

THE PREHISTORIC PERIOD (3977-665 BC)

1 - PREHISTORIC PERIOD (3977-665 BC)

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1A - EARLY PREHISTORIC ERA (3977-2321 BC)

1A-0 - Creation Week (3977 BC)

Day 1 – God created Universe – His work this day was divided into two phase:

- **Part 1** - God spoke, and Universe appeared, consisting of two parts: (a) a dark globe of water (the deep = matter) at its center and (b) a shell of space (the 2nd heaven) above and surrounding the globe.
- **Part 2** - God spoke, and the globe of water (the deep) collapsed in on itself, (a) tearing molecules apart into their component particles, (b) creating new elements and then molecules, and (c) releasing tremendous amounts of energy in the form of light, which illuminated one portion of the globe of water.

Day 2 – God differentiated the globe of water - God spoke, and the globe of water divided into three parts.

- **Part 1** - *A ball of water at its center (the lower waters, proto-earth)*, which was surrounded by two concentric spheres of water, and which would become Earth.
- **Part 2** - *A shell of water (the firmament, the expanse, the 1st heaven)*, which was above and surrounding proto-earth, and which would become interstellar space.
- **Part 3** - *A shell of water (the upper waters)*, which was above and surrounding the firmament, and the underside of which became the boundary of the visible cosmos.

Day 3 – God differentiated the ball of water (proto-earth) – God spoke, and the ball of water divided into five parts:

- **Part 1** - *A ball iron and nickel* (Earth's core), which was surrounded by four successive, concentric shells.
- **Part 2** - *A shell of silicates* (Earth's mantle).
- **Part 3** - *As shell of rocks* (Earth's lithosphere), the upper portion of which consisted of the *Hadean*, the *Archean*, and the first two phases of the *Proterozoic Strata* (i.e. *the Paleo-Proterozoic & Meso-Proterozoic Strata*) ¹ of the geologic column.
- **Part 4** - *A shell of water* (Earth's hydrosphere), which God then separated into a single ocean (the sea) and a single continent (the land), which he lifted above the surface of the ocean, and which was thus surrounded the ocean.
- **Part 5** - *A shell of gases* (Earth's atmosphere), which was divided into five main layers by temperature: (a) the troposphere at the bottom, (b) the stratosphere, (c) the

¹ These strata are associated with the Hadean Eon, the Archean Eon, and the Proterozoic Eon, which together comprise the Pre-Cambrian Super-eon (formerly called the Cryptozoic Eon) in the orthodox geologic column, about which geologists know very little. The reason, of course, is that the severity of the Flood in 2321 BC (the *Noah Disturbance*), which followed 1656 years after Creation, erased most of what had existed prior to it, and the severity of the global cataclysm at the time of the Exodus in 1464 BC (the *Moses Disturbance*), which followed 857 years after the Flood, further confused the geologic record.

mesosphere, (d) the thermosphere, and (e) the exosphere at the top, which bordered interstellar space.

Day 4 – God differentiated the firmament (the roof over mankind’s head) – God spoke, and the shell of water was broken down into particles which then congealed into galaxies, stars, planets, moons, etc. and ether (probably plasma).

Day 5 – God populated the sea and air – God spoke, and fish appeared in the sea and birds appeared in the air.

Day 6 – God populated the land – God spoke, and animals and mankind appeared on land.

Day 7 – God rested.

1A-1 - Ancient’s Primordial Age (3977 BC)

This age was called the Primordial Age by the Ancients. It began with the end of *Creation Week*, lasted a brief period of time (measured in days or weeks, but certainly less than a year), during which Adam and Eve fellowshiped with God and explored one another and the Garden in which they lived. Then, the Serpent seduced Eve into eating the fruit of the Tree of the Knowledge of Good and Evil, and Eve in turn persuaded Adam to eat the forbidden fruit, whereupon Adam and Eve became aware of their nakedness - not just their nudity, but their loss of a spiritual covering as well.

In 3977 BC, this period was terminated by the *Adam Disturbance* - a term under which I bundle together all the consequences of the Fall:

- **General** – God took certain measures that changed the nature of things: (1) he introduced death and presumably disease and decay into the organic world; (2) he forced the Serpent and his descendents to crawl on their bellies in the dust; (3) he subjected all females to severe pain in their birthing of children; and (4) he subjected males to taxing work in providing food for themselves and their families;
- **Spiritual** – God took several additional measures: (1) he killed some animals (probably lambs; their innocent blood was a harbinger of the innocent blood that Messiah would shed on the cross at Golgotha 4 millennia years later) and presented their skins to Adam and Eve to cover their nakedness and their sin; (2) he expelled Adam and Eve from the Garden; and (3) he placed two Cherubims and a flaming sword to the east of Eden “to keep the way of the Tree of Life.”
- **Geology** - This disturbance probably laid down the *Neo-Proterozoic Strata*,² which contains the remains of plant and animal life.³

² These strata are associated with the third and final phase of the Proterozoic Eon in the orthodox geologic column.

³ The end of the Antediluvian Era marked the end of the Primary System, which was called the Azoic, the Cryptozoic, and the Pre-Cambrian in the early years of geologic study.

