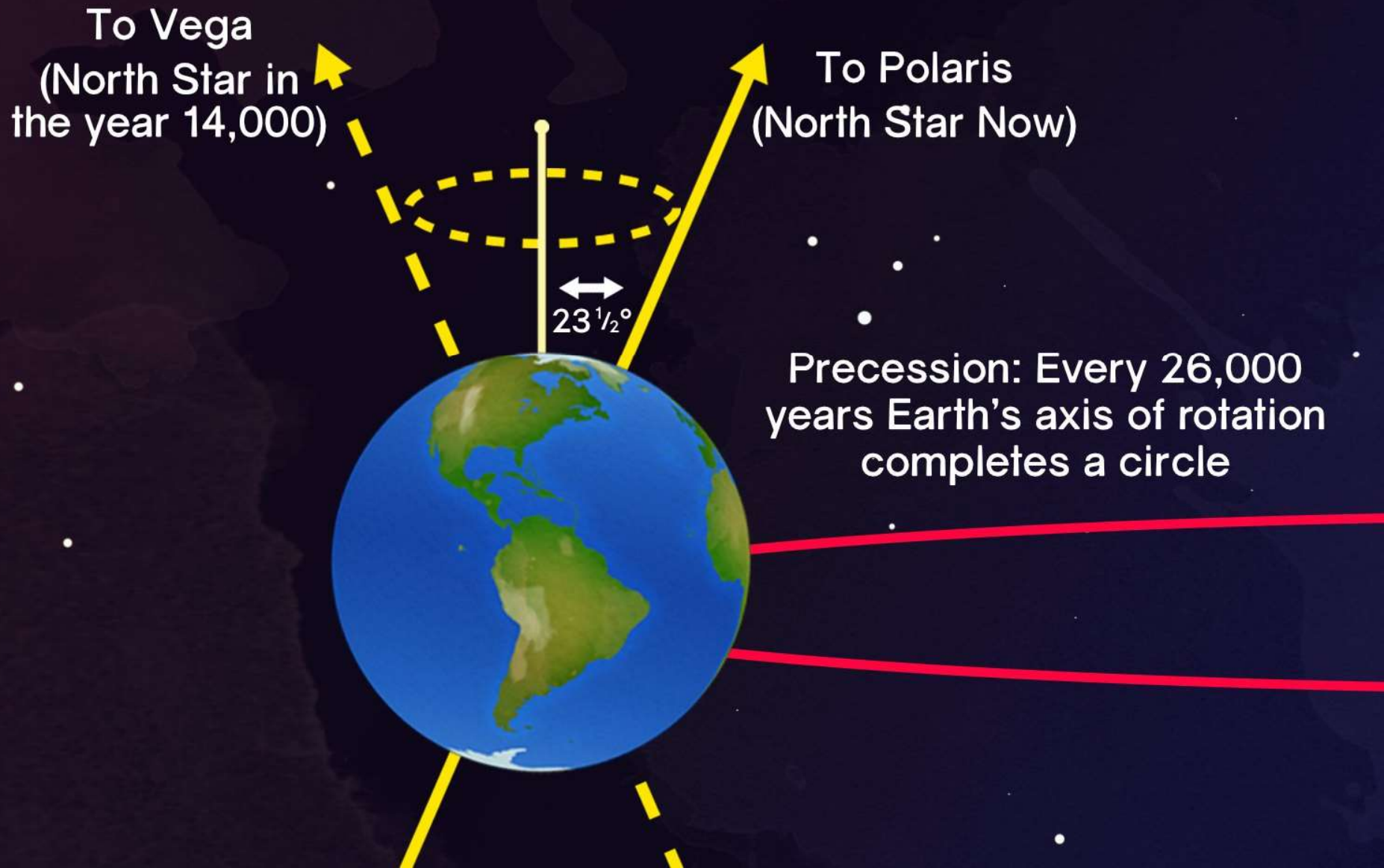
Latest research (using ^{14}C specific activity) indicates that only one-eighth of the 140ppmv atmospheric CO_2 *increase* (from an *estimated* 280ppmv in 1750 to a *measured* 420ppmv today); arises from human activities; i.e., only 17.5ppmv. The remaining seven-eighths (122.5ppmv) of it arise from natural sources, totally outside human control. There is also substantial re-absorption by natural carbon exchange reservoirs. This refutes the conclusions of all previous studies.

https://journals.lww.com/health-physics/Fulltext/2022/02000/World_Atmospheric_CO2,_Its_14C_Specific_Activity,.2.aspx

