

# "This is the way the world ends, not with a bang, but a whimper" ....T.S. Elliot

Some say the world will end in fire,  
Some say in ice.  
From what I've tasted of desire  
I hold with those who favor fire.  
But if it had to perish twice,  
I think I know enough of hate  
To say that for destruction ice  
Is also great  
And would suffice.

(Robert Frost)

*"There have been and there will be many and diverse destructions of mankind, of which the greatest are by fire and water, and lesser ones by countless other means. For in truth, the story is told in your country, as well as ours, how once upon a time, Phaethon, son of Helios, yoked his fathers chariot, and because he was unable to drive it along along the course taken by his father, burnt up all that there was on the earth, and he himself perished by a thunderbolt. That Story, as it is told, has a fashion of legend, but the truth of it lies in the occurrence of the shifting bodies in the heavens which move around the earth, and a destruction of the things on the earth by fierce fire, which recurs at long intervals..."*

*Plato, as related to his grandfather Solon by Sonchis of Sais, 594 BC*

**There are as many different scenarios out there as there are people to entertain them.**

Here is a brief summary of the more popular ones....

## ***Progress Overload (Kurtzwell) - TimeWave Zero (McKenna) - Novelty Theory***

Interesting theory that technology has been accelerating and will soon reach a critical point (singularity) in the coming years to 2012.

(Progress Overload) (Timewave Zero)

Technological complexity doubles every 2 years, (Moore's Law), if projected forward, the complexity outstrips the human brain in the near future. Interestingly, in April of 2005, in an

interview, Moore stated that the law cannot be continued indefinitely. "It can't continue forever. The nature of exponentials is that you push them out and eventually disaster happens..."

(Novelty Theory)

Very similar to the above. Outstanding events (novelties) are happening on an exponential timescale. This geometric progression can be overlaid on a map of 'novel events', such as 9-11, or WWII. When overlaid like this, the acceleration predicts change at an increasing rate, with a blur of change as we approach 2012.

### ***Epidemic/Pandemic -***

With the advent of the 'superbugs', or with an 'accidental' release of known pandemics such as smallpox, combined with the rapidity of transportation, no corner of the world is safe from infection. See the recently released information about 'weaponizing' the Avian Flu Virus.

Apparently the details on how to weaponize the Avian Flu have just been published, see this article in the [UK Register](#).

### ***Asteroid Impact -***

Latest news gives us until 2040 before asteroid **2011 AG5 impacts** with the Earth. This is serious enough for the government to be involved in developing methods to alter the course. Over 400 NEO's have been discovered in recent years, many which will eventually impact the Earth.

Both **Revelation (8:10)** , and Nostradamus, foresee a major asteroid impact in the Atlantic Ocean in the future.

There is speculation that the Mayan Baktun cycle is actually a measurement of the period of a long term comet returning every 5,125 years.

Currently, comet Enke is believed to have brushed Earth on 4 previous occasions causing, among other things, mass extinctions, famines, and civilization restarts throughout the middle east.

### ***SuperVolcano -***

"An area the size of North America can be devastated, and pronounced deterioration of global climate would be expected for a few years following the eruption," Self said. "They could result in the devastation of world agriculture, severe disruption of food supplies, and mass starvation. These effects could be sufficiently severe to threaten the fabric of civilization."

Geological Society of London report to the U.K. Government's Natural Hazard Working Group.

Currently, volcanic activity is exhibited via numerous geothermal vents scattered throughout the region, including the famous Old Faithful Geyser, *plus recorded ground swelling indicating ongoing inflation of the underlying magma chamber.*<sup>[14]</sup>

The volcanic eruptions, as well as the continuing geothermal activity, are a result of a great cove of magma located below the caldera's surface. The magma in this cove contains gases that are kept dissolved only by the immense pressure that the magma is under. If the pressure is released to a sufficient degree by some geological shift, then some of the gases bubble out and cause the magma to expand. This can cause a runaway reaction. If the expansion results in further relief of pressure, for example, by blowing crust material off the top of the chamber, the result is a very large gas explosion. [wikipedia]

### ***Magnetic Field Reversal -(Gravitational Wave, Galatic SuperPulse)***

Scientists have long known that the magnetic pole moves. James Ross located the pole for the first time in 1831 after an exhausting arctic journey during which his ship got stuck in the ice for four years. No one returned until the next century. In 1904, Roald Amundsen found the pole again and discovered that it had moved--at least 50 km since the days of Ross.

