

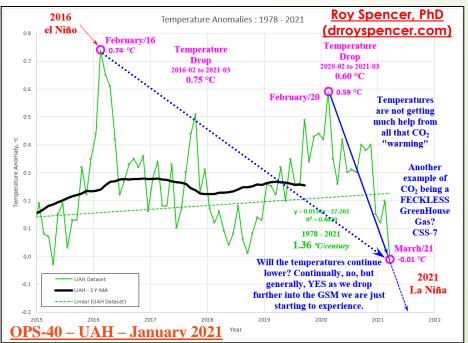
Earth Day 2021 **Temperature Anomaly** 

The planet isn't exactly burning up on this, the CAGW alarmist's Holy Earth Day-2021. Even those "hot spots" are generally well below freezing. As shown on the DMI plot the average Arctic temperature (north of the 80<sup>th</sup> parallel) is close to normal. The Temperature Anomaly plot above was pulled from a Tony Heller Video (Earth Day Madness - YouTube). This visual was confirmed by going directly to the ClimateReanalyzer.org website.

All this empirical data is available on my website (with links). climatechangeandmusic.com

ERA40 reanalysis, mean 1958-2002 0 °C ECMWF operational model 275 273.15K (=0C) **Freezing** 270 **Point** 265 -15 °C 260 S 5°F 255 250 245 Ocean and Ice Services | Danmarks 240 Meteorologiske Institut (dmi.dk) 235 350 300 Day of Year, 2021 Thu Apr 22 19:00:07 UTC 2021

Daily mean temperature and climate north of the 80th northern parallel, as a function of the day of



The Arctic (and Antarctic) Sea Ice areal extents are included on the next slide. Arctic Sea Ice Volumes are also included.

The Arctic Ocean Sea Ice is not melting away to nothing anytime soon. The more likely scenario is the significant ice growth that occurs during a GSM. The real imminent danger is the generally colder temperatures that will lead to crop failures, massive starvation, petulance and civil strife. But sure, keep wasting trillions on "Global Warming", fighting a nontoxic trace gas that is near historically dangerous lows and is absolutely essential for life on the planet!

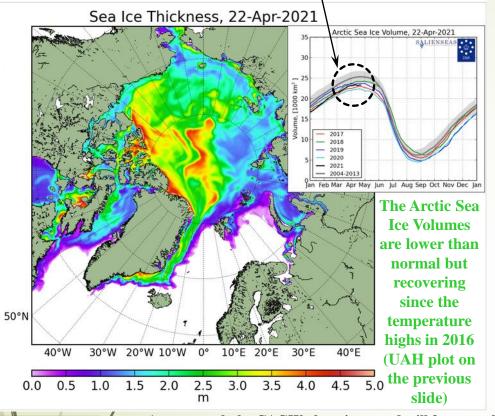
As shown on the UAH temperature

data (to the left), CO<sub>2</sub>'s role in the current temperatures is minimal. Temperatures fluctuate wildly despite a small steady rise in CO<sub>2</sub>. More detail can be seen in OPS-40 – UAH – January 2021 Update. The temperature has dropped 0.60 °C in 13 months (Major contributor - La Nina). Lower solar activity will begin to drop the temperatures even more dramatically as we move further into the GSM over the next couple of decades.

Another example of  $CO_2$  – The FECKLESS GreenHouse Gas - CSS-7!!! Ocean Cycles and Solar Activity are more dominant than CO<sub>2</sub>.

## CSS-8b Earth Day - 2021

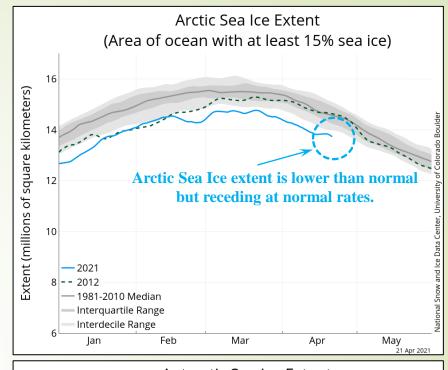
Arctic Sea Ice Volumes are currently flat (a bit below normal).

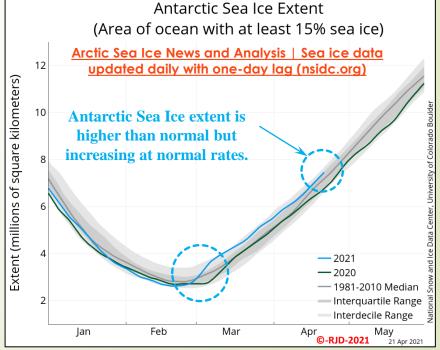


As with the Sea Ice Volumes, the Sea Ice Extents are also recovering from the global high temperatures associated with the strong el Niño in 2016. The plots to the right do not have the additional years plotted. Those additional years can easily be reviewed by going to NOAA's Sea Ice **Extent webpage (Interactive Sea Ice Chart**). Strange how the ice volumes/extents and global temperatures follow each other when a "non-homogenized" temperature data set is used (UAH Satellite - Lower **Troposphere Temperature). More** discussion related to "homogenization" will be included on the next few slides.