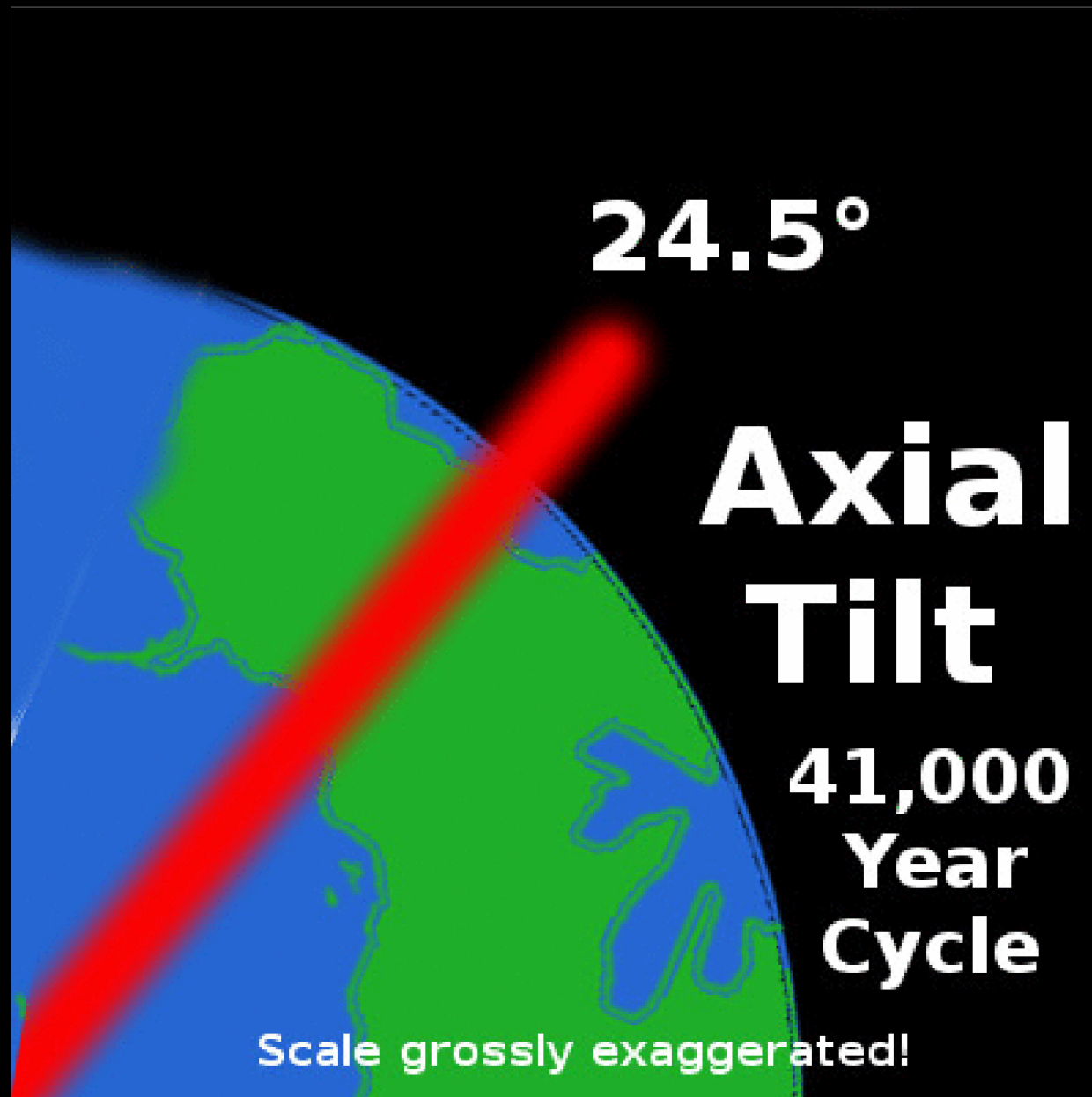
Milanković Cycles

Milankovich Cycles: Axial Precession

<https://climate.nasa.gov/news/2948/milankovitch-orbital-cycles-and-their-role-in-earths-climate/>



