

# Could Revelation Chapter 8 be Describing a Solar Micro Nova?

An international team of astronomers has observed and identified a new type of stellar explosion — a micro nova. Once unbelievable and refuted is now a visible fact.

Using the European Southern Observatory's (ESO) [Very Large Telescope \(VLT\)](#), the researchers witnessed never-before-seen small thermonuclear explosions on [white dwarf](#) stars that lasted only a matter of hours. A white dwarf is the dense core of a [star](#) like our sun that has run out of fuel but does not explode, as a larger star would. When a white dwarf is paired with a larger star, it can steal away hydrogen from its companion. Eventually, that hydrogen fuses into helium in a massive thermonuclear explosion called a [nova](#). *"Such detonations make the entire surface of the white dwarf burn and shine brightly for several weeks,"* astronomer Nathalie Degenaar at the University of Amsterdam, the Netherlands, a co-author of a study describing the new micro nova observations, said in an ESO [press release](#).

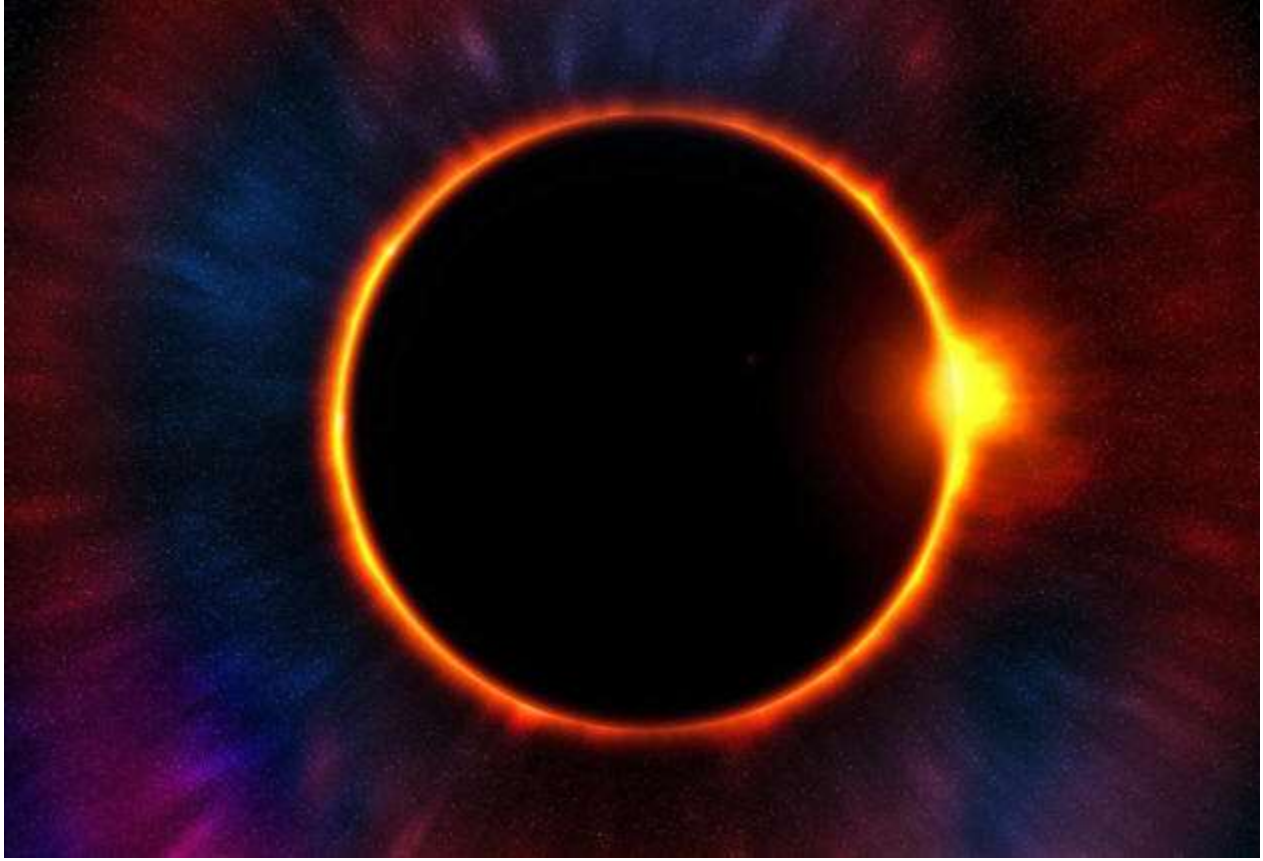
But when analyzing data from [NASA's Transiting Exoplanet Survey Satellite \(TESS\)](#), researchers observed bright flashes that only lasted a few hours at a time on the surface of stars. Using ESO's VLT, they confirmed that these small explosions were a new type of nova occurring in specific regions of white dwarfs.

*"For the first time, we have now seen that hydrogen fusion can also happen in a localized way. The hydrogen fuel can be contained at the base of the magnetic poles of some white dwarfs, so that fusion only happens at these magnetic poles,"* astronomer Paul Groot of Radboud University in the Netherlands, who co-authored the study, said in the statement. *"This leads to micro-fusion bombs going off, which have about one-millionth of the strength of a nova explosion, hence the name micro nova."*

Despite the term "micro" in their name, micronovas are still extremely powerful explosions. The researchers theorized that a single micro nova burns through about 44,000,000 trillion pounds (20,000,000 trillion kilograms) — the equivalent of 3.5 billion Great Pyramids of Giza.

Though scientists have seen only three such events thus far, the researchers think micronovas may be happening regularly across the galaxy and simply evading detection. *"These events may actually be quite common, but because they are so fast they are difficult to catch in action,"* astronomer Simone Scaringi of Durham University in the U.K., who led the study, said in the statement.

[A paper](#) describing the researchers' observations was published Wednesday (April 20) in the journal 'Nature'. This event has given further credence to geologist Doug Vogt of the *Diehold Institute* and Ben Davidson of *Space Weather News.com*; both by the way are saying that our Sun will micro nova in a few decades.



In a six-part series of videos titled [Earth Catastrophe Cycle](#), Ben Davidson, founder of Space Weather News, presented multiple scientific studies of "micro nova" (aka "solar flash") events that recur in human history, and the subsequent [pole shifts](#) that haven't taken place on a cyclic basis.

*The scientific data confirms that micro nova events are common occurrences in our galaxy, and such events span Earth's history, are associated with pole shifts, yet the evidence has been suppressed by government authorities for decades.*

In [part 4 of his video series](#), Davidson presents scientific studies showing how "micronovas" have been observed occurring in multiple stars by astronomers. "Micronova" is Davidson's term, for a supernova type event that is not large enough to exhaust or destroy the star generating it, but large enough to devastate nearby planets.



*He said:*

*What is a micro nova? It's not a supernova, it's not even really a [nova](#), as it is like the little sister of the nova, one that can affect the entire world but not completely destroy it.*

*Davidson's video shows evidence that such micro nova events are a cyclic part of the life of a star, and includes the following list of 10 known recurring nova events observed in the Milky Way:*

*Davidson referred to a number of sources pointing to solar flashes being part of Earth's geological history.*

*Among these is Dr. Robert Schoch, Associate Professor of Natural Sciences at Boston University and author of [Forgotten Civilization - The Role of Solar Outbursts in our Past and Future](#).*

*In a video interview in part 4 of Davidson's series, Schoch explained that ice core samples from Greenland show that there was a solar burst or flare recorded at the end of the last Ice Age, known as the Younger Dryas, about 9700 BCE.*

*Schoch and Davidson estimated that the micro nova event was as much as 40 times the power of the most destructive solar storm observed in modern history, the 1859 Carrington event.*

This would make the [Younger Dryas](#) micro nova as much as an X-100+ solar flare according to the measurement scale currently in use. Quite alarming, especially if this were to repeat any time soon.

The enormous amount of plasma that arrived immediately after the micro nova event circa 9700 BCE, bombarded the Earth producing an effect similar to one or more major asteroid impacts.

Full name	Discoverer	Magnitude range	Days to drop 3 magnitude from peak	Known outburst years	Time span (years)	Years since last nova
CI Aquilae	K. Reinmuth	8.6–16.3	40	2000, 1941, 1917	24–59	18
V394 Coronae Australis	L.E.Erro	7.2–19.7	6	1987, 1949	38	31
T Coronae Borealis	J.Birmingham	2.5–10.8	6	1946, 1866	80	72
IM Normae	I.E.Woods	8.5–18.5	70	2002, 1920	≤82	16
RS Ophiuchi	W.Fleming	4.8–11	14	2006, 1985, 1967, 1958, 1933, 1898	9–35	12
V2487 Ophiuchi	K.Takamizawa <sup>[dubious – discuss]</sup>	9.5–17.5	9	1998, 1900	98	20
T Pyxidis	H.Leavitt	6.4–15.5	62	2011, 1967, 1944, 1920, 1902, 1890	12–44	7
V3890 Sagittarii	H.Dinerstein	8.1–18.4	14	1990, 1962	28	28
U Scorpii	N.R.Pogson	7.5–17.6	2.6	2010, 1999, 1987, 1979, 1936, 1917, 1906, 1863	8–43	8
V745 Scorpii	L.Plaut	9.4–19.3	7	2014, 1989, 1937	25–52	4

This has caused confusion and led many archeological researchers into mistakenly interpreting historic evidence of impacts causing and/or ending the last ice age, as deriving from asteroid impacts rather than plasma discharges.

In his interview and book, Schoch asserts that ancient records are consistent with a solar flash that wiped out an ancient civilization predating the end of the last Ice Age, widely assumed to be Plato's [Atlantis](#).

The scientific data on solar flashes goes back several decades.

Bradley Schaefer, an astrophysicist at NASA's Goddard Space Flight Center, wrote a paper titled, "[Flashes from Normal Stars](#)" that appeared in the February 1989 edition of *The Astrophysical Journal*.

He dated the beginning of research into solar flashes to a 1959 study by H. Johnson who at the time "performed the only study which is capable of detecting rare flashes from normal field stars."

Schaefer examined NASA data on glazing discovered on lunar rocks that was first presented in a 1969 paper by T. Gold [published](#) in Science who had concluded:

"Some glazing is apparently due to radiation heating; it suggests a giant solar outburst in geologically recent times".

Schaefer agreed with Gold's analysis and reached a similar conclusion:

The existence of a glazing on the top surfaces of lunar rocks has been used as a strong argument for a "solar outburst" where the Sun increased its luminosity by over 100 times for 10 to 100s within the last 30,000 years.

Schaefer went on to describe how such a "solar outburst" (aka solar flash or micro nova) could result in an Extinction Level Event ([Flashes from Normal Stars](#) - page 930):

*I crudely estimate that a flash... might result in a major extinction episode. (The Cretaceous-Tertiary dinosaur extinctions cannot be explained by a flash since there is no mechanism for enhancing iridium.)*

The Sun could have undergone a few (at most) such super flashes in the last 108 yr [100,000,000 years]. These data suggest that our own Sun may have a significantly lower event rate than average field stars.

[In part 5 of his video series](#), Davidson interviews solar cycle researcher Douglas Vogt who discusses the scientific data that lunar rocks provide hard evidence of solar flashes having occurred in recent geological history.

The scientific data compiled by Davidson in his video series is cogent and compelling, yet, it provides no answer to the critical question:

"When will the next micro nova or solar flash event occur?" What follows may seem hard to believe and yet may very well be earth-shaking news!

For a detailed answer, we can turn to the startling testimony of Corey Goode, who says he has received intelligence briefings about when the "solar flash" will occur from two independent sources:

a Secret Space Program Alliance an Inner Earth civilization he calls the "Anshar"

Goode says that he served in multiple secret space programs over a 20 year period from 1986 to 2007.

