

FOUNDATIONS

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THE PRESIDENT'S CORNER

The Book of True Hypotheses - Part 4

"Great is the Lord, and greatly to be praised; and His greatness is unsearchable. One generation shall praise thy works to another, and shall declare thy mighty acts." (Psalm 94:3,4). "I have heard of Thee by the hearing of the ear: but now mine eye seeth Thee. Wherefore I abhor myself, and repent in dust and ashes." (Job 42:5,6).

Perhaps the fundamental problem of our modern culture is a diminutive view of Almighty God, which causes people to stop short, rejecting the wonder of God. For example, a rain-storm comes to water a dry and thirsty land, but people stop short, thinking it happened merely because the "right" meteorological conditions came into play. In reality, "... it is the Lord Who makes the storm clouds. He gives showers of rain to men, and plants of the field to everyone." (Zechariah 10:1, NIV).

Even when a natural event has been given a scientific explanation (hypothesis), the ultimate cause is still God. God may even show a scientist a deeper physical explanation than the one he already has: Newton's law of gravity gave a precise formula for calculating the force of gravity between two masses. But Einstein's general theory of relativity provided a deeper view, predicting the very form of Newton's law. Nevertheless, these under-

standings cannot diminish the fact that God created the laws of gravity in the first place, as well as gravity itself. It is anti-scientific to camp on a scientific hypothesis—whether verified or not—saying that it circumvents God, or proves that He does not exist.

In another case, as we have seen in a previous President's Corner, the make-up of matter does not stop at atoms. If you go deeper, you will find a lot of empty space and forces, with only a little bit of matter in the nucleus. Then, if you go deeper still, you will find a lot of empty space and forces, with only a little bit of matter, this time tied up in quarks. I would suggest that this regression will end in finding only complexly organized arrays of invisible forces that will make your head spin at God's creativity. Actually, He has given us the end of our atomic foray: "[He upholds] all things by the word of His power" (Hebrews 1:3). "For He spoke, and it came to be; He commanded, and it stood firm." (Psalm 33:9 NIV).

God is the ultimate cause of everything; and He is infinite, "His paths are beyond tracing out" (Romans 11:33); even the universe, as enormously vast as it is, is *still* finite; which means that God is *still* infinitely greater than the universe. Real science has nothing to say against any of this, because no verifiable statement of the Bible

has ever been contradicted in observation. Recall that the power of science is to falsify definitively; it cannot *prove* anything definitively. So, if no prediction of the Bible has been falsified, then the option remains to believe it by faith:

"Through faith we understand that the worlds were framed by the word of God, so that things which are seen were not made of things which do appear." (Hebrews 11:3)

This makes Hebrews 11:3 a scientific hypothesis, which we have just verified (briefly) but not proven; and it has certainly not been scientifically falsified (contrast the naturalistic big bang hypothesis, which has been scientifically falsified multiple times):

God is so great that, through the pens of fallible men, He has created the inerrant testimony of Jesus, the Bible: "All Scripture is given by inspiration of God ..." (II Tim 3:16). The purpose of the Bible is to testify of Jesus, Who is the Truth. Therefore, its statements must be true, having potential as true scientific hypotheses.