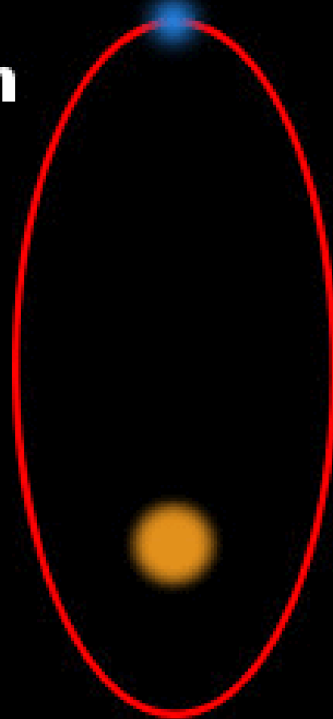
Milankovic Cycles: Axial Precession



Milankovic Cycles: Orbital Precession

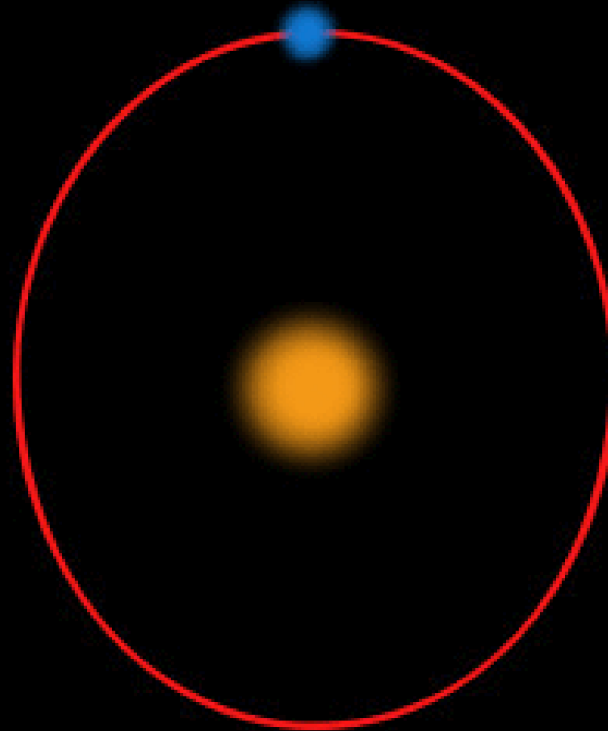
**Orbital
Precession**

**112,000
Year
Cycle**



Scale Grossly Exaggerated!

Milankovic Cycles: Orbital Eccentricity



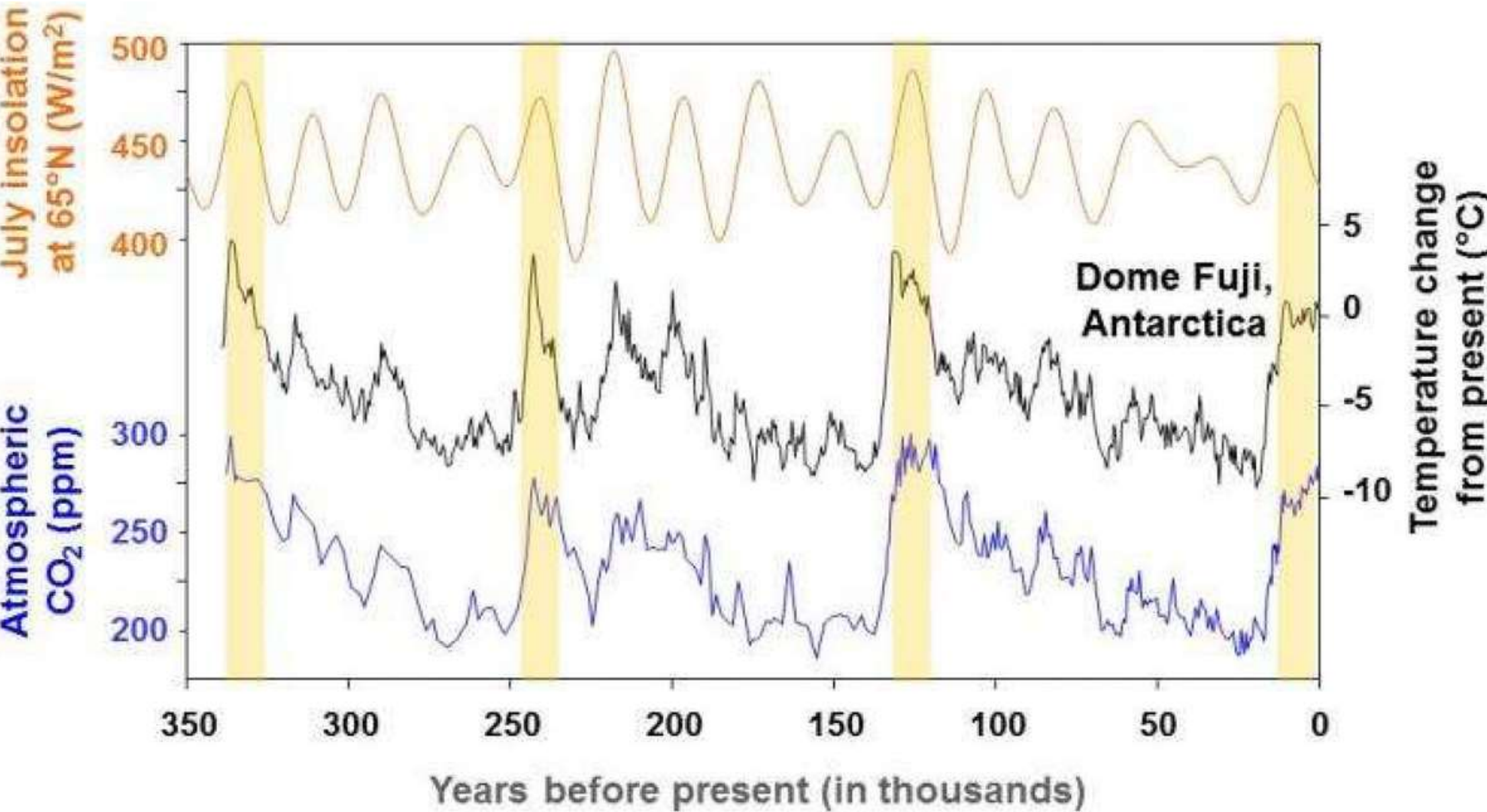
Orbital Eccentricity
100,000 Year Cycle
Scale grossly exaggerated!

