

THE GEOLOGIC STRATA - AN HYPOTHESIS

The geologic column was developed by geologists who were committed to the theory that the earth is millions (later hundreds of millions and still later billions) of years old. Consequently, they believed that the geologic strata were laid down over long periods of time, and they associated them with time periods and gave them names like eon, era, period, epoch, and age. I believe, however, that the Biblical record is accurate, that the earth is 6,000 years old, and that the geologic strata were laid down in relatively brief periods of time by cataclysms that divided those 6,000 years into eras and sub-eras, depending on the severity of the cataclysms involved. Thus, I associate the geologic strata with events, not with the time periods between the events.

Suggesting that the age of Universe needs to be reduced from 20 billion years to 6,000 years may raise some questions about my sanity, but I do so nonetheless. First of all, I believe that the Word of God is trustworthy. Second, there are already serious questions about the dating methodologies by which cosmologists and geologists base their estimates of age, and I expect that we are about to see precipitous drops in their figures.

1 - THE PREHISTORIC PERIOD (3977-665 BC)

1A - THE EARLY PREHISTORIC ERA (2977-2321 BC)

1A-0 - Creation Week (3977 BC).

It was a unique, one-time, never-to-be-repeated event. It lasted seven, normal, 24-hour days.

- **Day 1- God created Universe** - Not part of the geologic record. The creation of Universe occurred in four steps¹:
 - First, God created the **primordial realm**, which the Ancients called *materia prima*. It was a world of something, but the something was undifferentiated- i.e. without forms or substances.

¹ My acceptance of the ontological orders of the ancients owes much to three books by Wolfgang Smith: Cosmos & Transcendence- Breaking Through the Barrier of Scientific Belief, Sophia Perennis, San Rafael CA, 2008; Quantum Enigma- Finding the Hidden Key, The (1995), Sophia Perennis, Hillsdale NY, 2005; and Wisdom of Ancient Cosmology- Contemporary Science if the Light of Tradition, The, Foundation for Traditional Studies, Oakton VA, 2003. See “E1-3D06 - Table 6A - Smith’s Ontological Orders.”

- Second, God created the **possible realm**, which the ancients called *materia secunda*. It was a world of potential or generic forms and substances in which a geometer can form spheres, polyhedrons, etc. - the three dimensional equivalent of a two dimensional plane on which a geometer can inscribe points, lines, circles, polygons, etc. It is the result of God's bestowal or impression of structure on the primordial realm. Characteristics of this structure would be the fundamental or theoretically un-derivable principles of Universe which physicists often call "laws"- e.g. the 1st Law of Thermodynamics.
- Third, God created the **probable realm**, which current scientists call *the quantum world* and I call *materia tertium*. It is a world of probable forms and substances. It is a half-way house between the possible realm and the actual realm. It cannot be perceived directly by a creature's unaided senses but can only be apprehended through the media of the scientists' models and measurements.
- Fourth, God created the **actual realm**, which we call the real world and I call *material quarto*. It is a world of unique forms and substances. It can be perceived by a creature's unaided senses (although the process by which this perception occurs is a mystery). Initially it was a vast globe of water, which was probably the result of the Holy Spirit infusing the *materia tertium* with energy, which produced heat and light on one side of the globe.

Thus, at the end of Day 1, Universe consisted of a sphere with two parts:

- **Matter** - a giant globe of water, illuminated on one side, at Universe's center and
 - **Space** - a spherical shell of unknown composition and thickness, above and surrounding the matter (see *the second heaven* immediately below for more information).
- **Day 2 - God divided the matter into three spatial segments**²- Not part of the geologic record.
 - A small **globe of water** at the center of Universe, which is identified as "the waters which were under the firmament." It would provide the material for Earth.

² My understanding of the spatial orders of Universe owes much to many books, but particularly Starlight and Time, Master Books, Colorado Springs CO, 1994, by D. Russell Humphreys. See "E1-3D06- Table 06B- Humphreys' Spatial Orders."

