

The Week That Was: 2024 06-08 (June 8, 2024)

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The Science and Environmental Policy Project

Quote of the Week: *“No government has the right to decide on the truth of scientific principles, or to prescribe in any way the character of the questions investigated.”* – Richard Feynman, *The Meaning of It All: Thoughts of a Citizen-Scientist* (1998)

Number of the Week: \$25 billion

THIS WEEK:

By Ken Haapala, President, Science and Environmental Policy Project (SEPP)

Scope: The primary focus of this TWTW is presenting the content of slides used in the Clauser presentation. First it will discuss misunderstandings arising from last week’s TWTW, then transcribe slides Clauser used in describing his cloud-thermostat model. Several posts will be briefly discussed, including how Roy Spencer double-checked his work on estimates of lower troposphere temperature trends. Stephen McIntyre discusses another hockey-stick. Renee Hannon has an essay on the strengths and limitations of proxy data in measuring temperature and CO2 concentrations, and Roger Caiazza has an essay exposing the lack of prior planning in the plan to implement New York State’s Climate Act.

The Clauser Presentation: TWTW was unable to find a transcript of the Clauser presentation and a link to the slides used which are rich in content. This was not an interpretation of what Clauser presented, but an accurate transcription (there may have been some small errors). The only interpretation is in the selection of slides, not in editing any content. As usual, TWTW comments are clearly enclosed in brackets.

For example, under the heading “What is the basic power-imbalance calculation? It is really quite simple” there are two slides starting about 15 minutes into the presentation. TWTW presented the first slide but not the second. Clauser uses the numbers presented by the Intergovernmental Panel on Climate Change (IPCC) power flow diagrams found in the Sixth Assessment Report (AR6, 2021) and the original sources. He shows that incorrect calculations are made, and error ranges are inappropriately rounded up.

In the second slide under the heading “What is the basic power-imbalance calculation?” he shows the correct calculation (not discussed in TWTW) which is when combining numbers with different error ranges, the error range of each is squared, then the squares are summed and the square root of the sum is taken. In the subsequent slide “The earliest data are reported by Stephens et al. (1981) and Ramanathan (1987)” Clauser shows the significant difference between his calculations (jfc calculation) and the calculations of Stephens and Ramanathan.

Clauser then asserts that when correct calculations are used: “Both Stephens et al and Ramanathan's data are fully consistent with net zero global warming and/or cooling.” **This is not to say that Clauser asserts that CO2 has no warming effect on temperatures, but merely**

that the IPCC did not demonstrate that it has an effect. The key power-flow diagrams, Wild (2019) and AR6 (2021) are shown about 29 minutes into the presentation.

See the video: <https://www.youtube.com/watch?v=zpcqzZliEag>

John Clauser III: Clauser's main assertion: The cloud thermostat is the dominant climate controlling mechanism. It starts about 34 minutes into the presentations with Part II – The cloud thermostat. The introduction was presented in last week's TWTW. Clauser presents "Features of the cloud thermostat mechanism." In the slide he asserts:

1. In preparation for the introduction of this model, I describe the important, underappreciated, but conspicuous properties of clouds – their variability and strong reflectivity of sunlight (SW radiation).
2. I show that the cloud-thermostat mechanism involves the dominant (73%) use of sunlight energy by the planet.
3. I show that when the cloud-thermostat mechanism is viewed as a form of climate stabilizing negative feedback, it is by far the most powerful of any such mechanism heretofore considered.
4. The IPCC estimates that the net stabilizing feedback strength of the Earth's climate including the destabilizing feedback strength of the greenhouses is about $-1 \text{ W/m}^2/\text{C}$.
5. I show that the cloud thermostat feedback increases the net natural stabilizing feedback strength to about anywhere between $-7 \text{ W/m}^2/\text{C}$ and $-14 \text{ W/m}^2/\text{C}$, depending on the assumptions used."

[This last assertion is the core of the argument. If he is correct, then Clauser has a clear explanation for the Little Ice Age. During that time, contemporary European observers and artists noted extreme cloudiness during a cold, wet period when crops did not ripen, and famine struck many countries. Good written records were kept in France, Britain, and Finland. Roman vineyards as far north as York, England, were wiped out and many strange diseases struck whole villages. HH Lamb discusses it at length in his book, **Climate, History, and the Modern World** (1982). The IPCC and global climate modelers ignore this extended cold period of hardship for humanity. Perhaps because it detracts from their preferred political message that all global warming is the result of human activity, and that it really started with the Industrial Revolution.

Further, Clauser assertion is consistent with Le Chatelier's principle that if a dynamic system is disturbed by changing conditions, the system shifts to counteract the disturbance. It dampens, reduces, the impact.]

Clauser gives multiple photos of Earth from space illuminated by the sun. Large parts of the blue marble are covered by clouds. Clauser then states:

"There are 5 important take-home messages gleaned from these satellite photographs:

1. Clouds reflect dramatically more sunlight than the rest of the planet does!
2. Clouds of all types appear bright white!
3. The photos (along with a large number of careful measurements) strongly suggest that the average cloud reflectivity (of sunlight) is about 0.8 – 0.9. (For comparison, white paper has a reflectivity of ~ [about] 0.99.) [Wild et al. (2019) claim that cloud reflectivity is 0.36.]
4. The rest of the planet appears much darker than the clouds. The average reflectivity of land (green and brown areas) and ocean (dark blue areas) is ~ 0.16.
5. Cloud coverage area is highly variable over the Earth.”

In the following slide Clauser asserts “Clouds cast dark shadows.

- Clouds cast dark sharply defined shadows on the surface below them. Just stand on a hillside or look down from an airplane on a partly cloudy day and watch the clouds shadows cast on the land below.
- Watch your solar-panel output when a solitary cloud passes in front of the sun. Typically, the output drops to 50% or less.
- Try reading a book indoors on a heavily overcast day without turning on the lights. You can't. It's too dark! Where did all the missing sunlight go? Since water droplets negligibly absorb sunlight, the missing sunlight (typically 80-90% of it) got reflected back to space.”

In the slide “What does sunlight mostly do when it reaches Earth surface?” Clauser wrote:

- “It is commonly believed that sunlight that is absorbed by the Earth's surface simply warms the surface. That may be true over land. But land represents only about 30% of the surface.
- Oceans cover 70% of the Earth's surface. Correspondingly, about 70% of incoming sunlight falls on the oceans. Virtually all the Earth's exposed water surface occurs in the oceans.
- Following the AR6 power-flow diagram, 160 W/m² is absorbed by the whole Earth, meaning that roughly 70% X 160 = 112 W/m² is absorbed by oceans.
- The AR6 power-flow diagram indicates that 82 W/m² is used for evaporating water and not for heating the surface.

- Since clouds are mostly produced over the oceans (because that's where the exposed water is), then $82/112 = 73\%$ of the input energy absorbed by Earth's oceans is used, not for warming the Earth, but instead simply for making clouds."

Under "Satellite observations of cloud-cover fraction by King et al (2013)" Clauser shows a graph titled "Spatial and Temporal Distribution of Clouds Observed by MODIS Onboard the Terra and Aqua Satellites." In a sidebar Clauser writes:

- "King *et al.* (2013) analyzed more than 12 years of data from the CERES terra and Aqua sun-synchronous satellites, and measured the daytime fractional cloud cover, over ocean, land, and combined.
- I have added Outgoing (reflected sunlight) SW power scales, assuming a constant solar input power, 340 W/m²."

About 43 minutes into the presentation, Clauser then introduces the three slides titled: "My cloud thermostat model – how does it work?"

1. Recall that the IPCC's AR6 power-flow map asserts that 73% of the input energy absorbed by the Earth's oceans is used, not for warming the Earth, but instead simply for evaporating seawater and making clouds, rather than for raising the Earth's surface temperature. Recall that Earth has a strongly varying cloud cover and albedo.
2. Temperature control of the Earth's surface by this mechanism works exactly the same way as does a common home thermostat. A thermostat automatically corrects a structure's temperature in the presence of varying modest heat leaks. **For earth, the presence of significant CO₂ in the earth's atmosphere, manmade or not, provides, in fact, a very small heat leak (at most, about 2 W/m²).** Note that, just like the Earth, the power imbalance for a thermostatically controlled system is never zero. It is always fully heating or fully cooling.
[Boldface added, note that Clauser is discussing a fully automatic thermostat, not one that must be adjusted to either heat or cool.]
3. How does the cloud thermostat work? When the Earth's cloud-cover fraction is too high, then the earth's surface temperature is too low. Why? Clouds produce shadows. Cloudy days are cooler than sunny days. A high cloud-cover fraction equals a highly shadowed area. With reduced sunlight reaching the ocean's surface and lower temperature, the evaporation rate of seawater is reduced. The cloud production rate over ocean (70% of the earth) is low because sunlight is needed to evaporate seawater. The earth's too-high cloud-cover fraction obediently starts to decrease. Very quickly, cloud-cover fraction decreases, the temperature increases. The Earth's cloud-cover fraction is no longer too high. Equilibrium cloud cover and temperature are restored.
4. When the Earth's cloud-cover fraction is too low, the surface temperature is then too high, then the reverse process occurs. With low cloud cover, lots of sunlight reaches the ocean surface. Increased sunlit area then evaporates more seawater. The cloud-production

rate obediently increases, and the cloud cover is no longer too low. Equilibrium cloud cover and temperature are again restored.