Earth Day 2021 Sea Ice Area/Volume As per usual, the CAGW alarmist crowd will focus on the lower than normal Arctic Sea Ice Extent (by 5.6%) and conveniently ignore the higher than normal Antarctic Sea Ice Extent (by 2.4%). The Sea Ice Extent/Volumes have always ebbed and flowed (CSS-5 – Snow and Ice) but nowhere in the recent historical/empirical data does the yearly deviations stray far from the average. So, is it surprising that the CAGW doomsday prophets, predicting the demise of polar sea ice (the Arctic specifically), have been consistently wrong? Yet the CAGW alarmist community (politicians, mainstream media, IPCC "climate scientists", etc.) still use the same unvalidated models that spat out those ridiculous predictions. The IPCC models are programmed to respond to CO2 and little else (OPS-22 – Computer Models – Real Simple). The natural cycles (solar related) have not ceased to exist just because the IPCC has decreed it so. If the CAGW alarmists were honest they would acknowledge that the temperatures over most of the Holocene interglacial warm period have been much warmer than the current "highest temperatures EVER". Warm enough for the Vikings to live/farm in Greenland, warm enough for forests to grow where glaciers are currently receding and warm enough for an Arctic free of ice. But that would assume that CAGW alarmists are honest (even with themselves).

That empirical data is available on my website (with links). climatechangeandmusic.com





CSS-8c Earth Day - 2021 USHCN FINAL MINUS RAW TAVG Vs. Year 1895-2020 Grand Solar Minimum. You really should do the Re

Earth Day 2021

Homogenized

vs Measured

**Small US** 

Maps

Climate

change and

the 1991-2020

**U.S. Climate** 

Normals | NOAA

Climate.gov

2°F At All US Historical Climatology Network Stations Red Line Is 5 Year Mean In the real world, scientists put forward a **Temperature Increase** theory, develop a test to produce empirical data and adjust the theory to match the data In the IPCC's virtual reality, "climate scientists" put forward a narrative, run their computer model and adjust the already available empirical data to match their narrative. **OPS-47 – Fact Checks** Manmade **Data Manipulation** Synonym - HOMOGENIZATION

Yep, the temperature increase is real and is manmade

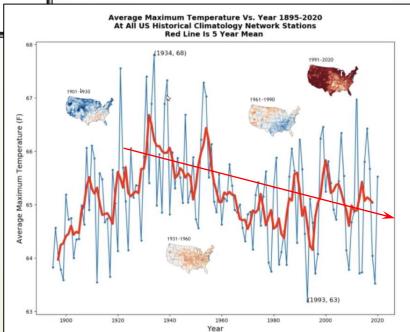
Climate change and the 1991-2020 U.S. Climate Normals / NOAA Climate.gov

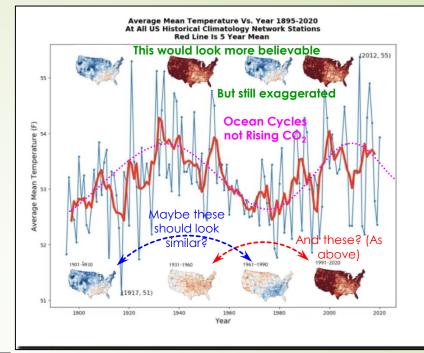
> The plot above summarizes the homogenization process (which strangely, correlates directly to rising CO<sub>2</sub> levels). The curve above shows the difference between measured temperatures and the final "homogenized" values for public consumption. The CO<sub>2</sub>/Temperature Difference plot can be found on Tony's website (a little homework). Not much wonder why the NASA/NOAA

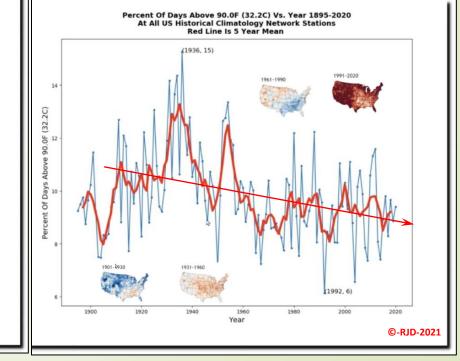
That empirical data is available on my website (with links). climatechangeandmusic.com

charts show warming, is there?

