



Extreme Heat is an esoteric concept in the climate change discussion. The IPCC can claim that extreme heat is trending higher (red arrow) if they start their trend in the 1960s. But the Heat Wave Magnitude Index, Warm Spell Duration and Warmest Temperatures were significantly higher pre-1970 (upper left chart). Global temperatures over the Holocene (chart to the right) have been significantly higher than current temperatures. Those temperatures fluctuated significantly despite a virtually flat atmospheric CO<sub>2</sub> concentration. The natural forcings active in the past are still active and will be active in the future (except in the climate models that “run way too hot” because they are programmed to ignore them). The above chart shows the global temperature anomaly for July 1<sup>st</sup>, 2021. The hot spot (and it was hot) in Western Canada/USA was the Pacific Northwest Heat Dome. The media portrayed the PNWHD as an example of catastrophic ‘climate change’. What they did not tell you is that the global average temperature anomaly is only 0.2 °C above the 1979 – 2000 year average and there are also many areas that were significantly colder than average.

**Is Extreme Heat really getting worse globally?**