Rob Bracken

Rob Bracken
PRESIDENT

What To Do About Global Warming

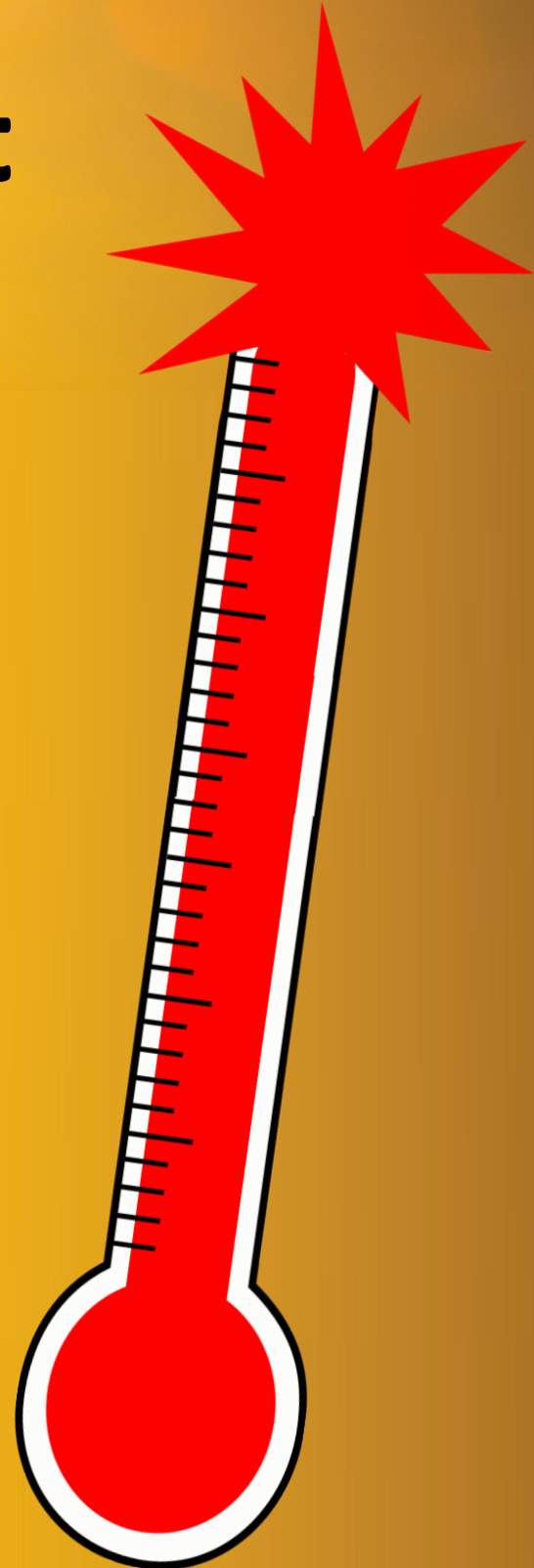
Are temperatures REALLY rising?

Michael J. Oard

We constantly hear about dire predictions of global warming. It is a frequent theme in the media and scientific journals. *Science*, *Nature*, *EOS-The Transactions of the American Geophysical Union*, and many other scientific and lay publications declare man is the cause of global warming and we must act now to “save the planet.” Many of their statements are gross exaggerations. For instance, Bjorn Lomborg quotes one of the worst, respected scientist James Lovelock saying: “Before this century [21st century] is over, billions of us will die and the few breeding pairs of people that survive will be in the Arctic where the climate remains tolerable.”¹ Then there are those who question the entire concept of global warming and its implications. What is the truth? How can we know it? Do we need to impoverish ourselves to save the earth?

The first thing Christians need to call to mind is how God views this world and our responsibilities.² The Bible declares God is the Creator of the earth. He created it with a purpose and with man in mind. It did not evolve over billions of years. God gives the earth to man in the first chapter of Genesis (Genesis 1:26–28). Since then, godly people saw this as a sacred trust. We are to be stewards of His Creation. We are to cultivate and husband the earth,

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COVER STORY: Global Warming

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which at that time was the Garden of Eden: “Then the LORD God took the man and put him in the garden of Eden to tend and keep it” (Genesis 2:15). Therefore, global warming and other environmental issues should matter to us. We need to know if we are harming the earth rather than tending it and how we can fix it. God’s mandate to take dominion over the earth was not a command to exploit it and its’ resources.

Second, we should gather as many facts as we can before we can act. This

that which is good” (NASB).

Applying these principles, we discover that the globe is actually warming, some places more than others, so global warming is not a hoax. We see the evidence all around us in generally warmer temperatures than in times past, shrinking glaciers and ice sheets, the thinning of the Arctic Ocean Sea ice, and other phenomena. But how much global warming are we observing, what is its’ extent, cause, and what is its’ trajectory?