This period was followed by

1A-2 – Ancients' Golden Age (3977-2321 BC)

This era was called the Golden Age by the Ancients. It began the *Adam Disturbance* (*Onset of Death & Decay*), lasted almost 1656 years (3977-2321 BC), and ended with the *Noah Disturbance* (*Global Flood*). During this era,

- Cain demonstrated the improper way to worship God, by presenting God with the fruits of his own work;
- Abel demonstrated the proper way to worship God, by presenting him with the blood of innocent lambs;
- Cain committed the first murder, killing his brother Abel;
- Cain built the first city, which he named Enoch.
- Mankind began to call on the name of the Lord after Enos, son of Seth, was born in 3742 BC.
- Jabal, a great-great-great-great-grandson of Cain, seems to have been the first rancher.
- Jubal, a great-great-great-great-grandson of Cain, seems to have been the first musician.
- Tubal-cain, a great-great-great-great-grandson of Cain, seems to have been the first metal worker.
- Mankind may have reached a fairly high level of intellectual and technological sophistication, but mankind engaged in every form of wickedness, which caused God to decide to destroy nearly all living creatures outside of the sea, excepting a chosen few. So God decreed a global flood in 2441 BC and commanded Noah to build a vessel that would carry him, his three sons, their four wives, and a male and female of every species that lived on land.
- Noah and his three sons Japheth, Shem, and Ham built the Ark during the next 120 years (2441-2321 BC).
- The Lord caused all the passengers of the Ark to come to and enter it and then he closed the door to it from the outside, sealing them inside.

In 2321 BC, this period was terminated by the *Noah Disturbance*.

- **General** - This disturbance consisted of a global flood of water that covered the land with water, which drowned all men, animals, and birds with the exception of the passengers on the Ark. It had two sources: (a) profuse up-gushing from subterranean reservoirs below and (b) torrential downpours from above, probably resulting from the precipitation of the vapor canopy that existed at the time.
- **Geology** – This disturbance probably laid down the entire *Paleozoic Strata*,⁴ which trapped life in the following order: (1) in the *Cambrian Strata* and *Ordovician Strata*, invertebrates dwelling on the ocean bottom were engulfed by sub-marine mud flows, magmas, and precipitating limestone from carbon-dioxide rich waters; (2) in the *Silurian*

⁴These strata are associated with the first phase of the Phanerozoic Eon in the orthodox geologic column.

Strata, free-swimming fish living near shorelines were over-whelmed by eroding material and rising waters; (3) in the *Devonian Strata*, large, free-swimming fish and shoreline plants were overwhelmed by eroding material and rising waters; (4) in the *Carboniferous/ Mississippi Strata* and *Carboniferous/ Pennsylvanian Strata*, land plants were overwhelmed by eroding material and rising waters; (5) in the *Permian Strata*, amphibians were over-whelmed by eroding material and rising waters; and (6) all other species fled to high ground, but were eventually drowned, leaving no traces.⁵

This period was followed by

1B - MIDDLE PREHISTORIC ERA (2321-1464 BC)

The Middle Prehistoric Era = the Postdiluvian Era (a) began with the *Noah Disturbance*, (b) lasted 857 years (2321-1464 BC), and (c) ended with the *Moses Disturbance* (*Venus Contact #1*). It can be divided into two phases: Phase 1B-1-the Ancients Silver Age = the Early Postdiluvian Age and Phase 1B-2 - the Ancients' Bronze Age = the Late Postdiluvian Age.

1B-1 – Ancients' Silver Age (2321-1870 BC)

This phase was called the Silver Age by the Ancients is the equivalent of the Bible's Early Postdiluvian Age = the Stone Age of the archaeologists. It (a) began with the *Noah Disturbance*, (b) lasted 451 years (2321-1870 BC), and (c) ended with the *Abraham Disturbance* (*Sodom & Gomorrah*). It can be divided into three minor periods: Period 1B-1A - the Ancients' 1st Silver Period = Initial Settlement and Migrations, Period 1B-1B - the Ancients' 2nd Silver Period = the Rise of Babylon, and Period 1B-1C - the Ancients' 3rd Silver Period = the Rise of Civilizations.

1B-1A – Ancients' 1st Silver Period = Initial Settlement & Migrations (2321-2221 BC)

This period, which is the equivalent of the archaeologists' Paleolithic Period, (a) began with the *Noah Disturbance*, (b) lasted 100 years (2321-2221 BC), and (c) ended with the *Peleg Disturbance* (*Division of the Land*). It saw the voyage of the Ark, its landfall in the mountains of eastern Tadzikistan, at the northern end of the Hindu Kush, the establishment of a settlement in the area, and then the first migrations northward into the Great Siberian Plain, eastward into China (probably led by Fu Xi, the fourth emperor of the *San-huang Wu Tui*), southward into the Indus Valley, and westward through Afghanistan and Iran into Mesopotamia (probably led by Ukusi (=Cush) or Azag (=Nimrod), the first two rulers of Babylon's 1st Dynasty and Egypt's Predynastic period).

In 2221 BC, this period was terminated by the *Peleg Disturbance*, possibly when the orbits of Earth and the comet Venus nearly intersected.

- **General** - This disturbance divided Earth's single land-mass into the continents and

⁵ See Setterfield, Barry, Geologic Time and Scriptural Chronology, Barry Setterfield, Blackwood Australia, 1987.

major islands that exist today.

- **Geology** – This disturbance probably laid down the *Early Triassic strata*⁶ of the geologic column.

