The Heavens Declare the Glory of God…
The Law of the Lord is Perfect, Restoring the Soul
Psalm 19:1a,9a

4 - The Ice Age
Notes Available at: IfMyPeople.US

Review of The Mountains of Tejas

- Dispersal
  - Languages
  - DNA
  - Nations
- People
  - Leaving the Ark
  - Rebellion & Nimrod
  - Historical Descendants From Noah to King Arthur

The Big Ideas

- Recall
  - Ice Age HEAT
  - Big to Little Energy
- Glaciers Are Still Tapering Off
- Glaciers Allowed Dispersal
  - People
  - Critters
  - Vegetation

H.E.A.T.

- Hot Oceans – From Hot Magma, Water, Friction
- Evaporation – Like a Tea Kettle
- Aerosols – High Volume Ash During Late & Post Flood
- Time – Right After Flood (±300 Years)

Hot Oceans. During the Genesis Flood, hot, molten material from Earth's interior, possibly including much warmer waters from the "fountains of the great deep" (Genesis 7:11), volcanism, and friction from plate tectonics, would have significantly warmed the world's oceans, perhaps by tens of degrees Celsius.

Evaporation. Warmer oceans would have resulted in greatly elevated evaporation. This would have increased the amount of moisture in the atmosphere, ultimately resulting in much greater snowfall over the relatively cool continents in the mid- and high-latitude regions.

Aerosols. The enormous amounts of volcanic activity that occurred toward the end of the Flood and afterward would have ejected an enormous volume of tiny particles called aerosols into the atmosphere. These aerosols would have reflected significant amounts of sunlight away from Earth's surface, resulting in cooler summers over the continents. Thus, winter snow and ice would not completely melt, even during the warmest months. Ice sheets would grow as more snow and ice accumulated during subsequent winters.

Time. Explosive volcanic eruptions can result in noticeable cooling over the continents, and both creation and evolution scientists agree that many enormous volcanic eruptions have occurred in the past. Creation scientists believe many of these eruptions occurred toward the end of the Flood and for many years afterward as Earth slowly returned to equilibrium after the Flood cataclysm. As noted above, aerosols from explosive volcanic eruptions are a potent cooling mechanism for keeping developing ice sheets from melting. However, because secular scientists hold that millions of years separated each volcanic eruption from the next, they cannot use this mechanism to account for an ice age. Thus, the Bible's short timescale is critical in explaining the Ice Age!

- *Was There an Ice Age J Heber https://www.icr.org/article/7841*

- Per Oard temperature of the Ocean was 30° C

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Volcanism - Ruptured seafloor spawning volcanic energy mid ocean and along plate boundaries
Heat Difference - -From Basalt & Cold Seafloors caused great potential energy
Cold-2-Warm - This potential resulted in hot seafloors warming the ocean
Rainfall - Evaporation transferring warm water to the now-cold atmosphere bringing snow, much by hypercanes and plain rain.
Even-Out – Over time the energy levels have dropped. But this is still occurring today glaciers continue to recede from reduced evaporation-to-rainfall

Excuse 1: No Food

God in His wisdom, provided a way to multiply and fill the earth.
The animals had already gone and filled the earth. By the time of Peleg, 4 generations (over a hundred years) after the Flood, they had dispersed in much the same way

When our ancestors scattered from Babel, they encountered a very different world. At the height of the Ice Age, you could walk to England or Japan without a boat. For a brief time, you could even hike overland

from Asia to North America. The Persian Gulf didn't even exist.

"So it's a huge mistake to assume that the pioneers from Babel settled in places where we find people today. The fossil record indicates that this era was rocked by constant flooding, supervolcanoes, massive

earthquakes, and "super snowstorms." Eventually, things settled down. Many families began raising seasonal crops, and when their populations reached sufficient size, they founded new cities." AIG Mysteries of Our Frozen Past AnswersMagazine.com p 51

Excuse 2: Unpassable Glaciers

Seas were how hot? 30° C 86° F. /* Bonus points: Why so hot? */ That caused local ice melt near oceans allowing Mammoths, other animals, and the vegetation needed to support them to grow. Wooly mammoths are found mostly in Siberia near the Arctic Ocean, which cooled off over time, destroying the habitat, and killing off most mammals by starvation or cold temps.

Excuse 3: Ocean Level Too High

Figure 4. Sea surface Temperature for various years in the simulation. a) Ten years, b) forty years, c) 160 years, and d) 390 years.

Figure 4. Timeline showing ice volume and sea level relationships vs years post-Flood, including an estimated 'window for land animal/human migration'. The ice accumulation curve is the same as the sea level curve due to their interdependency. As ice volume increases, the sea level drops in an inverse relationship. (Created by Mary Smith.)

Quotes:

"after the Flood, there would have been no ice caps… the Ice Age would have temporarily lowered sea levels by another 60—85 m…"

"… hotter ocean temperatures could have kept the coastal lowlands of Siberia, Alaska, and the Yukon from developing thick glaciers during much of the Ice Age"

the oceans would take close to 700 years to return to today's temperatures, while a glacial ice maximum would be reached in about 500 years, post-Flood.24 The warmer

oceans and the formation of multiple ice caps would have preserved pathways along the coasts and possibly preserved gaps between the glaciers. – *Clarey*
https://creation.com/images/pdfs/tj/j30_2/j30_2_54-59.pdf

The Point: Who Will You Believe

- Uniformitarian: The Present is the Key to the Past
    - Low Energy
    - No Witness
- Young Earth: The Bible Says
    - High to Low Energy Flood Judging Humankind
    - Faithful Eyewitness

God's wisdom provided a recovery from His righteous judgment via the Ice Age allowing humanity to obey His post-Flood command: Multiply and fill the earth.

A DIFFERENT WORLD

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So it's a huge mistake to assume that the pioneers from Babel settled in places where we find people today. The fossil record indicates that this era was rocked by constant flooding, supervolcanoes, massive earthquakes, and "super snowstorms."

Eventually, things settled down. Many families began raising seasonal crops, and when their populations reached sufficient size, they founded new cities.

LINING UP THE ICE AGE

The Bible gives us an absolute timeline for understanding world events. By lining up the right clues, it is possible to narrow down when the Ice Age most likely occurred.