According to the official record kept by the Climate Research Unit of the University of East Anglia, England, the average

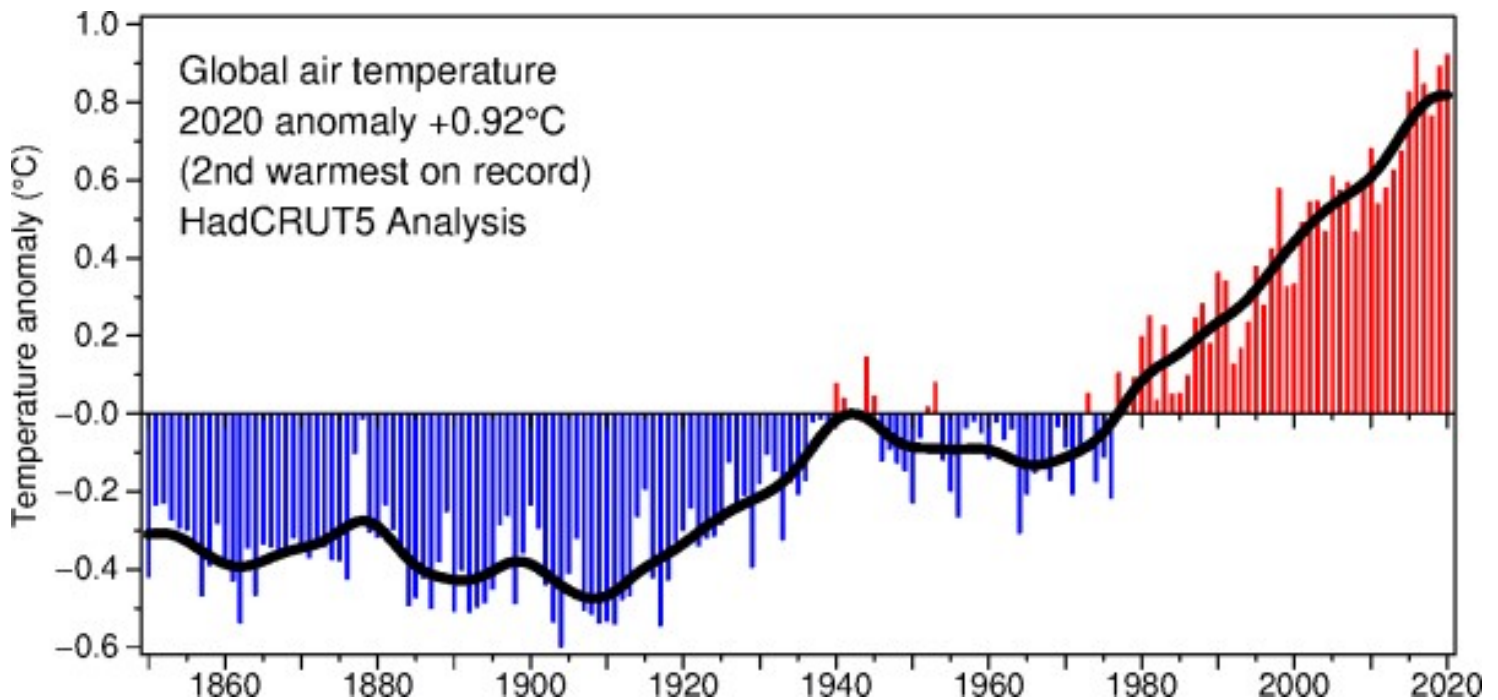


Figure 1. Official temperature record from the Climate Research Unit, University of East Anglia, England.

can be difficult, and the best way to gather the facts is to read both sides of the issue. Such a view is encouraged by the Bible, as Proverbs 18:17 states “The one who states his case first seems right, until the other comes and examines him” (ESV). First Thessalonians 5:21 encourages us to do this carefully but hold fast to the Bible: “Examine everything carefully; hold fast to

global warming has been 1.1°C (2°F) since 1850 (Figure 1). Global warming has been greater at higher latitudes, likely because melting ice and snow exposes more bare ground which in turn absorbs more sunshine, thereby reinforcing the initial warming. But there are reasons why the official temperature increase is likely a little too high, since there are warm biases in the

temperature records.³ These warm biases likely add up to only a tenth of a degree Centigrade or two.

More concerning is the bias by advocates who predict future temperature increases. In November 2009, Climategate exposed disconcerting attitudes and bias-

sional and unscientific attitudes were common in the Unit. Climategate calls into question the reliability of data and the agenda of the scientists involved.