The pole kept going during the 20th century, north at an average speed of 10 km per year, lately accelerating "to 40 km per year," says Newitt. At this rate it will exit North America and reach Siberia in a few decades.

Sometimes the field completely flips. The north and the south poles swap places. Such reversals, recorded in the magnetism of ancient rocks, are unpredictable. They come at irregular intervals averaging about 300,000 years; the last one was 780,000 years ago. Are we overdue for another? No one knows.

### ***War -***

Not much needs to be said here, as the Mideast reaches a boiling point previously dreamed of only in nightmares. While the conflict may be far away, the impact of it will affect the entire world. With oil supplies disrupted, and transportation cut off, civil unrest be never be higher. It is likely that this could cause transportation freezes, food shortages, epidemics.

Even our own politicians are predicting 'civil unrest', if the economy gets worse... [Carville]

### ***Global warming - (Ice Age) -***

Yes, they are the same thing. While there is no solid consensus about the cause of global warming, it obviously does occur, (from 950 AD to 1400 AD the Earth warmed up over 5 degrees F on average). Interestingly, it takes heat to create an Ice Age, because all that water must first be evaporated before it can be transported to where it will fall as snow.

Since 1400 AD, the Earth has cooled considerably, but certain spots continue to grow warmer.

The entire debate here is over who or what is the cause of the warming. Most scientists agree that the bulk of the warming effect is from changing radiation levels in our local star, the Sun. Some scientists believe that manmade hydrocarbon pollution has added to this effect, creating a greenhouse effect.

### **Flood - (Ocean Rise) -**

Tied to Global Warming, or even caused by a close pass of a comet or asteroid (gravitational wave).

### **WEB BOT PROJECT -**

This one is rather unique. the Web Bot Project started as a financial analysis tool for Wall Street investors, and with some additional programming, become used for analysis of the future through monitoring the blogs and conversations on the web. The Web Bot has several remarkable successes, including 9/11, the Columbia Space Shuttle disaster, and the Indian Ocean earthquake and Tsunami. The most notorious predictions center around December 2012, where there is a massive 'data gap' until May 2013, indicating a possible disaster occurring during this time period.

### ***Gamma ray burst - (EMP) - (see Magnetic Reversal above and CME below)***

While gamma ray bursts originate outside our solar system, this extremely powerful wave can cause big problems in the magnetosphere. There is some evidence for the Earth having received one of these waves before. Localized EMP's are caused by nuclear detonations in the atmosphere. An EMP burst can create currents in existing power lines that overload and burnout the transformers and anything hooked up to the lines. Electronics are extremely sensitive to electrical discharges, and most would be ruined immediately.

### ***Coronal Mass Ejection - (CME) -***

In 1859, the now famous Carrington Event caused worldwide failure of communications, at the time limited to wire signals. This has the same effect as an EMP (see above), but is of longer duration. A CME is believed to have been responsible for the east coast blackouts of 1965, 2003 and 2006.

This information comes directly from a National Academy of Sciences 2008 Report ,(NAS 2008).

“Civilization is at a higher risk to solar storms than at any other time in its history, due to the reliance on electrical power.” In 1859, a solar storm lasting 8 days disrupted world communications and caused the sky to glow with the ‘northern lights’ all the way into the Caribbean. In 1989, a small storm knocked out power to the entire Canadian grid for 9 hours. Today, and since 1989, the reliance on computers is almost total. An event similar to the 1859

'Carrington Event' would decimate the entire planet. Avionics in planes would cease to function, most would crash. Almost every vehicle would immediately cease to function, the electronics totally fried. Computers, cell phones, all communication would be permanently damaged. The power industry itself states "the economic foundations of the United States, already badly cracked by chronic recession and the collapse of its' financial institutions, would fall".

### *Nemesis , Planet X -*

Somewhat similar to Asteroid Impact. Nemesis theory assumes the Sun is one half of a binary star system, (most star systems we can observe are binaries), and that periodically, this binary star sweeps in close to the Sun as they both orbit a theoretical point in space somewhere between the two. When this Star (Nemesis) approaches, it disturbs the asteroids in the Oort Cloud, causing a rain of asteroids on the planets of the inner solar system.