This period was followed by

1B-1B - Ancients' 2nd Silver Period = Rise of Babylon (2221-2070 BC)

This period, which is the equivalent of the archaeologists' Mesolithic & Neolithic Periods, (a) began with the ***Peleg Disturbance***, (b) lasted 151 years (2221-2070 BC), and (c) ended with the ***Terah Disturbance*** (*Tower of Babel*). In the east, it saw the creation of an empire in China under Fu Xi, Yan Emperor, Yellow Emperor, Shaohao, and Zhuanxu of the *San-huang Wu Tui*. In the west, it saw the creation of a Babylonian empire from Mohenjo-Daro in the east to the British Isles in the west under the generalship of Mannis-tussu (=Menes & Manasyu), who was the second son of Sargon (=Azag, Ka-ap, & Sha-Kuni).

In 2221 BC, this period was terminated by the ***Terah Disturbance***, possibly when the orbits of Earth and the comet Venus nearly intersected.⁷

- **General** - This disturbance (a) confounded mankind's ability to communicate in a common language, (b) destroyed the Tower of Babel, and (c) probably devastated much of Mesopotamia.
- **Geology** – This disturbance probably laid down the *Middle and Late Triassic Strata*⁸ of the geologic column.

This period was followed by

1B-1C - Ancients' 3rd Silver Period = Rise of Civilizations (2070-1870 BC)

This period, which is the equivalent of the archaeologists' Chalcolithic or Copper Period, (a) began with the ***Terah Disturbance*** (*Tower of Babel*), (b) lasted 200 years (2070-1870 BC), and (c) ended with the ***Abraham Disturbance*** (*Sodom & Gomorrah*). In the east, it saw the continuation of the empire in China under Zhuanxu, Ku, Zhi, and Yao of the *San-huang Wu Tui*. In the west, following the devastation in Mesopotamia, rule over the empire created by Menes continued under the pharaohs Kourodes, Kenkenes, Aristarchus, Miebedodos, Osirophus

⁶ These strata are associated with the first phase of the Triassic Period, which is the first phase of the Mesozoic Era, which is the second phase of the Phanerozoic Eon in the orthodox geologic column.

⁷ Originally, I assigned ***Terah's Disturbance*** to 2070 BC. I forget all my reasons for doing so, but one was certainly the fact that Kenkenes (E03-01) had broken the Akkadian Dynasty's hold on Egypt, which would have probably occurred early in his reign. In recent years, I have leaned toward 2020 BC, because there was a severe break at the end of Sharguni (AK-10)'s reign, which would have left the Akkadian Dynasty in a weakened state and thereby created an opportunity for Kenkenes to throw off the Mesopotamian yoke. Changing all my documents, however, is beyond my abilities at this point in my life.

⁸ These strata are associated with the second and third phases of the Triassic Period, which is the first phase of the Mesozoic Era, which is the second phase of the Phanerozoic Eon in the orthodox geologic column.

(=Cheops), and Seochris (=Chephren) of Dynasties 1-4. In 1894 BC, Abraham left Ur of the Chaldees, traveled to Haran, where he buried Terah, and then entered into Canaan. Probably in 1893 BC, he visited Cheops in Egypt.

In 2020 BC, the *1st Terah Threat*, possibly when the orbits of Earth and the comet Venus nearly intersected.

In 1970 BC, the *2nd Terah Threat*, possibly when the orbits of Earth and the comet Venus nearly intersected.

In 1920 BC, the *3rd Terah Threat*, possibly when the orbits of Earth and the comet Venus nearly intersected.

In 1870 BC, this period was terminated by the *Abraham Disturbance*, possibly when the orbits of Earth and the comet Venus nearly intersected.

- **General** - This disturbance (a) accompanied the Covenant, (b) destroyed the Vale of Siddim, which included Sodom and Gomorrah, (c) caused the Great African Rift or its greater expansion, and (d) flooded China in the days of the emperor Yao.
- **Geology** – This disturbance probably laid down the entire *Jurassic Strata*⁹ of the geologic column.

This period was followed by

1B-2 – Ancients' Bronze Age (1870-1464 BC)

This period, which is the equivalent of the Early Bronze Age of the archaeologists, (a) began with the *Abraham Disturbance*, (b) lasted 406 years (1870-1464 BC), and (c) ended with the *Moses Disturbance* (*Venus Contact #1*). It saw the development of advanced civilizations in China and Egypt. It can be divided into two minor periods: Period 1B-2A - The Pre-Job Time and Period 1B-2B - The Post-Job Time.

Period 1B-2A - The Pre-Job Time (1870-1667 BC)

This period, which is the equivalent of the Early Bronze Age 1A of the archaeologists, (a) began with the *Abraham Disturbance*, (b) lasted 203 years (1870-1667 BC), and (c) ended with the *Job Disturbance* (Trials of Job),¹⁰ during which the pharaohs of Egypt's 4th Dynasty ruled for 70 years (1870-1800 BC) and of Egypt's 5th Dynasty ruled for 133 years (1800-1667 BC). It included the last 191 years (1870-1679 BC) of the Hebrews' Sojourn in Canaan, at which point

⁹ These strata are associated with the second phase of the Mesozoic Era, which is the second phase of the Phanerozoic Eon in the orthodox geologic column.

¹⁰ Note that this period does not conform to the biblical period identified elsewhere as Period 3B(1) - Phase 2 of the Sojourn in Canaan.

Jacob led the *Descent into Egypt*, and the first 12 years (1679-1667 BC) of the Hebrews' Sojourn in Egypt.

In 1819 BC, the *1st Abraham Threat* occurred, possibly when the orbits of Earth and the comet Venus nearly intersected.

In 1769 BC, the *1st Isaac Threat* occurred, possibly when the orbits of Earth and the comet Venus nearly intersected.