All the plots shown here are courtesy Tony Heller. They were pulled from his **Earth Day 2021** video. And before the CAGW alarmists start pulling their hair out, Tony Heller is one of those "Climate Deniers" they love to warn the uninformed masses about. Strange how these plots reflect the same general data profiles that are shown on the next slide and were pulled from the 2018 US National Climate Assessment. If you have additional raw measured data that shows different results, bring it forward. The temperatures were much hotter in the Dirty Thirties than now despite what the overhomogenized surface data sets are showing. That homogenization process has lowered temperatures pre-2005 by 1 °F and increased post-2005 by 1 °F. Not hard to show warming when you cool the past and warm the present!!! Might be a good time to bring up that honesty speculation again.







Grand Solar Minimum. You really should do the Research!

**U.S. Climate** 

Normals |

NOAA

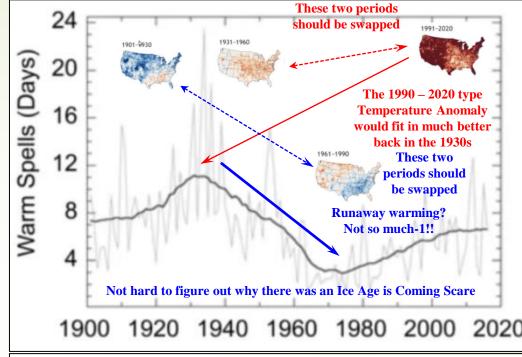
Climate.gov

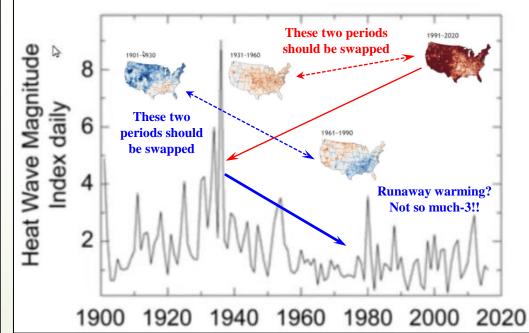
Gyre, etc.)?

Refer back to

the UAH data.

1900





More analysis/data is available on my website (with links), climatechangeandmusic.com

2020

2000

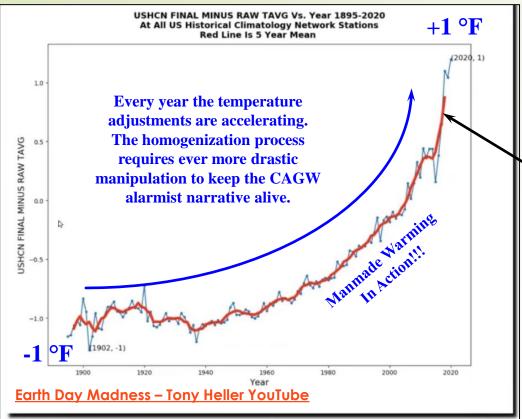
should be swapped

1980

1960

1940



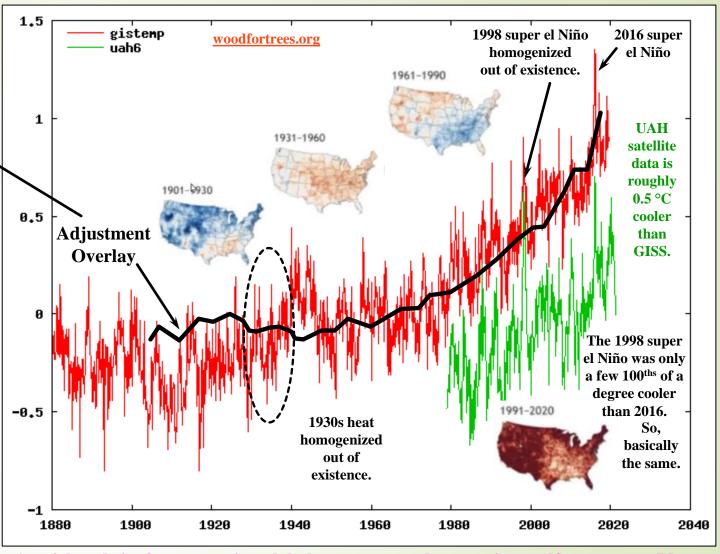


Earth Day 2021 MTR

Small US
Maps

Climate
change and

change and the 1991-2020 U.S. Climate Normals | NOAA Climate.gov The premise that the world is warming at dangerous rates is an artifact of the homogenization process. Over the Modern Temperature Record (MTR), the measured temperatures have been adjusted progressively cooler as you look back in time from 2005 and progressively warmer as you look forward from 2005. That is not a natural temperature response, that is an intentional manmade manipulation to conform with the CAGW alarmist narrative.



A quick website for comparing global temperature data sets is woodfortrees.org. I have plotted just the NASA/GISS surface data and the University of Alabama – Huntsville satellite data here to show the contrast. The satellite data is more accurate but that data has only been available since 1978. The data, you the public are presented with is the over-homogenized NASA-GISS surface data which conveniently conforms nicely with homogenization temperature adjustments and the NOAA maps.

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