5. **Depending on one's assumption regarding cloud reflectivity (albedo), the cloud thermostat mechanism has anywhere between 18 and 55 W/m² power available from cloud-fraction variability to overcome a wimpy 0.7 W/m² heat leak (allegedly blamed on greenhouse gasses) and to stabilize the Earth's temperature no matter what the greenhouse gas atmospheric concentration is! [Emphasis in original]**
6. These two fluctuating opposing processes, when in equilibrium, provide an equilibrium cloud-cover fraction, and an equilibrium average temperature. The earth thus has a built-in thermostat!"

About 28 minutes into the presentation Clauser presents an "Analysis of the atmospheric feedback system" in which he writes:

1. "The IPCC's second sacred task was to estimate the so-called feedback stability of the Earth's atmosphere and its sensitivity to external perturbations, such as increased greenhouse gasses, volcanism, etc.
2. Given huge observed fluctuation in Outgoing power, the Earth obviously maintains a surprising stable long-term temperature. Why?
3. Climate scientists have proposed the existence of a variety of feedback mechanisms that account for the evident stability.
4. Climate feedback systems are discussed extensively by the 2003 National Research Council / National Academy report "*Understanding Climate Change Feedbacks*", by Sherwood et al. (2020 – the Ringsberg Castle study), and by AR6 (2021, Chapter 7.4).
5. The detailed calculation methodology used by Sherwood *et al.* (2020) is outlined in Appendix C.
6. By removing one of Sherwood *et al.* (2020)'s overly restrictive assumption, their methodology becomes applicable to the cloud thermostat mechanism, as is shown in Appendix D."

In the slide titled "Feedback strength of the cloud thermostat model" Clauser writes:

1. "The resulting cloud-thermostat mechanism's feedback parameter is not readily evaluated under two scenarios associated with two choices for cloud albedo. The details of the calculation are shown in Appendix D.
2. Using the AR6 choice for cloud albedo $\alpha_{\text{Clouds}} = 0.36$, we have $\lambda_{\text{Clouds}} \approx -7.7 \text{ W/m}^2\text{K}$, which is 1.7 times larger than (the misnamed) λ_{Planck} , heretofore the strongest feedback term.

3. Alternatively, using the more reasonable choice for cloud albedo, $\alpha_{\text{Clouds}} = 0.8$, we have $\lambda_{\text{Clouds}} \approx -12.7 \text{ W/m}^2\text{K}$, which is 3.8 times larger than (the misnamed) λ_{Planck}
4. These values are plotted as an extension of the AR6 Figure 7.1, which shows the feedback strength for the various mechanisms. The total system strength is shown in the left-hand column.
5. Viewed as a temperature-control feedback mechanism, in either scenario, the cloud thermostat has the strongest negative (stabilizing) feedback of any mechanism heretofore considered.
6. It very powerfully controls and stabilizes the Earth's climate and temperature."

[Clauser gives graphs and additional arguments demonstrating the difference between the IPCC estimates and his calculations. The "(the misnamed) λ_{Planck} ," refers to the Stefan-Boltzmann law rather than the Planck curve which came some 20 years after the Stefan-Boltzmann law.]

Clauser then states his Conclusions:

1. "I have introduced here the cloud-thermostat mechanism. It is clearly the overwhelmingly dominant climate controlling feedback mechanism that controls, stabilizes, the Earth's climate and temperature. It thereby prevents global warming and climate change.
2. The IPCC's 2021 AR6 report (p.978) claims that climate stabilizing natural feedback mechanisms have a net (total) stabilizing strength of $-1.16 \pm 0.6 \text{ W/m}^2\text{K}$. My cloud feedback mechanism has a net stabilizing strength of anywhere between -5.7 to $-12.7 \text{ W/m}^2\text{K}$, depending on one's assumptions regarding the albedo of clouds.
3. My cloud thermostat mechanism provides nature's own Solar Radiation Management System. The mechanism already exists. It is built into nature's own cloud factory. It works very well to stabilize the Earth's temperature on a long-term basis. And it is free!

In the slide titled "Recommendations for policy makers" Clauser states:

1. "There is no climate crisis! There is, however, a very real problem with providing a decent standard of living to the world's now enormous population. There is indeed an energy shortage crisis. The latter is being unnecessarily exacerbated by what, in my opinion, is incorrect science, and by the government's associated incorrect muddled response to it.
2. Government and business are currently needlessly spending trillions of dollars on efforts to limit the greenhouse gases, CO₂ and CH₄ [methane], in the Earth's atmosphere.

3. CO2 and CH4 are not pollutants. They must be removed from every list of defined pollutants. They have a negligible effect on the climate. Trillions of dollars can be saved by this one simple measure alone! Additionally, the CO2 Coalition points out that atmospheric CO2 is actually beneficial.
4. I recommend that all efforts to limit environmental carbon should be terminated immediately! Trillions of dollars can be saved by eliminating carbon caps, carbon credits, carbon sequestration, carbon footprints, zero-carbon targets, carbon taxes, anti-carbon policies and fossil-fuel limits, in energy policy and elsewhere.
5. Government requirements and subsidies for electric vehicles, all electric power, solar and wind power, etc. should all be eliminated.
6. Geoengineering programs to reduce global warming should be cancelled.
7. To paraphrase (and update for inflation) the late Sen. Everett Dirksen's 1969 comment about the Vietnam war and Apollo programs and redirect it to the IPCC's anti-carbon policies – 'A trillion *here*, a trillion *there*, and pretty soon you're talking real money.'

This concludes TWTW's efforts to reproduce key parts of the Clauser presentation. In the last minutes of his presentation, Clauser gives a series of appendices showing definition, assumptions, power-flow map data, and analyses; which TWTW encourages interested readers to review. See link under Challenging the Orthodoxy.

Double Checking: Like most thorough scientists Roy Spencer double-checks his work. He posted his recent double-checking on his website. In his work, he verifies lower troposphere data calculations with other data calculations. See links under Measurement Issues – Atmosphere for this work and the latest UAH Global Temperature update.

Hockey Stick Again: Stephen McIntyre exposed another "hockey stick." He writes:

"As discussed in previous article, Esper et al (2024) link, the newest hockey stick diagram, asserted that 2023 was the 'warmest summer' in millennia by an updated version of 'Mike's Nature trick' – by comparing 2023 instrumental temperature to purported confidence intervals of temperature estimates from 'ancient tree rings' for the past two millennia. In today's article, I will report on detective work on Esper's calculations, showing that the article is not merely a trick, but a joke."

See link under Challenging the Orthodoxy.

Measuring CO2: We have no way of directly measuring historic CO2 and temperature trends and must rely on proxy data. All proxy data have limitations that must be considered. For example, TWTW believes that certain marine sediments formed by organisms living at or near the surface of the oceans which die and fall as marine snow, eventually becoming chalk, limestone, etc., provide the best proxy data covering the past 65 million years or so for both temperatures and CO2 concentrations. The organisms evolved about 65 million years ago and are

still live today. So, their life cycles can be studied today. Since these sediments form slowly, these proxy data are not suitable for year to year or even century to century comparisons, only for long-term trends.

Similarly, ice core data and plant stomata (small pores on the leaf surface that allow for exchange of gases such as the intake of CO₂ and the loss of water) have limitations that must be considered. Writing for the CO₂ Coalition, geoscientist Renee Hannon gives a good account of the strengths and limitations of using both proxies. See link under Challenging the Orthodoxy.

63 Years? Retired utility metrologist Roger Caiazza writes on the poor prior planning being used in the New York State's Implementation Plan under the New York Climate Act. The grid serving New York is already fragile. It is being made more so by the insistence that wind and solar be added to "fight" the non-existent "climate crisis." In WUWT Caiazza writes:

"I cannot imagine a business case for the deployment of energy storage or the magical dispatchable emissions free resource that will only be needed once in 63 years. For one thing, the life expectancy of these technologies is much less than 63 years. Even over a shorter horizon such as the last ten years, how will a required facility be able to stay solvent when it runs so rarely without subsidies and very high payments when they do run.

I have long argued that New York should perform a feasibility study to determine if the net-zero outline to comply with the Climate Act in the Scoping Plan could possibly work. Francis Menton has convinced me that it would be better to do a demonstration project in some smaller jurisdiction to prove that it can work. The described tradeoff between the practicality of deploying resources for the observed worst-case resource deficit and the necessity to do so to prevent a catastrophic blackout should be a key consideration in either workability evaluation."