Some researchers published a graph of global temperatures beginning from about 1,000 years ago to the present. The graph

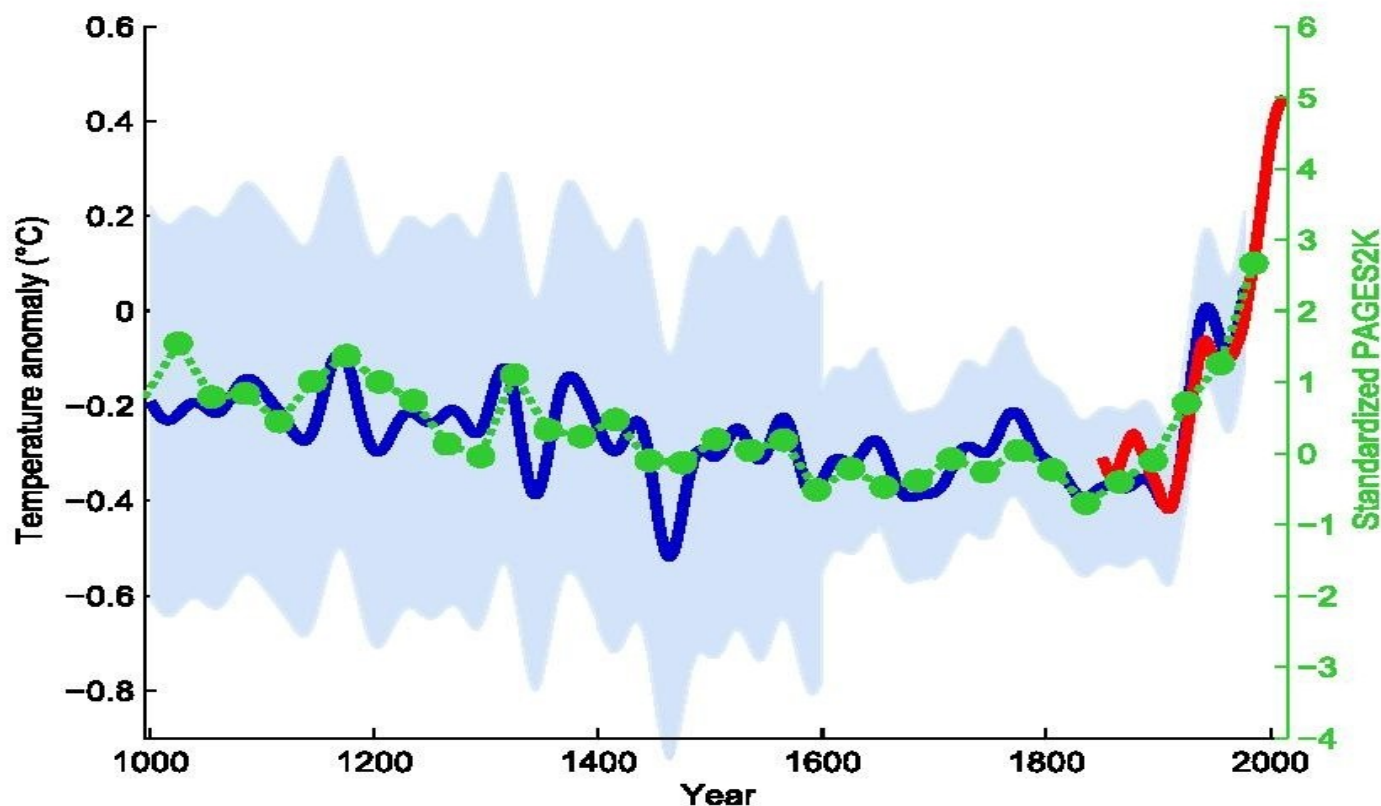
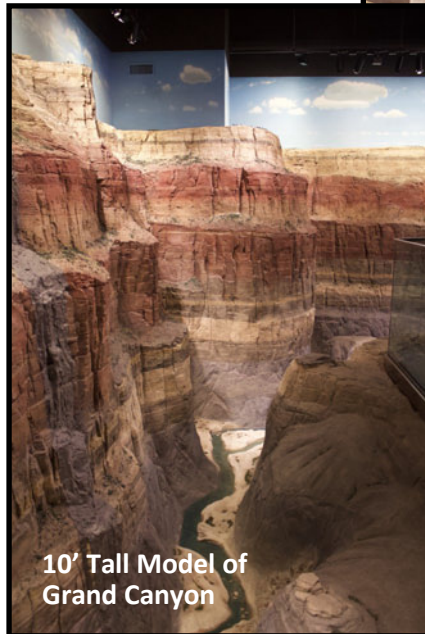


