

### Extinct Ice Age Creatures

Gigantism is found in many of the Ice Age creatures. There were mammoths the size of giraffes reaching 17 feet in height, sloths 18 feet tall, beavers the size of black bears, armadillos the size of a Volkswagen, and muscular saber tooth cats the size of an adult female lion with two large canine teeth protruding out of its mouth. The oceans were also filled with massive creatures like the giant megalodon sharks that measured 50 and 60 feet in length with many huge, serrated teeth measuring 6 to 7 feet. These creatures are representative of what one might witness during the Ice Age right after the Flood.

In the 1990's, Michael Oard, a professional meteorologist and dedicated creation researcher, demonstrated a model that was addressed in this letter. He has authored numerous articles and books on this subject. He has clearly demonstrated that the Genesis Flood was the key to understanding the Ice Age. His work will enable any Christian to articulate the truth concerning the Ice Age from a biblical perspective.

As you know our ministry is donor-based, so we need God's people to partner with us as we passionately share the vision that God is our benevolent Creator and Savior. His Word is affirmed through His creation. Please hold our ministry up in your prayers and consider making a financial gift so that we can move forward in serving Christ. Thank you!

For your convenience you may order and donate online at [www.creationstudies.org](http://www.creationstudies.org)

May God bless you and keep you,

*Tom DeRosa*

Executive Director & Founder of CSI

## THE GREAT ICE AGE

*Evidence from the flood*



We are offering a three DVD series featuring Michael Oard's dynamic and fascinating explanation of the ice age in a documentary format. We would like to send you this informative DVD series for a minimum donation of \$35. You will definitely have a glimpse of the past from a unique and biblically accurate perspective.

### UPCOMING EVENT:

The advertisement for "CSI's Ice Age Fossil Adventure" features a central image of two people in a canoe on a river. The text above the image reads "CSI'S ICE AGE FOSSIL ADVENTURE". Below the main image, there are three smaller inset photos showing people engaged in various activities related to the adventure. The text below the photos states "THE PEACE RIVER ARCADIA, FL" and "MAY 2-4, 2014". At the bottom, it lists activities: "In this adventure you will: Canoe the Peace River, Dig, Sift &amp; Identify Fossils, Camp with a Bonfire (optional), Participate in a Hands-on Workshop, Worship &amp; Study the Bible". The website "creationstudies.org/fossilfloat" is provided at the bottom.

The top right section of the page features the "CREATION STUDIES INSTITUTE" logo in a large, serif font. Below the logo is the tagline "Reaching the World with the Truths of Creation". To the left of the logo is a photograph of Michael Oard, a man with glasses wearing a white lab coat, sitting at a desk with books. The date "February 2014" is printed in the top right corner. Below the logo and date is the title "The Great Ice Age... from a Creationist's Perspective".

### System Climate Change Brainwashing in Question

The public is being brainwashed about climate change in the same way they have been brainwashed about evolution. Both of these ideologies repeat the same lie. The lie is that both manmade climate change and evolution are based upon scientific evidence. These counterfeit ideas attract zealots who promote their own political agendas rooted in atheistic naturalism. They build altars to the millions of years of slow change where the planet Earth allegedly spins by forces of nature that push God out of the equation. Like evolution, manmade climate change has become an extremely important topic that proponents believe should be taught in our schools to the next generation. This process of indoctrination begins with the new national science standards, "The Next Generation Science Standards." They want to implement these standards in grade school and they have already been adopted by most of the states. They emphasize both evolution and climate change characterizing them as being essential to the national and worldwide survival of the planet.

The controversial definition of "climate change" is really global warming caused by man's activities. Man is blamed for the production of carbon dioxide mainly through the use of fossil fuels. This process allegedly began in the mid 20th century as the Industrial Age expanded producing higher levels of carbon dioxide. Although carbon dioxide (CO<sub>2</sub>) is one of the greenhouse gases, it represents about 3% to 4% of the atmosphere, while water vapor occupies the largest segment of greenhouse gases averaging 33% to 70% worldwide. When the amount of CO<sub>2</sub> produced exclusively by man's activities is factored in, the percentage drops to less than 1% of all the greenhouse gases. Such a small percentage of CO<sub>2</sub> cannot affect any discernible temperature increases.