In 1718 BC, the *2nd Isaac Threat* occurred, possibly when the orbits of Earth and the comet Venus nearly intersected.

In 1667 BC, this period was terminated by the *Job Disturbance* possibly when the orbits of Earth and the comet Venus nearly intersected.

- **General** - This disturbance included raining fire, hurricane winds, and earthquakes and killed Job's children.
- **Geology** – This disturbance probably laid down the entire *Cretaceous Strata*¹¹ of the geologic column.

This period was followed by

Period 1B-2B – The Post-Job Time (1667-1464 BC)

This period, which is the equivalent of the Early Bronze Age 1B of the archaeologists, (a) began with the *Job Disturbance*, (b) lasted 203 years (1667-1464 BC), and (c) ended with the *Moses Disturbance* (*Venus Contact #1*). It saw the entire 215 years (1679-1464 BC) of the Hebrews Sojourn in Egypt, during which the 12th Dynasty pharaohs ruled for 169 years (1667-1498 BC) and the 13th Dynasty pharaohs ruled for 34 years (1498-1464 BC).

In 1616 BC, the *Joseph Threat* occurred, possibly when the orbits of Earth and the comet Venus nearly intersected.

In 1566 BC, the *1st Hiatus Threat* occurred, possibly when the orbits of Earth and the comet Venus nearly intersected.

In 1515 BC, the *2nd Hiatus Threat* occurred, possibly when the orbits of Earth and the comet Venus nearly intersected.

In 1464 BC, this period was terminated by the *Moses Disturbance*, when the orbits of Earth and the comet Venus intersected.

¹¹ These strata are associated with the third and final phase of the Mesozoic Era, which is the second phase of the Phanerozoic Eon in the orthodox geologic column.

- **General** – This disturbance occurred when Moses was 80 years old and extended over several weeks, which can be divided into two phases: (1) The comet's approach from the vicinity of the sun, where it reached its perihelion. Its tail, which was repulsed by the sun, preceded it and engaged the earth first with dust, then pebbles, then boulders, and then heat from the molten comet, which together produced the ten plagues of Egypt that are described in both the Bible and the Papyrus Ipuwer. (2) The comet's arrival, which appears to have involved contact between the space charge sheaths of Earth and the comet, and after which they remained intertwined for approximately six weeks, during which they exchanged enormous electrical discharges, which the ancients called thunderbolts. In addition, the encounter produced earthquakes, tidal waves, tectonic upheavals, tsunamis, torrential rains, thunder and lightning, raining naphtha, hurricane winds, and a whirlwind or tornado which appeared as a Pillar of Cloud by day and a Pillar of Fire by night.
- **The Exodus** - In the ensuing chaos, the Jews left Egypt via the Strait of Tiran,¹² where God parted the waters between the Gulf of Aqaba to the north and the Red Sea to the south, enabling the Jews to cross from Egypt to Midian, and then collapsed the waters, thereby drowning the last pharaoh of the 13th Dynasty and his army, which put an end to Egypt's Middle Kingdom.
- **Geology** - The disturbance probably laid down the *Late Cretaceous Strata* and the *Paleogene & Neogene Strata*. This encounter also produced tremendous volcanic activity, which enveloped Earth in a dense cloud layer that prevented normal insolation for years. The lack of warming sunlight precipitated the *1st Nebraskan=Gunz Ice Advance* (the start of Ice Age 1) followed by the *1st Aftonian Ice Retreat*, both of which fell in the next period.

This period was followed by

1C - LATE PREHISTORIC ERA (1464-665 BC)

This period, which is the equivalent of the Turbulent Era (JH) = the geologists' Pleistocene Epoch, (a) began with the **Moses Disturbance** (*Venus Contact #1*), (b) lasted 799 years (1464-665 BC), and (c) ended with the **2nd Hezekiah Disturbance** (*Mars Contact #3*). It was divided into three phases: Phase 1C-1 Ancients' Missing Age = the Reign of Venus = the Early Pleistocene Age, Phase 1C-2 Ancients' Heroic Age = War in the Sky (JH) = roughly the Middle Pleistocene Age, and Phase 1C-3 Ancients' Iron Age = the Reign of Mars (JH) = roughly the Late Pleistocene Age.

¹² I believe that the route of the Exodus (a) started at Pi-Ramses and Pi-Thom in the Nile Delta, (b) crossed over the top of the Bitter Lakes, (c) ran southeast down the southwestern shore of the Sinai Peninsula, (d) rounded the tip of the peninsula, (e) ran northeast to Pi-ha-hiroth (today's Nabq), which is the western landfall of the Strait of Tiran, (f) crossed the strait to Baal-zephon (today's Ra's ash Shaykh Humayd), which is the eastern landfall of the strait, and (g) thus arrived in Midian (today's Saudi Arabia).

