Solar Storms and Earthquakes – Science or Pseudoscience?

Solar activity probably has more to do with life here on Earth than we give it credit for. We know that life, as we know it, couldn't exist without the light and warmth we receive from the sun.

Yet the sun causes us lots of problems too, between the ultraviolet light it emits and the frequent solar storms. The latest warnings issued these days confirm it.

Keep reading to find out more!

The Carrington Event of 1859 caused one of the largest geomagnetic storms of history. Just last year NASA was warning us of a repeat performance, which we narrowly escaped. The difference is, if a coronal mass ejection hit the Earth's magnetosphere today, the EMP would most likely destroy the electrical grid and most electronics.

But even on a smaller scale, the activity of the sun affects us. The CB radio craze of the 1970s was killed by electromagnetic interference, which was caused by sunspots. Radio interference of all kinds is linked to such sunspot activity.

Even the constant change of our world's climate has been proven to be linked to solar activity, not CO_2, like the global warming alarmists would have us believe. So, our sun has the ability to do great good, but also the ability to do great harm and it has no conscience to guide it.

While concerns about a coronal mass ejection and the potential EMP it would cause are with us at all times, there are other things the sun is blamed for, which are one time, or at least very infrequent events.

One such is the recent concern of the current sunstorm causing a massive increase in earthquake activity.

Earthquakes exist all the time, proving that there are massive forces at work inside the Earth. But most of those earthquakes are small enough that they are not noticed by anyone except the sensitive seismic equipment that records them.

However, earthquake activity has been on the upswing here in the United States.

Part of that is due to fracking, which requires splitting underground shale deposits by pumping pressurized water into the ground. But those are extremely localized, mild earthquakes, most of which fall into the category of not being recognizable by people on the ground above them.

There has also been an increase in earthquake activity in the vicinity of Yellowstone National Park and the supervolcano it enshrines.

Between Science and Pseudoscience

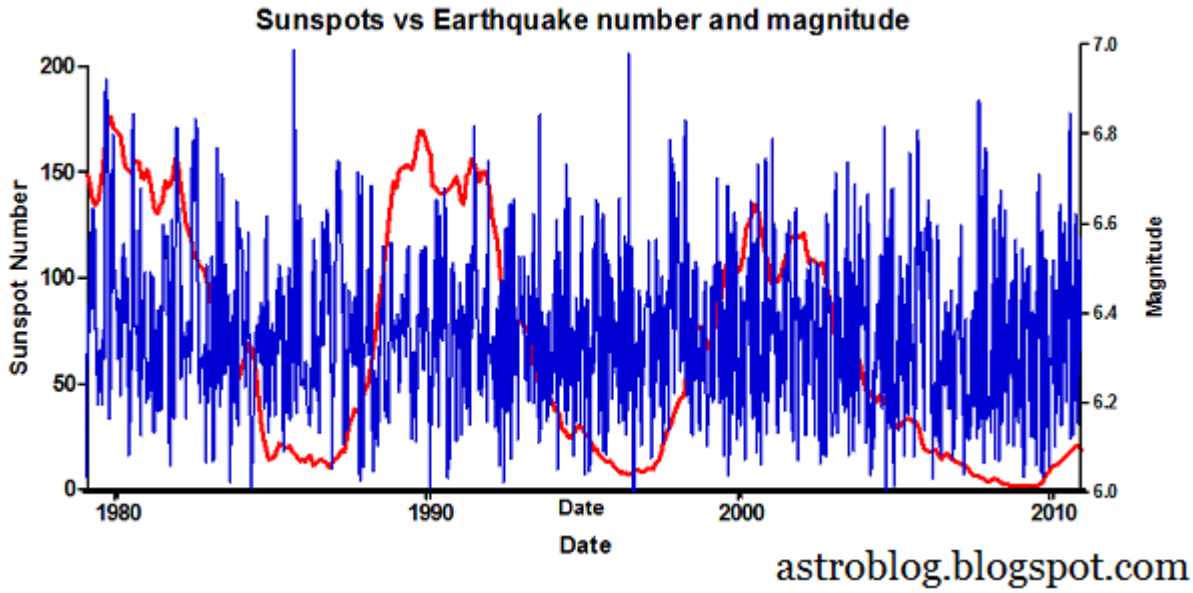
In some circles, this is raising concerns about a possible eruption, an even that could have dire consequences for a large part of the United States. While scientists still say that we are safe from such an event, an increase in seismic activity in the area around an earthquake is one of the signs that the Earth gives us of a pending eruption .

But now we're hearing warnings about this solar storm causing a potential increase in earthquake activity, with the potential of earthquakes having a magnitude of as much as six to seven. But there is no real historic scientific evidence to point to a connection between solar activity and earthquakes.