Historically, there are periods of global warming and there times of global cooling, but these normal periods of temperature fluctuations never result in cataclysmic events. Still, the climate change alarmists tell us that glaciers are receding and the polar ice caps are melting. They forecast ocean levels will rise to astronomical heights destroying property and taking many lives. Climate change advocates love to point to man as the villain who must be opposed with their politically-driven agendas and their expensive government programs. All of this is justified by junk science in opposition to what true science predicts will happen.

The public is blinded and confused, so they are not aware that scientists are in disagreement as to whether or not manmade global warming is even taking place. Temperature charts derived from data taken from satellites give an accurate zigzag pattern that demonstrates the current heating trend is reversing itself. There is more and more data being collected as well as a significant number of defectors leaving the climate change movement. A survey of meteorologists was conducted in 2012 by the American Meteorological Society (AMS). When researchers at George Mason and Yale Universities examined the results, it revealed 48% of the meteorologists surveyed denied there was any significant manmade climate change. More importantly, many believe that CO<sub>2</sub> was not the cause of global warming, but a result of it. Careful analysis of temperature variations and carbon dioxide levels over thousands of years actually support the hypothesis that heating took place first followed by CO<sub>2</sub> increases. The oceans, land, vegetation and many other contributors release CO<sub>2</sub> into the atmosphere when temperatures increase over long periods of time. Global warming alarmists have been able to influence gullible politicians, but have failed to get a major foothold in the scientific community, because the evidence is in question.



Another factor that needs to be considered is the immense difficulty of predicting long range climate events. The prediction of weather works well in the short term of days or weeks, but it begins to lose its accuracy as time spans lengthen. This is due to the finicky nature of a myriad of variables in the atmosphere. Every year there are the customary predictions regarding the number of major hurricanes that is a basic concern for Floridians who live on a peninsula. Most of these long-term forecasts are not very accurate, so how can we trust these naysayers and their climate changing predictions? If you are interested in more factual evidence concerning the fallacy of manmade climate change, check the DVD, *"Global Warming: Emerging Science and Understanding."* (available at creationstudies.org)

Perhaps we need to depend on God, the Creator of this amazing planet with its history of cyclic weather patterns that, like a swinging pendulum, are in constant flux. Our planet is resilient, because of its Creator, Whose goodness and glory can be seen by everyone. He created it to endure. Rest assured that He designed this planet for the benefit of man, so that he could subdue and inhabit it. Only deceived man could introduce this prideful lie that his own activities destroy the planet, thereby blaming the coming holocaust on minuscule amounts of an innocuous, non-poisonous gas such as carbon dioxide. It defies common sense as well as God's Word. In Psalm 33:5, we are reminded that the earth belongs to the Lord, *"He loves righteousness and justice; the earth is full of the goodness of the Lord."*

### **The Great Ice Age**

Historically, there is one catastrophic event mentioned in the Bible that could have produced dramatic worldwide climate change. The Genesis Flood was the result of God's judgment to destroy by water every creature that breathes air. The Flood covered the earth and it gave rise to global cooling that resulted in the Ice Age. We would like to share with you how this happened in the light of God's Word, and show you how it is supported by the evidence at hand. We will attempt to answer these basic questions below, so that you will see how God's Word is affirmed by this grand Ice Age in the biblical context of a young earth.

### **How many Ice Ages have there been?**

You may have heard that there have been multiple ice ages, but there is no hard scientific evidence for more than one Ice Age. According to the evolutionary model, the last Ice Age in the Late Wisconsin Glacier Period took place about 10,000 years ago. It was the largest of all the alleged Ice Ages occupying one-third of the earth and erasing all geological evidence of the preceding eras. All evidence, including ice core data, that has been produced, is not very compelling. Dr. Larry Vardiman, who has a Ph.D. in Atmospheric Science, conducted extensive studies on the Ice Age. Dr. Vardiman reports, "Nothing in the ice-core data from either Greenland or Antarctica requires the earth to be of great age. In fact, there are good reasons to believe that the ice cores are revealing important information about conditions following the Flood of Genesis and the recent formation of thick ice sheets." [www.icr.org/article/ice-cores-age-earth] As creationists, we believe there was only one major Ice Age, and the evidence is on our side.