Planet X theory just substitutes the star for a planet in an elliptical orbit beyond Pluto. It too disturbs the asteroids in the Oort cloud as it completes a very long orbit.

### *Prophecy –*

#### **Judeo-Christian –**

Book of Daniel, old Testament , book of Revelation, new Testament –

Both describe 'the end of the world' with the following interesting scenarios -

An asteroid impact (Rev. 8:10) , a resulting 'world government' consisting of the 'AntiChrist' (also referred to as 'the Beast') and his trusty sidekick, called the 'false prophet'. A period of 'Great Tribulation' consisting of two 3 ½ year periods which may or may not be sequential. The introduction of the 'mark of the beast' issued to anyone who wants to buy or sell. Think of this as an individual IP address for every person in world. Here is where we are given the clue of '666' or '616' as some ancient manuscripts relate. This could be a series of six digits repeated three times, like current IP addresses. (123456.789123.456789). This 'number' will most likely be inserted into the body in the form of a RFID chip, being placed in the forehead or hand. There are indications that this will cause later pain and suffering for those who have it installed.

The first 3 ½ years of the 'tribulation' will be peaceful, with great progress being made towards peace and prosperity. The second 3 ½ year period is marked by persecution like that of the inquisition, especially of people who refuse the mark.

The tribulation culminates with the famous 'battle of Armageddon', which is not a battle at all. The armies of the world gather near the ancient city of Megiddo in Palestine (Har-Megeddon), and are defeated by God himself, with a spoken "word".

See similarities with Nostradamus -the two Muslim leaders 'blue turban' and 'white turban', who represent an Iranian commander of troops taken to be the returned prophet Jesus, and the Mahdi , the religious leader and Muslim messiah.

These form an anti-pair to the Judeo-Christian 'beast' and 'false prophet', placing the two religions at odds with no reconciliation possible, as each sees the other as the evil entity.

Biblical prophecy study, called 'eschatology' indicates many similarities to the tensions in the world today, including the rise of the Islamic SuperState, the prominence of Iran, and the move towards globalism.

### **Nostradamus –**

This prophet wrote over 1000 verses of rhyming poetic predictions, almost 2/3 of which address an Islamic takeover of Europe during a great World War. In his vision, Iran, who he refers to as Persia, leads a coalition of Islamic countries in a push that eventually conquers Turkey, Egypt, Libya, Italy, Germany, Spain, India, and almost all of France. The war is kicked off by an asteroid impact near the Azores, causing worldwide instability and severely weakening many countries including the US, Great Britain, and Portugal.

This war is predicted to last 'less than 27 years', and will result in billions of deaths. In the last few years of the war, enough stability will have returned to the US that it enters the war with Britain and France and turns the tide against the Muslims. The western forces push the Islamic army back to near the original boundaries, and a peace treaty is signed.

Again we see similarities to our existing times, and to the Biblical predictions. Two key leaders, an asteroid impact, a great world war with religious factors driving it.

### **Prophecy of Malachy –**

Malachy's predictions were first published in 1595, and began with Pope Celestine II, 1143 AD.

Malachy was an Irish bishop in the twelfth century. Upon visiting Rome, he had a vision of all the remaining Popes, from his time onward. He made a list of 112 Popes, and assigned to each an identifying clue. Pope John Paul 1 was assigned the moon, and it turned out he died after only 30 days, or one lunar cycle.

The current pope is number 111 , and the clue indicates he will be responsible for concluding an important peace treaty. (The motto being "The Glory of the Olive", as in olive branch of peace. One wonders if this could be the treaty described above?

Malachy says the next and last pope will be called 'Peter of Rome', he had this to say about him..(112) ***Peter the Roman, who will nourish the sheep in many tribulations; when they are finished, the city of seven hills will be destroyed, and the dreadful judge will judge his people. The end.***

## Prophecies of Fatima –

There are three prophecies, or probably three parts to one prophecy made by a young girl (Fatima) in the early 1900's. While the first two parts were released, the last part was held in the Vatican, accessible only to the Pope. It was supposed to be released in 1950, but the church withheld the contents. Some parts of it purporting to be the third prophecy can be found online, but others contend this is not the actual prophecy, or all the prophecy.

Wikipedia has this to say... The text of the third secret was officially released by Pope John Paul II in 2000, although some claim that it was not the entire secret revealed by Lúcia, despite repeated assertions from the Vatican to the contrary.