Miscellaneous Additional Factors

- *Magnetospheric Effects* - currently weakening field; pole shift within next 10,000 years: reducing protection from solar effects. Cosmic rays largely too energetic to be affected
- *Volcanicity/ Tectonics* - highest energy cosmic rays penetrate to Earth's core before being absorbed: heats magma and promotes volcanic activity/ post-eruption atmospheric cooling/ earthquakes
See: e.g., Svalbard & Thwaites Glacier geothermal plumes:
http://www.tohoku.ac.jp/en/press/greenland_plume_drive_thermal_activities.html?mc_cid=fb29760038&mc_eid=ffa2d4f35e & <https://www.nature.com/articles/s43247-021-00242-3>
- *El Niño/ La Niña* - significant, recurring temporary warming/cooling effects over large oceanic areas:
See e.g.: <https://www.worldatlas.com/articles/how-do-ocean-currents-affect-climate.html> & <https://www.britannica.com/science/climate-meteorology/Circulation-currents-and-ocean-atmosphere-interaction>
- *The Beaufort Gyre* - Large climate swings *may* be triggered by the waxing and waning this phenomenon; which has the potential to disrupt the Gulf Stream & the mild Western European climate of the current era. See:
<https://electroverse.net/british-astrophysicists-mini-ice-age-is-accelerating-new-maunder-minimum-has-begun/>