While his claims have been very controversial, research has found multiple points of corroboration which have been detailed in [Secret Space Program Series](#), including Goode being the first to release two [Defense Intelligence Reference Documents](#) that

*corroborate key elements of his remarkable testimony.*

*Goode said that scientists from different space programs predicted the solar flash occurring at the end of Solar Cycle 24 (2008-2018/2019), and that this led to plans for the evacuation of global elites to safe places similar to what was depicted in [the movie, '2012.'](#)*

*In an interview, Goode [gave details](#) about what he had been told during a December 2017 visit to a secret moon base called Lunar Operations Command [LOC] about multiple solar flash events that have been predicted by different groups and their timing: I have said for a while that I was told that it was not one solar event but a series of events that led up to one large event. During my meeting on the LOC...*

*I was told that the Elite had expected the final "solar sneeze" [solar flash] to occur at the end of this Solar Minimum period (2018/2019 from their estimates).*

*"Are we officially in Solar Minimum?" was the question of one of the people present.*

*To my dismay that question went unanswered as the people being briefed were paying very close attention to this particular topic.*

*The Elite began moving underground in large numbers based on this probable timeline.*

*The "Programs" had used probable future technology to nail down the time of Alien and Suppressed Technology Disclosure and The Solar Event. None of them agreed on what the Solar Event would be as many thought it would be a flash that would turn them into ascended light beings while others expected it to be a terrible day for the planet Earth...*

*The "Egg Heads" and the Smart Glass Pads described all of this occurring in the 2018-2023/24 time window.*

*Goode said that he also received information from another source, [the Anshar](#), who claim to be the descendants of time travelers from our future.*

*This meant that their ancestors had lived through the upcoming solar flash event(s) and passed down its effects through historical records, which were carried into the Earth's distant past by the Anshar to maintain the current timeline.*

*Goode explains what the Anshar had told him:*

*The flashes (not necessarily all flashes are visible) that have been occurring will build up to one large solar event.*

*The Anshar described a major Solar Event in their past (Our Future?) that was very much like the "full circumference mass coronal ejection" that I described being one of the scientific theories about the Solar Event.*

*They described the solar blast being so powerful that it caused a physical pole shift on the Earth of several degrees. [We know the Earth is tilted at 23.5-degrees from multiple sources. The proof is also in the location of the Pyramids of Giza, Egypt. They were built long before the Earth was moved off its current axis. The Pyramids are older than many would have us believe, at least 10-15,000 years old. This is extremely important as what I detailed about God having left us a three-fold witness: 1. Gospel in the Stars, 2. The Gospel in the Stones, and 3. The Gospel in the Written Word!. The Creator left nothing to chance in this panoramic time witness of the Creator's handiwork! More on this as we continue.]*

*They described the atmosphere being breached by the CME [Coronal Mass Ejection] in the Northern Hemisphere which caused massive fires that wipe out a large area and in doing so knocks out all technology on the planet.*

*There was a fair amount of loss of life in the actual event.*

*Goode's information is very helpful since it provides intelligence data from secret space program scientists and Inner Earth beings that are monitoring solar activity, and are also aware of records detailing solar flashes or micro nova from Earth's history.*

*This complements the scientific data compiled by Davidson which substantiates micronovas as a recurring phenomenon for many stars in our galaxy, including our own Sun.*

*This takes us to another key element of Davidson's Earth Catastrophe Cycle series (below video), which Goode's classified sources provide complementary information.*

*This concerns the predicted micro nova or solar flash being a trigger for a [geophysical pole shift](#) that could be catastrophic for many regions of the planet.*

## **Part 2**

Massive Pole Shifts are Cyclic according to Declassified CIA Document  
January 09, 2019

Ben Davidson, founder of Space Weather News, began his six part Earth Catastrophe Cycle video series by discussing a 57 page booklet called "[The Adam and Eve Story](#)" authored by "Chan Thomas", which was classified by the CIA at some point after its 1963 publication, and declassified in part on June 24, 2013 with the release of a sanitized digital version on the CIA's website.

Thomas' analysis of cyclic pole shifts was different in key respects to what was being proposed at the time by Charles Hapgood in his seminal book, [The Earth's Shifting Crust](#) (1958).



According to Davidson, it was Thomas more accurate explanation for how a pole shift happens, which led to the CIA classifying Thomas' book.

The Adam and Eve Story was first published in 1963 by Emerson House, with a third edition published in 1965, and then republished by Bengal Tiger Press in 1993.

It is not clear when, why and how the CIA classified Thomas book, but the fact that the CIA chose to release a declassified sanitized version in 2013 is very significant.

[In part 1](#) of his video series, Davidson contrasts Hapgood's wandering pole hypothesis with the pole shift described in the CIA suppressed book by Thomas.

Hapgood wrote of a pole shift of up to 40 degrees that could recur every 5000 years or so in *The Earth's Shifting Crust* where earlier geographical poles would wander on the Earth's surface with each crustal displacement.

Instead, Thomas wrote of a massive shift of almost 90 degrees ([The Adam and Eve Story](#)) that would move both poles into the tropics in less than a day, and then back to their earlier polar positions after the next cycle:

In  $\frac{1}{4}$  to  $\frac{1}{2}$  a day the poles move almost to the equator, and all hell lets loose.

The atmosphere and oceans don't shift with the shell - they just keep on rotating West to East - and at the equator that speed is 1000 miles per hour. It has to be, normally, to make one rotation per day.



So, while the shell shifts with the poles going toward the equator, the winds and oceans go eastward, blowing across the face of the earth with supersonic speeds, inundating continents with water miles deep....

You can see, then, that ice ages are not a matter of advancing and retreating ice.

It's simply that different areas of the Earth are in polar regions at different times, for different durations of time, with the changes between positions taking place in a fraction of a day.

[The Adam and Eve Story, pp.13-14]

Thomas provided a table illustrating how the North pole, for example, would switch back and forth between northern hemisphere regions after experiencing close to a 90 degree tilt.

<i>North Polar Eras (Areas at N. Pole)</i>	<i>Start (Yrs. Ago)</i>	<i>End</i>	<i>Duration (Yrs.)</i>
Arctic Ocean	6,500	?	?
Sudan Basin	11,500	6,500	5,000
Hudson Bay	18,500	11,500	7,000
Caspian Sea	29,000	18,500	10,500
Wisconsin	35,000	29,000	6,000

The Adam and Eve Story  
p. 17.

It is Thomas' conclusion of cyclic pole shifts of almost 90 degrees that flip the poles back and forth over millennia that Davidson identified as the key reason the CIA classified Thomas' work.

If the North and South poles flipped back and forth 90 degrees, there would be little evidence of previous pole shifts since these would be buried under thick layers of ice.

This takes us to the science of [paleomagnetism](#) - the study of the record of the Earth's magnetic field in rocks, minerals or archeological materials - which has been used to determine the historic movement of the Earth's magnetic poles.

Davidson cited a number of scholarly articles which studied paleomagnetic data from volcanic hotspots.

A highly regarded 1985 paleomagnetic study titled, "[True polar wander - An analysis of Cenozoic and Mesozoic paleomagnetic poles](#)" found,

"the pole has moved 22 deg + or 10 deg in the past 180 m.y. [million years]."  
This was far less than the 40 degree wandering pole hypothesis that Hapgood proposed in an approximate 5000 year period.

A subsequent 2001 study titled "[Stability of the Earth with respect to the spin axis for the last 130 million years](#)" concluded that,

*"the time-averaged position of the spin axis has deviated by no more than 5° over the last 130 million yr, indicating that mantle mass heterogeneities have not changed rapidly enough to drive TPW [True Polar Wander]."*

Davidson cited these and a 2018 study as the key elements of the body of scientific evidence refuting Hapgood's wandering pole hypothesis.

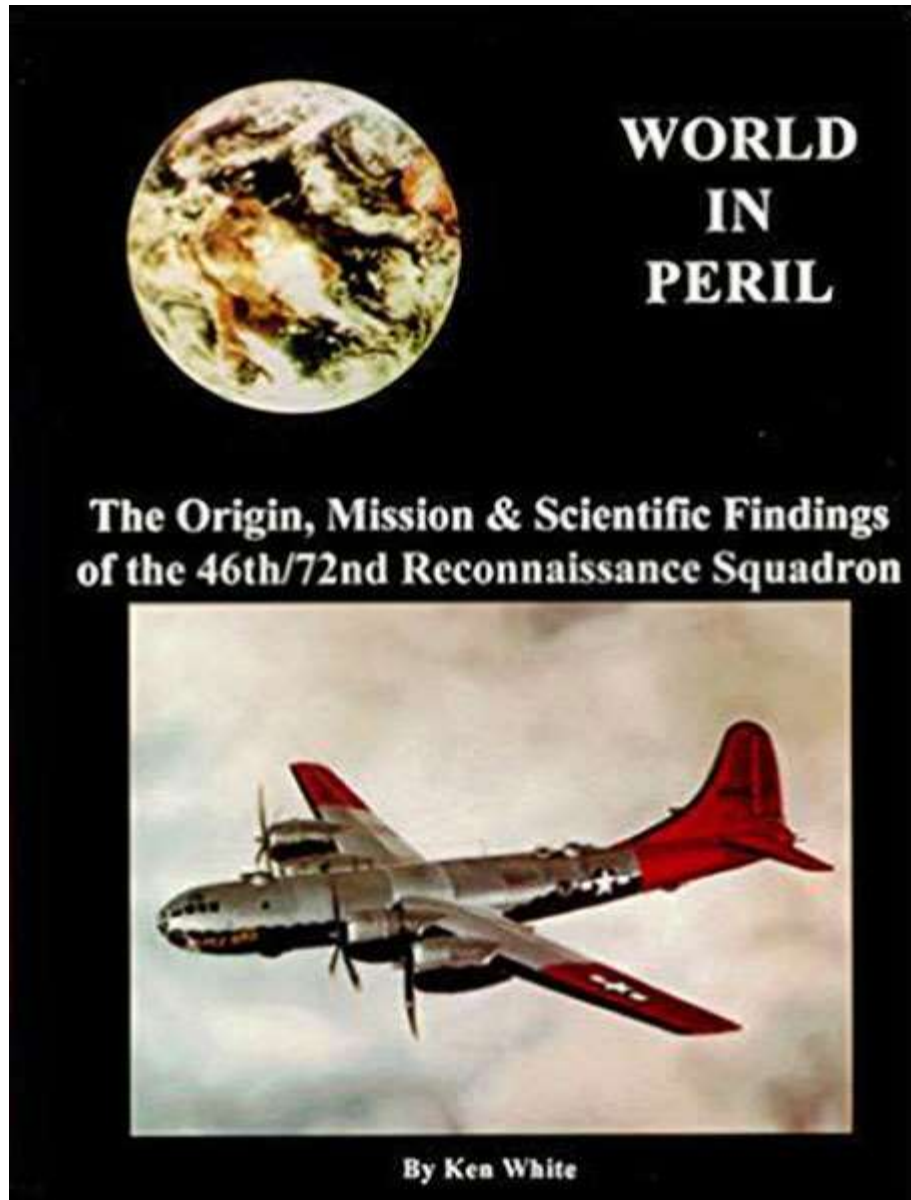
However, as Davidson [pointed out](#), the scientific data from paleomagnetic studies did not address Thomas' theory of the poles flipping back and forth over geologic time, thereby giving the appearance that the poles had not moved over millions of years as researchers had mistakenly concluded:

All work crushing the theory utilizes these flawed studies, especially the long term average pole position and none address the problem of a ping pong shift where you would have that time average pole position appearing to be in the same position over millions of years.

Davidson goes as far as suggesting that Hapgood, who worked for the CIA's predecessor the Office of Strategic Services during World War II, conducted a "limited hangout" with his 1958 book to get some of the truth out into the public arena, but doing so in a way that could be eventually discredited.

Davidson cited a 1994 book titled [World in Peril](#) about the once classified information provided by an Arctic polar explorer, Major Maynard White, who told his son, Ken (the book's author), about secret Pentagon meetings in 1948 where suppression of evidence of cyclic pole shifts was discussed:

*At one of the scientific meetings that Major White attended in the Pentagon in early 1948, the scientists discussed the advisability of alerting the public to the pending polar-flip phenomenon.*



None of the scientist would agree to withhold the information from the public, but, on the other hand, neither could they agree on how to release it. The knowledge of this phenomenon, some felt, could in itself destroy the moral fiber of society.

Their fears were apparently unfounded when, in the early 1950s, information about the flip phenomenon was released in both a newspaper column and a magazine article, but surprisingly generated no responses from an apparently stunned parochial or incredulous public.

Given the amount of scientific data presented by Davidson in his Earth Catastrophe Cycle series, it's clear that physical pole shifts of approximately 90 degrees have been historically recorded, and that this became known to government authorities as early as

1948.

This takes us to the critical question:

*"What is the trigger for a geophysical pole shift?"*

Hapgood, along with Albert Einstein, who wrote the Preface to Hapgood's 1958 book, believed that the accumulation of ice at the North and South poles would be the trigger for a crustal displacement (geophysical pole shift).

Einstein explained the triggering mechanism as follows:

In a polar region there is continual deposition of ice, which is not symmetrically distributed about the pole.

The earth's rotation acts on these unsymmetrically deposited masses, and produces centrifugal momentum that is transmitted to the rigid crust of the earth.

The constantly increasing centrifugal momentum produced in this way will, when it has reached a certain point, produce a movement of the earth's crust over the rest of the earth's body, and this will displace the polar regions toward the equator.