See link under Alternative, Green ("Clean") Solar and Wind

DDP 2024: The 42nd Annual Meeting of Doctors for Disaster Preparedness is scheduled for July 5-7, 2024, in El Paso, Texas. The speakers include a number of outstanding scientists such as John Clauser, the 2022 Nobel Laureate in Physics for contribution to the foundations of quantum mechanics; Stephen McIntyre and Ross McKittrick, recipients of the 2023 Fredrick Seitz award by SEPP for upholding integrity in using the scientific method; Willie Soon, Michael Connolly, and Ronan Connolly of the Center for Environmental Research & Earth Science (CERES); and Patrick Moore, former Greenpeace co-founder. See link under Challenging the Orthodoxy.

April Fools Award: TWTW intends to announce the winner of the 2024 April Fools award at the July 5 meeting of the DDP. Please submit your nominee by June 30.

Number of the Week: \$25 billion

In arguing for the development of nuclear produced hydrogen to make a net zero fuel, Robert Hargraves reveals that under the misnamed Inflation Reduction Act and the Infrastructure Act, the Department of Energy has \$25 billion to spend on removing carbon dioxide from the atmosphere. Yet, carbon dioxide is essential for photosynthesis and all complex life on Earth.

Reducing it could well result in major reductions of farm productivity and mass starvation both in the USA and world-wide at scales never even imagined.

Further, the Department of Energy seems blissfully unaware of the increasingly fragile nature of the US grid, made more fragile by adding wind and solar into the mix. It would be better to spend a small fraction of \$25 billion on a demonstration project showing how wind and solar plus storage can deliver reliable, affordable electricity. Perhaps Washington is afraid of the results of such a study. See links under Carbon Schemes.

NEWS YOU CAN USE:

Censorship

UN Chief Calls For Governments To Censor Fossil Fuel Advertisements

By Owen Klinksy, Daily Caller, June 5, 2024

<https://dailycaller.com/2024/06/05/un-chief-calls-governments-censor-fossil-fuel-advertisements/>

‘Climate Justice’ Now Requires Edinburgh City Council to Ban Ads Tempting Locals to Go on a Cruise

By Chris Morrison, The Daily Sceptic, June 2, 2024

<https://dailysceptic.org/2024/06/02/climate-justice-now-requires-edinburgh-city-council-to-ban-ads-tempting-locals-to-go-on-a-cruise/>

Challenging the Orthodoxy -- NIPCC

Climate Change Reconsidered II: Physical Science

Idso, Carter, and Singer, Lead Authors/Editors, Nongovernmental International Panel on Climate Change (NIPCC), 2013

<https://www.heartland.org/media-library/pdfs/CCR-II/CCR-II-Full.pdf>

Summary: <https://www.heartland.org/template-assets/documents/CCR/CCR-II/Summary-for-Policymakers.pdf>

Climate Change Reconsidered II: Biological Impacts

Idso, Idso, Carter, and Singer, Lead Authors/Editors, Nongovernmental International Panel on Climate Change (NIPCC), 2014

<http://climatechangereconsidered.org/climate-change-reconsidered-ii-biological-impacts/>

Climate Change Reconsidered II: Fossil Fuels

By Multiple Authors, Bezdek, Idso, Legates, and Singer eds., Nongovernmental International Panel on Climate Change, April 2019

<http://climatechangereconsidered.org/climate-change-reconsidered-ii-fossil-fuels/>

Why Scientists Disagree About Global Warming

The NIPCC Report on the Scientific Consensus

By Craig D. Idso, Robert M. Carter, and S. Fred Singer, Nongovernmental International Panel on Climate Change (NIPCC), Nov 23, 2015

<http://climatechangereconsidered.org/why-scientists-disagree-about-global-warming/>

Nature, Not Human Activity, Rules the Climate

S. Fred Singer, Editor, NIPCC, 2008

http://www.sepp.org/publications/nipcc_final.pdf

Challenging the Orthodoxy – Radiation Transfer

The Role of Greenhouse Gases in Energy Transfer in the Earth's Atmosphere

By W.A. van Wijngaarden and W. Happer, Preprint, Mar 3, 2023

<https://co2coalition.org/wp-content/uploads/2023/11/The-Role-of-Greenhouse-Gases-in-Energy-Transfer-in-the-Earths-Atmosphere.pdf>

Challenging the Orthodoxy

The cloud thermostat is the dominant climate controlling mechanism

Video by Nobel Laureate John F Clauser, Irish Climate Science Forum & Climate Intelligence, May 8, 2024

<https://www.youtube.com/watch?v=zpcqzZliEag>

Reconstructing the Esper Reconstruction

By Stephen McIntyre, Climate Audit, Jun 2, 2024

<https://climateaudit.org/2024/06/02/tracing-the-esper-confidence-intervals/>

Measurement of CO2 Concentrations Through Time

By Renee Hannon, CO2 Coalition, June 2024

<https://co2coalition.org/wp-content/uploads/2024/06/Measurement-of-CO2-Concentrations-Through-Time-2024-June.pdf>

New study confirms GWPF reports on declining climate disasters

By Paul Homewood, Not a Lot of People Know That, June 7, 2024

<https://notalotofpeopleknowthat.wordpress.com/2024/06/06/new-study-confirms-gwgf-reports-on-declining-climate-disasters/>

Link to: Is the number of global natural disasters increasing?

By Gianluca Alimonti & Luigi Mariani, Environmental Hazards, Aug 7, 2023

https://www.tandfonline.com/doi/full/10.1080/17477891.2023.2239807?mc_cid=b29f845c02&mc_eid=4961da7cb1

Fooled On Climate and Energy by UN Lobbyists

By John McLean, WUWT, June 3, 2024

<https://wattsupwiththat.com/2024/06/03/fooled-on-climate-and-energy-by-un-lobbyists/>

Most people probably believe that the IPCC and UNFCCC are honest UN agencies with great integrity. In effect, the IPCC is a lobbying coordinator and publicizer, and the UNFCCC is taking the IPCC's lobbying and trying to pressure governments into political decisions, with both agencies using the might of the UN's media machine to further their aims.

The Claim 'Exxon Knew' Their Products Induced 'Catastrophic Climate Impacts' In The 1970s Is Bunk

By Kenneth Richard, No Tricks Zone, June 4, 2024

<https://notrickszone.com/2024/06/04/the-claim-exxon-knew-their-products-induced-catastrophic-climate-impacts-in-the-1970s-is-bunk/>

ClimateMovie: the 2-minute version

By John Robson, Climate Discussion Nexus, June 5, 2024

<https://climatediscussionnexus.com/2024/06/05/climate-movie-the-2-minute-version/>

At some point these “scientists who are so alarmed” need to step up and acknowledge that 42 years later reality didn’t live up to their computer-generated expectations.

Defending the Orthodoxy

Earth warming at record rate, researchers say

By Miranda Nazzaro, The Hill, June 5, 2024

<https://thehill.com/policy/energy-environment/4705059-earth-global-warming-record-climate-change/>

Link to report: Indicators of Global Climate Change 2023: annual update of key indicators of the state of the climate system and human influence

By Piers M. Forster, et al., Earth System Science Data, 2024

<https://essd.copernicus.org/articles/16/2625/2024/essd-16-2625-2024.pdf>

From the Abstract: We follow methods as close as possible to those used in the IPCC Sixth Assessment Report (AR6) Working Group One (WGI) report.

The indicators show that, for the 2014–2023 decade average, observed warming was 1.19 [1.06 to 1.30] °C, of which 1.19 [1.0 to 1.4] °C was human-induced.

[SEPP Comment: According to UAH, the decadal average atmosphere increase is 0.15C for the full record since January 1979. So, we have much more surface warming than atmospheric warming. It must come from something else than CO2.]

UN Chief says ban Fossil Fuel Adverts to cool world (Whatever you do, don’t let the people see how useful fossil fuels are!)

By Jo Nova, Her Blog, June 6, 2024

<https://joannenova.com.au/2024/06/un-chief-says-ban-fossil-fuel-adverts-to-cool-world-whatever-you-do-dont-let-the-people-see-how-useful-fossil-fuels-are/>

World Economic Forum Welcomes Our New Climate Activist AI Overlords

By Eric Worrall, WUWT, June 3, 2024

<https://wattsupwiththat.com/2024/06/03/world-economic-forum-welcomes-our-new-climate-activist-ai-overlords/>

[SEPP Comment: More nonsense from the WEF.]