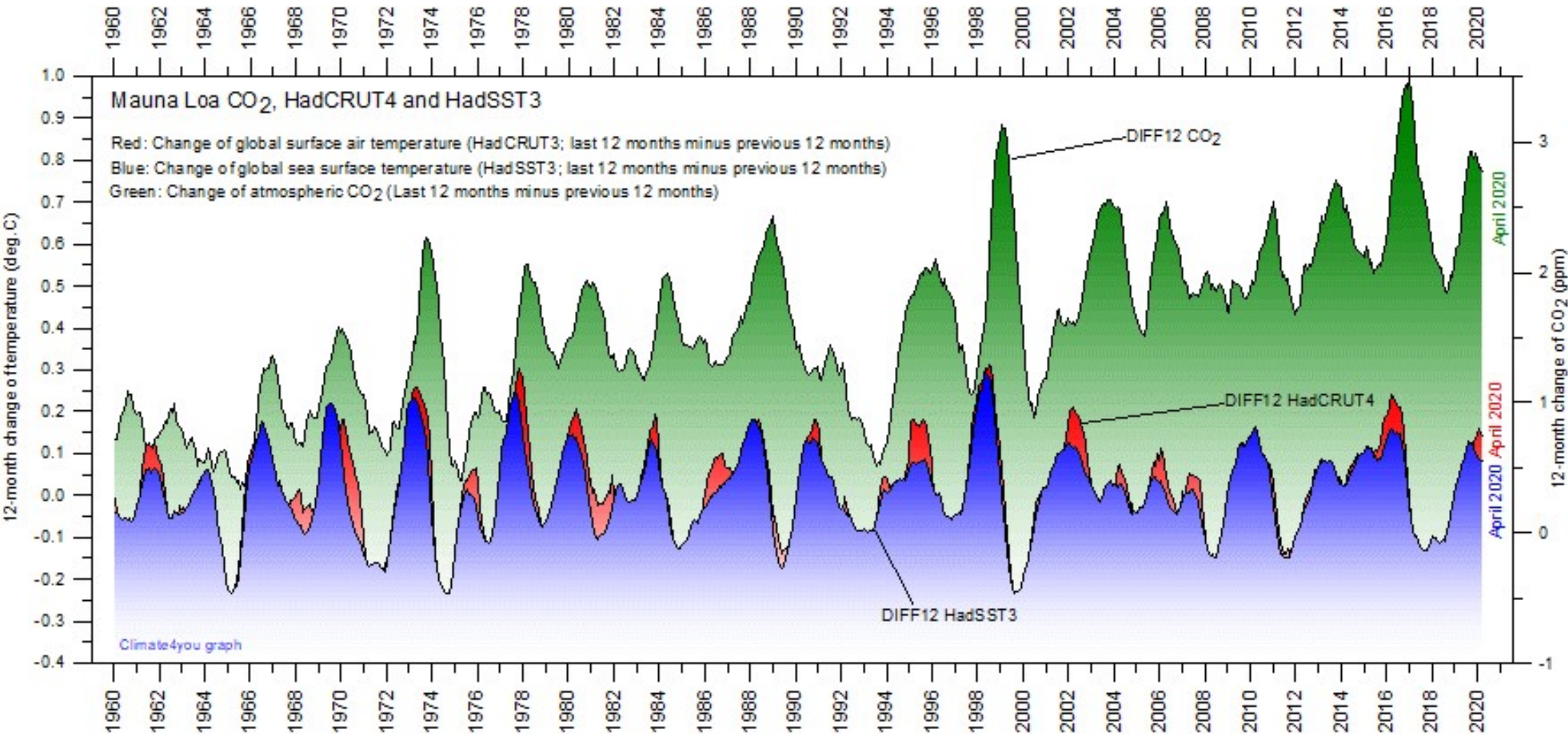
Inconveniently, the carbon
dioxide “horse”
obdurately lags behind the
temperature “cart”:

The change in CO₂ concentration always follows that in the temperature...



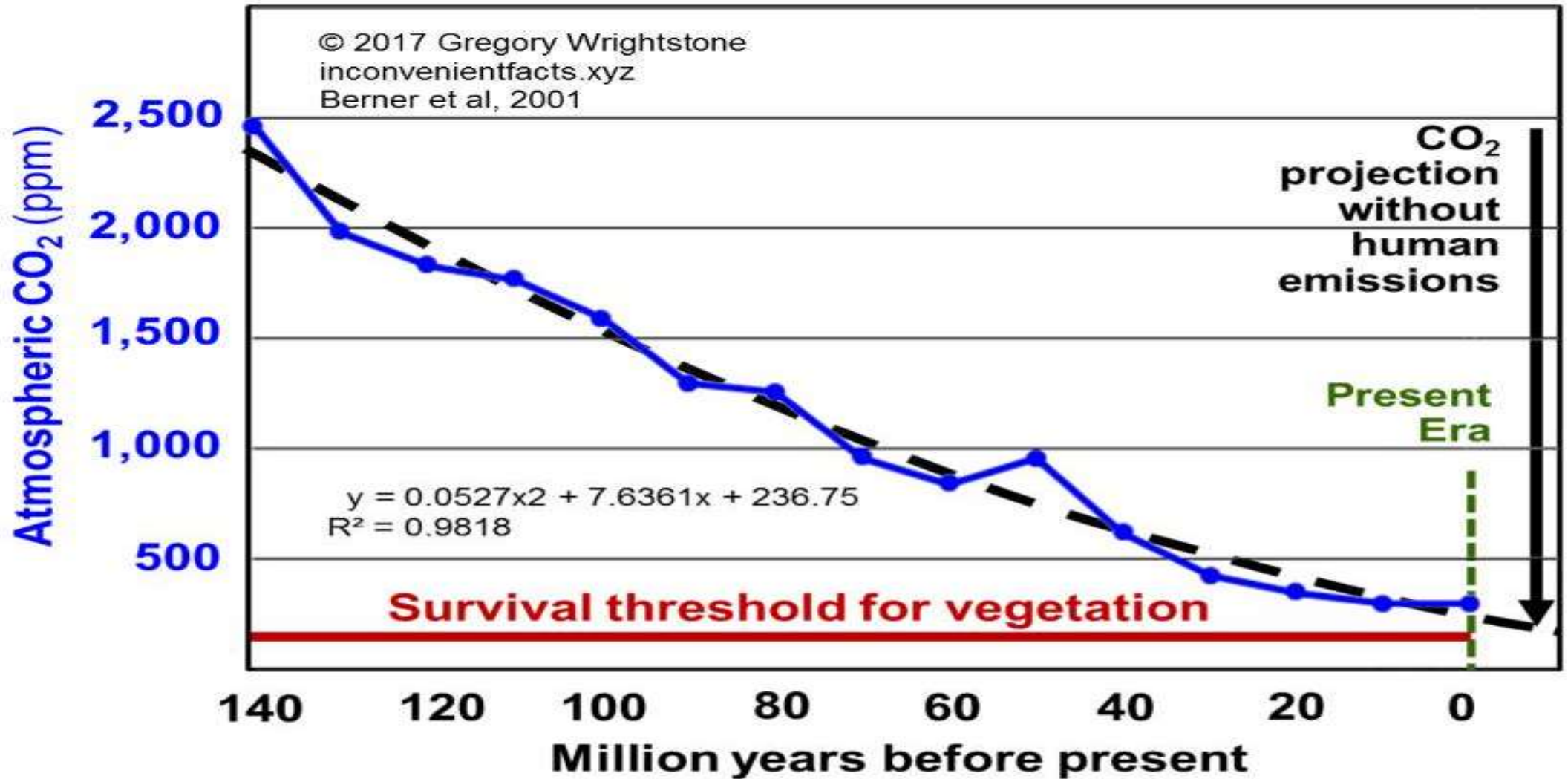
See: https://journals.lww.com/health-physics/Fulltext/2022/02000/World_Atmospheric_CO2,_Its_14C_Specific_Activity,.2.aspx/