Figure 2. The hockey stick graph (Klaus Bittermann, Wikipedia commons CC-BY-SA-4.0).

es. Someone forced the unauthorized release of over a thousand private emails, data files, and data processing programs from the Climate Research Unit. Despite denials by global warming advocates, the texts revealed that some raw temperature data were thrown out, which makes it difficult to verify the official numbers. Moreover, some data was suspiciously manipulated. There was also proof that researchers colluded with other global warming advocates around the world. Censorship was advocated for those labeled as “climate deniers.” The leak revealed that unprofes-

essentially eliminated well known natural climate changes, such as the prominent Medieval Warm Period between about 800 to 1300 and the Little Ice Age from about 1500 to 1850. In truth, temperature records only began around 1850. Temperature estimates older than 1850 had to come from more uncertain proxies, such as tree rings. Proxies can more easily be manipulated. By plotting only the most recent warming, the temperature change with time took the shape of a hockey stick (Figure 2). Those behind the original research were called on the carpet by numerous scientists. There-

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Guess who blinked first?



My wife and I recently made a rare trip to a first-time visit to the Institute for Creation (the Dr. Pepper museum in El Paso!). We have known many years, and have known many who visit a “pass-through” in our travels, never a “stop”

We arrived at the Discovery Center shortly after 10:00 AM on a sunny day. We found it conveniently located along the highway with plenty of adjacent parking. The building and grounds were fairly busy with school groups, but the staff was friendly and helpful. We purchased tickets to the museum.

Overall, we spent a delightful 4 hours there. The museum gave an imaginative introduction to the “Founders” of the Institute: Robert Boyle, Johannes Kepler, Issac Newton, and others. We began talking to us and each other! Next, we saw the days of Creation Week. In the Garden of Eden, we saw a (message: man and dino co-existed), that was a dinosaur (lower left), and I came face-to-face with a dinosaur (right), who tried to lead me into the error of evolution. It includes a nifty Ice Age theatre, which presents the Flood Ice Age, a beautiful nearly 9-foot-long dinosaur (a lot of interior detail), an interesting Ark “walk-through” of the Grand Canyon and Mt. St. Helens, which illustrates the mat theory. Yep, and there were more dinosaurs. The presentation of salvation in our Lord Jesus Christ.

My wife and I left thinking the Discovery Center was in Dallas, but definitely worth the time spent there. It was enough of interest to hold children’s attention, and more than enough to engage an adult mind. The exhibits are valuable for educating our youth about creation, and adding the Discovery Center to your “stop”

Visit to ICR's DISCOVERY CENTER

By Ed Johlman
Photos by Janie Johlman



to Dallas, TX. One of our destinations was the Institute for Creation Research's (ICR) Discovery Center (and I had known about the Discovery Center for years, but Dallas has always been a special place.)

Shortly after it opened at 10am on a sunny Friday, the grounds were immaculate. Though the museum staff was available, friendly, and helpful, the Center staff was available, friendly, and helpful. The museum and two films in the planetarium.

Touring the facilities. It began with a very interesting "Hall of Science," whereby the oil portraits of Newton, and others, "came to life" and a clever 360° theatre presented the 6 of Eden I faced off with a Deinonychus seemed to followed my every move in an eerie animatronic "Serpent" (lower of Eve and Adam. The museum incorporated the latest theories on the post-glacial scale model of Noah's Ark (with a walk-through," and nice displays of the includes a depiction of Austin's floating dinosaurs! It ends, as it should, with a strong Christ.

My Center was not worth a special visit to since we were already there. There was time for a 1 or 2 hour walk-through, and it lasted for much longer. Services such as this are available at the truth of Biblical Creation. Consider this list next time you find yourself in Dallas.



Gotta have dinos, right? This guy is BIG . . . and loud!

