

Cosmic Rays the Volcano Eruption Trigger & Tambora Awakens in Indonesia

[— ADAPT 2030 Video Click Link to Watch —](#)



New article from Principia Scientifica July 2nd, what they're doing is collating and combining all the information so far over the last year of reports, videos, ideas from other institutions and creators in this space about the connection between cosmic rays, earthquakes, and volcanic eruptions, we're at the dawn of the Cosmic Ray Maximum, and as we get in deeper into the Grand Solar Minimum. There's so many peer-reviewed studies out there now showing a strong connection between volcanic activity and climate change during these Grand Solar Minimums that they must now be considered as a catalyst for the global weather changes we are seeing.



Is there a connection between cosmic rays, earthquakes and volcanic eruptions?

John O'Sullivan
Principia Scientifica
Mon, 02 Jul 2018 12:00 UTC



Scientists have detected [a correlation between](#) historic solar minima, volcanic activity, sun spots and climate change.

But taking the concept further, it does appear that cosmic impacts could trigger seismic activity causing earthquakes and volcanic eruptions.

The reference here Ben Davidson from Suspicious Observers, they also have the Disaster Prediction app, it's all about the Sun's effects on our Earth's electromagnetic connections. You can get more information on that "quakewatch.net."



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Volcanic activity may be attributed to the increase in [Galactic Cosmic Rays](#) penetrating deep into silica rich volcanoes. Several studies have shown this correlation along with historical evidence.

It is possible that increases in earthquakes are linked to the increase in coronal holes which increase during solar grand minimums. Ben Davidson has done some excellent research on this topic and is now accurately forecasting earthquakes based on this and several other factors.

Check it out at: <http://quakewatch.net/>

These galactic cosmic rays penetrating into and excite silica-rich volcanoes causing a bubbling effect, this would explain nine out of the eleven Large VEI events during solar magnetic activity lows. They're still trying to put this whole causation of galactic cosmic rays and volcanic eruptions together.



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"Nine of the 11 events occurred during inactive phases of solar magnetic activity (solar minimum), which is well indexed by the group sunspot number. This strong association between eruption timing and the solar minimum is statistically significant to a confidence level of 96.7%. This relationship is not observed for eruptions from volcanoes with relatively silica-poor magma, such as Izu-Ohshima. It is well known that the cosmic-ray flux is negatively correlated with solar magnetic activity, as the strong magnetic field in the solar wind repels charged particles such as galactic cosmic rays that originate from outside of the solar system."

When we're looking at it, Ben states it here really well we've reached the dawn of the Modern Cosmic Ray Maximum in Grand Solar Minimum.



If you don't know what cosmic rays or galactic cosmic rays are, you can check out this free video on YouTube called "The Cloud Mystery" by Svensmark. It's a simple easy way to understand how climate change is affected by galactic cosmic rays and where we are going to head into the future.