I suppose if the sun's activity were to produce enough geomagnetic force, it could have an effect on the Earth, even to the point of causing enough pressure to be responsible for

the movement of the plates which make up our planet's surface.

Were that to happen, we would have earthquakes caused by the sun. But the amount of magnetic force required to cause such an event would probably be much more severe than what we see from current solar activity. I propose that it would be strong enough to also trigger an EMP.



Studies have been undertaken, looking at the possibility of a correlation between solar flares (solar storms) and earthquake activity from January 1991 to January 2007.

While it has been shown that all 682 earthquakes of a magnitude of 4.0 or larger were preceded by a solar flare, not all solar flares were followed by earthquakes. So, while solar flares might still have some relation to earthquakes, there is no conclusive evidence that they do.

This indicates that belief that solar flares cause earthquakes is actually pseudoscience, defined as "a collection of beliefs or practices mistakenly regarded as being based on scientific method", according to dictionaries.

Our modern world is filled with pseudoscience. Most conservatives regard global warming (by whatever name) as

pseudoscience. Christians who accept the biblical account of creation see the theory of evolution, which is universally taught as science, as nothing more than pseudoscience. The favor is returned by those who believe in evolution, calling creationism pseudoscience based upon ancient myths.

Likewise, there are many forms of pseudoscience that you can find cropping up within the prepping community.

The idea of the Earth's magnetic field shifting, supposedly demonstrated by places in the Atlantic Ocean where the magnetic field is reversed, is a pure case of pseudoscience. In this particular case, it demonstrates an important thing we must realize in regard to any pseudoscience.

That is, it is theories, usually based on incomplete and untrue information, which are presented as if they were the TRUTH.

In the case of the supposedly reversed magnetic fields, the conclusion is based upon a false presentation of data.

Oceanographic studies of the Earth's magnetic field have shown that there are places in the deep ocean where the level of magnetic force vary. The graph I saw shows a variance in almost a sine wave pattern.

But here's where the problem comes in. Someone arbitrarily drew a line through the middle of that wave, just as would be done with alternating current. In AC, such a line designates a point of zero voltage. So it's natural to read the graph of the magnetic variance in the same way, giving an interpretation of a reversal of the Earth's magnetic field.

Could the Earth's magnetic field actually shift? Yes, it can.

The earthquake and tsunami of 2011, which destroyed the Fukushima nuclear power plant was severe enough to shift the Japanese coastline eight feet and cause a slight realignment

of the Earth’s magnetic poles by four inches.

But that was an earthquake measured 8.9, the fourth largest earthquake in recorded history. If you’re doing the math yourself, you see that to actually cause the Earth’s poles to reverse would require 262,954,560 times that amount of force.

This is the type of thing that makes something pseudoscience. While I have just demonstrated that it is theoretically possible for the Earth’s poles to reverse, I have also shown that it would take an astronomical amount of force to make it happen; a force great enough that there’s just as much a possibility of it tearing the Earth apart.

Pseudoscience with a Goal

So why should we care? The fact is, pseudoscience is most often used to generate fear, causing people who hear about it to react in the way that the person presenting it wants them to.

That’s why global warming is always presented as something that can and will end life as we know it.

If they were to tell us the truth about their own data and their own computer models, most people would simply shrug and say, “So what?”

It’s hard to get scared about a potential rise of two degrees in temperature over the next 100 years, especially when you take into consideration that the Earth has already survived periods which were considerably warmer than that. But then, you can’t make money off of saying “Don’t worry folks, it’s just going to get a touch warmer.”

It is easy to sell pseudoscience to uninformed, uneducated people. That’s why low information voters are willing to go along with the whole global warming scam.

But we, those of us who are concerned about the future and about protecting our families from it, must watch out that we don't fall into the same trap.

Yes, the world is full of risks and danger. Yes, much of the fear mongering that is spread around the internet has some basis in fact, but that doesn't make it true. In many cases, the potential effects of such an event happening are so low, as to be negligible.

On the other hand, don't let the true dangers get lost in the midst of the hue and cry of false risks. North Korea's nuclear and missile programs are a real risk, as are those of Iran.

A coronal mass ejection is a real risk too. So is the possibility of an economic collapse. For that matter, the lowering of our aquifers and the potential lack of water that may cause is a real problem too, albeit one that will take some time to realize.

So was the Ebola outbreak that happened a couple of years ago.

You are the only one who can decide what you should believe and what you should prepare for. That means you must take the time to educate yourself, sifting through the mass of false information and fake news on the internet, and finding the gems of truth, which will tell you what the real risks out there are.

Take action on those, and you'll be ready for whatever comes your way! Being ready to survive a blackout is one big step to take!

*This article has been written by **Bill White** for Survivopedia.*

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