Davidson asserts in part 1 of his series that Einstein eventually broke with Hapgood when he realized that the amount of ice at the poles would be insufficient to trigger a crustal displacement as he had earlier concluded from Hapgood's data.

In contrast to Hapgood, Thomas believed the explanation was that something in the Earth's interior was occurring that was the triggering mechanism.

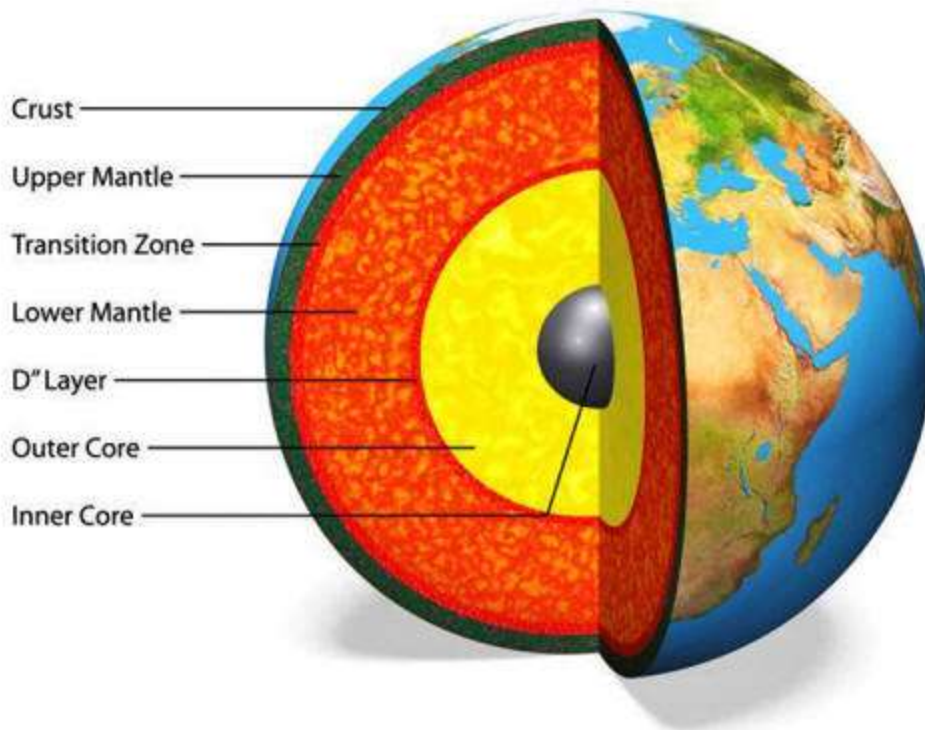
Thomas wrote:

*...once every few thousand years neutral matter escapes from the 860-mile [1385 km] radius inner core into the 1300-mile [2092 km] thick molten outer core, and there is a literal atomic explosion inside the Earth.*

*The explosion in the high energy layer of the outer core disrupts completely the electrical and magnetic structure in both the molten outer core and the outer 60-mile thick molten layer.*

*Finally, the ice caps are allowed to pull the shell of the earth around the interior, with the shallow molten layers lubricating the shift all the way.*

[The Adam and Eve Story, p.14]



Thomas likens the "neutral matter" escaping Earth's inner core to the plasma in a solar burst since these are based on what he claimed was the same governing universal principle found in the atom and galaxies.

Consequently, Thomas is suggesting that the triggering mechanism for the Sun emitting a solar flash or micro nova, is similar to what triggers the Earth's inner core to release waves of energy that ultimately shift both the magnetic and physical poles by as much as 90 degrees, in a cyclic pattern. In *'World in Peril'*, the triggering mechanism is described as a flip in the Earth's magnetic field as [cited](#) by Davidson:

*It was determined through repeated experimentation that as the "magnetic pole approached the geographic pole," the "magnetic" pole would at some point accelerate its rate of convergence as though pulled toward the "geographic" pole by centripetal force and jump to coincide.*

*But instead of the poles coinciding, the "magnetic" pole would rapidly "flip" around the "geographic" pole, then spin off towards the equator as though by centrifugal force, ending up at a position where the two axes assumed an approximate 89-degree divergence.*

*After this polar "flip" occurred, the axes would then gradually begin to reconverge over a long period of time.*

According to the classified information received by Major White and his USAF Arctic reconnaissance unit, the magnetic pole flip would be the trigger for a crustal displacement leading to an almost 90 degree geophysical pole shift, as explained in the description to the *World in Peril*:

*World in Peril...* provides an explanation, based on the unit's findings, of how Pentagon scientists determined our globe has evolved in prehistory, and how another earth-reshaping cataclysm is imminent!

*Now we can understand why mammoths and mastodons found in the arctic permafrost had been instantaneously frozen with subtropical vegetation in their mouths and stomachs.*

*World in Peril* may be the only book in print that accurately explains the elusive triggering mechanism for the phenomena known to scientists for over 200 years as "crustal shift," and what it implies.

*It's important to emphasize the complementary nature of the triggering mechanisms found in Thomas' *The Adam and Eve Story* and White's information in *World in Peril*.*

White essentially described an internal geological process by which a magnetic pole flip would lead to a crustal displacement so the two sets of poles (magnetic and geophysical) would briefly realign at opposite ends of the equator.

The magnetic poles would then gradually realign with the new geophysical North and South poles until the cycle repeated itself with the former geophysical poles flipping back to their former positions.

Some unknown event inside the Earth would trigger both the magnetic pole flip and the crustal displacement according to the information acquired by White, and had been suppressed by national security officials.

Thomas' book explains the internal mechanism which triggers the pole shifts.

The neutral matter he described is basically the functional equivalent of a micro nova or solar flare being emitted by the Earth's inner core. Consequently, any evidence of the Earth's interior generating something analogous to increased solar activity is an important clue to a pole shift occurring in the near future.

Davidson's six part series makes a cogent case for a connection between cyclic micronovas and historic pole shifts of almost 90 degrees, which occur in a back and forth flipping action making it appear that the present poles have been in their respective positions for millions of years, as paleomagnetic studies have mistakenly concluded.

Furthermore, his emphasis on the information proposed by Thomas and White as

crustal displacement being triggered by internal geological events, rather than external events such as accumulation of ice at the poles, leads to a correct focus on something happening inside Earth's molten core.

The historic data and analyses presented by Davidson point to something simultaneously triggering eruptions of "neutral matter" from the inner Earth core, and from the Sun in the form of micronovas.

This takes us finally to the role played by cosmic rays as the elusive trigger mechanism, and recent scientific data showing these recently emerging out of Antarctica and a possible connection to mysterious global seismic waves.

### [Part 3](#)

Cosmic Rays as Triggers for Solar Flashes, Earth Core Eruptions and Pole Shifts  
January 16, 2019

On January 11, one of the world's top science journals, Nature, reported an unexpected acceleration in the movement of the Earth's magnetic poles that has required an immediate update of the World Magnetic Model (WMM) used for global navigation by ships at sea, Google Maps and smartphones.

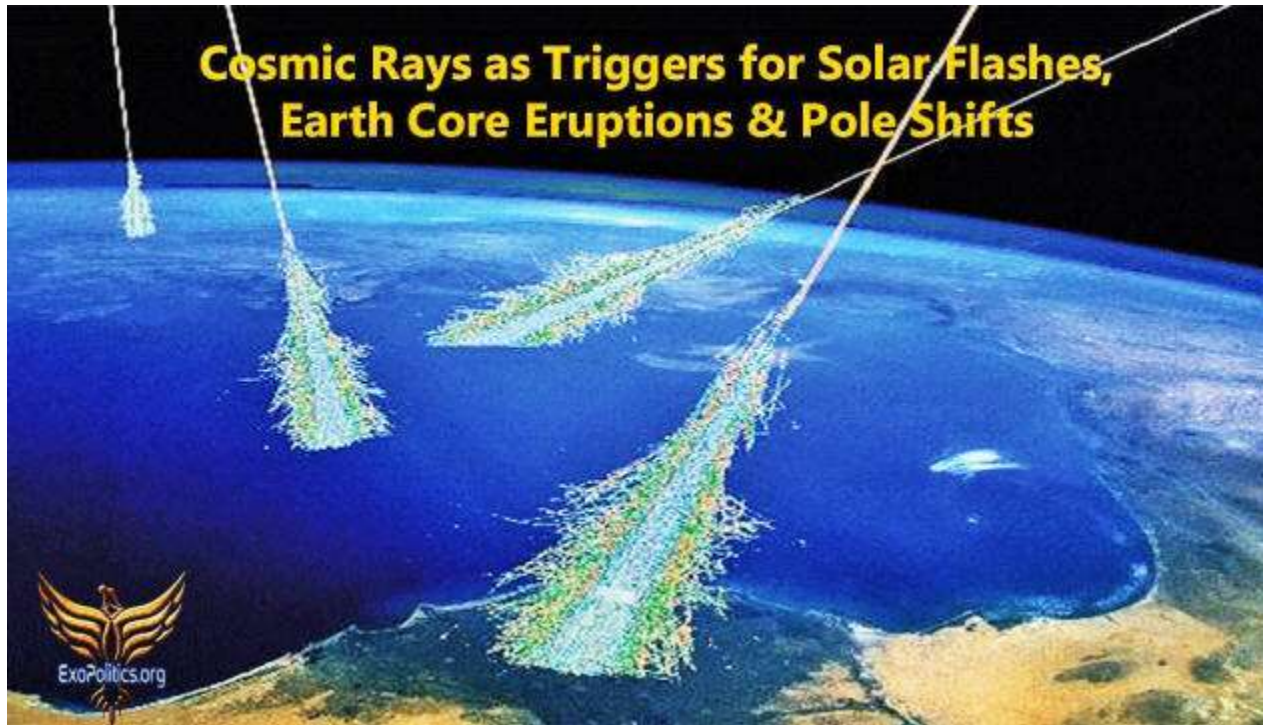
Scientists have speculated that the unexpected acceleration is due to, "liquid iron sloshing within the planet's core", and that in the case of the north magnetic pole, the likely culprit was a "high-speed jet of liquid iron beneath Canada moving the pole towards Siberia".

Importantly, scientists widely agree that the acceleration in the movement of the magnetic poles points to something very unusual happening in the Earth's outer core which is filled with a nickel-iron alloy surrounding a solid inner core of iron.

In part 2 of this series of articles investigating issues raised by Ben Davidson in his Earth Catastrophe Cycle video series, I discussed a CIA document authored by a geologist, Chan Thomas, that was only declassified in 2013.

Thomas hypothesized that the inner core of the Earth, behaves just like a star in terms of emitting plasma or "neutral matter" in periodic bursts every few thousand years into the outer core, thereby triggering both magnetic and geophysical pole shifts.

In [part 1](#), I examined evidence of solar flash (aka micro nova) events in history, and the prospects for one recurring in the near future. This raises the possibility of the connection of some kind between solar flash events and "neutral matter" eruptions that occur deep inside the Earth's core.



In this article, I examine whether high energy cosmic rays from outside our solar system are the trigger mechanism for both solar flashes and neutral matter eruptions that lead to pole shifts.

It's important to first point out that the accelerated movement of the magnetic poles is happening at a time when the Earth's magnetic field is weakening and the [Solar Minimum](#) (low sunspot activity) have both made the planet more susceptible than ever to cosmic rays.

[Cosmic rays](#) are the atomic nuclei of hydrogen, helium and larger molecules that have been stripped of their electrons. They have been generated from galactic events such as supernova and quasars, and travel throughout the universe at almost the speed of light.

While our Sun also generates cosmic rays, it is the cosmic rays from the galactic core that carry the most energy as they penetrate deep into our solar system, into our Sun, and finally into the Earth's interior.