The change in CO₂ concentration always follows that in the temperature...



See e.g.: <https://wattsupwiththat.com/2012/04/11/does-co2-correlate-with-temperature-history-a-look-at-multiple-timescales-in-the-context-of-the-shakun-et-al-paper/>

Fig I-12: The dangerous 140-million-year decline in CO2



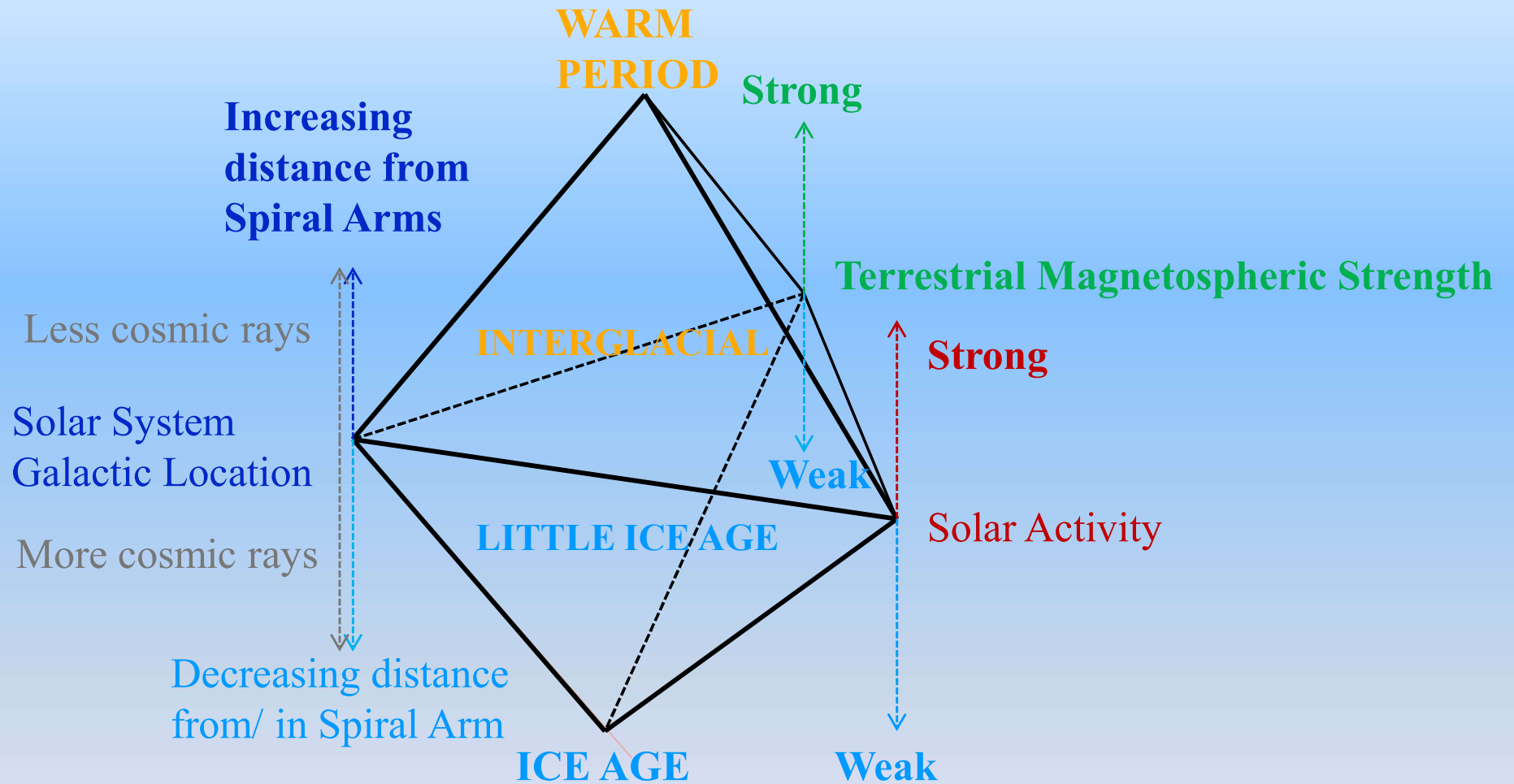
Berner RA, Kothavala Z (2001) GEOCARB III: A revised model of atmospheric CO₂ over Phanerozoic time, IGBP PAGES and World Data Center for Paleoclimatology, Data Contribution Series # 2002-051. NOAA/NGDC Paleoclimatology Program, Boulder CO, USA.