1C-1 – Ancients’ Missing Age (1464-1008 BC)

I call this period the *Ancients’ Missing Age* because it was undoubtedly considered by the Ancients to be either the end of their Bronze Age (1870-1464 BC) (most probable) or the beginning of their Heroic Age (1008-754 BC). It lasted 456 years (1464-1008 BC) and contained five cosmic encounters between Earth and the comet Venus: the *Moses Disturbance* (Venus Contact #1 in 1464 BC), the *Joshua Disturbance* (Venus Contact #2 in 1413 BC), the *Deborah Disturbance* (Venus Contact #3 in 1261 BC), the *Samuel Disturbance* (Venus Contacts #4 in 1058 BC), and the *David Disturbance* (Venus Contact #5 in 1008 BC), each of which produced an ice age that began with a fall in temperature due to the voluminous clouds of volcanic ash that hung in the air for decades and then a rise in temperature due to the precipitation of the ash over several more decades. Accounts from around the globe mention an era in the past that was intensely gloomy (undoubtedly due to the clouds of ash in the air) and unfruitful (undoubtedly due to the lack of insolation). The survivors during this age lived hard lives. They lived either in the ruins of their homes or in local caves. They struggled to produce sufficient crops to sustain themselves and their surviving livestock. They engaged in continuous warfare to protect themselves from marauders moving south out of more inhospitable climes. As a result, they left little evidence of their time, such as buildings, artifacts, written records, or even oral lore, and the memory of their experience diminished with the passing of time. The age went missing!

The age was divided into at least four minor periods - ice ages – the first of which was

1C-1A - the Ancients’ 1st Missing Period = Ice Age 1 (1464-1413 BC)

In 1413 BC, this period was terminated by the *Joshua Disturbance*, when the orbits of Earth and the comet Venus intersected.

- **General** - This disturbance occurred during the battle between the Israelites and the Amorites at Beth Horon. Meteorites fell on the battlefield. The Sun appeared to stand still in the sky,¹³ thereby prolonging the day in the Middle East and the night in the Americas.
- **Geology** – This period coincided with the *1st Nebraskan=Gunz Ice Advance* (the start of Ice Age 1) followed by the *1st Aftonian Ice Retreat*. At its end, the *Joshua Disturbance* caused tremendous volcanic activity, which enveloped Earth in a dense layer of clouds that prevented normal insolation for years. The lack of warming sunlight precipitated the *2nd Nebraskan=Gunz Ice Advance* (the start of Ice Age 2) followed by the *2nd Aftonian Ice Retreat*, both of which fell in the next period.

This period was followed by

1C-1B - the Ancients’ 2nd Missing Period = Ice Age 2 (1413-1261 BC)

¹³ Probably due a shift in Earth’s axis of rotation.

This period (a) began with the *Joshua Disturbance* (*Venus Contact #2*), (b) lasted 152 years (1413-1261 BC), and (c) ended with the *Deborah Disturbance* (*Venus Contact #3*). During it, the comet returned c.1363 and c.1312 BC, but there is no biblical record of cataclysms on these dates.

In 1363 BC, the *Othniel Threat* occurred when the orbits of Earth and the comet Venus nearly intersected.

In 1312 BC, the *Ehud Threat* occurred when the orbits of Earth and the comet Venus nearly intersected.

In 1261 BC, this period was terminated by the *Deborah Disturbance*, when the orbits of Earth and the comet Venus intersected.

- **General** – This disturbance occurred during the battle between the Hebrews under Deborah and Barak and the Canaanites under Sisera, when above their heads “the stars in their courses fought against Sisera,”¹⁴ “...the heavens dropped, and the clouds also dropped water,”¹⁵ and below “the mountains melted...”¹⁶ and “...the earth trembled,”¹⁷ all of which “discomfited Sisera and all his chariots and all his hosts, with the edge of the sword,”¹⁸ at which point the Canaanites fled, but “...Barak pursued Sisera, and all his chariots, and after the host..., and all the host of Sisera fell upon the edge of the sword; and there was not a man left.”¹⁹
- **Geology** – This period coincided with the 2nd *Nebraskan=Gunz Ice Advance* (the start of Ice Age 2) followed by the 2nd *Aftonian Ice Retreat*, At its end, the *Deborah Disturbance* caused tremendous volcanic activity, which enveloped Earth in a dense cloud layer that prevented normal insolation for years. The lack of warming sunlight precipitated the *Kansan=Mindel Ice Advance* (the start of Ice Age 3) followed by the *Yarmouth Ice Retreat*, both of which fell in the next period.

This period was followed by

1C-1C - the Ancients' 3rd Missing Period = Ice Age 3 (1261-1058 BC)

This period (a) began with the *Deborah Disturbance* (*Venus Contact #3*), (b) lasted 203 years (1261-1058 BC), and (c) ended with the *Samuel Disturbance*, (*Venus Contact #4*). During this period, the comet returned c.1210 BC, c.1160 BC, and c.1109 BC, but there is no biblical record of cataclysms on these dates.

¹⁴ Judges 5:20.

¹⁵ Judges 5:4a.

¹⁶ Judges 5:5.

¹⁷ Judges 5:4b.

¹⁸ Judges 4:15.

¹⁹ Judges Samuel 7:10.

In 1210 BC, the *Gideon Threat* occurred when the orbits of Earth and the comet Venus nearly intersected.

In 1160 BC, the *Jair Threat* occurred when the orbits of Earth and the comet Venus nearly intersected.

In 1109 BC, the *Elon Threat* occurred when the orbits of Earth and the comet Venus nearly intersected.