Here is what was revealed -

"Other Bishops, Priests, men and women Religious going up a steep mountain, at the top of which there was a big Cross of rough-hewn trunks as of a cork-tree with the bark; before reaching there the Holy Father passed through a big city half in ruins and half trembling with halting step, afflicted with pain and sorrow, he prayed for the souls of the corpses he met on his way; having reached the top of the mountain, on his knees at the foot of the big Cross he was killed by a group of soldiers who fired bullets and arrows at him, and in the same way there died one after another the other Bishops, Priests, men and women Religious, and various lay people of different ranks and positions. Beneath the two arms of the Cross there were two Angels each with a crystal aspersion in his hand, in which they gathered up the blood of the Martyrs and with it sprinkled the souls that were making their way to God."

But that wasn't the end -

The Holy See withheld the Third Secret until 26 June 2000, despite Lúcia's declaration that it should be released to the public after 1960. Some sources, including Canon Barthas and Cardinal Ottaviani, said that Lúcia insisted to them it must be released by 1960, saying that, "by that time, it will be more clearly understood", and, "because the Blessed Virgin wishes it so."<sup>[8][9]</sup> When 1960 arrived, rather than releasing the Third Secret, the Vatican published an official press release stating that it was "most probable the Secret would remain, forever, under absolute seal."<sup>[10]</sup> After this announcement, immense speculation over the content of the secret materialized.

***According to the New York Times, speculation over the content of the secret ranged from "worldwide nuclear annihilation to deep rifts in the Roman Catholic Church that lead to rival papacies."***<sup>[1]</sup>

According to Cardinal Ratzinger in the commentary accompanying the text<sup>[13]</sup> of the Third Secret released by the Vatican, "Those who expected exciting apocalyptic revelations about the

end of the world or the future course of history are bound to be disappointed. Fatima does not satisfy our curiosity in this way ...".<sup>[13]</sup> Some critics see this as contradicting a considerable amount of evidence in the record, including previous testimony by Cardinal Ratzinger himself.

The overall thrust is that the Catholic church will lose influence and standing in the future, and a Pope will be called upon to save the church, possibly losing his own in the process.

There are similarities to the Malachy prophecy here.

## **Secondary Effects: (The Four Horsemen of the Apocalypse...)**

- Food Shortages, Famine
- Water Shortages, contamination
- Electricity unavailable
- Transportation Stopped
- Oil and other Energy shortages
- Disease, Epidemic
- War, civil unrest, riots
- Martial Law

These secondary effects arise from almost every primary event described above -

Lets follow a hypothetical example of a primary event to see all of the secondary events it unleashes.

I chose the primary event I was most knowledgeable about, and one which has been documented by individuals and governments alike, so there is little room for error.

I also chose this primary event because NASA anticipates the odds of this occurring at 1 in 9,400, (the odds of getting hit by lightning are 1:10,000, and 360 people get hit every year).

The Earth is surrounded by a growing body of NEO's (near earth objects, asteroids and comets), not because they are increasing in numbers, but because we are discovering these existing objects with better telescopes and spacecraft. There used to be about 400 NEO's known,(when the original odds were calculated) , now there are 9,062 as of June 24, 2012.

This has become such a serious hazard that private companies (“B612”) are setting up their own early warning systems.

Unfortunately, objects under a few kilometers (one mile) in diameter are not very visible, even to high tech telescopes. If an object approaches us from the direction of the Sun, of which almost 25% would be expected to do, then the visibility would be greatly reduced. It is likely we would not see such an object until it was only a few weeks from us.

We currently have no organized way to deal with this threat, and in the short time we would have to get organized, it is unlikely to happen.

The current political thinking on this is to simply hush it up. The government does not believe that it can deal with such a situation, other than to take cover, so a news blackout would be essentially to keeping the streets passable for those deemed ‘worthy’ to take cover. News would probably leak out in a few days, but by then, the politicians would be safely underground, not to be seen again until the worst is over.

Here is a play by play of how this type of scenario might go down:

During an eclipse of the Sun, a comet will be seen. It may or may not have been previously identified by satellites, but during this time it will be visible to the naked eye from earth. After the eclipse, it will disappear into the Sun's glare once again. It will reappear a few days or a few weeks later, so bright that it will look like a second Sun. The comet will narrowly miss the Earth, and the Earth will pass through the dust tail. (This happened in 1910 also).