### **An Ice Age doesn't just start by accident!**

The Ice Age was a major event requiring a major cause. We simply don't see any mechanism that is capable of generating an ice age within the normal cycles of climatic change that our planet experiences today. In fact, we would argue that such an event could only be triggered by a worldwide catastrophe of Biblical proportions. The only reasonable candidate for such a catastrophe was the worldwide flood of Noah's day. *"From whose womb comes the ice? And the frost of heaven, who gives it birth?"* (Job 38:29)

### **So when was the Ice Age?**

If Noah's flood triggered the Ice Age, then it would have started right after the flood, which occurred somewhere around 2348 BC. The Ice Age is thought to have peaked about 500 years later followed by a warming period for another 200 years.

### **How does a flood trigger an Ice Age?**

From the descriptions in the book of Genesis, we understand that Noah's flood was accompanied by a monumental amount of volcanic activity. The earth's crust was literally ripped apart all over the planet, both on land and under the oceans. This occurred both during the onset of the flood, and most likely continued after the flood.

The oceans were actually warmed as a result of coming into contact with hot magma and underground, super-heated water sources. Meanwhile, volcanic ash was spewed into the upper atmosphere, almost blotting out the sun's rays. *"On that day all the fountains of the great deep were broken up, and the windows of heaven were opened."* (Genesis 7:11)

In the years and decades following the Flood, the lack of sunlight would have caused the land masses to become colder and colder. However, the seas stored their increased warmth for a longer period. Warm oceans created both a large-scale evaporation of ocean water and very strong convection currents in the atmosphere. These carried the moisture-laden air over the cold land masses where it fell as snow. Over time, this snow became compacted into ice.

### **How did the Ice Age affect man and creatures?**

After the flood, the evaporation from the warm oceans was so severe that, by most estimates, ocean levels were actually at least 300 feet below today's sea level. The evaporated water was trapped as snow and ice, unable to return back to the oceans for many years to come. This exposed the land all the way out to what we now refer to as the "continental shelf," the extended perimeter of each continent that appears just off the coast. As explored in the book and DVD, *"Ice Age Civilizations"* (available on YouTube), there is much evidence of cities being built along ancient coastlines. During the peak of the Ice Age, just like today, man's inclination was to build cities right at the ocean's edge. One reason for this was to allow for trade and seaports. However, the other reason is that the ocean's edge would, at some latitudes, have been the only place to find warmer weather due to air blowing off the ocean during this hard-to-survive Ice Age. Little did they know that the newly exposed coastline was only temporary, remaining only until the ice began to melt and sea levels began to rise.

### **Migration to Warmer Climates**

It is important to point out that the ice did not cover the entire planet. In North America, ice sheets and glaciers came as far South as the Ohio River Valley covering about a one third of the planet. The warmer coastlines would have created a "corridor" that was used by animals to migrate toward warmer climates nearer the equator. Some creatures, however, did not have migratory instincts or they were simply not near enough to the ocean. They would have died off because they were trapped at the colder latitudes. Dinosaurs likely fell into this category. Dinosaurs were created on the sixth day of Creation week along with man, not millions of years before man as evolutionists try to teach. What's more, dinosaurs got onto the Ark and dinosaurs came off the Ark, but they stepped out into a very different world where it was more difficult for them to survive.

The drastic lowering of the sea level also created "land bridges" connecting the continents as well as many island chains to the mainland. Add to this the creatures' need to distance themselves from predators and establish their own territories, and it explains how they migrated to a more hospitable environment.

### **Ice Age Fossilization**

One final effect of the Ice Age was that warm oceans and cold land masses created the perfect "recipe" for weather patterns that could potentially produce more frequent and intense storms. These hurricane-like storms would have devastating effects with wind-driven rain over vast areas destroying anything in its path. It would also produce the typical destructive flooding that comes as a result of these powerful storms.

These abnormal Ice Age weather conditions are the best explanation for the thorough mixing of land and sea fossils that we find across the entire Florida peninsula all the way up to the eastern shores of South Carolina. In many of the fossils beds that typify these areas, there are remains of mammoth bones and other land dwellers mixed up with bones from whales, dolphins, sting rays, sharks and all manner of marine life. The best explanation for this mixing of fossils in loose sediment is that they were both picked up and strewn together by a massive wind vortex, and/or they were pushed there by a tsunami that washed over the entire Florida peninsula. In other words, Florida's fossils, unlike most fossils around the world, were not deposited by the Flood itself, but by its after effects. *"From the chamber of the south comes the whirlwind, And cold from the scattering winds of the north. By the breath of God ice is given, And the broad waters are frozen."* (Job 37: 9-10)