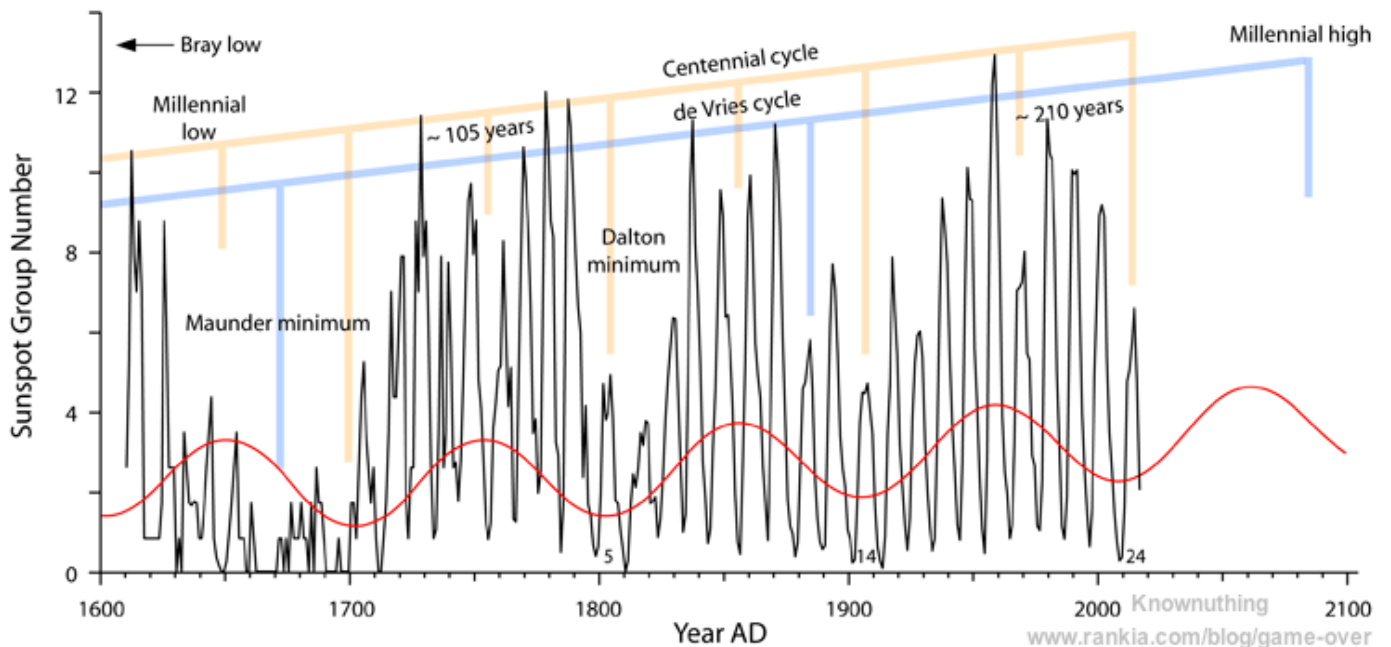
Klimamysteriet (The Cloud Mystery)