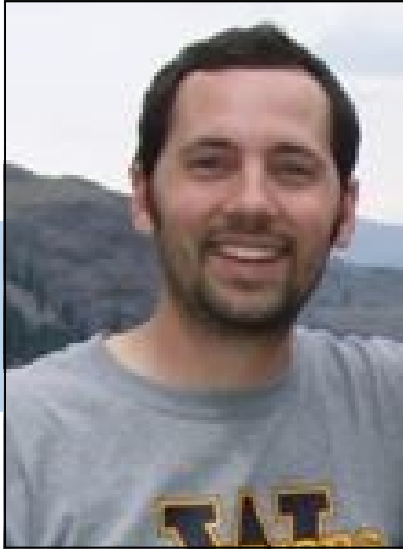


The Gospel, too.



Yeah, he sounds as oily as he looks.

Dinosaur Ridge on Friday, Sept 16th Creation Safari Coming!

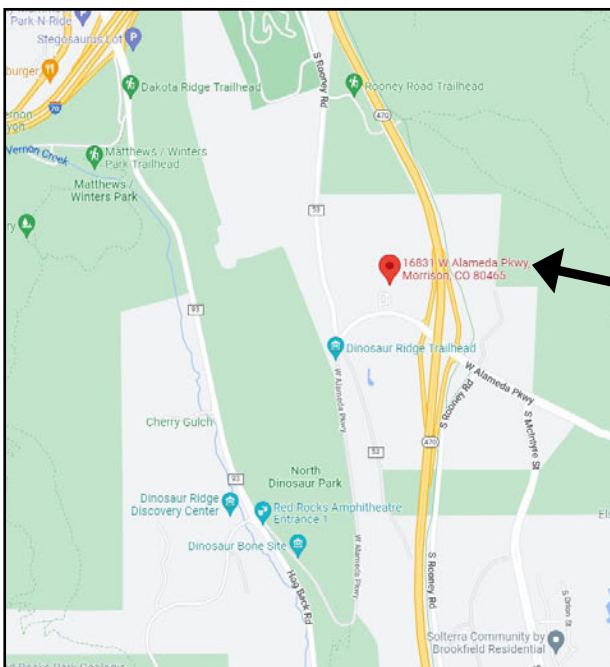


with Brian Mariani

Brian Mariani has worked with Alpha-Omega Institute since 2013. He was a main researcher and contributor to the book, "The Genius of Ancient Man."

We will visit Dinosaur Ridge in Morrison, CO, and Brian will give us the Creation perspective all along the way!

You do not want to miss this one!



KEY DETAILS

1. There is no cost to participate. We will accept donations to help defray the cost of bringing Brian to Denver. No pre-registration is required.
2. **The tour will begin at 1PM, Friday, September 16th**, from the Dinosaur Ridge visitor center main parking lot. **Please arrive 30 minutes early so you are ready to start on time.**
3. Walking tour of the Dino Ridge trail will take 3-4 hours, including stops for teaching. The trail is a 2.0 mile roundtrip with incline.
4. Bring water and snacks for your family or group, sunscreen, and be prepared for afternoon thunder showers.

go to youngearth.org for all the details

COVER STORY: Global Warming

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fore, this is called the Hockey Stick Flap. The Medieval Warm Period and the Little Ice Age existed at a time when carbon dioxide in the atmosphere was steady. This indicates that there is much natural climate change unrelated to carbon dioxide. Both of these periods are attributed to effects on the sun and variable volcanism. It is likely that other processes were also at work as well. Nonetheless many scientists saw the hockey stick graph as supporting global warming.

Even considering temperature graphs from around 1850 (Figure 1), carbon dioxide has been steadily increasing in the atmosphere, yet the temperature record itself is not well correlated with the carbon dioxide. There was a rapid rise in temperature between 1910 and 1945 and again between 1975 and 1998. In between we had *global cooling*, and between 1998 to about 2015, the temperature increase flattened out. However, because of warming after 2015, the Climate Research Unit drew the curve showing increased global warming throughout the period of 1998 and 2022 (Figure 1). So, the plateau in temperature apparently did not occur or has ended. Regardless, two physicists think that effects on the sun are more correlated with the temperature record than the increase in carbon dioxide.⁴ Surely, there are forces of climate change at work, other than the increase in carbon dioxide. Global warming advocates rarely take these other natural processes into consideration.