An emerging view of the primary influences on the Terrestrial Climate

Climate Space Pentahedron

Axes	Condition	Condition
Galactic Location	Distant from Spiral Arm	In Spiral Arm
Solar Activity (incl. Milanković effects etc)	Strong	Weak
Terrestrial Magnetospheric Field	Strong	Weak
Outcome	Interglacial or Warm Period	Little or Full Ice Age

Climate Space Pentahedron



Some Illuminating Background.....

Quotes from UN/ IPCC officials

Christiana Figueres, Executive Secretary of the UN Framework Convention on Climate Change 2010-16:

“This is the first time in the history of mankind that we are setting ourselves the task of intentionally, within a defined period of time, to change the economic development model that has been reigning for at least 150 years, since the Industrial Revolution.”

continuing:

“This is probably the most difficult task we have ever given ourselves, which is to intentionally transform the economic development model for the first time in human history.”

Source: <https://www.armstrongeconomics.com/world-news/climate/global-warming-is-about-destroying-capitalism/>

Quotes from UN/ IPCC officials

Ottmar Edenhoffer, UN co-chair of the Intergovernmental Panel on Climate Change working group on Mitigation of Climate Change from 2008 to 2015.:

"One has to free oneself from the illusion that international climate policy is environmental policy. This has almost nothing to do with the environmental policy anymore, with problems such as deforestation or the ozone hole,".....

continuing:

"We redistribute de facto the world's wealth by climate policy."

Source: <https://www.investors.com/politics/editorials/another-climate-alarmist-admits-real-motive-behind-warming-scare/>

Quotes from a climate activist

Naomi Klein, author (*This Changes Everything: Capitalism vs. the Climate*) & climate activist:

"What if global warming isn't only a crisis?"

Klein asks in a preview of a documentary inspired by her book.

"What if it's the best chance we're ever going to get to build a better world?"

In her mind, the world has to *"change, or be changed"* because an *"economic system"* - meaning free-market economics - has caused environmental *"wreckage"*.

Rational eco-activists Lomborg, Shellenberger & Moore all dispute this

Source: <https://www.investors.com/politics/editorials/another-climate-alarmist-admits-real-motive-behind-warming-scare/>

Democratic Accountability Deficit

What right do UN functionaries have to determine the economic system by which *any individual country*, let alone the world, operates?

What bearing does economics have on our ever-changing climate?

A final, thought-provoking quote

“So here we sit. The next beat of the 179-year solar retrograde cycle is due. The next beat of the 360-year Little Ice Age Cycle is due. The next beat of the 1440-year Ice-Age Cycle is due. The next beat of the 11,500-year Ice-Age Cycle is due. The next beat of the 100,000-year Ice-Age Cycle is due . . . and we’re worried about global warming?.....

It’s ludicrous to be worried about global warming.”

<https://electroverse.net/the-solar-retrograde-cycle-and-little-ice-ages/>; Cap Allon, 04/12/2020.