In 1058 BC, this period was terminated by the *Samuel Disturbance*, when the orbits of Earth and the comet Venus intersected.²⁰

- **General** – This disturbance occurred during a battle between the Hebrews and the Philistines at Mizpeh and produced “a great thunder that day upon the Philistines and discomfited them; and they were smitten before Israel.” (The language here suggests the same kind of event that occurred during the battle between the Hebrews and the Canaanites in Deborah’s time.) In addition, this disturbance fell in the reign of King Apophis (also known as Ogyges) in Egypt, who reigned for 61 years (1102-1041 BC), and this disturbance undoubtedly caused the Flood of Ogyges in Egypt²¹ and the Flood of Deucalion in Greece.²²
- **Geology** – This period coincided with the *Kansan=Mindel Ice Advance* (the start of Ice Age 3) followed by the *Yarmouth Ice Retreat*. At its end, the *Samuel Disturbance* probably caused tremendous volcanic activity, which enveloped the earth in a dense cloud layer that prevented normal insolation for years. The lack of warming sunlight precipitated the *Illinoisian=Riss Ice Advance* (the start of Ice Age 4) followed by the *Sangamon Ice Retreat*, both of which fell in the next period.

This period was followed by

1C-1D - the Ancients’ 4th Missing Period = Ice Age 4 (1058-1008 BC)

This period began with the *Samuel Disturbance*, (*Venus Contact #4*), lasted 50 years (1058-1008 BC), and ended with the *David Disturbance* (*Venus Contact #5*).

²⁰ There is a problem here. On the one hand, my attempt to determine the dates of the intersections between the orbits of Earth and the comet Venus indicates a date of 1058 BC for the Samuel Disturbance, which I associate with the battle between the Hebrews and the Philistines at Mizpeh. In its description of this battle, the Bible says, “the Lord thundered with a great thunder... upon the Philistines and discomfited them, and they were smitten before Israel. And the men of Israel went out of Mizpeh and pursued the Philistines and smote them.... So the Philistines were subdued” (1 Samuel 7:10,13). The great thundering may have been the result of electrical discharges between Earth and the comet that blasted the Philistine army. On the other hand, Bible chronology indicates that the Battle of Mizpeh occurred in 1053 BC. I have gotten something wrong, but I have not yet figured out where my error lies.

²¹ Ogyges was the last pharaoh of the Hyksos Period (1464-1041 BC) in Egypt. He was also known as Apepi and Apophis. He reigned for 61 years (1102-1041 BC) at the end of Dynasties 8 & 17. He is referred to in the Bible as the Amalekite King Agag, whom Samuel slew after the battle for the fortress Avaris at El Arish in 1041 BC.

²² Deucalion was the king of Phrae and married to Pyrrha. They had two children: a son Hellenus, who also became king of Phrae, and a daughter Protogeneia, who was a consort of Zeus.

In 1008 BC, this period was terminated by the *David Disturbance*, when the orbits of Earth and the comet Venus intersected.

- **General** – This disturbance nearly destroyed Jerusalem. It was attributed to an angel, which undoubtedly means a heavenly body in this context.
- **Geology** – This period coincided with the *Illinoisian=Riss Ice Advance* (the start of Ice Age 4) followed by the *Sangamon Ice Retreat*. At its end, the *David Disturbance* caused tremendous volcanic activity, which enveloped the earth in a dense cloud layer that prevented normal insolation for years. The lack of warming sunlight precipitated the *Iowan Ice Advance* (the start of Ice Age 5) followed by the *Post-Iowan Ice Retreat*, both of which fell in the next period.

This period was followed by

1C-2 – Ancients' Heroic Age (1008-754 BC BC)

This period, which is the equivalent of the Mycenaean Age, the Late Bronze Age, or the Late Helladic III Period of the archaeologists, (a) began with the *David Disturbance* (*Venus Contact #5*), (b) lasted 254 years (1008-754 BC), and (c) ended with the *Azariah Disturbance* (the *Commotion in the Days of Uzziah*) & *Homer's 3rd Cosmic Battle*. There are no biblical records of disturbances between 1008 BC and 754 BC, but there are non-biblical sources which indicate that some unusual things happened at this time. In the *Iliad*, Homer refers to three battles in the sky involving Earth, Selene (the moon), Athene (Venus), and Ares (Mars). Since I believe that such celestial battles happened and were due to the orbits of Earth, Venus, and Mars intersecting every 101-102 years, near collisions would have occurred in years 957 BC, 855 BC, and 754 BC.

1C-2A - Ancients' 1st Heroic Period = Ice Age 5a (1008-957 BC)

This period, which is the equivalent of the archaeologists' Late Helladic IIIa period, (a) began with the *David Disturbance* (*Venus Contact #5*), (b) lasted 51 years (1008-957 BC), and (c) ended with the *Solomon Disturbance* (*Homer's 1st Cosmic Battle*).

In 957 BC, this period was terminated by the *Solomon Disturbance* (*Homer's 1st Cosmic Battle*), when the orbits of Earth, the moon, the comet Venus, and Mars nearly intersected.

- **General** – 957 BC would be the date of what I call *Cosmic Battle #1*. Non-biblical sources indicate the following: In Egypt, the 18th Dynasty's Queen Hatshepsut reigned for 13 years (982-969 BC) alone, and then 22 years (969-947 BC) with her son Thutmose III as coregent. Thus, this disturbance would have occurred during the latter part of her reign, when she visited Solomon in Jerusalem. On her return to Egypt, she had her Mortuary Temple at Deir El- Bahari constructed, for which the architect was Senmut. Senmut's tomb is also located at Deir El-Bahari, and the astronomical information on its

ceiling cannot be matched with today's arrangement of the heavens, but they may reflect conditions just prior to the *Solomon Disturbance*.