Henrik Svensmark
on climate change

Svensmark: The Cloud Mystery

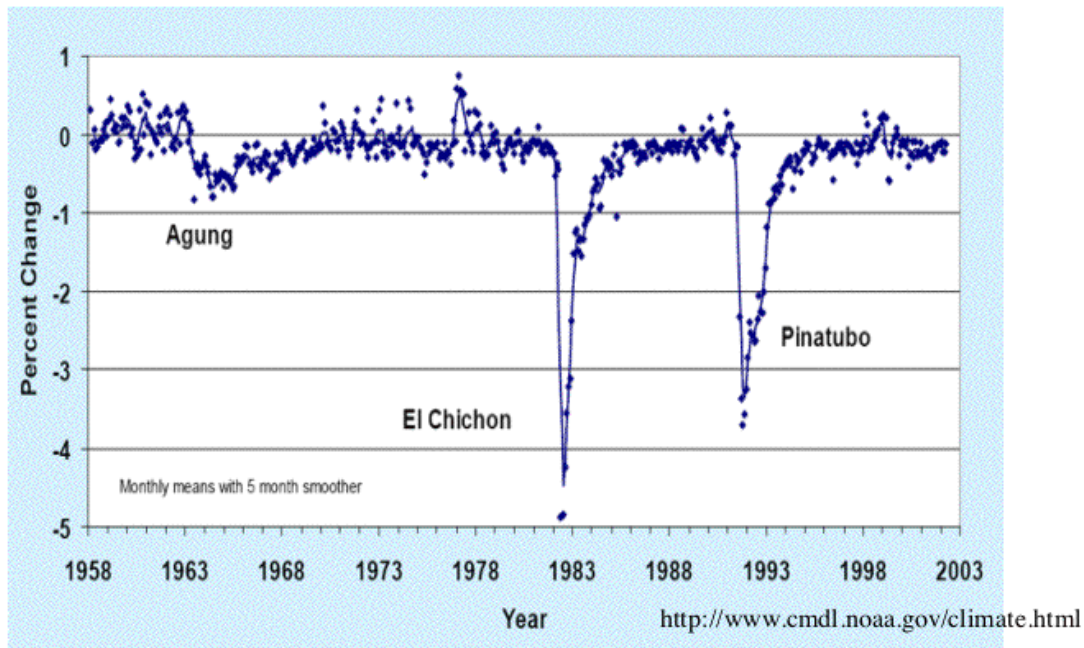


Because when you start to look at cycles, it's not just about the 11-year solar cycle from Solar Maximum to Solar Minimum. We need to go back on cycles and tide cycles inside cycles 105 years, 210 years, 400 years, 2,000 years, and then we can really get a good correlation of do we find a connection at all between Grand Solar Minima and volcanic eruptions. Let's take a look at than 1980s, 1990s, it's just two dashes before the year 2000.



(BELOW) You can see we come into the low solar activity, these were the volcanic eruptions that occurred during that time El Chichon and Pinatubo. This is on a more recent timeframe.

Effect of Volcanoes on Solar Radiation Reaching the Earth



Net solar radiation at Mauna Loa Observatory, relative to 1958, showing the effects of major volcanic eruptions. Annual variations are due to transport of Asian dust and air pollution to Hawaiï. (Climate Monitoring and Diagnostics Laboratory, NOAA)

Oppenheimer Ranch Project, Diamond's YouTube channel, you can check out daily updates on weather anomalies across the planet. He's talking about a very strong correlation between solar activity and the largest seismic & volcanic events.



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Oppenheimer Ranch Project (ORP) explains:

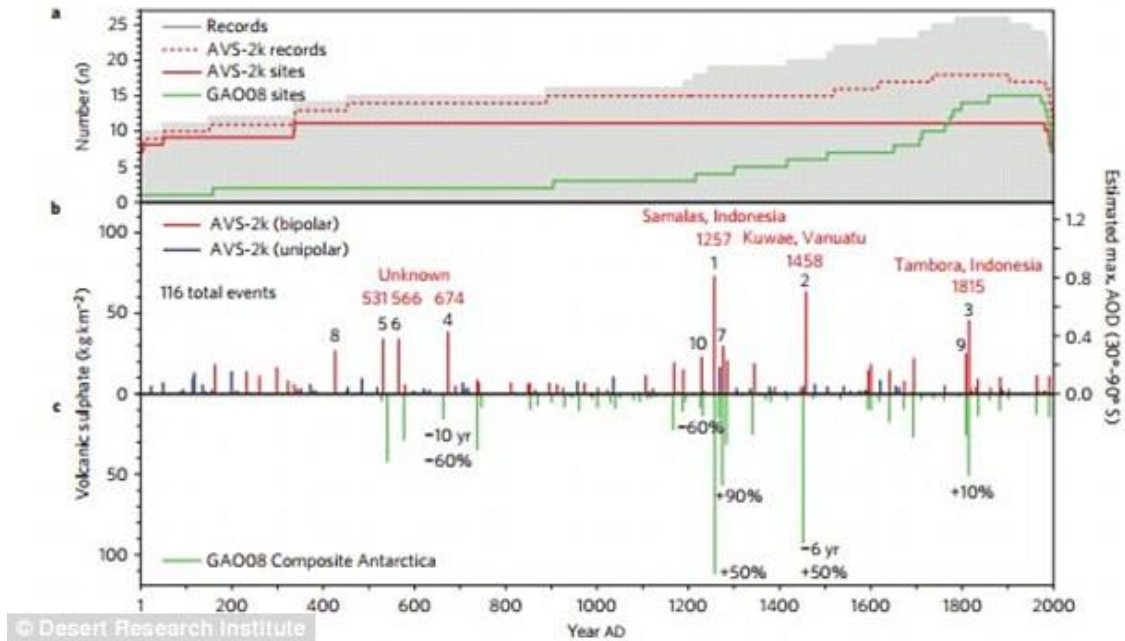
<https://www.youtube.com/channel/UC6VhLE7qAeW8NZm6PsXGGrQ>

The study looked at the data of volcanic activity between (1650 – 2009) and seismic (earthquakes) activity between (1700 – 2009) and then the recorded data was compared with the sunspots record (solar activity).