A fragment of rock following in the tail, possibly 900 feet in diameter, impacts the planet at a speed of 37 miles per second. The probable impact site is in the Atlantic Ocean ,(or any ocean, 2/3 of the earth is ocean). Lets assume it impacts near the Azores, at the intersection of the mid Atlantic Ridge and the African and European plates.

What follows are actual calculations. The fireball from the explosion will quickly rise to the very top of the atmosphere, then spread out horizontally. The fireball could easily be 50 to 100 miles in diameter, with internal temperatures close to 100 million degrees. Everything within sight of the entire column will instantly ignite, satellites overlooking the area will be destroyed.

The shock wave in the atmosphere will crumple any airplane in the sky within thousands of miles of the impact site. The initial earthquake wave will race out from the epicenter at 1000 mph. The vertical movement of the Earth at the impact site will likely be thousands of feet, and this wave will spread towards the continents. It will likely be several feet high an hour or two later as it impacts Europe and America. Most high rise buildings will collapse trying to surf this gigantic wave of earth.

This will start fires due to ruptured gas lines and electrical cables. This will easily be the strongest earthquake ever recorded, and will be about 14 on the Richter scale. The pattern of

damage will be similar to other major earthquakes, collapsed buildings, impassable roads, bridges, tunnels, railroad lines totally destroyed, ruptured oil and chemical tanks.

Then the Tsunami will arrive. Traveling at only 600 mph, the wave arrives about an hour after the earthquake. The force will finish the devastation along the coasts, and spread the fires throughout the ruined cities. Wave heights are unpredictable, since they rely heavily on the shape of the harbors and river mouths. With a vertical displacement of thousands of feet at the impact sight, a Tsunami could be equally large when it arrives on shore. In any case, wave heights of less than 200 feet would not be expected.

The initial wave would be followed by several more, like aftershocks, over the next few weeks. It is likely that every continent in the world would experience this Tsunami in some form.

Additional earthquakes would be frequent, as the impact site is where several plates meet, and the impact would likely loosen up the plates to start sliding. Major earthquakes would be felt through Italy, France, Greece, and North Africa.

Hurricanes would form continuously over the impact site as this area of the ocean could be heated to 120 degrees over several hundred miles. Research has indicated that an unusual type of storm could develop, called a hypercane. These are miniature hurricanes, possibly only 10 miles in diameter, but with wind speeds of over 500 miles per hour. They would form continuously and begin drifting west, towards North American shores. Long strings of these hypercanes would batter the eastern seaboard of the US.

Another feature of these hypercanes, is that the vortex created by them would spew water vapor and dust over 35 miles up into the stratosphere, blocking the amount of sunlight reaching the planet.

The frequency and intensity of storms would be dramatically increased.

Following this all, and due to the decrease solar irradiation and storms, cooling temperatures would bring on a worldwide 'nuclear winter'. In the temperate zones, harvests would be poor or non-existent.

The possibility that a strike in the oceans, where the crust is thinner, is that the impact would punch a hole completely through the crust, creating a huge volcano which would spew ash clouds into the already darkened skies. The global warming, if it exists, would be instantly reversed, bringing on a 'mini ice-age', and changing the face of the world as we have experienced it.

All of our 'ages' will cease. The information age, the industrial age, the technology age, the transportation age, all would become past memories.

Mankind would be returned to a pre-industrial age, more in keeping with life in the Middle Ages.

Chicago would be far removed from our impact scenario, yet let us see the consequences.

Oil and transportation would cease, since the refineries, (and the strategic reserve supply) would be destroyed. Loss of fuel would stop rail traffic and incoming food supplies. Port facilities, even on the Great Lakes would be destroyed, sieche waves from the earthquakes doing them in. Electricity would be gone.

Even air transportation would not be possible, the large amount of dust in the atmosphere making flying impossible. It takes very little ash to ruin a jet turbine engine.

Without a short term fix for these problems, Chicago might last a few weeks, at most a few months.

The distant suburbs will not fare much better. Only 5% of the existing population produces food for the remaining 95%. With no transportation, or electricity they would cease to exist also.

Lastly global communications would be completely disrupted. With billions of pieces of rock ejected into Earth orbit from the impact, in very short order all satellites would be destroyed.