- An intermediate spherical shell of unknown composition and thickness, above and surrounding the globe of water. It is identified as “the **firmament**,” “heaven,” and “the expanse.”³ Some commentators identify the expanse as Earth’s atmosphere. If one calls Earth’s atmosphere “heaven,” however, what does one call interstellar space, where reside the sun, moon, and stars? Moreover, verses 14 and 16 make clear that the sun, moon, and stars lie in the firmament. “And God said, let there be lights in the firmament of the heaven... And God made two great lights; the greater light to rule the day, and the lesser light to rule the night: he made the stars also.” Thus, firmament would provide the material for interstellar space.
- An outer spherical shell of water of unknown thickness,⁴ above and surrounding the firmament. It is identified as “the waters which were above the firmament.” I call it the **upper waters**. It defines the outer edge of the visible cosmos. It has not been detected; rather its existence is inferred from the biblical account (Genesis 1:7).

Thus, at the end of Day 2, Universe consisted of four parts:

- A small globe of water, a **watery earth**, at Universe’s center.
 - An intermediate spherical shell of unknown composition, **the firmament**, above and surrounding the globe of water.
 - An outer spherical shell of water, the **upper waters**, above and surrounding the firmament.
 - A spherical shell of unknown composition and thickness, the **second heaven** (referenced above), above and surrounding the upper waters. Its outer edge is the border of Universe. It has not been detected; rather its existence is inferred from Humphrey's cosmological theory.⁵
- **Day 3 - God transformed the small globe of water into the earth**, which consists of three main segments:

³ “Firmament” in the King James Version (KJV), the Revised Standard Version, and the American Standard Version (ASV); “expanse” in the New International Version (NIV), the New American Standard Bible (NASB), and Young’s Literal Translation; “space” in the New Living Translation.

⁴ “Praise him, ye heavens of heavens, and ye waters that be above the heaven” (KJV Psalm 148:4).

“Praise him, ye heavens of heavens, and ye waters that be above the heaven” (KJV Psalm 148:4).

⁵ Outside Universe is the Third Heaven. Its content and extent are unknown. It has not been detected; rather its existence is established by the biblical account (2 Colossians 12:2).

- The **land** - a solid globe of minerals at its center, which consisted of three sub-parts:
 - ◆ The **core**, which consists of iron & nickel. Its radius is 2,142 miles.
 - ◆ The **mantle**, which consists of spherical shell of silicates above and surrounding the core. It is 1,789-1,810 miles thick.
 - ◆ The **lithosphere**, which initially consisted of a spherical shell of rocks above and surrounding the mantle (moving upward, these rocks consist of the HADEAN, ARCHEAN, and first two layers of the PROTEROZOIC STRATA - i.e. the PALEO-PROTEROZOIC & MESO-PROTEROZOIC STRATA⁶). After God elevated a portion of it above sea level, it would become 63 miles thick, which includes the crust (4-25 miles thick) and the top portion of the upper mantle.
- The **sea or hydrosphere** - It initially consisted of a spherical shell of water above and surrounding the lithosphere. After God elevated a portion of the lithosphere above sea level, it became 0-6.8 miles deep.
- The **air or atmosphere**, - It consists of a spherical shell of gases (78% nitrogen, 21% oxygen, 0.09% argon, 0.03% carbon dioxide, and traces of several others) above and surrounding the globe. Its inner edge borders on the globe's surface; its outer edge, on the 1st heaven. It extends approximately 6,200 miles above the earth's surface. It is divided into five main layers by temperature: the troposphere (0-7 miles), the stratosphere (7-31 miles), the mesosphere (31-50 miles), the thermosphere (50-440 miles), and the exosphere (440-6,200 miles).
- ***Day 4 - God transformed the firmament*** into interstellar space, *the first heaven*. Its content by mass is primarily electromagnetic plasma (est. 96%) and secondarily *astronomical bodies* (est. 4%), such as stars, planets, moons, asteroids, and comets which occur within *astronomical objects* such as galaxies, nebulae, star clusters, and planetary systems - starting with the earth's sun and moon. Its extent is unknown.

⁶ These strata are associated with the Hadean Eon, Archean Eon, and 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 global flood in 2321 BC, which followed 1656 years after creation in 3977 BC, erased most of what had existed during prior to it, and the global cataclysm at the time of the Exodus in 1464 BC, which followed 857 years after the flood, further confused the geologic record.