Everyone's concern is: Will the temperature continue to rise and by how much? Researchers use climate simulations to answer this question. They double carbon dioxide in the simulations and then calcu-

late the temperature rise. Different models have been run with the resulting temperature increase varying from 1.5°C (3°F) to 6°C (11°F), which shows that there is a lot of imperfection in these models. These models are simplifications of the complex dynamics of climate. For instance, models poorly estimate clouds, infrared and solar radiation, ocean processes, and snow aging. More importantly, carbon dioxide only affects the greenhouse slightly; water vapor is the major greenhouse gas by far.

Nature has run the experiment for us; observations are more important than flawed climate simulations. As of 2016, carbon dioxide has increased about 50%.⁵ Excluding water vapor other greenhouse gasses such as methane have added 34% to the greenhouse effect (these other greenhouse gases can be thought of as "carbon dioxide equivalency units"). So, the total rise in carbon dioxide equivalency units is 84% which resulted in a 0.9°C (1.6°F) increase in temperature. If we add six more years, for 2022, carbon dioxide has essentially doubled and the temperature rose only 1.1°C (2°F). This is 2/3rds the lowest estimate of warming with a doubling of carbon dioxide. But, if natural processes are half global warming, man doubling carbon dioxide gives only 0.6°C (1°F) warming. This is 30% less than the lowest estimate from the climate simulations. Looking at global warming carefully shows that overall, it has been slight. Therefore, we have plenty of time to conduct more, hopefully unbiased research as to how much global warming is man-caused and whether we can do anything about it.

Another factor that has recently come into play is that researchers that work with ice cores have discovered there were abrupt climate changes recorded in the Greenland Ice Sheet. They determined them based on oxygen isotope ratios

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COVER STORY: Global Warming

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which suggest rapid temperature changes of up to 10–20°C (18–38°F). They appear to have taken from a decade⁶ to as short as 1 to 3 years to switch!⁷ The changes lasted for about a millennium or two, within the uniformitarian timescale, and then shifted back again to the original temperature. This has made advocates think that there are “thresholds” of climate change today, that when reached will cause the temperature to spike to a new radical level. Some think that global warming, although slight, may reach such a threshold and either plunge us into a new ice age or cause excruciating heat. However, these abrupt climate changes, as they are called, were only during the Ice Age. Within the biblical model they can be attributed to decadal climate changes—only during the Ice Age and not after.⁸ We do not need to be fearful of passing some threshold.

Another aspect of global warming is that advocates are continually harping on the harms of global warming and ignoring the benefits. One of the benefits is since statistically more people die of the cold than the heat, warmer temperatures will cause fewer deaths. Other potential benefits in the Northern Hemisphere are that agriculture can expand farther north into virgin soil. Shipping can open up in the Arctic Ocean, and plant growth will increase globally since plants take in carbon dioxide.

So, much of global warming hype is simply wrong or greatly exaggerated. A typical refrain is that the polar bears in the Northern Hemisphere are severely challenged, and their populations are dwindling because of decreasing sea ice and food. However, it helps to count the polar bears and see how they are doing. Zoologist Susan Crockford has done this with research

over many years and has concluded that the polar bears are actually increasing!⁹

We also hear much hype that hurricanes are increasing and becoming more intense.¹⁰ However, this is not true either. Just recently *Science News* reported on a July 13, 2021 article in *Nature Communications* that concluded that Atlantic hurricanes are not increasing, despite the researcher’s belief that they are somehow more dangerous:

“The team found no clear increase in the number of storms in the Atlantic over the 168-year time frame. ... More surprisingly, Vechi says, is that the data seem to show no significant increase in hurricane intensity over that time.”¹¹

Lately we have been hearing a lot of doomsday talk about an increase in forest fires from global warming. Indeed, they have been increasing since the middle of the 20th century. However, there are other factors that should be included, such as poor forest management, people building homes in forest-fire prone areas, and people who deliberately set fires. But, if we extend the graph back in time to the late 1800s, we discover that overall forest fires greatly diminished until the middle of the 20th century and then slowly rose.

Roger Pielke, Jr. has shown that no natural disasters have been increasing with time.¹² He concludes that there is no increasing trend in long-term drought, peak stream flows, tornadoes, severe thunderstorms, east coast winter storms, and in either heat waves or cold spells.

Despite all the doomsday talk, the global warming advocates have pointed us to one possible consequence of global warming that we need to take seriously. This is

the possible imminent break-up of the floating Twaites Glacier ice shelf in West Antarctica.¹³ This could cause sea level to possibly rise a few centimeters. But if the entire glacier collapsed, sea level would rise 65 cm, but it is not expected to happen for at least a few hundred years. By then the warming trend may have slowed, stopped, or reversed.