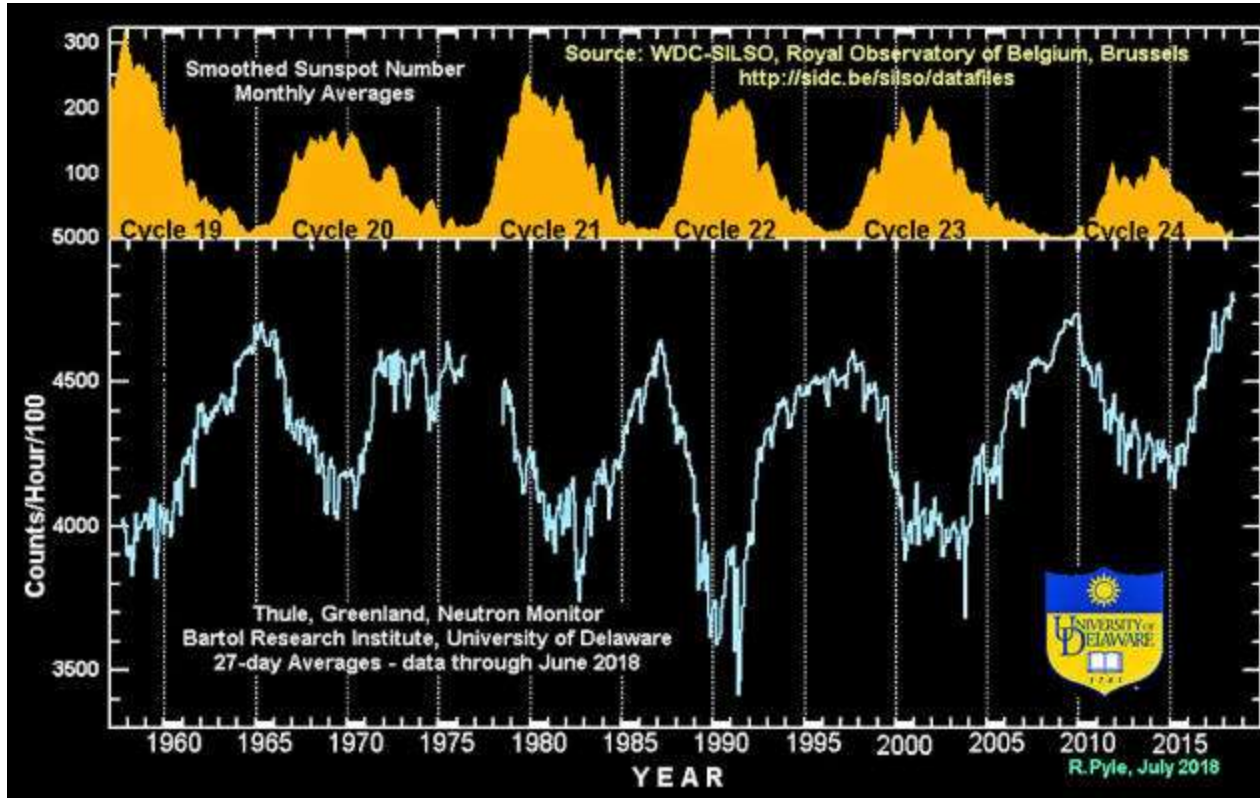
Cosmic rays are impacting both the Earth and the Sun with increasing impact because the energy shield created by the solar wind is at its weakest level as a result of the current solar minimum.

Some scientific models predict the solar minimum will continue until October 2020, and may even stretch out into a [grand solar minimum](#) lasting until 2070, during which time humanity witnesses a [mini-ice age](#) similar to the [Maunder Minimum](#) that occurred



from 1645 to 1715.

Scientists have for decades tracked solar and cosmic ray activity and confirmed that cosmic rays peak during solar minima as shown in the following diagram.



*Top graph shows solar cycles  
and bottom shows cosmic ray activity  
during the same period*

The intensity of cosmic rays impacting our solar system and the Earth depends largely on the strength of the solar wind generated by our Sun which acts as a shield as [explained](#) by NASA:

Our first line of defense is the Sun:

The sun's magnetic field and solar wind combine to create a porous 'shield' that fends off cosmic rays attempting to enter the solar system.

The shielding action of the Sun is strongest during Solar Maximum and weakest during Solar Minimum.

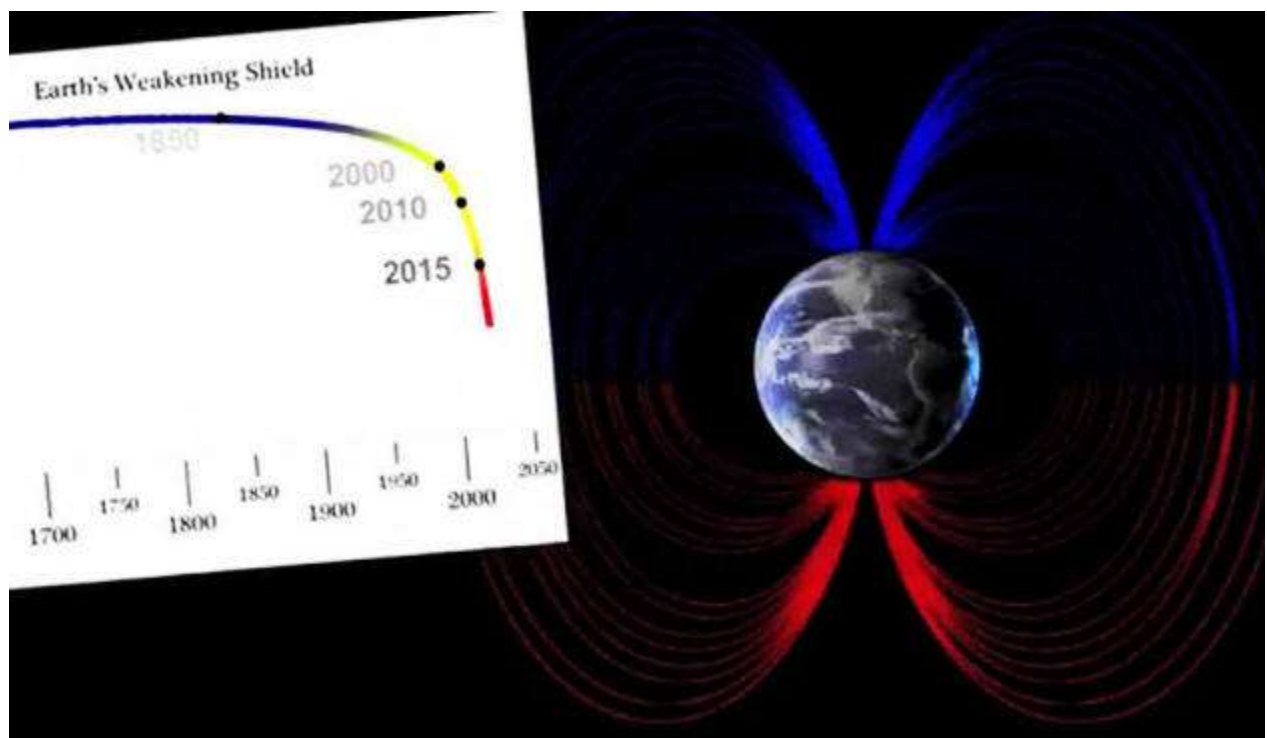
NASA studies have confirmed that cosmic rays, during a solar minimum increase the radiation exposure of astronauts thereby shortening the time they can spend in Earth

orbit.

It is worth emphasizing that cosmic rays typically are either deflected by the Earth's magnetic field (magnetic field) or attracted by the field towards the polar regions where most of the world's cosmic ray detectors have been assembled.

Studies have shown the Earth's magnetic field, which acts as the second line of defense against cosmic rays, as well as being a shield against the solar wind, has been steadily weakening throughout the 20<sup>th</sup> century.

Since the year 2000, however, the weakening has dramatically increased as illustrated in the following image provided by Davidson in his Earth Catastrophe Cycle series.



Source: Ben Davidson.

Video: "[Energy from Space - The Shift Has Begun](#)"

The weakening of the magnetic field has led to some scientists concluding that this is a prelude to a magnetic pole flip.

In 2014 Rune Florberghagen, the mission manager of the European Space Agency's [Swarm project](#), confirmed that the Earth's magnetic field was weakening 10 times faster than normal, and that this was a sign of a future magnetic pole flip.

Florberghagen [said](#) that this,

*"would take many hundreds if not a few thousand years... They have happened many times in the past."*

However, other scientists studying paleomagnetic data cut the time dramatically in Florberghagen's estimate.

A [Berkeley University study](#) said that the pole flip could happen in less than a century, anytime during our life-time.

The dramatic weakening of the magnetic field means that fewer cosmic rays are being deflected, and more of these have been absorbed into the Earth, especially at the polar regions where the magnetic field lines attract cosmic rays into the North and South magnetic poles.

This raises important questions about what scientists have recently discovered about the unexpected acceleration in the movement of the magnetic poles, and what we know about the increasing influence of cosmic rays during a solar minimum that may extend well beyond the projected 2020 start of [solar cycle 25](#).

*First, are cosmic rays entering the Earth's magnetic field at the polar regions penetrating deep into the Earth's interior, thereby impacting the molten outer core in some way?*

*Second, were cosmic rays recently detected coming out of Antarctica, in any way related to the "neutral matter" eruptions described by Chad Thomas?*

*Finally, were the mysterious seismic global waves detected on November 11, 2018, in any way related to neutral matter eruptions from the core, and/or cosmic rays?*

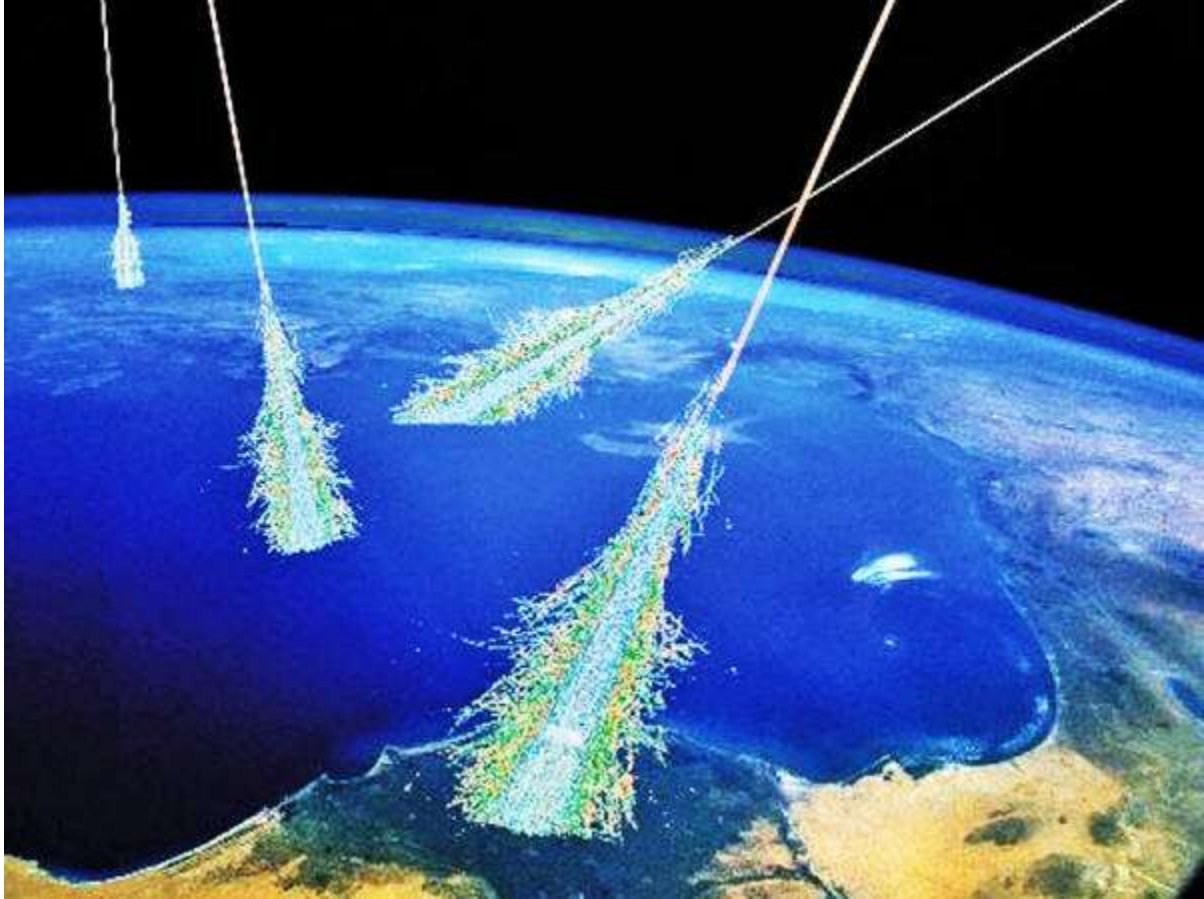
Are Cosmic Rays Affecting the Earth's Interior?

The widespread assumption about cosmic rays is that these are absorbed by the Earth's atmosphere as they impact air molecules, which in turn are rapidly accelerated and impact other molecules in cascade effect as the following diagram illustrates.

Several studies have shown, for example, that cosmic rays impact cloud formation leading to greater cloud covers during solar minima.

While the energy of cosmic rays is absorbed by other particles when they collide in the Earth's atmosphere, these "cascade particles" take on the momentum and energy of the cosmic rays and reach the Earth's surface, and along with surviving cosmic rays, penetrate into the Earth's crust extending the cascade effect deep into the earth's mantle and eventually reaching the core.