The WEF Denies Demanding the Arrest of Climate Deniers

By Eric Worrall, WUWT, June 7, 2024

<https://wattsupwiththat.com/2024/06/07/world-economic-forum-denies-demanding-the-arrest-of-climate-deniers/>

Widely used climate theory doesn't 'ring' true, according to new tree data

Press Release, NSF, June 3, 2024

https://new.nsf.gov/news/widely-used-climate-theory-doesnt-ring-true?utm_medium=email&utm_source=govdelivery

Link to paper: **Tree rings reveal the transient risk of extinction hidden inside climate envelope forecasts**

By Margaret E. K. Evans, et al., PNAS, June 3, 2024

<https://www.pnas.org/doi/10.1073/pnas.2315700121>

From press release: “Instead of half the distribution benefiting from warming, all trees at all sampled locations suffer with warming. Without evolutionary change of individual-scale climate tolerances, common piñon faces a risk of extinction as the climate warms.”

[SEPP Comment: Given that the boreal forests were much further north than today about 6,000 to 10,000 years ago when it warmer that today, doubt the conclusions in a study which fails to distinguish between “climate change” and increasing CO2. “Climate change” is not defined. The sample is limited to arid land pine (Pinus edulis) which grows in high deserts, such as in Afghanistan. The NSF press release misleads the public.]

Defending the Orthodoxy – Bandwagon Science

Even climate deniers can’t hide from climate change

By William Becker, The Hill, June 3, 2024

<https://thehill.com/opinion/energy-environment/4697519-even-climate-deniers-cant-hide-from-climate-change/>

“William S. Becker is a former regional director at the U.S. Department of Energy and author of several books on climate change and national disaster policies, including the ‘100-Day Action Plan to Save the Planet’ and ‘The Creeks Will Rise: People Co-Existing with Floods.’”

[SEPP Comment: Relies on the false claim of increasing weather disasters by NOAA, led by former administrator Jane Lubchenco and Tom Karl.]

Questioning the Orthodoxy

“Bonus” Gets it wrong about May and Crok, 2024

By Andy May, WUWT, June 1, 2024

<https://wattsupwiththat.com/2024/06/01/bonus-gets-it-wrong-about-may-and-crok-2024/>

Alarmist Scientists’ Schizophrenia Has Corrupted the Conclusions by Early Climate Science Greats.

By Jim Steele, WUWT, June 2, 2024

<https://wattsupwiththat.com/2024/06/02/alarmist-scientists-schizophrenia-has-corrupted-the-conclusions-by-early-climate-science-greats/>

Why in the sky

By John Robson, Climate Discussion Nexus, June 5, 2024

<https://climatediscussionnexus.com/2024/06/05/why-in-the-sky/>

Almost All Recent Global Warming Caused by Green Air Policies – Shock Revelation From NASA

By Chris Morrison, The Daily Sceptic, June 4, 2024

<https://dailysceptic.org/2024/06/04/almost-all-recent-global-warming-caused-by-green-air-policies-shock-revelation-from-nasa/>

[SEPP Comment: Uses a highly questionable assumption: the drop in maritime cloudiness is the result of a drop in aerosols emitted by ships shifting from high sulfur fuels.]

Oops...Cleaner Fuels Mean Less Clouds, More Warming!

By P Gosselin, No Tricks Zone, June 1, 2024

<https://notrickszone.com/2024/06/01/oops-cleaner-fuels-mean-less-clouds-more-warming/>

Conspiracy Theory!

By Tony Heller, His Blog, June 2, 2024

<https://realclimatescience.com/2024/06/conspiracy-theory-3/#gsc.tab=0>

Video: Is it conspiracy or fraud?

Problems in the Orthodoxy

AI Takes Top Spot – Climate Change in 4th Place at This Year’s Bilderberg Meeting

By Eric Worrall, WUWT, June 3, 2024

<https://wattsupwiththat.com/2024/06/03/climate-change-demoted-to-4th-place-at-this-years-bilderberg-meeting/>

[SEPP Comment: How to generate the reliable, affordably electricity AI needs?]

Seeking a Common Ground

Scientific integrity and U.S. “Billion Dollar Disasters”

A high-profile opportunity for self-correction in climate science and policy

By Roger Pielke, Jr. His Blog, June 3, 2024 [H/t William Readdy]

https://rogerpielkejr.substack.com/p/scientific-integrity-and-us-billion?publication_id=119454&utm_campaign=email-post-title&r=1gjb0i&utm_medium=email

Link to paper: **Scientific integrity and U.S. “Billion Dollar Disasters.**

By Roger Pielke, Jr., npj Natural Hazards, June 3, 2024

<https://www.nature.com/articles/s44304-024-00011-0>

From abstract: This paper performs an evaluation of the dataset under criteria of procedure and substance defined under NOAA’s Information Quality and Scientific Integrity policies. The evaluation finds that the “billion-dollar disaster” dataset falls short of meeting these criteria. Thus, public claims promoted by NOAA associated with the dataset and its significance are flawed and at times misleading.

Big Science, the Enemy of Great Science

By Rafe Champion, Quadrant, June 5, 2024

<https://quadrant.org.au/opinion/science/2024/06/big-science-the-enemy-of-great-science/>

In the 1950s Popper was horrified by the growing role of government in science, inspired by the example of the Manhattan Project to develop the atom bomb. He feared for the future of Great Science as a result of Big Science in the service of politicians. He saw the danger of too much money chasing too few ideas, the publication explosion (good buried under bad) and the distortion of incentives by the pressure to obtain grants for fashionable and politically “hot” topics.

Opportunities for Better Rainfall Forecasts, & AI

By Jennefer Marohasy, Her Blog, June 8, 2024

<https://jennifermarohasy.com/2024/06/opportunities-for-better-rainfall-forecasts-ai/>

Science, Policy, and Evidence

Canada's climate tyranny growing; America is not far behind

By Peter Murphy, CFACT, May 31, 2024

<https://www.cfact.org/2024/05/31/canadas-climate-tyranny-growing-america-is-not-far-behind/>

Pants on fire

By John Robson, Climate Discussion Nexus, June 5, 2024

<https://climatediscussionnexus.com/2024/06/05/pants-on-fire/>

Justin Trudeau says Canada is on fire. That no one in Canada had noticed the flames only proves that climate change can do anything including burn invisibly... or that alarmists have reached a tipping point where they no longer need evidence.

Models v. Observations

All things Equal

By Andy May, WUWT, June 4, 2024

<https://wattsupwiththat.com/2024/06/04/all-things-equal/>

Measurement Issues -- Surface

Comparing Temperatures: Past and Present

By (call me Stephen), WUWT, June 1, 2024

<https://wattsupwiththat.com/2024/06/01/comparing-temperatures-past-and-present/>

Earth hits full year of back-to-back monthly heat records

By Flip Timotija, The Hill, June 5, 2024

<https://thehill.com/policy/energy-environment/4705741-earth-hits-full-year-of-back-to-back-monthly-heat-records/>

[SEPP Comment: Not in the US which has the best records of any large country in the world which are maintained by state climatologists, not NOAA.]

Neatishead

By Paul Homewood, Not a Lot of People Know That, June 6, 2024

<https://notalotofpeopleknowthat.wordpress.com/2024/06/06/neatishead/>

I mentioned the Met Office station at Neatishead the other day, which had set the highest temperature in the UK one day last week.

Ray Sanders has found out that it has only been operational since December 2022, and has been trying to find out its WMO classification. The Met Office has steadfastly refused, asking him why he wants to know.

Such an arrogant attitude from a publicly funded organisation is utterly unacceptable, and one can only wonder what they are trying to hide. Ray has now submitted an official FOI, which they cannot legitimately refuse.

Measurement Issues -- Atmosphere

UAH Global Temperature Update for May 2024: +0.90 deg. C

By Roy Spencer, His Blog, June 4, 2024

<https://www.drroyspencer.com/2024/06/uah-global-temperature-update-for-may-2024-0-90-deg-c/>

The linear warming trend since January 1979 remains at +0.15 C/decade (+0.13 C/decade over the global-averaged oceans, and +0.20 C/decade over global-averaged land).

UAH Upper Tropospheric Temperatures Corroborate LT Temperature Trends

By Roy Spencer, His Blog, June 7, 2024

<https://www.drroyspencer.com/2024/06/uah-upper-tropospheric-temperatures-corroborate-lt-temperature-trends/>

Changing Weather

We are not helpless in the face of climate change.

If we bring the right people to the table and think outside the box, we can reduce insurance rates, bring down heat levels within our city, put our youth to work, have strong roofs, dry streets, cooler neighborhoods and be a national leader in climate adaptation.

By Arthur Hunter, The Lens, May 28, 2024

<https://thelensnola.org/2024/05/28/we-are-not-helpless-in-the-face-of-climate-change/>

As we enter hurricane season, we need to talk about climate change. But it needs to be more than mere talk and debates.

[SEPP Comment: Extreme weather events are not increasing, however the author's suggestions for New Orleans to adapt to extreme weather events is practical.]