God refers to the astronomical bodies and objects as *lights*, and he explains that he intends the sun to rule the day, the moon to rule the night, and the other lights in the firmament to mark (a) the signs and (b) the years, seasons, and days.

- **Day 5 - God created the fish and the fowl-** first the fish to populate the sea and then the fowl to populate the air. They are not part of the geologic record, however, because disorder, decay, disease, and death had not yet entered Universe.
- **Day 6 - God created the animals and humans-** first the beasts, insects, etc. to populate the land and then humans to populate and subdue (cultivate) the entire earth and to exercise dominion over all other living creatures. In other words, God made humans to be the stewards of the earth. They are not part of the geologic record, however, because disorder, decay, disease, and death had not yet entered Universe.
- **Day 7- God rested** from his creative work. It was followed by

1A-1 - The Ancients' Primordial Age (3977)

It was the equivalent of the Bible's Edenic Age. Decay, disease, and death had not yet entered Universe. It lasted less than a year and was ended by

The ***Adam Disturbance*** (3977 BC) - It was a universal cataclysm, which was caused by God's Curse on Creation- In the year of Adam's creation, at the time of the Fall, God changed the fabric of Universe, after which all things became subject to disorder and decay and plant and animal life became subject to disease and death (all effects that are captured in the 2nd Law of Thermodynamics). It probably laid down the NEO-PROTEROZOIC STRATA,⁷ which contains the remains of plant and animal life.⁸ It was followed by

1A-2 - The Ancient's Golden Age (3977-2321 BC)

It was the equivalent of the Bible's Antediluvian Age. It lasted almost 1656 years (3977-2321 BC) and was ended by

⁷ These strata are associated with the third and final phase of the Proterozoic Eon in the orthodox geologic column.

⁸ 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.

The **Noah Disturbance** (2321 BC) - It was a global cataclysm which is also called Noah's Flood - When Noah was 600 years old, torrential downpours from the sky and profuse up-gushing from subterranean reservoirs covered the land with water and drowned all men, animals, and birds with the exception of the passengers on the Ark. It probably deposited the strata of the geologists' PALEOZOIC ERA.⁹ Earth was covered by water from two sources: the precipitation of a vapor canopy above and the up-gushing of geysers from below. Rising water trapped life in the following order: (1) In the strata of the CAMBRIAN AND ORDOVICIAN PERIODS, 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 strata of the SILURIAN PERIOD, free-swimming fish living near shorelines were over-whelmed by eroding material and rising waters. (3) In the strata of the DEVONIAN PERIOD, large, free-swimming fish and shoreline plants were overwhelmed by eroding material and rising waters. (4) In the strata of the CARBONIFEROUS/ MISSISSIPPIAN AND CARBONIFEROUS/ PENNSYLVANIAN PERIODS, land plants were overwhelmed by eroding material and rising waters. (5) In the strata of the PERMIAN PERIOD, amphibians were overwhelmed by eroding material and rising waters. All other species fled to high ground, but were eventually drowned, leaving no traces.¹⁰ It was followed by

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

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

It was the equivalent of the Bible's Early Postdiluvian Age. It is divided into three segments: 1B-1A - The Ancients' 1st Silver Period (2321-2221 BC), 1B-1B - The Ancients' 2nd Silver Period (2221-2070 BC), and the Ancients' 3rd Silver Period (2070-1870 BC), the first period of which is divided into three segments:

- **1B-1A - The Ancients' 1st Silver Period (2321-2221 BC)**, which I call the Initial Settlement and Migrations. The drier, warmer climate favored "primitive" plants and reptiles and suppressed more efficient "modern" plants and mammals. It was ended by

The **Peleg Disturbance** (2221 BC) - It was a global cataclysm which caused the *Division of the Land*- When Peleg was in his mother's womb, a tectonic upheaval broke up the single land mass into the continents and major islands that exist today. The disturbance probably deposited most of the strata of the geologists' EARLY TRIASSIC EPOCH.¹¹ It was followed by

⁹ These strata are associated with the first phase of the Phanerozoic Eon in the orthodox geologic column.