Sub-atomic particles which are created as a byproduct of the collision of cosmic rays and air molecules, such as [muons](#) and [neutrinos](#), more easily penetrate into the Earth's mantle and core due to their smaller cross section.



*Credit: NASA*

The impact of cosmic rays through their cascading effect can be visualized as a shotgun blast that carries the energy of the primary cosmic rays deep into the Earth's interior through "cascade particles" and their sub-atomic byproducts.

The penetration of cosmic rays into the Earth's surface has had the effect of triggering seismic activity and volcanic eruptions, as confirmed by a team of four Japanese scientists.

In a June 2011 study of 11 volcanic eruptions titled "[\*\*Explosive volcanic eruptions triggered by cosmic rays\*\*](#)", the scientists found that cosmic rays were a factor in triggering nine of the eruptions:

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.

The strong negative correlation observed between the timing of silica-rich eruptions and solar activity can be explained by variations in cosmic-ray flux arising from solar modulation.

The Japanese study confirms that cosmic rays, through their cascade effect, do have an influence inside the Earth's interior.

The critical question is:

*"how deep into the Earth's interior do cosmic rays penetrate?"*

Studies show that the energy transmitted by cosmic rays can be carried deep into the Earth's interior:

During solar minimum high energy cosmic radiation can penetrate to a very deep distance below the Earth's surface, in some case a few hundred kilometers.

This is the reason why most if not all earthquakes during solar minimum are deep earthquakes.

This takes me back to Chan Thomas and his claim that the Earth's core periodically releases *"neutral matter"* every few thousand years, and that the Sun experiences a solar flash in a similar millennia long cycle.

Cosmic rays have the capacity to not only interact with the Sun in a way that ultimately triggers a micro nova, but they also interact with the Earth's core in a way that triggers the emission of *"neutral matter"* as Thomas' book claims.

If the Earth's core is being stimulated by cosmic rays into emitting neutral matter in analogous manner to a Coronal Mass Ejection by the Sun, is there any evidence of this occurring?

The most compelling sign would be if the Earth's core, like [the Sun](#), was observed to be emitting cosmic rays. Indeed, this has occurred with cosmic ray detectors discovering cosmic rays coming out of the Earth, rather than penetrating into it.

Cosmic rays observed to be coming out [of Antarctica](#) were [first detected](#) in January 2007 when the Antarctic Impulsive Transient Antenna ([ANITA](#)) balloon experiment began, as explained by the science writer, Emma Fiala:

Using sensors, ANITA began detecting high energy neutrinos interacting with the ice sheet below...

During ANITA's time in the Antarctic, it detected never before seen *"upward-pointing cosmic-ray-like events."* The rays detected had horizontal planes of polarization, which may suggest they didn't originate in space.

[Source](#)

Cosmic rays coming out of the Antarctic ice sheets were observed again by ANITA in

December 2016 and sparked intense scientific speculation over whether a new type of particle had been discovered.

This led to a team of scientists at Penn State University studying the ANITA data, and on September 25, 2018, releasing their report about the anomalous 2007 and 2016 events which was [published](#) on the scholarly archive, arxiv.org:

The ANITA collaboration have reported observation of two anomalous events that appear to be  $\approx 0.6$  EeV cosmic ray showers emerging from the Earth with exit angles of 27 and 35, respectively...

We explore here whether "*beyond the Standard Model*" (BSM) particles are required to explain the ANITA events, if correctly interpreted, and conclude that they are.

Seeking confirmation or refutation of the physical phenomenon of sub-EeV Earth-emergent cosmic rays in data from other facilities, we find support for the reality of the ANITA events, and three candidate analog events, among the Extremely High Energy Northern Track neutrinos of the [IceCube Neutrino Observatory](#).

It should be noted that on both January 2007 and December 2016, the sunspot numbers were respectively at or near the solar minimum for sunspot activity.

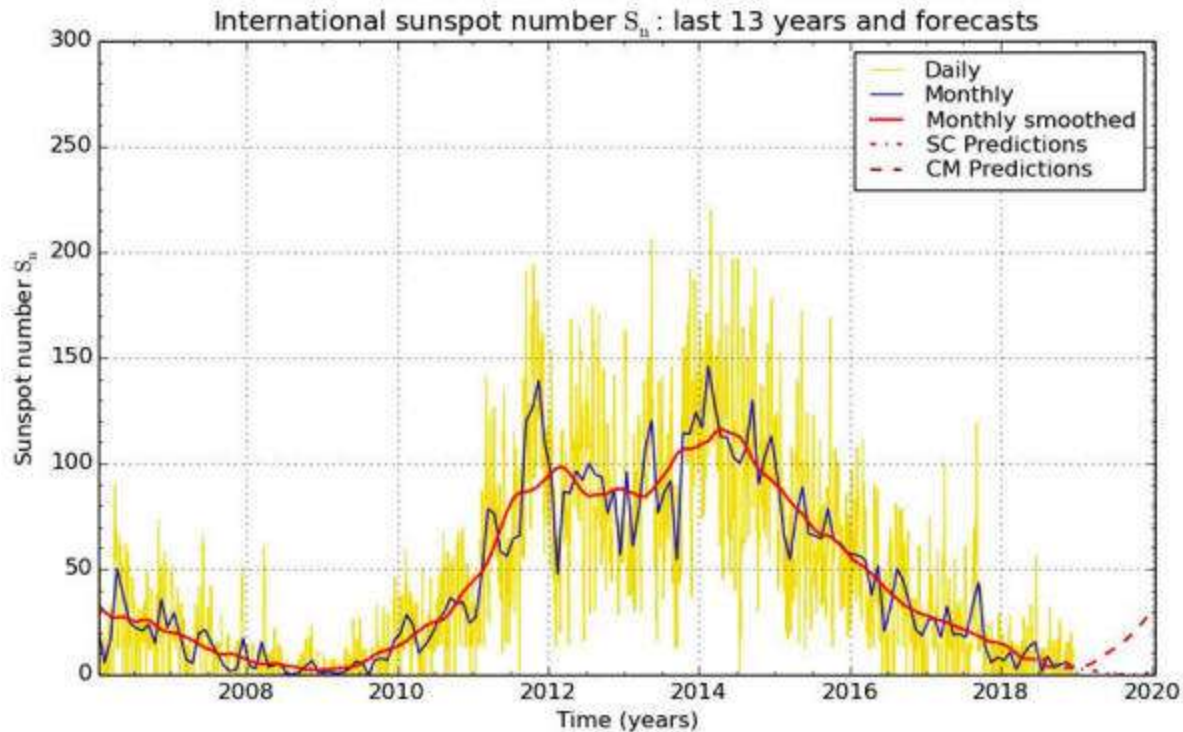
Consequently, it should be noted that at the same time as cosmic rays were peaking as they were coming into our solar system due to minimal solar activity, that Cosmic-like rays were observed to be coming out of the Earth.

This is consistent with the earlier observation that cosmic rays were penetrating deep into the Earth and triggering the neutral matter ejections into the outer core, which in turn stimulated what might be described as "Earth cosmic rays" that were detected by ANITA.

This takes me to the mysterious seismic global wave detected on November 11, 2018, 15 miles off the coast of Mayotte, a French island between Madagascar and Africa.

On that day, a seismic wave was detected that travelled around the world for about 20 minutes.

While seismic waves routinely follow earthquakes, there was no earthquake detected by seismographs as explained in an article ([Strange waves rippled around the world, and nobody knows why](#)) published by National Geographic.



SILSO graphics (<http://sidc.be/silso>) Royal Observatory of Belgium 2019 January 8

Based on the earlier cited 2011 study by Japanese scientists one explanation that arises is that the global seismic wave was caused by cosmic waves penetrating into the Earth's interior.

Another, more disturbing explanation is that the mysterious global seismic waves were a result of unique "*Earth cosmic rays*" emanating from a neutral matter ejection analogous to a coronal mass ejection first described by Thomas.

#### Conclusion

The accelerated [movement of the magnetic poles](#) is a sign that something significant is currently happening deep inside the Earth's interior, at its molten outer core.

The conventional explanation that this pole shift is merely a result of magma moving in the outer core portion under North America does not factor in the important role played by cosmic waves in penetrating deep into the Earth and influencing the core's activity.

The fact that cosmic rays are pouring into the Earth due to a weakened magnetic field and solar minimum, and this may be triggering an ejection of neutral matter from the Earth's core into the mantle and surface, needs be seriously considered.

Furthermore, **the fact that the CIA classified Thomas' book ([The Adam and Eve Story](#))**

sometime after its 1963 publication and only declassified it in 2013, suggests that his concepts and theory of the dynamics of the inner Earth and associated pole shifts needed to be suppressed since they contained important truths that could destabilize society.

At this time in our collective history, as cosmic rays are impacting our planet at increasing levels, we need to better understand how cosmic rays influence both our planet and the Sun during its period of minimal solar activity.

We need to pay particular attention to evidence that our solar system has entered a region of the galaxy with increased levels of cosmic ray energy, and how this might trigger the solar flashes (micronovas) and geophysical pole shifts that occurred in our distant past.

Recently, I was reading the book of Revelation in the Bible regarding another issue, and when I came to Revelation chapter 8, I was suddenly struck by the cosmological language of the chapter. I previously read Doug Vogt's books, which make many references to Biblical events and unusual activities in the narrative as described from a Biblical view point. I have been subscribed to Ben Davidson's web site 'Space Weather News' for several years and read it without too much discernment up until I read Doug Vogt's book 'God's Day of Judgment; The Real Cause of Global Warming'. I was reading this book throughout 2020 and early 2021, as a distraction to take my mind off of the Covid bovine excrement.

Doug Vogt predicts a Solar micro nova will take place in October 2046. Ben Davidson expects such an event to occur in the 2030s to the 2040s.

***“When the Lamb opened the seventh seal, there was silence in heaven for about half an hour. Then I saw the seven angels who stand before God, and seven trumpets were given to them. And another angel came and stood at the altar with a golden censer, and he was given much incense to offer with the prayers of all the saints on the golden altar before the throne, and the smoke of the incense, with the prayers of the saints, rose before God from the hand of the angel. Then the angel took the censer and filled it with fire from the altar and threw it on the earth, and there were peals of thunder, rumblings, flashes of lightning, and an earthquake.***

***Now the seven angels who had the seven trumpets prepared to blow them.***

***The first angel blew his trumpet, and there followed hail and fire, mixed with blood, and these were thrown upon the earth. And a third of the earth was burned up, and a third of the trees were burned up, and all green grass was burned up.”***

I began to ask myself could these verses in Revelation show that John of Patmos foresaw a Coronal Mass Ejection, a coming massive CME event in the coming near future. What could a massive CME event look like on earth? Many astrophysicists have



stated that a huge CME would erupt off of the sun at 2 million + degrees Fahrenheit and would reach earth in less than 30 minutes, at this point the CME would be a literal lake of fire 6,000-10,000 degrees Fahrenheit. It would hit our upper atmosphere and cause such a tremendous amount of pressure onto the stratosphere causing the atmosphere to compressed into large ice crystals or hailstones. As this CME moves past this point it would annihilate anything in the sky planes and birds mostly causing massive amounts of blood if not boiled to rain down from the sky. Then it would hit the earth's surface and make the earth explode in fire burning up anything it's path most say anywhere from a half of the earth to a third of the earth would be burned or on fire.

Sounds a lot like what is going on in Revelation 8:7 does it not? A lot of scholars also point to Isaiah 24:19-20 as foretelling a CME causing the earths poles to shift,

***“The earth is utterly broken,  
the earth is split apart,  
the earth is violently shaken.  
The earth staggers like a drunken man;  
it sways like a hut;  
its transgression lies heavy upon it,  
and it falls, and will not rise again.”***

This verse also seems to line up with Revelation 6:12-17,

***“When he opened the sixth seal, I looked, and behold, there was a great earthquake, and the sun became black as sackcloth, the full moon became like blood, and the stars of the sky fell to the earth as the fig tree sheds its winter fruit when shaken by a gale. The sky vanished like a scroll that is being rolled up, and every mountain and island was removed from its place. Then the kings of the earth and the great ones and the generals and the rich and the powerful, and everyone, slave and free, hid themselves in the caves and among the rocks of the mountains, calling to the mountains and rocks, “Fall on us and hide us from the face of him who is seated on the throne, and from the wrath of the Lamb, for the great day of their wrath has come, and who can stand?”***

What follows is my study of both the English and the Greek text of Revelation 8, based upon the original Greek Textus-Receptus.