Changing Climate

New Study: Western Greenland Was '1.5-2°C Warmer Than Today' During Medieval Warm Period

By Kenneth Richard, No Tricks Zone, June 6, 2024

<https://notrickszone.com/2024/06/06/new-study-western-greenland-was-1-5-2c-warmer-than-today-during-medieval-warm-period/>

Link to paper: **Two millennia of climate change, wildfires, and caribou hunting in west Greenland**

By Astrid Strunk, et al. The Holocene,

<https://journals.sagepub.com/doi/pdf/10.1177/09596836241247301>

Changing Seas

Author Of New Paper: No AMOC Collapse...”Should Dissuade People From Climate Doomism”

By Frank Bosse, Via P Gosselin, No Tricks Zone, June 5, 2024

<https://notrickszone.com/2024/06/05/author-of-new-paper-no-amoc-collapse-should-dissuade-people-from-climate-doomism/>

The AMOC is the Atlantic overturning circulation.

Sea Surface Temperature Blues

By Willis Eschenbach, WUWT, June 5, 2024

<https://wattsupwiththat.com/2024/06/05/sea-surface-temperature-blues/>

Shore Acres Floods — of course it does

By Kip Hansen, WUWT, June 7, 2024

<https://wattsupwiththat.com/2024/06/07/shore-acres-floods-of-course-it-does/>

Florida is famous for its vices and one of them, just to pick one out of the oh-so-many, is Miami's Vice. Untold thousands of homes are built along the coasts of Florida within one to three feet of average high tide, with canals to bring the sea close to the homes – as in 'just there, across the backyard'.

Global Sea Levels are believed to be rising, on average, at a rate of about 1 foot (0.3 meters) per century as the Earth slowly warms up a bit out of the Little Ice Age, which ended sometime between 1750 and 1850 (opinions vary).

[SEPP Comment: Actually, the rate of rise has been quite constant for over four thousand years. See NIPCC, 2008, above.]

Changing Cryosphere – Land / Sea Ice

Antarctic ice expanding! New Study in journal Nature reveals '85 years of glacier growth & stability in East Antarctica' – 'Ice-sheet wide mass balance estimates start[ed] in late 1970s...have exhibited either an overall mass gain or been relative unchanged'

By Marc Morano, Climate Depot, May 31, 2024

<https://www.climatedepot.com/2024/05/31/antarctic-ice-expanding-new-study-in-journal-nature-reveals-85-years-of-glacier-growth-stability-in-east-antarctica/>

Link to paper: **Early aerial expedition photos reveal 85 years of glacier growth and stability in East Antarctica**

By Mads Dømggaard, et al., Nature Communications, May 25, 2024

<https://www.nature.com/articles/s41467-024-48886-x#auth-Amanda-Fleischer-Affl>

Our results demonstrate that the stability and growth in ice elevations observed in terrestrial basins over the past few decades are part of a trend spanning at least a century and highlight the importance of understanding long-term changes when interpreting current dynamics.

2,000 kilometers of East Antarctic glaciers don't look much different after 85 years and 1.6 trillion tons of carbon dioxide

By Jo Nova, Her Blog, June 3, 2024

<https://joannenova.com.au/2024/06/2000-kilometers-of-east-antarctic-glaciers-dont-look-much-different-after-85-years-and-1-6-trillion-tons-of-carbon-dioxide/>

A Norwegian whaler paid for 2,200 aerial photos of East Antarctica in 1937. Since then, humankind has emitted 91% of all the emissions we've ever produced and the world is facing an extinction level catastrophe and yet satellite photos show this 2,000 kilometer long section of East Antarctica hasn't changed — or at least, not in any way related to our uptake of coal power or planes, trains, air conditioners and cars. Basically the human race emitted 1,600 billion tons of carbon dioxide which was supposed to warm the poles twice as fast as anywhere else, but there is still nothing to see here.

Thirty years of propaganda won't die easily:

Giving Proper Credit

By Tony Heller, His Blog, June 4, 2024

<https://realclimatescience.com/2024/06/giving-proper-credit/#gsc.tab=0>

Arctic sea ice extent declined from 1979-2007, but since then the trend has been flat.

Arctic Ice Persists May 2024

By Ron Clutz, Science Matters, June 1, 2024

<https://rclutz.com/2024/06/01/arctic-ice-persists-may-2024/>

New data show Svalbard polar bears are fatter than they were in 1993 despite continued low sea ice

By Susan Crockford, Polar Bear Science, June 4, 2024

<https://polarbearscience.com/2024/06/04/new-data-show-svalbard-polar-bears-are-fatter-than-they-were-in-1993-despite-continued-low-sea-ice/>

Agriculture Issues & Fear of Famine

Reducing methane emissions from cows

By John Robson, Climate Discussion Nexus, June 5, 2024

<https://climatediscussionnexus.com/2024/06/05/reducing-methane-emissions-from-cows/>

From the CO2Science archive:

If one feels strongly about the (debatable) need to reduce greenhouse-gas emissions to the atmosphere, a good place to start is with the next most important greenhouse gas after carbon dioxide, i.e., methane (CH₄), each molecule of which has a global warming potential about 21 times greater than that of a CO₂ molecule.

[SEPP Comment: Robson forgets the most important greenhouse gas is water vapor, which greatly reduces the effect of methane on temperatures.]

Lowering Standards

IEA: Higher Energy Prices are Russia's Fault, Not Renewable Energy

By Eric Worrall, WUWT, June 1, 2024

<https://wattsupwiththat.com/2024/06/01/iea-higher-energy-prices-are-russias-fault-not-renewable-energy/>

Link to report: **Strategies for Affordable and Fair Clean Energy Transitions**

World Energy Outlook Special Report

By Staff, International Energy Agency, May 2024

<https://www.iea.org/reports/strategies-for-affordable-and-fair-clean-energy-transitions/executive-summary>

From report: A more electrified, renewables-rich and efficient system brings important gains for affordability, alongside the clear environmental benefits. When all costs of delivering energy are considered (e.g. operating expenses, the need to pay back previous investments, financing costs) the Net Zero Emissions by 2050 (NZE) Scenario's 1.5 °C pathway is less costly on a global basis than the Stated Policies Scenario (STEPS), which is based on today's policy settings.

The costs of inaction are huge.

[SEPP Comment: And the costs of inaction are largely imaginary!]

The Met Office is Gaslighting Us With its Claim that Our Damp and Chilly May Was "Warmest on Record"

By Ben Pile, The Daily Sceptic, June 6, 2024 [H/t Paul Homewood]

<https://dailysceptic.org/2024/06/06/the-met-office-is-gaslighting-us-with-its-claim-that-damp-and-chilly-may-was-the-hottest-ever/>

However, I was surprised to discover that data from the weather stations that are used in the Met Office's analysis are not available to the public at higher than monthly resolution.

That's a problem because in order to build an estimate of how useful minimum and maximum temperature data are, even in one location, never mind across an entire country, it would need to be compared to hourly data at a minimum. But not even daily data are available.

You might have thought that scientists and institutions that are so keen to tell us that their metric is so significant would be just as keen to make all of that data available to us. But you would be mistaken. The data is jealously guarded. It's not for public consumption. **We are supposed to take the good faith of institutional science for granted and are neither welcome nor even permitted to check for ourselves. 'Follow the science', means 'obey', not 'try to understand'. And that's what makes me – and, I hope, you – a sceptic.** [Boldface added]

Hottest May! Believe Us, Not Your Lying Eyes!

By Paul Homewood, Not a Lot of People Know That, June 4, 2024

<https://notalotofpeopleknowthat.wordpress.com/2024/06/04/hottest-may-believe-us-not-your-lying-eyes/>

Communicating Better to the Public – Use Yellow (Green) Journalism?

Carbon dioxide levels rising 'faster than ever' amid unprecedented heat: Report

By Saul Elbein, The Hill, June 6, 2024

<https://thehill.com/policy/energy-environment/4707515-carbon-dioxide-levels-record-increase-climate-change-heat-report/>

Link to article: **During Year of Extremes, Carbon Dioxide Levels Surge Faster than Ever**

By Robert Monroe, UC San Diego, June 6, 2024

<https://today.ucsd.edu/story/during-year-of-extremes-carbon-dioxide-levels-surge-faster-than-ever#:~:text=Levels%20measured%20at%20NOAA's%20Mauna,in%20NOAA's%2050%2Dyear%20record.>

May is historically the month when CO₂ reaches its highest level in the Northern Hemisphere. Levels measured at NOAA's Mauna Loa Atmospheric Baseline Observatory by NOAA's Global Monitoring Laboratory surged to a seasonal peak of just under 427 parts per million (426.90 ppm) in May. That's an increase of 2.9 ppm over May 2023, and the fifth-largest annual growth in NOAA's 50-year record.

Communicating Better to the Public – Exaggerate, or be Vague?