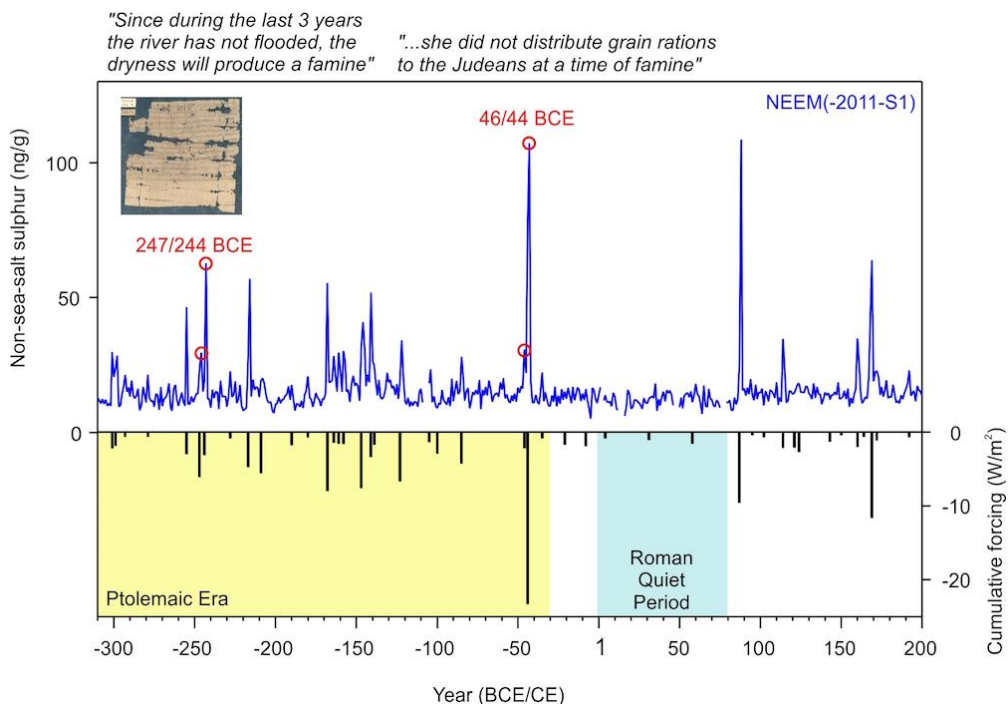
ORP explains:

*"The results of this study showed **very strong correlation** between solar activity and the largest seismic and volcanic events, within the continental US and globally. The correlation for volcanic activity was bigger than (greater than 80%) and for the largest earthquakes was (100% of the top 7 most powerful) versus solar activity lows."*

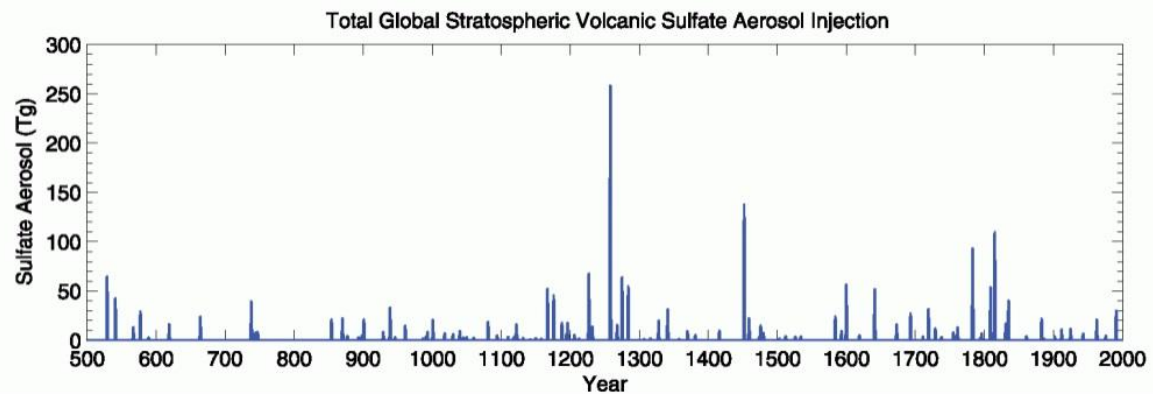
With that said, large is what we would be looking for here. I want to take you back through 2000 years of time, can you pick out the grand solar minimums? Let's start off a 535 A.D. late antique Little Ice Age, 1280 Wolff Minimum. What's that late 1,400's Sporer Minimum, Maunder Minimum right it the 1,600 didn't have too much activity though even though it was one of the lowest and coldest periods on the earth in the last 2,000 years. Then we had the Tambora eruption Dalton Minimum year without a summer 1800's.