GPS, cell phones, all the communications forms we currently enjoy would no longer be possible. Even Tropospheric scatter systems, used by the military would not be able to work, due to the heavy dust concentrations. Normal broadcast radio would encounter intense static from particles and from storms. No communication system would be unaffected.

I bring up this scenario as a mental exercise to show the secondary effects from a primary crisis.

Regardless of the primary cause, many of these secondary effects will occur in a variety of primary cause scenarios, natural disasters, nuclear exchanges, volcanoes, earthquakes, EMP's, the list is almost endless.

Can you address these secondary issues?

How do your plans stack up?

### **Past World Ages - Mapping our way through history**

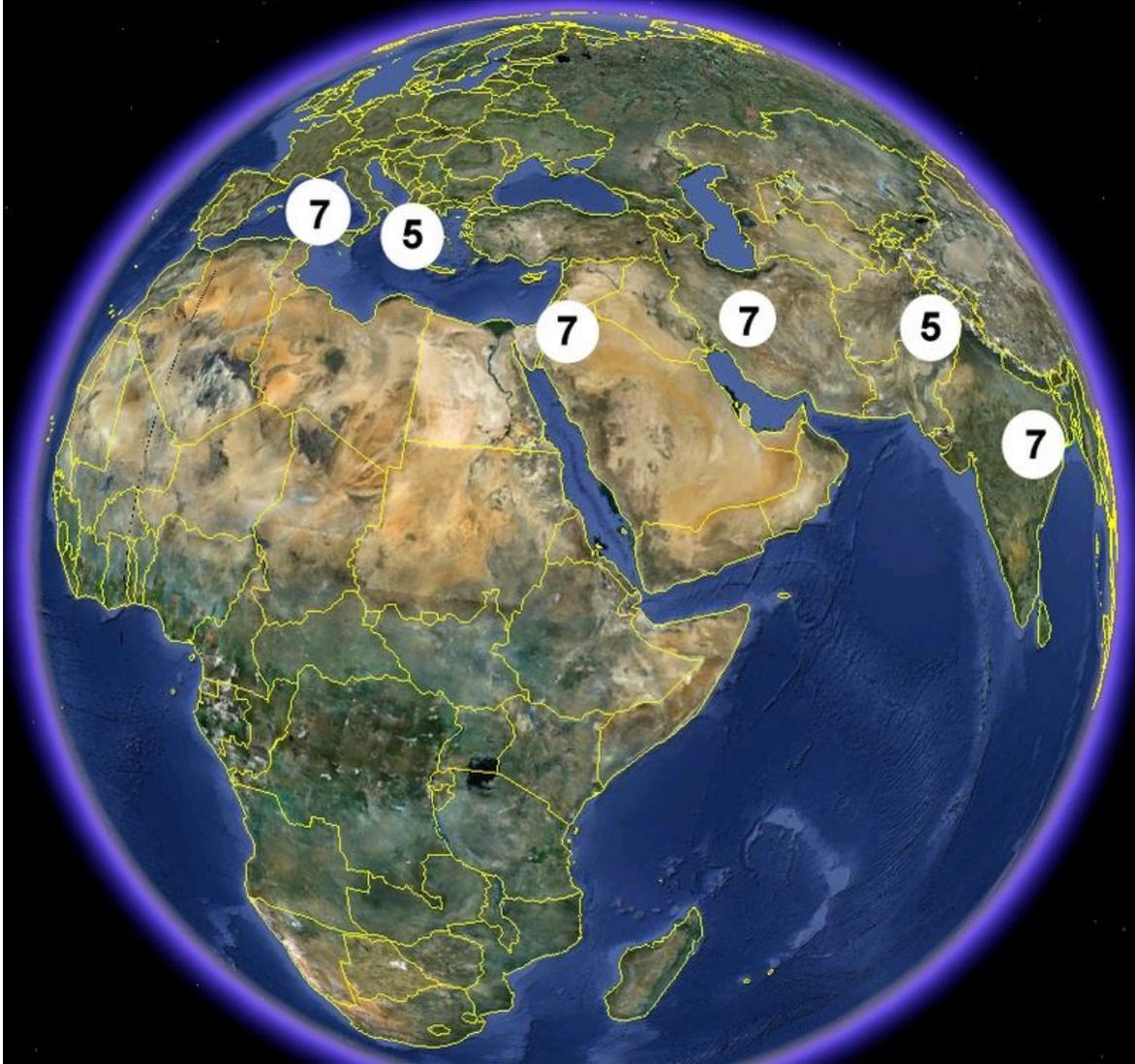
“And what does natural history tell us?” asked Philo in his *‘On the Eternity of the World’*, and he answered: “Destructions of things on earth, destructions not all at once but of a very large number, are attributed by it to two principal causes, the tremendous onslaughts of fire and water. These two visitations, we are told, descend in turns after very long cycles of years.