Beefing up the climate alarm

By John Robson, Climate Discussion Nexus, June 5, 2024

<https://climatediscussionnexus.com/2024/06/05/beefing-up-the-climate-alarm/>

So up to the early 1800s there were vast herds of methane-emitting buffalo comparable to today's herds of cattle. Yet the early 1800s was the end of the Little Ice Age, namely the coldest interval in the Northern Hemisphere in the previous 10,000 years.

Climate Headlines Claim, But IPCC Details Deny

By Ron Clutz, His Blog, June 3, 2024

<https://rclutz.com/2024/06/03/climate-headlines-claim-but-ipcc-details-deny/>

Many know of the Latin phrase "caveat emptor," meaning "Let the buyer beware".

When it comes to climate science, remember also "caveat lector"—"Let the reader beware".

Communicating Better to the Public – Make things up.

Global deaths and disasters down: UN shameless lies, up

By Jo Nova, Her Blog, June 7, 2024

<https://joannenova.com.au/2024/06/global-deaths-and-disasters-down-un-shameless-lies-up/>

Hockey Match

By Tony Heller, His Blog, June 5, 2024

Video <https://realclimatescience.com/2024/06/hockey-match-2/#gsc.tab=0>

Text: <https://realclimatescience.com/2024/06/hockey-match/#gsc.tab=0>

On climate you can say just anything

By John Robson, Climate Discussion Nexus, June 5, 2024

<https://climatediscussionnexus.com/2024/06/05/on-climate-you-can-say-just-anything/>

Communicating Better to the Public – Do a Poll?

Half Of German E-Car Buyers Regret Their Purchase Or Lease!

By P Gosselin, No Tricks Zone, June 2, 2024

<https://notrickszone.com/2024/06/02/half-of-german-e-car-buyers-regret-their-purchase-or-lease/>

Communicating Better to the Public – Go Personal.

Aussie Government Grudgingly Retreats from Dictating Content Moderation to the Entire World

By Eric Worrall, WUWT, June 5, 2024

<https://wattsupwiththat.com/2024/06/05/aussie-government-grudgingly-retreats-from-dictating-content-moderation-to-the-entire-world/>

[SEPP Comment: Elon Musk did not cower to the government regulator; therefore, he is evil?]

NZ government accused of “war on the nature” as it cuts \$100m environmental spending

By Jo Nova, Her Blog, June 1, 2024

<https://joannenova.com.au/2024/06/nz-government-accused-of-war-on-the-nature-as-it-cuts-100m-environmental-spending/>

The New Zealand government has been accused of waging a “war on nature” after it announced sweeping cuts to climate action projects, while making no significant new investments in environmental protection or climate crisis-related policy.

[SEPP Comment: Allowing carbon dioxide emissions that is causing the flourishing of green life is a war on nature?]

Communicating Better to the Public – Use Propaganda

More Agriculture, Supersized Fish, Best Dive Site – The Yongala

By Jennifere Marohasy, Her Blog, June 6, 2024

<https://jennifermarohasy.com/2024/06/more-agriculture-supersized-fish-best-dive-site-the-yongala/>

Misinformation abounds when it comes to the environment – and what makes it tick, especially at the Great Barrier Reef. There is this mantra, this insisting from some that there is no impact

from agriculture – while there is this mantra, this insisting from the mainstream institutions and most recently a Peta campaign that agriculture is killing the same Great Barrier Reef. Even closer to the mouth of the Burdekin River, in fact in the direct path of river flood plumes, is the Yongala – regularly listed as one of the best diving sites in the world.

Guardian withdraws cheap renewables claim

Press Release, Net Zero Watch, June 4, 2024

<https://www.netzerowatch.com/all-news/guardian-withdraws-cheap-renewables>

“The Guardian has been forced to withdraw an advertorial, paid for by National Grid, that purported to debunk ‘myths’ about clean energy. Energy writer David Turver, who had formulated a detailed rebuttal,[1] submitted complaints to both the Guardian and the Advertising Standards Authority (ASA).”

Having children in a climate-conscious world

By EHN Curators, May 30, 2024

<https://www.ehn.org/having-children-in-a-climate-conscious-world-2668403839.html>

“Climate anxiety is a normal, natural response to climate change. Let’s fight and solve climate change, and then you won’t have the thing to be anxious about.”

[SEPP Comment: Climate anxiety is a response to climate change propaganda!]

Expanding the Orthodoxy

UNFCCC Partners with Qlik to Drive Data-Driven Climate Action

By Staff, Globe Newswire, Via Morningstar.com, June 3, 2024 [H/t Dennis Ambler]

<https://www.morningstar.com/news/globe-newswire/9147099/unfccc-partners-with-qlik-to-drive-data-driven-climate-action>

Qlik®, a global leader in data integration, analytics, and artificial intelligence (AI), today announced an expanded partnership with the United Nations Framework Convention on Climate Change (UNFCCC). **This collaboration aims to enhance the UNFCCC’s ability to accelerate climate change negotiations, enabling a greater focus on data-informed action.**

[SEPP Comment: Spreading propaganda faster. The results of untested models are not data nor are unsubstantiated attribution claims.]

Questioning European Green

We Can Still Avoid the Net Zero Trap

By Kees de Lange and Guus Berkhout, Clintel, June 2024

<https://co2coalition.org/wp-content/uploads/2024/06/We-Can-Still-Avoid-the-Net-Zero-Trap.pdf>

Questioning Green Elsewhere

The inhumanity of the green agenda

The ‘sustainability’ regime is impoverishing the world.

By Joel Kotkin, Spiked, Apr 24, 2024 [H/t Ron Clutz]

<https://www.spiked-online.com/2023/04/24/the-inhumanity-of-the-green-agenda/>

US Ally’s Climate Fetish Could Decimate Key Industry For Natives In That Country

By Vijay Jayaraj, Daily Caller, June 1, 2024

<https://dailycaller.com/2024/06/01/vijay-jayaraj-us-allys-climate-fetish-could-decimate-key-industry-for-natives-in-that-country/>

Funding Issues

Call that science?

By John Robson, Climate Discussion Nexus, June 5, 2024

<https://climatediscussionnexus.com/2024/06/05/call-that-science/>

Conflicts of interest? Alarmists are quick to smear skeptics as in the pay of oil companies. But the real gravy train is tidal waves of government funding for research that confirms the orthodox narrative and almost exclusively that kind. It doesn't prove they're wrong, of course, or even that they're venal. But it is a massive issue and one that they do not disclose or discuss.

Not So Super Fund

By Staff, Government Accountability & Oversight.org, June 6, 2024

<https://govoversight.org/not-so-super-fund/>

Link to article: **Vermont Takes On Big Oil. Will Other States Follow?**

By Lee Wasserman, NYT, June 6, 2024

https://www.nytimes.com/2024/06/06/opinion/oil-climate-vermont.html?unlocked_article_code=1.xk0.ODjW.LF33PEoF_nsi&smid=url-share

Mr. Wasserman is the director of the Rockefeller Family Fund.

“The Rockefeller Family Fund, which I direct, has spent roughly \$200,000 since 2022 in support of environmental efforts in Vermont, including passage of the climate Superfund law.”

I Wouldn't Buy a Secondhand Car From Quentin Willson, Let Alone a Transport Policy

By Paul Homewood, Not a Lot of People Know That, June 1, 2024

<https://notalotofpeopleknowthat.wordpress.com/2024/06/01/i-wouldnt-buy-a-second-hand-car-from-quentin-willson-let-alone-a-transport-policy/>

“According to former motoring journalist, now Net Zero lobbyist, Quentin Willson, slow consumer take-up of EVs is due to ‘myths and misinformation’.

The ECF [European Climate Foundation which also funds many European pressure groups] was set up largely with money from **US far left foundations, such as Rockefeller, ClimateWorks, Bloomberg and the William & Flora Hewlett Foundation.** More money comes from the Grantham Foundation and CIFF.” [Boldface added.]

Labour's energy plan doesn't add up

By Paul Homewood, Not a Lot of People Know That, June 1, 2024

<https://notalotofpeopleknowthat.wordpress.com/2024/06/01/labours-energy-plan-doesnt-add-up/>

From: Labour's energy plan doesn't add up

By Ross Clark, The Spectator, May 31, 2024

<https://www.spectator.co.uk/article/labours-energy-plan-doesnt-add-up/>

Homewood: Carbon capture is even worse than Ross Clark thinks. The process is hopelessly energy inefficient, so it not only costs much more, but also needs even more of those fossil fuels Labour so despises.

Labour's Green Obsession Will Cost £18 Billion A Year

By Paul Homewood, Not a Lot of People Know That, June 7, 2024

<https://notalotofpeopleknowthat.wordpress.com/2024/06/07/labours-green-obsession-will-cost-18-billion-a-year/>

Link to: Make Britain a Clean Energy Superpower: To Cut Bills, Create Jobs and Deliver Security With Cheaper, Zero-Carbon Electricity By 2030, Accelerating to Net Zero

By Staff, Labour Party, 2024

<https://labour.org.uk/wp-content/uploads/2024/03/Make-Britain-a-Clean-Energy-Superpower.pdf>

Comment by Homewood: Meanwhile, Labour clearly has no plan for when the wind does not blow and the sun does not shine.