***“And when he had opened the seventh seal, there was silence in heaven about the space of half an hour.”***

**8:1.** After the interlude of chapter 7, John saw the Lamb opening the seventh seal. Suddenly all the music, the singing, the shouting around the throne stopped. Silence reigned for about half an hour. Up to this time all the attention was on the throne and the persons and what was happening around it. Great events were about to take place. It was the silence of expectation. All creation, in heaven and earth, stood at attention. The

attention is about to be focused on the Earth and the horrors about to come. The seventh seal leads into the judgments of the trumpets which follow.

In a way, the silence in heaven could be seen as the calm before the storm—the storm of final judgment coming upon the Earth. The silence emphasizes the importance and impressiveness of the seventh and final seal. With the opening of the seventh seal comes a climax in the Day of the Lord. Evil has had its day; now the Lord will have His.

***“And I saw the seven angels which stood before God; and to them were given seven trumpets.”***

**8:2.** Now John saw seven angels which had been standing and were still standing before the throne of God in readiness to do His will. They are not named or otherwise identified, but they had already been selected to receive the seven trumpets which were now given to them. The trumpets here were probably straight silver trumpets like those used in the tabernacle -(Numbers 10:2) and the temple -(2 Chronicles 5:12). They were also used in battle -(Numbers 10:1-10; 31:6; Hosea 5:8).

***“And another angel came and stood at the altar, having a golden censer; and there was given unto him much incense, that he should offer it with the prayers of all saints upon the golden altar which was before the throne.”***

**8:3.** Not only does the heavenly temple have a throne and a sea or laver; it also has a golden altar of incense before the throne. It is a reminder that the earthly tabernacle was built according to the pattern God showed Moses in Mount Sinai -(Exodus 25:9). As Hebrews 9:3, 4 recognizes, "the holiest of all," that is, the inner sanctuary, had the golden censer, and even though in the tabernacle and temple the golden altar of incense was in the Holy Place, it was at the entrance of "the holiest of all," and belonged to the Holy of Holies. Hebrews also says ***"Christ is not entered into the holy places made with hands, which are figures of the true; but into heaven itself"*** - (Hebrews 9:24). Thus, what John saw in heaven is the reality of which the earthly tabernacle was just a type.

John saw another angel, not one of the seven, who came at this point and stood at the altar holding a golden censer or fire pan. He was given "much incense" that he might "offer it with the prayers of all saints upon the golden altar." "Much incense" indicates a great number of prayers, probably the prayers of the saints of all ages, primarily prayers that included the petition, ***"Thy kingdom come."*** It indicates that the judgments of God's wrath are necessary for the fulfillment of the hopes and desires of the saints for the fullness of their inheritance in Christ. As Daniel 2:34, 35, 44, 45 prophesied, the present world order and all it has inherited from the past must be destroyed before Christ's kingdom can fill the earth. Satan knows this. He also knows his time is short, and he is behind the false religions, false cults, false ideas of toleration of sin, and the false "new age" ideas. All of these are trying to destroy Christianity. But Christ is victor.

***“And the smoke of the incense, which came with the prayers of the saints, ascended up before God out of the angel's hand.”***

**8:4.** Kittle insists the incense here symbolizes the prayers of the saints, as in 5:8 (p. 146). Ladd on the other hand believes that since the incense was given to this angel, it was mingled with the prayers of the saints (*Revelation*, pg. 125). The angel's action shows that the prayers must come before God by way of the altar. The cloud of sweet-smelling smoke that arose when the angel poured the incense on the altar symbolizes God's acceptance of the prayers. Jesus, of course, made the way, for He ***“loved us, and hath given himself for us an offering and a sacrifice to God for a sweetsmelling savor”*** -(Ephesians 5:2). Now these prayers, stored up throughout the centuries, are about to be fulfilled.

***“And the angel took the censer, and filled it with fire of the altar, and cast it into the earth: and there were voices, and thunderings, and lightnings, and an earthquake.”***

**8:5.** The same fire on the altar that made the incense and the prayers of the saints sweet and acceptable to God was now poured out on the earth. The angel filled the fire pan, which indicates the severity of the coming judgments of God's wrath.

When the fire hit the earth, John, who in vision was still in heaven at the throne, heard sounds similar to those that accompanied the giving of the Law at Mount Sinai -(Exodus 19:16, 18, 19; 20:18). Here, however, these sounds indicated God was about to pour out judgments on the earth.

We are not told what the voices are, but the same word is used of the sound (or "voice") of a trumpet -(cf. Zephaniah 1:14-16, which speaks of the great Day of the Lord). Thunder and lightning are used frequently in the Old Testament to show God is bringing a storm of judgment on sinners -(1<sup>st</sup> Samuel 2:10; 7:10; Job 26:14; Psalms 18:13, 14; 77:18). Isaiah also prophesied, ***“Thou shalt be visited (in judgment) of the Lord of hosts with thunder, and with earthquake, and great noise, with storm and tempest, and the flame of devouring fire”*** -(Isaiah 29:6). All these things John heard, along with the earthquake, must have had an effect like the sights, sounds, and the shaking at Sinai. They would surely cause the people on earth to tremble, just as the ancient Israelites did -(Exodus 19:16).

***And the seven angels which had the seven trumpets prepared themselves to sound.”***

**8:6.** Now the interlude is over. The prayers of the saints have been offered, the earth has been warned by the storms and the earthquake. The time of fulfillment has come. The seven angels have fully prepared themselves, and they lift their trumpets ready to sound them, undoubtedly waiting until God gives the signal to each in turn. -(See Psalm 103:20, 21.)

The plagues which follow the sounding of the trumpets are **partial judgments with one-third of the world affected**. They are poured out on a sin-hardened world. We are not told whether this percentage means one-third of the earth's surface will be so devastated, or whether the plagues will affect all the world with the total equaling one-third. Whichever is the case, consternation will sweep around the world as the news of the disasters spreads. The media will use all their resources to relate what has taken place. **A solar micro nova CME would impact one-third of the Earth's surface!**

As in the case of the seals, the first four trumpets form one group, followed by two that are distinct, and then by one final trumpet.

***“The first angel sounded, and there followed hail and fire mingled with blood, and they were cast upon the earth: and the third part of trees was burnt up, and all green grass was burnt up.”***

**8:7.** The language used to describe the hail and fire mixed with blood is like that used in connection with the seventh plague God brought on Egypt through Moses -(Exodus 9:13-35), but this plague is far more serious. The mention of blood reminds us of Joel's prophecy -(Joel 2:31; Acts 2:19).

It seems this hail and fire were already mingled with blood when they appear in the heavens and are cast down upon (or, into) the earth. The chief effect will come from the fire which will burn up a third of the trees and all the green grass. In this it will be different from an ordinary forest or grass fire which usually comes when the grass or trees are parched and dry, not green. Though God will use hail and fire, there is no explanation of how it came to be mixed with blood. It is clearly a supernatural judgment.

A large segment of the population will be touched adversely by this plague. It will certainly affect agriculture, for many crops will be destroyed. This in turn will have an effect upon prices and lead to economic ruin for many. Nothing is said about any people being hurt or killed, though it is a dreadful possibility. It should be a warning to the entire world.

***“And the second angel sounded, and as it were a great mountain burning with fire was cast into the sea: and the third part of the sea became blood;”***<sup>^</sup>

**8:8.** After the fire consumed on the land, the second angel blew his trumpet and something that looked like a great mountain mass appeared, and it was aflame with fire. It seems this also appeared in the heavens and was cast down into the sea. Morris speculates that this might be an asteroid or some mass of rock and combustible gases from outer space that ignites when it hits the earth's atmosphere (pp. 146f.). Again, it is not an accidental happening. God will direct it. It will fall into the sea at His timing when the second trumpet sounds. Its mighty impact might shake the earth, and certainly all will know about it.

As the initial result a third part of the sea is affected and becomes blood. (Compare the first of the 10 plagues on Egypt where the River Nile became blood. Exodus 7:17-21.) Some understand this to mean that the water will be transformed by God's creative power into actual blood. Others think the blood of dead sea creatures will make it bloody. Still others compare it to the "red tides" filled with dead and poisonous microorganisms which have sometimes appeared in the oceans even in modern times.

***“And the third part of the creatures which were in the sea, and had life, died; and the third part of the ships were destroyed.”***

**8:9.** With a third of the sea turned to blood a further result was that a third of all fish, whales, and other sea creatures died. Then a third of all the ships were destroyed, totally ruined. It may be that the impact of the mountainous mass hitting the sea causes tremendous waves which will sink some ships and destroy those at anchor near the shore. This will have a disastrous effect on the world's food supply and the world's commerce as well. Though it is not stated, the destruction of the ships must bring a great loss of human life as well.

***“And the third angel sounded, and there fell a great star from heaven, burning as it were a lamp, and it fell upon the third part of the rivers, and upon the fountains of waters;”***<sup>^</sup>

**8:10.** At the sounding of the third trumpet John saw a great star fall from heaven. It too was burning, with the appearance of the flame of a lamp or a torch; that is, with the flame streaming behind it as it fell. It apparently does not affect the land, but poisons the rivers and fountains (including everflowing springs and wells).

The Greek word for star **-(aster)** was also used for planets, meteors, and any other heavenly body. It is also used metaphorically for angels, men, and even Christ. Commentators such as Lang view this and the preceding mountainous mass to be fallen angels cast out of heaven to wreak havoc on the earth (pg. 169). But there is nothing in the passage to indicate anything other than a physical heavenly body, possibly a number of meteorites on fire by friction with the atmosphere; though, in contrast to the preceding mountainous mass, this may be mostly liquid. It could be that this bitterness will be specially created by God to break up and dissolve in the rivers, springs, and wells, turning them into the bitterness of wormwood.

***“And the name of the star is called Wormwood: and the third part of the waters became wormwood; and many men died of the waters, because they were made bitter.”***

**8:11.** Wormwood, the name of the star, **(apsinthion)** is taken from the name of a plant with very bitter juice. It is used in the Old Testament to represent the bitter results of sin -(Proverbs 5:4, 5; Jeremiah 9:15), and is sometimes connected with gall -(Deuteronomy 29:18; Lamentations 3:19). The plant is also called hemlock in the King James Version - (Amos 6:12), but it is probably not the Greek hemlock, but a plant of the genus

**Artemisia.** The star has its name because it makes the water in a third of the rivers, springs, and wells bitter as wormwood. Ordinary wormwood from the plants known by that name does not usually cause death. But this star does cause many human beings (**anthrōpōn**) to die. Thus, the star does make the water poisonous. The Greek (**ek**) indicates that drinking the poisoned water will be the cause of their death.

Since a third of the waters will be poisoned, the "many men" will probably include a large percentage of the population. This repetition of judgment on a third part of the trees, grass, sea creatures, ships, waters, and now people, should let the people who remain on earth know these judgments are not by chance or by accident, but are divine warnings. If they had not been deceived by the Antichrist, they would repent and cry out to God for forgiveness.

***“And the fourth angel sounded, and the third part of the sun was smitten, and the third part of the moon, and the third part of the stars; so as the third part of them was darkened, and the day shone not for a third part of it, and the night likewise.”***

**8:12.** John saw in his vision that the first three trumpets affected the earth. The fourth brought a mighty blow that struck the sun, moon, and stars, so that they were darkened. This does not mean merely a lessening of their light, however, for in a third part of the day the sun did not shine at all, and in a third part of the night, the moon and stars gave no light at all. This was to be a temporary situation, however, for later on the heat of the sun is increased.

The Bible gives no indication of what it was that struck such a blow. Darkness was often used by God as judgment. Joel spoke of the **"day of the Lord"** as a day of darkness - (Joel 2:2). Amos warned the sinning Israelites of his day that, for them, the "day of the Lord" would be darkness and not light -(Amos 5:18). Zephaniah 1:14, 15 called it a day of wrath as well as darkness and thick darkness. -(See also Isaiah 13:10; Mark 13:24.) Jesus also used darkness to describe the final state of the wicked -(Matthew 8:12).

Darkness was also one of the plagues in Egypt. The use of the language of the plagues in Egypt probably is meant as a reminder that these judgments are the fulfillment of promises to judge the enemies of God's people. But this darkness is quite different from the plague of darkness that fell on Egypt. In this judgment God will somehow cause the light to be lessened. He will also cause the sun to be totally obscured for the third part of the day, and He will totally obscure the moon and stars for the third part of the night. **Most commentators agree there is no naturalistic explanation of how this could take place. The God who created the universe controls it. This judgment is, like the others, supernatural. The Bible does not say anything here about the effect on the earth.** It will undoubtedly cause a drop in the earth's temperature and upset the ordinary course of the winds and the weather. God's purpose here, as before, will be to let the world know this is not by chance, that there is still opportunity to repent. Though a holy God must judge, He does not really will any to perish -(2 Peter 3:9).