Here is the Western hemisphere distribution, which shows mostly 4 previous ages with the current age as the fifth. Only Iceland shows more.

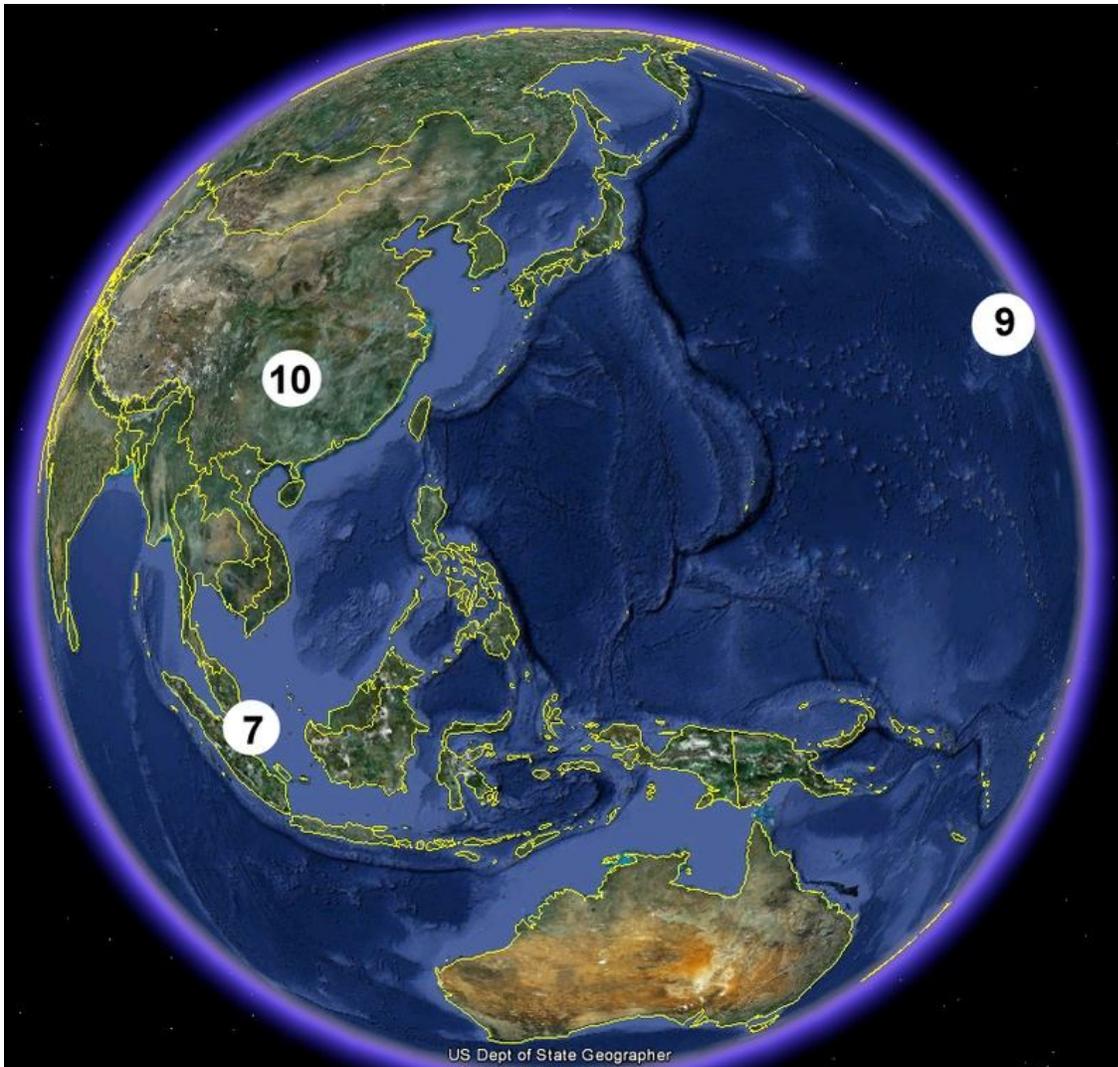
(For impact information - see Revelation 8:10, and Nostradamus 1:69, the impact site comes from 1:46, 2:41, and 2:43)



The Eastern hemisphere shows an increase in the retention of the knowledge of World Ages with most areas showing seven. It should be noted that Greece, showing five, predicts there will be seven, and we are currently in the fifth.