Starmer mocked for flying in private jet to launch party's clean energy plan

By Paul Homewood, Not a Lot of People Know That, June 1, 2024

<https://notalotofpeopleknowthat.wordpress.com/2024/06/01/starmer-mocked-for-flying-in-private-jet-to-launch-partys-clean-energy-plan/>

Keir Starmer is a UK political party leader.

Subsidies and Mandates Forever

Permanent Tax Subsidy? Solar's 15 extensions

By Robert Bradley Jr., Master Resource, June 4, 2024

<https://www.masterresource.org/solar-power-issues/permanent-subsidy-solars-itc-6-extensions/>

Energy Issues – Non-US

Britain's reliance on foreign energy is a national tragedy

By Paul Homewood, Not a Lot of People Know That, June 7, 2024

<https://notalotofpeopleknowthat.wordpress.com/2024/06/07/britains-reliance-on-foreign-energy-is-a-national-tragedy/>

Increasing reliance on electricity imports is the direct result of closing coal plants and making gas power plants economically unviable, while at the same time building ever more intermittent renewable capacity.

DESNZ Admit–We Will Need 50GW Of CCGT In 2035

By Paul Homewood, Not a Lot of People Know That, June 7, 2024

<https://notalotofpeopleknowthat.wordpress.com/2024/06/07/desnzs-admit-we-will-need-50gw-of-ccgt-in-2035/>

And nobody is going to build new plant, when they know the government of the day will shut it down a few years later.

It is clearer than ever that we now need an emergency program to build at least 30GW of new CCGT, as well as guaranteeing at least 15 years of operation/capacity market payments to all existing plants.

[SEPP Comment The response is from the Deputy Director, Strategy, Net Zero]

Energy Issues -- US

The renewable green energy disaster off the northeastern US is getting worse

By Paul Homewood, Not a Lot of People Know That, June 5, 2024

<https://notalotofpeopleknowthat.wordpress.com/2024/06/05/the-renewable-green-energy-disaster-off-the-northeastern-us-is-getting-worse/>

Addressing the Electricity Supply Strain in Texas

By Emily Arthun, Real Clear Energy, June 06, 2024

https://www.realclearenergy.org/articles/2024/06/06/addressing_the_electricity_supply_strain_in_texas_1036417.html

Nice work if you can get it

By John Robson, Climate Discussion Nexus, June 5, 2024

<https://climatediscussionnexus.com/2024/06/05/nice-work-if-you-can-get-it/>

Canary Media chirps that “Vermont is on the cusp of mandating 100% clean electricity by 2035. Which when translated from Zealotese to English says the state already can’t cover its energy needs from these fabled renewables, so it’s planning to increase its need for them while eliminating its backup option. What could go wrong?”

Washington’s Control of Energy

A Win for ‘Keep it in the Ground’

Coal mining in Wyoming will take a major hit as a result of a U.S. Department of Interior plan to cease future leasing of coal mines in the nation's most productive coal mining basin. The decision casts a spotlight on the presidential election.

By Irvin Dawid, Planetizen, June 4, 2024

<https://www.planetizen.com/blogs/129086-win-keep-it-ground>

[SEPP Comment: A win for greens, a loss for US prosperity.]

Transportation Department issues final fuel economy rule for model years 2027-31

By Zack Budryk, The Hill, June 7, 2024

<https://thehill.com/policy/energy-environment/4710604-transportation-department-issues-final-fuel-economy-rule-for-model-years-2027-2031/>

On the environmental policy side, the Center for Biological Diversity’s Safe Climate Transport Campaign criticized the final rule as allowing too much pollution and eschewing its own most stringent option, which would have improved car efficiency by about 6 percent annually and light trucks by 8 percent.

[SEPP Comment: The Center for Biological Diversity calls carbon dioxide a pollutant and is opposed to carbon dioxide increasing photosynthesis which is causing a flourishing of life?]

Alternative, Green (“Clean”) Solar and Wind

Wind and Solar Resource Availability Fatal Flaw

By Roger Caiazza, WUWT, June 4, 2024

<https://wattsupwiththat.com/2024/06/04/wind-and-solar-resource-availability-fatal-flaw/>

Wind industry aims to influence Euro-elections

By John Constable, Net Zero Watch, June 6, 2024

<https://www.netzerowatch.com/all-news/wind-industry-electioneering>

A trade lobby has no business engaging in political activity of this kind, and they must know this.

Freedom advocates are the Right Whale’s best hope

By David Wojick, CFACT, June 3, 2024

<https://www.cfact.org/2024/06/03/freedom-advocates-are-the-right-whales-best-hope/>

The North Atlantic Right Whale Consortium (NARWC) has long been the leading advocate for their namesake whales. They do lots of research and have promoted both reduced ship speeds and so-called “ropeless” fishing as ways to save the endangered North Atlantic Right Whale. Sadly, when it come to offshore wind they look to have abandoned the whales in favor of green nirvana.

Industrial Wind Power: A Depleting Resource?

By Robeert Bradley Jr., Master Resource, June 6, 2024

<https://www.masterresource.org/wind-siting-issues/industrial-wind-depleting-resource/>

Alternative, Green (“Clean”) Energy -- Other

New map shows vast potential for geothermal energy beneath entire US

By Saul Elbein, The Hill, June 4, 2024

<https://thehill.com/policy/energy-environment/4703057-geothermal-energy-potential-beneath-western-eastern-us-map/>

Link to: **The Geothermal Exploration Opportunities Map Beta (GeoMap™)**

By Staff, GeoMap, 2023

<https://geomap.projectinnerspace.org/map-selection/>

From article: But it also shows other data demand hot spots where new or existing data centers could defray their electricity costs by dumping their heat into the bedrock below — places like Kansas City, Miami, Dallas or the nation’s data-demand heartland of Northern Virginia.

[SEPP Comment: What??]

The Farm Bill Is an Opportunity for Bold Action on Advanced Biofuels

By Michael McAdams, Real Clear Energy, June 04, 2024

https://www.realclearenergy.org/articles/2024/06/04/the_farm_bill_is_an_opportunity_for_bold_action_on_advanced_biofuels_1036029.html

[SEPP Comment: More subsidies Uncle.]

Alternative, Green (“Clean”) Energy -- Storage

The Many Problems With Batteries

By Iddo Wernick, WUWT, June 2, 2024

<https://wattsupwiththat.com/2024/06/02/the-many-problems-with-batteries/>

“Nonetheless, because battery costs play such a dominant role in the price of electric vehicles, manufacturers are turning to less expensive battery chemistries, like LFP, that exclude rare metals but have lower energy densities than current Lithium-ion batteries. For residential power grids, the volume of batteries needed to keep a city going for a full day is staggering. Consider the greater Seattle area. Powering the Seattle grid for 24 hours using batteries would require a cylinder over sixty meters in diameter at the height of the Space Needle (184 meters), filled with manufactured battery packs. Today, at the Kapolei Energy Storage outside Honolulu, over 6,000 tons of LFP batteries (enough to fill a pole one meter in diameter and the height of Mauna Loa (4170 meters)) can supply the electricity demanded by a sixth of the million residents of Oahu for three to six hours.”

Stress Testing California’s Grid Batteries

By Ron Clutz, His Blog, June 4, 2024

<https://rclutz.com/2024/06/04/stress-testing-californias-grid-batteries/>

The first time — Tuesday last week around 8:10 p.m. PT, **according to GridStatus.io** — **batteries reached a record peak output of 6,177 megawatts**. For about two hours, that made electricity generated earlier and stored in batteries the single largest source of power in the Golden state, eclipsing real-time production from natural gas, nuclear, renewable sources like wind and solar, and all other sources of energy.

From Clutz: Again, demand requires from the grid 50k [[50,000] MW per hour in 2022 with less than 1% for charging EVs. That is projected to go 10 times higher in 13 years.

[SEPP Comment: No cost of batteries and instillation given.]

Alternative, Green (“Clean”) Vehicles

BREAKING: The First Domino Falls on EV Mandates in Virginia

By Anthony Watts, WUWT, June 5, 2024

<https://wattsupwiththat.com/2024/06/05/breaking-the-first-domino-falls-on-ev-mandates-in-virginia/>

Link to press release: **Governor Glenn Youngkin and Attorney General Jason Miyares: Virginia Will Exit California Electric Vehicle Mandate at End of Year**

By Christian Martinez, Office of Governor, June 5, 2024

<https://www.governor.virginia.gov/newsroom/news-releases/2024/june/name-1028520-en.html>

Governor Youngkin today announced the end of the California electric vehicle mandate in Virginia, effective at the end of 2024 when California’s current regulations expire. An official opinion from Attorney General Jason Miyares in response to a request by the Governor and Senate Republican Leader Ryan McDougle confirms that Virginia is not required to comply with expansive new mandates adopted by the unelected California Air Resources Board (CARB) set to take effect January 1, 2025.