- **Geology** – This period coincided with the *Iowan Ice Advance* (the start of Ice Age 5) followed by the *Post-Iowan Ice Retreat*. At its end, the *Solomon Disturbance* had little effect on the *Post Iowan Ice Retreat*, which extended into the next period. This disturbance was followed by

1C-2B - Ancients' 2nd Heroic Period = Ice Age 5b (957-855 BC)

This period, which is the equivalent of the archaeologists' Late Helladic IIIb period, (a) began with the *Solomon Disturbance* (*Homer's 1st Cosmic Battle*), lasted 102 years (957-855 BC), and ended with the *Jehoram Disturbance* (*Homer's 2nd Cosmic Battle*). During this period, the comet returned in 906 BC, but there is no Biblical record of a terrestrial disturbance on this date.

In 906 BC, the *Asa Threat* occurred when the orbits of Earth and the comet Venus nearly intersected.

In 855 BC, this period was terminated by the *Jehoram Disturbance*, (*Homer's 2nd Cosmic Battle*) when the orbits of Earth, the moon, the comet Venus, and Mars nearly intersected.

- **General** - 855 BC would be the date of what I call *Homer's 2nd Cosmic Battle*. Non-biblical sources indicate the following: (1) In Egypt, 855 BC fell in the reign of Pharaoh Amenhotep IV (861-840 BC), who is also known in Egypt as Akhnaton and in Greece as Oedipus.²³ When he ascended to the throne, he destroyed all reminders of his father, such as statues, images, and inscriptions, an act which was regarded by the Egyptians as the equivalent of patricide.²⁴ Several years later, an unidentified affliction (perhaps a plague) struck Egypt, which caused the priest of the Theban Oracle to conclude that an unacknowledged and unatoned for patricide was responsible. (2) In Greece, legends relate that an unusual astronomical event occurred in the time of the brothers Atreus and Thyestes, whom I date to this time.
- **Geology** – This period coincided with a continuation of the *Post Iowan Ice Retreat*. At its end, the *Jehoram Disturbance* had little effect on the continuation of the *Post Iowan Ice Retreat*, which extended into the next period.

²³ In his book, *Oedipus and Akhnaton*, Doubleday, Garden City NY, 1960, which I consider to be a brilliant feat of archaeological and literary detection, Immanuel Velikovsky establishes to my satisfaction that the Greek legends concerning Oedipus had their origins in events at the end of the 18th Dynasty in Egypt. He identified Oedipus (swollen legs) as Akhnaton; his father Amenhotep III, as Laius (impudent effemination); his mother and wife Queen Tiy, as Jocasta; his maternal uncle Ay, as Creon (ruler); his other wife Nefretete, as Euryganeia; his eldest son Smenkhare, as Polyneices; his younger son Tutankhamen, as Eteocles; his daughters Meritaten and Beketaten, as Antigone (they were conflated, but Antigone-Meritaten was buried alive in a pit to die for burying her brother Smenkhare against Ay's orders and Antigone-Beketaten accompanied the blind Akhnaton-Oedipus into exile); Parennefer, as Old Servant; and Amenhotep, son of Hapu, as the seer Tiresias, and his paternal uncle Dushratta, King of Mitanni, as Adrastus, King of Argos.

²⁴ In Greek legend, Oedipus (Akhnaton) actually kills his father Laius (Amenhotep III) and marries his mother Jocasta (Queen Tiy) without knowing that they were his parents.

This period was followed by

1C-2C - Ancients' 3rd Heroic Period = Ice Age 5c (855-754 BC)

This period, which is the equivalent of the archaeologists' Late Helladic IIIc period, (a) began with the ***Jehoram Disturbance*** (***Homer's 2nd Cosmic Battle***), (b) lasted 102 years (855-754 BC), and (c) ended with the ***Azariah Disturbance*** (the *Commotion in the Days of Uzziah*) & (***Homer's 3rd Cosmic Battle***). During this period, the comet returned in 804 BC, but there is no record of a terrestrial disturbance on this date.

In 841 BC, the ***1st Jehoash Threat***, when the orbits of Earth and Mars nearly intersected.

In 826 BC, the ***2nd Jehoash Threat***, when the orbits of Earth and Mars nearly intersected.

In 812 BC, the ***3rd Jehoash Threat***, when the orbits of Earth and Mars nearly intersected.

In 805 BC, the ***1st Amaziah Threat***, when the orbits of Earth and the comet Venus nearly intersected.

In 797 BC, the ***2nd Amaziah Threat***, when the orbits of Earth and Mars nearly intersected.

In 783 BC, the ***3rd Amaziah Threat***, when the orbits of Earth and Mars nearly intersected.

In 768 BC, the ***1st Azariah Threat***, when the orbits of Earth and Mars nearly intersected.

In 754 BC, this period was terminated by the ***Azariah Disturbance*** (the *Commotion in the Days of Uzziah*) & ***Homer's 3rd Cosmic Battle***, when the orbits of Earth, the moon, the comet Venus, and the planet Mars intersected.

- **General** – 754 BC would be the date of what I call ***Homer's 3rd Cosmic Battle***, in which Mars appeared to vanquish Venus. The latter, which had been the major threat to Earth every 52 years for at least 710 years (1464-754 BC), was propelled into its current orbit around the sun, and Mars replaced Venus as the primary threat to Earth, with its and Earth's orbits intersecting every 15 years for the next 89 years (754-665 BC). The Bible records that something in the days of Azariah=Uzziah caused a great "commotion" - undoubtedly the tremendous earthquake that struck the entire Middle East at this time,²⁵ which could have been a result of ***Homer's 3rd Cosmic Battle***. Henceforth, time was counted from the *Commotion in the days of Uzziah*.²⁶ Non-biblical sources indicate the following: (1) In Italy, a thunderbolt (titanic electric discharge) between Earth and either Venus or Mars struck Volsinium (Bolsena) in Italy. The thunderbolt destroyed Volsinium and devastated the surrounding region, which included a near city (now Rome), which

²⁵ Schaeffer, Claude F.A., *Stratigraphie Comparee et Chronologie de l'Asie Occidentale*, Oxford University Press, London, 1948.