We can take a step further back behind the zero mark into the B.C. era, so 47 B.C., or so there's a stand out there, then right at 79 A.D. that's the Vesuvius eruption and if you go a little further back 247 B.C. you can also see some activity there, those don't even have names in the Grand Solar Minimum chronology.



I did want to point out the collapse of the Yuan Dynasty also around 1280, we can see the “global stratospheric volcanic sulfate” just refers to how much ash and sulfur dioxide was pushed into the atmosphere from these eruptions. Even though, we had some other activity late 1400s, it seems like the outliers are very discernible at that 1280 eruptive force prior to during and then out of.



The IVI replaces [H.H. Lamb's famous Dust Veil Index \(DVI\)](#). The idea that particles of dust as opposed to sulphuric acid could reflect light away is rejected *entirely*, or at least the effect of dust is considered insignificant. I find this assumption dubious. For example, the eruption of Huanyaputina in 1600 apparently had catastrophic effects on the climate – causing the Great Russian Famine – yet was, according to the IVI, only about twice as severe as Pinatubo, which really didn't have a huge effect. Its sulphur emissions are dwarfed by those of Tambora in 1815 and Kuwae in 1452, yet it seems to have had at least as much of a cooling effect. Unfortunately, [instrumental temperature records](#) don't go back to 1600, so we have to rely on anecdotal evidence. Here's what Brian Fagan says in [The Little Ice Age](#) (p.104):

Speaking of that, not only are all the planets lined up on one side of the Sun for the next two weeks going into the Ground Solar Minimum and then Krakatoa in Indonesia awakens. Interesting thing, the government in Jakarta doesn't know what to do or even know how to evacuate that many people within 5 to 10 minutes, because those tsunami waves that came out of the 1883 eruption were 150 foot / 50 meters tall. A volcanic eruption at this point if it was anywhere close to the 1883 eruption would ground air travel across Singapore for at least six months. If you ground air travel out of Singapore for six months or even say one month, you're going to have to reroute air travel across the entire planet that is going to absolutely have its own set of economic effects.

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New eruption observed at Krakatau volcano, Indonesia

Posted by TW on June 20, 2018 in categories [Featured articles](#), [Volcanoes](#)

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Looking through Principia Scientifica, if you go ahead and type in “Grand Solar Minimum” into the search bar on the right side, there are dozens and dozens and dozens of are there articles to take a look through about what to expect repeating cycles, all based on what we're going to experience, and are experiencing right now in this intensifying Eddy Grand Solar Minimum.



Search Results For 'Grand Solar Minimum'

Dozens of Articles to Look Through

I want to thank the crew over at Wyoming Road and weather conditions Facebook for sending this image in here, stunning.



You can take a look at their Facebook page road weather conditions in Wyoming, where they share travel alerts and bulletins with you in case you're traveling there, you can stay safe on the roads.



Thanks for watching reading and if you want more Grand Solar Minimum commentary I run a tri-weekly podcast Mini Ice Age conversations posting anywhere you can find a podcast across the net.



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<https://www.sott.net/article/389992-l...>

<https://principia-scientific.org/do-c...>

Dozens of Papers on Grand Solar Minimum and Global Cooling

<https://principia-scientific.org/?s=g...>

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<https://watchers.news/2018/06/20/new-...>



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