Electric car discounts now ‘unsustainable’ amid record price cuts

By Paul Homewood, Not a Lot of People Know That, June 5, 2024

<https://notalotofpeopleknowthat.wordpress.com/2024/06/05/electric-car-discounts-now-unsustainable-amid-record-price-cuts/>

Motor manufacturers are now between a rock and a hard place. If they cut prices to boost EV sales, they lose money. If they cur petrol car sales, they lose money. And if they don’t meet the ZEV target, they also lose money.

The Truth On EVs Hertz

Video by John Robson, Climate Discussion Nexus, May 28, 2024

<https://climatediscussionnexus.com/videos/the-truth-on-evs-hertz/>

AP Poll: Biden EV Push Runs Into US Resistance

By AP, Via Newsmax, June 4, 2024 [H/t Bernie Kepshire]

https://www.newsmax.com/finance/streettalk/electric-vehicles-costs/2024/06/04/id/1167366/?ns_mail_uid=9af78cd4-7188-4875-ba2c-e930f35496ab&ns_mail_job=DM632911_06042024&s=acs&dkt_nbr=010502211mcu

Carbon Schemes

Bury CO2 or Revive It?

Add nuclear hydrogen to make net zero vehicle fuel.

By Robert Hargraves, Real Clear Energy, June 05, 2024

https://www.realclearenergy.org/articles/2024/06/05/bury_co2_or_revive_it_1036137.html

Link to promotion of \$25 Billion DOE Programs, **The Office of Clean Energy Demonstrations**

By Staff, OCED, Accessed June 7, 2024

https://www.energy.gov/sites/default/files/2024-01/OCED_DAC_Hubs.pdf

Boondoggle: Carbon Capture Projects Are Worse Than a Public Nuisance

By Bonner Russell Cohen, Real Clear Energy, June 04, 2024

https://www.realclearenergy.org/articles/2024/06/04/boondoggle_carbon_capture_projects_are_worse_than_a_public_nuisance_1035926.html

But the price paid by ordinary people for solving a non-existent climate crisis is incalculable.

California Dreaming

In California, Coffee Both Causes And Prevents Cancer

By Josh Bloom, ACSH, May 30, 2024

<https://www.acsh.org/news/2024/05/30/california-coffee-both-causes-and-prevents-cancer-17876>

Unsafe Harbors: EPA Must Stop CARB's Dangerous Maritime Mandate

By Jennifer Carpenter, Real Clear Energy, June 05, 2024

https://www.realclearenergy.org/articles/2024/06/05/unsafe_harbors_epa_must_stop_carbs_dangerous_maritime_mandate_1036141.html

[SEPP Comment: Does Washington even care if the California Air Resources Board (CARB) shuts down California's ports?]

Health, Energy, and Climate

Climate Policy Should Not Be Used To Determine Limits on Hospital Emissions

By Vijay Jayaraj, Human Events, June 4, 2024

https://humanevents.com/2024/06/04/vijay-jayaraj-climate-policy-should-not-be-used-to-determine-limits-on-hospital-emissions#google_vignette

BELOW THE BOTTOM LINE

Claim: Climate Change is “An intergenerational crime against humanity”

By Eric Worrall, WUWT, June 4, 2024

<https://wattsupwiththat.com/2024/06/04/claim-climate-change-is-an-intergenerational-crime-against-humanity/>

Guardian: “The Day After Tomorrow” at 20 is a “Prescient Ecological Warning”

By Eric Worrall, WUWT, June 5, 2024

<https://wattsupwiththat.com/2024/06/05/guardian-the-day-after-tomorrow-at-20-is-a-prescient-ecological-warning/>

Most American lakes endure smoke impacts, even when they're nowhere near the fire: Study

By Sharon Udasin, The Hill, June 7, 2024

<https://thehill.com/policy/energy-environment/4710417-wildfire-smoke-american-lakes-impacts-study/>

Link to paper: **Wildfire smoke impacts lake ecosystems**

By Mary Jade Farruggia, et al., Global Change Biology, June 5, 2024

<https://onlinelibrary.wiley.com/doi/10.1111/gcb.17367>

Opening sentence of article: Smoke from wildfires has become one of the most visible and widely reported global-change disturbances (Groff, 2021). In part, this is because the frequency and severity of wildfires are increasing in many regions of the world. **Not only do wildfires now occur regularly in regions where they were once rare (e.g., the Arctic)**, wildfire seasons start earlier and last longer (Abatzoglou et al., 2019; Flannigan et al., 2013). [Boldface added]

[SEPP Comment: Pure bunk. As HH Lamb demonstrated, during the Holocene, 6 to 8 thousand years ago, northern boreal forests burned as trees died from the cold.]

No Potatoes, Warns Irish Times

By Paul Homewood, Not a Lot of People Know That, June 2, 2024

<https://notalotofpeopleknowthat.wordpress.com/2024/06/02/no-potatoes-warns-irish-times/>

[SEPP Comment: In the US potato producing states include Georgia, Florida, and Texas and a warming of Ireland will stop potato production? What about Egypt, Algeria, and Morocco?]

Tidbits

By John Robson, Climate Discussion Nexus, June 5, 2024

<https://climatediscussionnexus.com/2024/06/05/tidbits-65/>

From the “oh shut up” file, Scientific American has the gall to say “Antarctica’s ‘Doomsday Glacier’ Is Melting Even Faster Than Scientists Thought”. Yes, again. And if you won’t shut up, then we wish you’d tell us this one thing: How many times do scientists have to say the glacier is melting even faster than scientists thought before scientists start to think it’s melting as fast as scientists say they think it is? And for bonus points, how many times does it have to melt faster than fast before it actually melts? Inquiring penguins want to know.

The 13th First Climate Refugees

By Willis Eschenbach, WUWT, June 2, 2024

<https://wattsupwiththat.com/2024/06/02/the-13th-first-climate-refugees/>

Note the large swings, including a 100mm (4 inch) rise in one year. YIKES! For reasons like this, in their study Sea Level Rise in Australia and the Pacific, Mitchell et al. open by saying:

”It is generally accepted that the determination of a trend in a sea level record is only possible when a long time series of observed elevations over many years is available. The small magnitude of the trend on the one hand, and the perturbation of the record by systematic noise over a wide range of frequencies on the other, determine that this is so.”

Per Mitchell et al in the same study, a “long time series” is 50 years or more ... so you can see how using a paltry six-year record will give bogus answers like the 20 mm/year sea level rise quoted by the Smithsonian folks.

1. The Aging U.S. Power Grid Is About to Get a Jolt

Bracing for an expected surge in demand for electricity, utilities adopt new tech to boost transmission capacity

By Scott Patterson, WSJ, June 6, 2024

https://www.wsj.com/business/energy-oil/the-aging-u-s-power-grid-is-about-to-get-a-jolt-144e7fdc?mod=energy-oil_news_article_pos3

TWTW Summary: The article begins with:

“The country’s aging power grid, built over the past 100 years, is about to leap into the 21st century as the Biden administration scrambles to meet a coming burst of new power demand.

To boost the grid’s capacity, the administration is pushing to step up efficiency of existing power lines with new technologies. The upgrades are far cheaper and faster than big transmission projects, which are often plagued by red tape and can take years to build.

In Illinois, Algonquin Power AQN -0.12%decrease; red down pointing triangle won a \$42.9 million grant to install devices that automatically redeploy power when lines are overloaded. Virginia’s Dominion Energy D -0.48%decrease; red down pointing triangle won \$33.7 million for a project that includes devices that will let it adjust power distribution in response to changing conditions on the grid. The funds are part of a \$3.5 billion program for grid-boosting projects the Energy Department rolled out in October.

‘We actually need stuff that can cook right now, right away, very very quickly, and the way to do that is by deploying grid-enhancing technologies,’ said Ali Zaidi, the White House’s national climate adviser, at an event in Washington, D.C., last week.

Zaidi made the remarks the same day the Biden administration launched a push with 21 states, including California, Michigan and New York, to step up the capacity of existing power lines.

The plans come ahead of an expected surge in electricity demand, driven by a wave of power-hungry electric vehicles and new data centers for artificial-intelligence technology. That is a departure from the past two decades, when stagnant demand gave power companies little incentive to modernize their systems.

Data center development is booming across the U.S. thanks to AI. Some industry analysts estimate global capacity to double by 2030. But it faces a big obstacle: getting enough power.

Now utilities are scrambling for relatively fast ways to boost capacity.”

The article then goes into specific fixes but ignores that wind and solar are unreliable.