***“And I beheld, and heard an angel flying through the midst of heaven, saying with a loud voice, Woe, woe, woe, to the inhabitants of the earth by reason of the other voices of the trumpet of the three angels, which are yet to sound!”***

**8:13.** The fourth trumpet of John's vision was followed by a brief interlude where an angel flying (probably flying back and forth) in midheaven brings further warning to the earth. Many ancient manuscripts and most of the ancient Latin and Syriac translations have "eagle" instead of "angel" in this verse. The Greek word for "eagle" is also used to mean "vulture." Thus, Caird sees this as a vulture symbolizing judgment and pronouncing these woes upon the inhabitants still living on the earth (*Harper's New Testament Commentaries, Revelation*, pg. 117).

Whether it is an angel, eagle, or vulture, or possibly a cherub or seraph in the form of an eagle, the threefold repetition of "Woe!" is for emphasis. God wants the world to know that though the first four trumpet judgments were bad, what follows will be worse. The effects on the physical universe will be striking, unusual, and demonic. The seventh trumpet will also lead into the seven vials or bowls of God's wrath, which will be more complete judgments. They will be calamities from which no one can hide.

The Diehold Foundation is the only organization that has discovered the mechanism that causes the polar reversal and ice age. Doug Vogt describes these events this way:

### **The Causes of the Ice Ages and Geomagnetic Reversals (Polar Reversals).**

#### **The Problem—Why is the Earth Getting Warmer?**

The global warming issue has two competing scientific camps. One side claims that global warming exists and is caused by human made CO<sup>2</sup> emissions which is heating up the atmosphere, resulting in global warming. The other camp says there is global warming but it mirrors the Sun's output such as changes during the sunspot cycles. I fit into the Sun side of the argument, but both sides have no idea why the Sun's output has been periodically increasing since the 1890s.

#### **The Riddle of the Ice Age:**

The problem with current ice age models are, they can only explain a few of the known facts that happened during these periods. Scientists do not know why they happen cyclically through time or why only the Pleistocene period (11,000 years BP to 1.8 million years BP) exhibited repeated ice ages and ice recessions. They do not know why all ice ages are preceded with a geomagnetic polar reversal. We know there was a great mass extinction of species following the polar reversal and ice age but they do not understand why the extinctions affect both plants and animals worldwide. The most difficult problem to explain, using the traditional models, is the creation of new species immediately after the polar reversal and ice age. There are many more phenomena the traditional models cannot explain, but that has not stopped many scientists from presenting their model (explanation) for some of these phenomena.

Scientists have been trying to figure out the ice age riddle for about 100 years. It should be obvious to everyone by now that the underlining philosophy that creates their models is wrong. The problem is that egos and inertia of the academic community and their institutions prevent change. Not to be too brutal on them but the next polar reversal and nova will solve the problem of their egos and academic rigidity. The question then is: will there be anybody left?

### **The Problem is the Matter Oriented Theory of Existence.**

Our science is based on a matter-oriented theory of existence, which assumes that matter is the dominant driving force in the Universe. Energy and light are explained as the changes in the states of matter. All scientific models are derived from this base philosophy. If this philosophy is wrong than all models built on this basic premise will be wrong.

The only other alternative to explain the workings of the Universe is an information theory of existence. This philosophy holds that Information is the dominant force in the Universe and matter is the product of information. The information derives from another time-space dimension. Mr. Vogt's information theory of existence is called **The Theory of Multidimensional Reality** and his three books explains the basic philosophy. The first iteration on the theory was in *'Reality Revealed, The Theory of Multidimensional Reality'* (1978). The second iteration was presented in Chapter 3 of *'God's Day of Judgment, the Real Cause of Global Warming'* (2007). The third iteration of the theory is in the latest book *'The Theory of Multidimensional Reality'* (2015). This is the world's first information theory of existence.

Even Stephen Hawking, a few years ago, corrected his earlier idea about the end of the Universe collapsing down to the size of a grapefruit, to the idea that after the collapse the Universe then goes to information. He also corrected his previous theory about black holes, which stated that when matter entered a black hole it was destroyed. His new theory is that the matter is not destroyed but goes to information. These two ideas were stated back in 1978 in Chapter 6, page 170 of *'Reality Revealed.'*

### **What is Going to Happen.**

#### **The sequence of events that created the Ice Age**

We will divide the ice age and polar reversal into three time periods, the first being 50 years leading up to the polar reversal and the ice age. The second part being the actual polar reversal, ice accumulation and other events that occurred within 11 years of the reversal. The last part is the aftermath. The following is a condensed version. Chapter 8 in *'God's Day of Judgment'* has the complete explanation and all the proofs. Samples of Chapter 8 can be read on [www.vectorpub.com](http://www.vectorpub.com).

#### **50 Years before**

The polar reversal is caused by a clock cycle that runs through time. This clock cycle crosses the x-axis every 12,068 years. Some might call this a zero-point energy event. A complete cycle would represent two polar reversals, or 24,136 years.



The magnetic field of the Earth will start decaying within 50 years of the actual polar reversal, but the decay will start to exponentially decay as we get within 7 years of the reversal. The magnetic field does not have to go to zero before it snaps to a reversed polarity. As the magnetic field decays, it will create increased heat in the core of the Earth. The additional heat will rise towards the surface and manifest itself in the form of increased volcanoes and earthquakes. The increase in earthquakes is a result of the continental plates sliding more easily against each other. The increased heat of the mantle of the Earth's, upon which the plates "float," will become more lubricated, enabling them to move or fracture more easily. The increase in volcanic activity goes along with that process.

The Earth's rotation will start slowing down in this period of time, resulting in the necessity to add seconds, then minutes to our clocks. Weeks, and maybe months, before the reversal the Earth's rotation will slow down markedly, maybe resulting in 28-hour days.

The Sun will also be affected by its own collapsing magnetic field. The Sun's output will start increasing over 140 years before the final reversal. The increased solar output will start heating up the surface of the Earth. Sea surface temperatures will rise during sunspot cycles, successively increasing, as we get closer to the reversal. The polar ice caps and glaciers will start melting, resulting in ocean levels rising. Before the polar reversal, most of the ice caps and glaciers may have melted. The increased sea surface temperature will create more violent and frequent storms worldwide. The increase in solar output will create additional levels of ultraviolet light hitting the Earth. This will deplete the ozone layers in the upper atmosphere during the sunspot maximums.

### **The Polar Reversal**

The actual polar reversal occurs in one day. There is a complex series of events that will happen on that day. I will start with what happens to the Sun.

### **What Happens on and in the Sun**

The collapsing magnetic field deep inside the Sun will create a large spike of energy that will cause the matter and dust shell on the surface, to expand very rapidly. This event we would call a stellar nova. I estimate the speed of the dust shell to approach 1,550 miles per second. My best estimate for the energy output during the nova is no less than 2,000 times the normal energy output. The equatorial region of the Sun will blow outward along the planetary plane, hitting each planet as the dust shell expands rapidly. As the hot dust/matter shell hits each successive planet, it will push the planets a little further away from the Sun. After the nova the planets will receive a little less energy from the Sun. The planets also lose some of their atmosphere and surface liquids. Eventually, the dust/matter shell will lose enough momentum and stall out somewhere past Neptune. This is called the Kuiper belt.

After the Sun's matter shell has been expelled, it will give off mostly ultraviolet light but not that much radiant heat. The Sun will remain that way until the matter shell can form around it again, and that may take a number of sunspot cycles.

### **The Rotation of the Earth**

At the exact time of the polar reversal the Earth will stop its rotation and remain still for seven to eight hours. The forests and buildings on the Sun-side of the Earth will combust if the plants are not flooded by the ocean or nearby lake. Not only will heat affect plants and animals, but the Sun will produce a massive dose of cosmic and gamma rays, which will reach the Earth within 10 to 15 minutes after the reversal. This cosmic particle pulse may last 10 to 30 seconds with the potential to alter the genes/DNA of both plants and animals, including humans. Now you know what creates new species based on older species. [This might explain such phenome as Sasquatch, Big Foot, the Greys, Mothman, Skinwalker, Jersey Devil, Humanoids, and other strange beings.]

### **The Solar Dust Shell**

The people on the Sun-side of the Earth will be able to see the Sun expanding, and the solar disk getting larger as it expands towards the Earth. I estimate the dust shell will take between 17 to 18 hours to hit the Earth. The dust shell will not necessarily hit the side of the Earth that faced the Sun, at the moment of the polar reversal, because 18 hours will have passed and another side of the Earth will be facing the Sun. When the dust shell hits us, it will deposit vast quantities of dust and rock on one-half of our Earth.

### **Solar Evaporation of Ocean Water and the Snow**

The nova will also evaporate at least 600 feet of ocean water, worldwide. Some of this water will be lost into space, carried away by the expanding dust shell. Some of it will appear to us as returning comets. Most of the water will remain in the atmosphere as superheated water for several days to a week. As the atmosphere cools down it will start to rain hot rain. As it cools further the rain gets colder until it turns to snow. Lots of snow and it will keep snowing for the next 40 to 50 years until most of the moisture is rung out of the atmosphere.

If you could see the Earth from space just after the Nova, you would see it with a thick tail, pointing away from the Sun. It will be made up of dust and ice crystals. Eventually the debris tail will disappear over several thousand years, as the Earth's gravity brings the material back into the upper atmosphere.

### **Fast Frozen Animals on the Back Side**

Just after the solar dust shell passes the Earth, the dust shell side will have extremely low atmospheric pressure because the dust shell would have blown most of the atmosphere away on that side, we just do not know how much. The backside of the Earth will temporarily have normal atmospheric pressure, but that condition will not last long. Very shortly after the dust shell passes by, the normal atmosphere on the backside will expand very rapidly to fill up the front side (dust shell side) of the Earth. Two things will result from this process: The first will be extremely high-speed winds traveling around the Earth from all four corners of the globe, to fill up the extremely low atmospheric pressure on the dust shell side. The second consequence of this process is revealed in Boyle's law: *"If a given weight of gas is considered and if its temperature is held constant, the pressure and volume of the gas will be inversely proportional."*

Applying this law to the conditions that will be present on the backside of the Earth, the atmosphere will expand very fast and, therefore, the temperature will drop to extreme levels, possibly below -180 degrees Fahrenheit below zero. Any life forms caught out in the open, or even in the average building will be fast frozen almost instantly!

### **The Oceans**

When the Earth stops its rotation, all the water in the oceans and lakes will continue to travel in the former easterly direction of the Earth's former rotational velocity. It is like walking at 5 miles-per-hour with a pan of water and you stop abruptly. The water keeps on going at 5 mph. Just before the reversal, the Earth may only be rotating at 800 mph, instead of the normal 1,000 mph (at the equator), because the rotational rate will have slowed down considerably. I would expect the wave-speed to slow down considerably after the first hour on land. Many factors will determine the speed of the wave, such as land elevation, forest ground cover, gravity and the heat blast from the Sun.

Depending on how long the Earth remains at rest will determine how far this immense Ocean wave will travel across the continents. When the Earth resumes rotation it will be in the reverse direction than previous. This action will make the tidal wave appear to once again speed up, but really it's because the Earth would be now rotating in the opposite direction of the wave. I believe it is not unreasonable to assume the speed of this massive tidal wave would average about 350-miles-per-hour. Within a week, this massive ocean wave will have returned to the ocean basins. As it returns, it will naturally follow the river basins leading to the sea, cutting deeper into existing deep-sea canyons. Some deep-sea canyons currently cut down to over 11,000 feet below sea level.

Brooks Agnew who writes the American Free Radio Newsletter a decade or more ago tells how he and his wife had built their home on the New Jersey shore area, and once learning about the ocean movement in such an event sold their beautiful home and moved inland to Madisonville, KY. Madisonville, KY is located off I-69 between Nashville, TN and Evansville, IN in western Kentucky. Brooks Agnew is an engineer and well-known radio speaker on many programs such as '*Coast-to-Coast AM*' with George Noory, '*Caravan to Midnight*' with John Wells; and many other venues like History Channel, Discovery Channel, National Geographic, Science Channel, Veritas Radio, etc. Brooks hosts the radio program X-Squared radio on Sunday nights from 8-11 pm.

### **The Rotation of the Earth and Major Earthquakes**

The rotation of the Earth should resume within seven or eight hours after the reversal point, but in the opposite direction. Currently the Earth rotates from west to east. After the reversal it will rotate from east to west, so the Sun will rise in the west and set in the east. Not only are the oceans affected by the polar reversal, but also the crust of the Earth. Just as the Oceans "swim" on the crust of the Earth, the crust of the Earth "swims" on the heated-up mantle. The continental plates are also traveling at the Earth's previous rotational velocity at the time of the reversal. They will start banging up against each other thereby causing massive earthquakes lasting for weeks of constant shaking

(over eight on the Richter scale) until the plates stabilize. Mountains will be pushed up and some may sink.