¹ Lomborg, B., 2007. *Cool It: The Skeptical Environmentalist's Guide to Global Warming*, Alfred A. Knopf, New York, NY, p. 41.

² Oard, M.J., 2011. *The Great Global Warming Debate* (DVD), Creation Ministries International, Powder Springs, GA.

³ Balling Jr., R.C., 2006. Observational surface temperature records versus model predictions. In Michaels, P.J. (editor), *Shattered Consensus: The True State of Global Warming*, Rowman & Littlefield Publications, Inc., Lanham, MD, pp. 50–71.

⁴ Scafetta, N. and West, B., 2008. Is climate sensitive to solar variability? *Physics Today* 61 (3):50–51.

⁵ Myhre, G., Myhre, C.L., Foster, P., and Shine, K., 2017. Halfway to doubling of CO₂ radiative forcing, *Nature Geoscience* 10:710–711.

⁶ Pausata, F.S.R., Legrande, A.N., and Roberts, W.H.G. 2016. How will sea ice loss affect the Green-

land Ice Sheet? *EOS Transactions of the American Geophysical Union* 97(9):10, 2016.

⁷ Hammer, C., Mayewski, P.A., Peel, D., and Stuiver, M., 1997. Preface to special volume on two Greenland ice cores, *Journal of Geophysical Research* 102 (C12):26,315–26,316, 1997.

⁸ Oard, M.J., 2021. Ice core oscillations and abrupt climate changes: part 4—abrupt changes better explained by the Ice Age, *Journal of Creation* 35(3):97–102.

⁹ Crockford, S.J., 2019. *The Polar Bear Catastrophe That Never Happened*, The Global Warming Policy Foundation, London, UK.

¹⁰ Oard, M.J., Get the facts: hurricanes and global warming, AiG website, November 3, 2017; <https://answersingenesis.org/environmental-science/climate-change/get-the-facts-hurricanes-and-global-warming/>.

¹¹ Gramling, C., 2021. Hurricanes are not actually on the rise, *Science News* 200(3):10.

¹² Pielke, Jr., R., *The Climate Fix*, Perseus books Group, New York, NY.

¹³ Voosen, P., 2021. Key Antarctic ice shelf is within years of failure, *Science* 374:1420.



Micheal Oard has a MS in Atmospheric Science from the University of Washington and worked as a meteorologist with the National Weather Service for 30 years. He is an active researcher and speaker and has written numerous articles and books on Creation Science. He is a Board Member for Creation Research Society.

While the Earth remaineth, seedtime and harvest, and cold and heat, and summer and winter, and day and night shall not cease.

Genesis 8:22



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FOUNDATIONS JULY/AUGUST 2022

For in six days the LORD made
the heavens and the earth,
the sea and all that is in them.
Exodus 20:11

SAFARI TO DINOSAUR RIDGE ON FRIDAY, JULY 16th - see page 8!

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UPCOMING RMCF FRIDAY NIGHT MEETINGS!!

7pm at the Littleton Baptist Church, 1400 W Caley, Littleton, CO

August 12, 2022



Paul Feltz

Chairman, North East Colorado Creation Group

In Search of Noah's Flood

How did the Flood cover Long's Peak or Mt. Everest? Why are there river rocks where there are no rivers? Why have they found buried sea turtle shells? Why are there all sorts of sea shells found in a mud flow? Why are there coal layers above sea shell layers? Paul will address those questions, and many more, during this talk. Don't miss it!

Sept 9, 2022



Brian Catalucci

Answers in Genesis

Aliens and UFO's: Who Are They Really?

Are we REALLY being visited by beings who evolved on other planets in the Universe? Do they REALLY have advanced technology that allows them to find and travel to us? Or is something else going on? Find out here! Prepare to have your mind blown!

Oct 14, 2022



Dr. Don DeYoung

Ph.D., Astrophysicist

Gravity

The attractive gravity force acts between all objects provides a stable universe. We will explore the efforts to explain gravity's origin and properties, including its propagation speed through space. Scripture provides insight on the mysteries of this amazing, invisible force.

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