The Pacific Basin shows a surprising large retention of World Age traditions. While China's retention makes some sense, One wouldn't think that island areas would be well situated for survival of these traditions, unless these reflect past migrations.



Further thoughts:

The memory of world ages and endings is not easily compared. We do not know which events were regional catastrophes and which were global. Maybe the eastern hemisphere had more regional cataclysms than the western, or maybe the western was just settled at a later date.

The Mayans give this order of their world ages:

First Age - Ocelotl - mankind wiped out by a rebellion of the animals (dinosaurs?) - the glyph for this is the only one that does not include a pyramid in it, presumably because it was before civilization became centralized.

Compare this to Genesis, the early chapters, Adam pleads for help against the animals and is given dominion over them...

An earlier, possibly Toltec image of this age does indeed show a pyramid, so it is unclear why the later Aztecs left it out.



Note the undeciphered writing along the bottom of the frame, the two 'jaguars', and the circles with dots in them, near the sun in the center, of which there are nine, (Nine Lords of the Night?), the two snakes flying in the air represent what became known as 'feathered serpents', the Mayan word for comets.

Second Age - Ehecatl - mankind wiped out by wind, hurricane

Third Age - Itzamna - The Deluge of Fire from Heaven

Fourth Age - Thaloc - Deluge (Flood of Water)

Fifth Age - currently - "Rebellion of the Earth", or "Motion", such as an earthquake or earthshock.

Each of these endings are easily found in virtually all of the worlds traditions. Many of these traditions even give the duration of these various ages. Although the ages typically represent fantastic amounts of time, the ratios between various ages can be compared, and tend to match other traditions. Compare this to our own traditions of a past 'Golden Age', typically followed by a 'Silver Age', then a 'Bronze Age' and then an "Iron Age'.

One further note on the time-scales.

We tend to think that Carbon-14 testing has finally given some stability to our assessment of age. This is a big mistake. The following issues arise with C-14.

1. We do not know if the amount of incoming C-14 has been stable over time, evidence is very strong that it has not been.
2. C-14 dating is 'calibrated' by tree rings, (dendochronology) the oldest being in the vicinity of possibly 3000 years old. 'Calibration' beyond that point is not possible, nor is the accuracy of the calibration very precise.
3. The entire premise of C-14 dating may be wrong. New ZPE (Zero Point Energy) theories seem to indicate that radioactive decay may not be a property of matter, but a property of a specific energy. Therefore a measurement of remaining radioactive material is essentially meaningless.

Geologists and Paleontologists deal with dates and times of much bigger magnitude, but here things get even more muddled. Fossils may be tentatively dated by the assumed age of the rock they are found in (strata), but rocks may be dated by the fossils contained in them. Such circular reasoning only survives because of the specialization of the sciences.

Here are some other C-14 nuggets :

"... coal has been found to contain measurable amounts of carbon14 which it should not of course because it is about 300 million years old and dates from the carboniferous period. C14 has a half life of 5730 years and is only good to date objects to 50,000 years or so."

"... Live mollusks off the Hawaiian coast have had their shells dated with the carbon-14 method. These test showed that the shells died 2000 years ago! "

"... *"The troubles of the radiocarbon dating method are undeniably deep and serious. Despite 35 years of technological refinement and better understanding, the underlying assumptions have been strongly challenged, and warnings are out that radiocarbon may soon find itself in a crisis situation. Continuing use of the method depends on a fix-it-as-we-go approach, allowing for contamination here, fractionation there, and calibration whenever possible. It should be no surprise then, that fully half of the dates are rejected. The wonder is, surely, that the remaining half has come to be accepted.... No matter how useful it is, though, the radiocarbon method is still not capable of yielding accurate and reliable results. There are gross discrepancies, the chronology is uneven and relative, and the accepted dates are actually the selected dates."*

This was written by Dr. Robert Lee , for the '*Anthropological Journal of Canada*' in 1981.

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