²⁶ Amos 1:1, Zechariah 14:5.

was occupied by the Trojan prince Aeneas and his band c.792-789 BC and inhabited by their descendents²⁷ in 754 BC. The damage to the city rendered it vulnerable to an invading force led by Romulus and Remus from Alba Longa, twelve miles away. (2) In Babylon, 754 BC fell just before the reign of Nabonassar (748-734 BC), who introduced a new and more accurate calendar into the Middle East that marked the beginning of the “Era of Nabonassar.”

- **Geology** - This period coincided with a continuation of the *Post Iowan Ice Retreat*. At its end, the **Azariah Disturbance** had little effect on the continuation of the *Post Iowan Ice Retreat*, which extended into the next period.

This disturbance was followed by

1C-3 – Ancients’ Iron Age (754-665 BC)

This period, which is the equivalent of Early Archaic Period of the archaeologists and roughly the Late Pleistocene Age of the geologists, (a) began with the **Azariah Disturbance** (the *Commotion in the Days of Uzziah*) & **Homer’s 3rd Cosmic Battle**, (b) lasted 89 years (754-665 BC), and (c) ended with the **2nd Hezekiah Disturbance** (*Mars Contact #3*). During it, the orbits of the earth and Mars intersected every 14-15 years. It was divided into three minor periods: 1C-3A - the Ancients’ 1st Iron Period = Ice Age 5 continued, 1C-3B - the Ancients’ 2nd Iron Period = Ice Age 6, and 1C-C3 - the Ancients’ 3rd Iron Period = Ice Age 7.

1C-3A - Ancients’ 1st Iron Period = Ice Age 5d (754-695 BC)

This period (a) began with the **Azariah Disturbance**, which may have caused some ice age symptoms, (b) lasted 59 years (754-695 BC), and (c) ended with the **Ahaz Disturbance** (*Mars Contact #1*). During it, Mars returned in 739 BC, 724 BC, and 710 BC, but there is no biblical record of cataclysms on these dates.

In 739 BC, the **2nd Azariah Threat** occurred, when the orbits of Earth and Mars nearly intersected.

In 724 BC, the **1st Jotham Threat** occurred, when the orbits of Earth and Mars nearly intersected.

In 710 BC, the **2nd Jotham Threat** occurred, when the orbits of Earth and Mars nearly intersected.

In 695 BC, this period was terminated by the **Ahaz Disturbance**, when the orbits of Earth and Mars intersected.

- **General** – This disturbance occurred in Ahaz’s regnal year 15/16. On the day on which Ahaz died, the day was shortened by ten degrees on the sundial.

²⁷ Aeneas and some of his cohorts may still have been alive at the time. If they were, most of them would probably have been in their sixties.

- **Geology** - This disturbance caused tremendous volcanic activity, which enveloped the earth in a dense cloud layer that prevented normal insolation for years. The lack of warming sunlight precipitated the *Tazewell Ice Advance* (the start of Ice Age 6) followed by the *Post-Tazewell Ice Retreat*, both of which fell in the next period.

This period was followed by

1C-3B - Ancients' 2nd Iron Period = Ice Age 6 - (695-680 BC)

This period (a) began with the ***Ahaz Disturbance*** (*Mars Contact #1*), (b) lasted 15 years (695-680 BC), and (c) ended with the ***1st Hezekiah Disturbance*** (*Mars Contact #2*).

In 680 BC, this period was terminated by the ***1st Hezekiah Disturbance***, when the orbits of Earth and Mars intersected.

- **General** – This disturbance occurred in Hezekiah's regnal year 14. The day was lengthened by ten degrees on the sundial, thereby correcting the previous displacement.
- **Geology** - This disturbance caused tremendous volcanic activity, which enveloped the earth in a dense cloud layer that prevented normal insolation for years. The lack of warming sunlight precipitated the *Carey Ice Advance* (the start of Ice Age 7) followed by the *Post-Carey Ice Retreat*.

This period was followed by

1C-3C - Ancients' 3rd Iron Period = Ice Age 7 (680-665 BC)

This period (a) began with the ***1st Hezekiah Disturbance*** (*Mars Contact #2*), (b) lasted 15 years (680-665 BC), and (c) ended with the ***2nd Hezekiah Disturbance*** (*Mars Contact #3*).

In 665 BC, this period was terminated by the ***2nd Hezekiah Disturbance***, when the orbits of Earth and Mars intersected.

- **General** – This disturbance occurred in Hezekiah's regnal year 29. A thunderbolt emanating from Mars destroyed the Army of Sennacherib during the night.
- **Geology** – This disturbance caused tremendous volcanic activity, which enveloped the earth in a dense cloud layer that prevented normal insolation for years. The lack of warming sunlight precipitated the *Manketo Ice Advance* (the start of Ice Age 8) followed by the *Post-Manketo or Boreal Ice Retreat*, all of which extended into the next period.

This period was followed by the **HISTORIC PERIOD** (665 BC-Present).