CLIMATE CHANGE

A Natural Phenomenon caused by:

1. Changes in the activity/ output of the sun
2. Changes in the interplanetary medium
3. Changes in the terrestrial magnetosphere
4. Changes in the Earth's axial tilt
5. Changes in the Earth's orbital eccentricity
6. Changes in the level of tectonic activity

These all influence the energy absorbed by the Earth's oceans; which is the primary determinant of our climate.

The Earth is 4.7 Billion years old; Climate Change is just as old

Still believe that Carbon Dioxide
(CO₂) is the primary terrestrial
climatic control knob?

CLIMATE CHANGE LEGISLATION WILL RUIN YOUR FUTURE

If you don't do something about it very soon:

- You will be permanently deprived of the unrestricted freedom of movement over the entire UK road network that you currently enjoy.
- Your choice of vehicle powertrain will be steadily reduced - before it is withdrawn altogether.
- A number of local authorities plan to make your use and ownership of private cars - even fully electric powered ones (EVs) - "history" by 2041 latest.
- You will have to apply for permission to use a communally-accessible, car-club or state-owned electric vehicle.

Think we are mad? Think again. Resulting from the provisions of the Climate Change Act 2008, by 2030, government has legislated to ban the sale of internal combustion engined vehicles (ICEVs), whether diesel, petrol or hybrid (deferral to 2035).

- The Parliamentary Science and Technology Select Committee has even gone as far as to say that: ***"private vehicle ownership and use is incompatible with significant decarbonisation"*** .

Not only that, related decarbonisation policies here:

https://www.repository.cam.ac.uk/bitstream/handle/1810/299414/REP_Absolute_Zero_V3_20200505.pdf?sequence=9&isAllowed=y

will mean that:

- You will not be permitted to catch foreign - or even domestic - holiday flights.
- Your "choice" of domestic heating source will be restricted to electricity only.
- If you already have a gas or oil heating installation, you will be compelled to have it removed and replaced with an electric one; necessitating an energy-inefficient £20,000 heat pump and larger radiators. In operation, it will be unaffordable.
- Your energy usage will be SMART meter monitored and capped or even cut off if you exceed permitted usage levels:
<https://www.technocracy.news/uk-paves-way-for-smart-meters-to-directly-control-home-appliances/>.

This legislation arises from an alleged "Climate Emergency"; to which it is asserted we must respond. This "emergency" only exists in the computer-generated projections of a tightly-knit group of climate modellers and meteorologists. This group not only shuns objective scrutiny of its activities, but also is not above seeking to falsify historical temperature records in pursuit of its aims. Empirical (measured, real world) data do NOT support any "emergency" assertion.

What You Can Do:

- Download the CIPT/ ABD information sheet on responding to the (now closed) consultation on ICEV withdrawal:
<http://www.votersformotors.org/wp-content/uploads/2020/09/Re-appraiseNetZerov5-2020-08-18.pdf>; read it, then
- Write to your MP (find him/ her here:
<https://members.parliament.uk/FindYourMP>)
 - (i) Opposing the accelerated ICEV sale phaseout timetable¹,
 - (ii) Seeking comprehensive, scientifically-balanced Environmental and Economic Impact Assessments, and Cost-Benefit Analysis of Net Zero Emissions Policies
 - (iii) Re-appraisal of the legislation accordingly
- Visit <https://www.theministryoftruth.co.uk> and join the campaign to reverse these ill-conceived policies.

¹See the independent Fairfuel/APPG & APPG/CEBR Reports (using government's own figures & methodology) on the cost of the ICEV phaseout here: <https://fairfueluk.com/APPG-FFUK/54/> & <https://fairfueluk.com/CEBR-2030-BAN/>

**Does the apparent political
indifference to evidence like
this worry you?**

**Then join the Alliance of
British Drivers *NOW*.**

For what does the ABD stand?

Sense on the environment:

Publicising the truth about air pollution and climate change

Freedom to use your car:

Fairer disposition of motoring taxes

An end to motorway and urban road pricing proposals

Exposing disguised anti-mobility policies

Real Road Safety improvements:

Better driver training

Realistic (85th percentile) speed limits and discretionary enforcement

An end to fixed-, mobile- & ToD speed camera abuses

An advisory motorway speed limit of not less than 80mph

Do you want a fair share of transport investment for motorists and an end to punitive road user taxation?

**Are you in favour of effective road traffic laws,
sensibly enforced?**

**Do you think road user education makes for better
road safety than road user intimidation?**

Then join the Alliance of British Drivers NOW.

Contact the Alliance of British Drivers at:

**P.O. Box 1043,
Stockton-on-Tees,
TS19 1XG.
United Kingdom.**

Web site: <http://www.abd.org.uk>

ABD Alliance of British Drivers Driving Sense