### **Volcanoes**

Volcanoes will erupt worldwide because of the increased heat in the Earth's core and mantle, and the pressure put upon the magma chambers in the crust. The dust from many erupting volcanoes will further add particles in the atmosphere, which will help seed the dense clouds already present as a result of the massive evaporation from the nova. The lava and mud flows from these eruptions will also further reshape the surface of the Earth.

### **The Ice Age Comeith**

Within a few days of the nova, it will start raining scalding hot rain, which will turn to downpours of cooler and finally cold rain. Within 10 days it should start snowing worldwide because the Sun will not be giving off enough visible light and heat to warm the Earth. It will continue to snow until all the clouds and moisture are out of the atmosphere. This process may take 22 to 44 or more years. When it is done snowing the Earth will be mostly covered with snow and thick ice in the higher latitudes and or elevations. We will then be in the grips of a full ice age maybe for full 700-years!

### **What About Life**

The effects of the polar reversal on all forms of life, will be devastating. It is not difficult to understand why there is always a mass extinction of all types of species at the time of the polar reversal. I had heard over the radio that biologists had figured out that there was only 35 fetal females world-wide who survived the last Ice Age. Our job is to survive it, because the alternative is too depressing to think about. You now also understand the importance of what the author has discovered, and why God put the clues of this event within the Torah. If you do not care about yourself than think about your children or grandchildren. They should have a chance to survive this event.

### **The Moon**

The surface on the Moon will receive a dusting of particles and rocks from the Sun, in addition to the accumulation it has received from previous nova's. There will be additional small craters from the larger molten glass lumps expelled from the Sun. Immediately after the nova, the Moon will appear red because the nova will turn the surface red hot.

### **Mars**

Now you all know what happened to all the water and oceans on Mars. Over the hundreds of millions of years it lost most of its water and the planet was pushed farther and farther away from the Sun. Guess where the people of Mars immigrated to? I will give you a small hint. The translation of the name Giza means Mars.

### **The Aftermath**

Not all of the Earth will get enough snow to form a glacier. Some areas near the equator will not be in the grips of a full ice age. It should be colder than the last ice age because

we will be a little farther away from the Sun. Dense clouds will cover most of the Earth for 22 or more years until all the moisture has been rung out of it. The Glaciers will block rivers and streams and create ice dams that will be present for hundreds of years. When the dams finally collapse they will cause huge floods on the rivers effected. Eleven to twenty-two years after the polar reversal most of the snow and ice by the equators should have melted at the lower elevations (10-15° North and South). Animal life will start to come back in these areas. Small plants and trees will start to again appear. The oceans of the Earth will be over 500 feet below current sea level. Glaciers will be present in both Atlantic and Pacific oceans and extend down to the lower North and South Latitudes. The occurrence of frequent major earthquakes should continue for at least 15 years after the reversal, until the outer mantle of the Earth cools down and the crustal plates stabilize.

Ben Davidson says that each of these previous solar micro nova events struck the Earth at different times, and goes so far as to suggest the next one will likely hit the Pacific Asian region. Ben Davidson and Doug Vogt both believe that such an event enables those in the regions where a direct hit does not occur are survivable. He says the time to prepare is now! Keep in mind both these scholars see a solar micro nova within the next 25 years. Ben sees the general time range of 2030-2040s, while Doug Vogt is more specific on the date of October 10, 2046.

All of this brings me to the point where the genie is out of the bottle, and by that I am saying the governments of the world can no longer hide the truth from humanity. The Internet cannot be censored to try to jam this back into the bottle. From my point in life, I find the solar micro nova answer to be a credible explanation for so many strange things around our world. Particularly so why the “seed” bank was constructed in a coal mine at the edge of the Arctic Circle.

In 1984, the Nordic Gene Bank (now NordGen) began storing backup Nordic plant germplasm via frozen seeds in an abandoned coal mine outside of Longyearbyen. In 2001, the [International Treaty on Plant Genetic Resources for Food and Agriculture \(ITPGRFA\)](#) was adopted and national governments began to ratify the Treaty soon after. The Treaty establishes a multilateral system for plant genetic resources that includes providing access to the materials and providing mechanisms so that those who use the resources can share any derived benefits.

A team led by conservationist Cary Fowler, in association with CGIAR, actively campaigned for the development of the Seed Vault and approached the Norwegian Government. They conducted a feasibility study in 2004 and concurred that Svalbard was an appropriate location for long-term storage.

Also in 2004, the ITPGRFA entered into force and created the legal framework for having one international security facility. The FAO [Commission on Genetic Resources for Food and Agriculture](#) endorsed the initiative and in October 2004 the Norwegian Government committed to fund the Seed Vault and begin the construction.

The Seed Vault officially opened on 26 February 2008, although the first seeds arrived in January 2008.

As part of the Seed Vault's first anniversary, more than 90,000 food crop seed samples were placed into storage, bringing the total number of seed samples to 400,000. Among the new seeds included were 32 varieties of potatoes from Ireland's national gene banks and 20,000 new samples from the U.S. Agricultural Research Service. Other seed samples came from gene banks in Canada and Switzerland as well as international gene banks in Colombia, Mexico and Syria. This 4 t (3.9-long-ton; 4.4-short-ton) shipment brought the total number of seeds stored in the Seed Vault to over 20 million. As of this anniversary, the Seed Vault contained samples from approximately one-third of the world's most important food crop varieties. Also as part of the anniversary, experts on food production and climate change met for a three-day conference in Longyearbyen.

By 2013, approximately one-third of the genera diversity stored in gene banks globally was represented at the Seed Vault.

In October 2016, the Seed Vault experienced an unusually large degree of water intrusion due to higher than average temperatures and heavy rainfall. While it is common for some water to seep into the Seed Vault's 100 m (328 ft) entrance tunnel during the warmer spring months, in this case the water encroached 15 m (49 ft) into the tunnel before freezing. The Seed Vault was designed for water intrusion and as such the seeds were not at risk. As a result, however, the Norwegian public works agency [Statsbygg](#) completed improvements to the tunnel in 2019 to prevent any such intrusion in the future, including waterproofing the tunnel walls, removing heat sources from the tunnel, and digging exterior drainage ditches.

For the Seed Vault's 10th anniversary on 26 February 2018, a shipment of 70,000 samples was delivered to the facility, bringing the number of samples received to more than one million (not counting withdrawals).

According to *The Independent*, as of March 2020, the COVID-19 pandemic does not pose a risk to the vault "*as there are no permanent staff at the Svalbard facility.*"

As of June 2021, the Seed Vault conserves 1,081,026 distinct crop samples, representing more than 13,000 years of agricultural history. In 2019, the seed vault cost about 2.4 million kr (US\$282,000) to maintain.

Ben Davidson in one of his daily Q&A posts stated that when the next solar micro nova occurs, the Seed Vault will be located at the equator region where it will be needed to begin civilization all over again.

The "Doomsday Vault" lies within the Arctic Circle on the island of Spitsbergen, about halfway between mainland Norway and the North Pole. All that can be seen from outside the vault is the entrance — a futuristic jut of concrete, illuminated with blue-

green fiber optic lights. The rest of the building stretches into the mountainside, sunk deep into the rock and permafrost to keep temperatures low. It is designed to remain at -0.4 degrees Fahrenheit (-18 degrees Celsius), even without power. It's supposed to outlast humanity. That is not hyperbole, it is for real!

The vault was built to conserve something invaluable: seeds. Officially known as the Svalbard Global Seed Vault, this is a backup facility for the 1,700 seed banks around the world. It's a library of diversity and a time capsule of agricultural history, designed to safeguard the world's most important crops from catastrophe — including war, disease and, increasingly, the impact of climate change.

*“Just like you have your computer and you want to back up your hard drive and make sure that your data is at another location — that’s the purpose of the seed vault at Svalbard,”* said Hannes Dempewolf, senior scientist at the Crop Trust, the international nonprofit that manages the seed vault together with the Norwegian Ministry of Agriculture and Food and the Nordic Genetic Resource Centre (NordGen).

The vault now holds seeds representing more than 5,000 species, provided by local seed banks from nearly every country in the world. The aim is to store a copy of every unique seed that currently exists in the global network of seed banks.



The Svalbard Global Seed Vault is the centralized backup system for seed banks around the world. Its goal is to preserve crop diversity for future generations.

If this article has got your attention and you want to learn more, I suggest that you view Ben Davidson’s video You Tube play list. The link will be below on the next page.

Ben Davidson's Earth Disaster

Playlist: <https://www.youtube.com/playlist?list=PLHSoxioQtwZf1-8QeggXIVdZ-abyJXaO1>

I have been working on this article for some length of time and this morning in my mail box was a discovery that supports the content of this article and should not be ignored, particularly if you are a member of the Millennial generation. We have known for many years that Mastodons with undigested grass in their tummies were found "flash frozen" in place, in northern Siberia. There have been other findings in the South Pole which governments have kept secret, with minimal information leaking out.

### **Oldest DNA Reveals Two-Million-Year-Old Lost World**

*Published on December 12, 2022*

Written by BBC



The most ancient DNA ever sequenced reveals what the Arctic looked like two million years ago when it was warmer.

Today the area in North Greenland is a polar desert, but the genetic material, extracted from soil, has uncovered a rich array of plants and animals.

The scientists found genetic traces of elephant-like mastodons, reindeer and geese that roamed among birch and poplar trees, and of marine life including horseshoe crabs and algae.

The research is [published in Nature](#).



Prof. Eske Willerslev, who carried out the study, from the University of Copenhagen and the University of Cambridge said that this mixture of Arctic and temperate species living side by side has no modern equivalent.

The research was conducted in an area called the Kap København Formation, which is in the northernmost part of Greenland.

Until now, it's been hard to turn back the clock and see what this region was like two million years ago. Animal fossils from this period are extremely rare there.

"In fact, from the Kap København, the only animals that have ever been discovered through macro fossils are a hare's tooth and a dung beetle. So people had no idea what kind of fauna was there back then," explained Prof Willerslev.

Instead, the team turned to environmental DNA – or eDNA. This is genetic material that is shed from plants and animals – for example, from skin cells or droppings – and accumulates in their surroundings.

It's a technique that's now widely used in conservation. For example, studying the DNA found in a drop of sea water can reveal all of the creatures that have lived in a patch of ocean, even if you can't see the individual animals yourself.

In Greenland, the team used ancient soil samples to look back in time at the biology of the Early Pleistocene Epoch.

They found a forest ecosystem, with Arctic shrubs, herbs, ferns and mosses growing among the trees.

Among the discovery of DNA from creatures like rodents, reindeer and geese, the unearthing of mastodon DNA was a surprise – Prof Willerslev told the BBC no one had found the elephant-like creatures in Greenland before.

Two million years ago, North Greenland was much warmer than it is now. The average annual temperatures were about 11-19C hotter.

"What it really tells us is that the plasticity of biological organisms – in terms of where they can live and the plants or animals that can live together – is way larger than what we thought," he said.

Extracting and sequencing the DNA from the soil wasn't easy – it took the team years to work out the best technique to use. They even thought it might not be possible for genetic material to survive this long.

Prof Willerslev said: *"I wrote a paper in 2005, where I said I thought DNA would not survive for more than a million years, and here we are with DNA that's two million years old."*

He thinks a chemical reaction between the DNA and the soil slowed any degradation.

*“DNA is electrically charged molecules, and many of the minerals we see in the soil are also electrically charged. Therefore, the DNA will basically bind to solid minerals, and when it does this, it reduces the rate of spontaneous degradation.”*

If more environmental DNA is found to survive at other sites, the discovery could change the way we view the ancient world.

As I have been studying the Greek text of Revelation 8 and related passage, I have to admit that certain passages sound very much like they are alluding to a Corona Solar Micronova event! I can relate to the writings and You Tubes of Doug Vogt and Ben Davidson from my two years of Geology in college, one of my two science requirements for graduation. The Internet has been extremely important to reconcile differences that once puzzle mankind. Let's be clear, in my understanding there is no conflict between science and the Bible, rather complement each other in the scope of understanding our world. I believe we should maintain an open mind as new findings are made known for whatever time we have. I am on borrowed time based upon Psalm 90:10.

I have been a “Truth” Seeker for more than six decades and have followed the premise of what I believe in my heart has to first make sense in my mind. That said I trust that the Lord will say, *“Well done, good and faithful servant!”* at the Bema Seat moment!

Blessings,

Pastor Bob, [EvanTeachr@aol.com](mailto:EvanTeachr@aol.com)  
[www.pastorbobreid.com](http://www.pastorbobreid.com)