¹⁰ See Setterfield, Barry, Geologic Time and Scriptural Chronology, Barry Setterfield, Blackwood Australia, 1987.

¹¹ These strata are associated with the first phase of the Triassic Period, which is the first phase of the

- **1B-1B - The Ancients' 2nd Silver Period (2221-2070 BC)**, which I call the Rise of the Old Babylon or Akkadian Empire. It was ended by

The ***Terah Disturbance*** (2070 BC)¹²- It was a global cataclysm which caused the *Confusion of Language* and the *Destruction of the Tower of Babel*- A blast from heaven confounded the Babylonians' ability to speak in a common language, destroyed the tower of Babylon, and probably devastated much of the surrounding region. It is remembered by people in other areas of Earth. The disturbance probably laid down the strata of the geologists' MIDDLE AND LATE TRIASSIC EPOCHS.¹³ It was followed by

- **1B-1C - The Ancients' 3rd Silver Period (2070-1870 BC)**, which I call the Rise of Civilizations - It was ended by

The ***Abraham Disturbance*** (1870 BC) - It was a global cataclysm, which caused the Destruction of Sodom and Gomorrah. When Abraham was 99 years old, a thunderbolt or volcanic explosion destroyed Sodom and Gomorrah, eliminated the Vale of Siddim, and caused the African Rift or its greater expansion. The disturbance probably laid down the strata of the geologists' JURASSIC PERIOD.¹⁴ It was followed by

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

It was the equivalent of the Bible's Late Postdiluvian Age and the archaeologists' Early Bronze Age. It is divided into two segments: (1B-2A - The Ancients' 1st Bronze Period (1870-1667 BC) and 1B-2b - The Ancients' 2nd Bronze Period (1667-1464 BC).

- **1B-2A - The Ancients' 1st Bronze Period (1870-1667 BC)**, which I call the Pre-Job Time. It is the equivalent of the archaeologists' Early Bronze Age 1A. It was ended by

Mesozoic Era, which is the second phase of the Phanerozoic Eon in the orthodox geologic column.

¹² 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.

¹³ 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.

¹⁴ 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..

The ***Job Disturbance*** (1667 BC) - It was a cataclysm which caused Job's First Trial - Job's children died amidst raining fire, wind, and earthquakes. The disturbance probably laid down the strata of the geologists' EARLY CRETACEOUS EPOCH.¹⁵ It was followed by

- ***1B-2B - The Ancients' 2nd Bronze Period (1667-1464 BC)***, which I call the Post-Job Time. It is the equivalent of the archaeologists' Early Bronze Age 1B. It was ended by

The ***Moses Disturbance*** (1464 BC) = Venus Contact #1. It was a global cataclysm that terminated the Middle Kingdom of Egypt. When Moses was 80 years old, the comet Venus approached the earth after its perihelion, causing a prolonged catastrophe that can be divided into two segments:

- The Ten Plagues of Egypt = Venus Contact 1A. The comet's 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 which are described in both the Bible and the Papyrus Ipuwer. The comet's tail probably deposited the strata of the geologists' LATE CRETACEOUS EPOCH.
- The Exodus from Egypt = Venus Contact 1B. The disturbance culminated in a contact between the space charge sheaths of the two bodies (Earth and Venus), which remained intertwined for approximately six weeks. The disturbance enabled the Exodus of the Jews from Egypt, created a whirlwind or tornado which appeared as a Pillar of Cloud by day and a Pillar of Fire by night and accompanied the Jews on their journey down the southeast coast of the Sinai Peninsula, parted the Red Sea at the Strait of Tiran, enabling the Jews to cross from the Sinai Peninsula to Midian, and then reunited the waters, thereby drowning the last pharaoh of the 13th Dynasty and his army. The comet's contact with Earth probably deposited the strata of the geologists' PALEOGENE AND NEOGENE PERIODS. It was followed by

1C - THE LATE PREHISTORIC ERA (1664-665-2BC)

The Late Prehistoric Era last 799 years (1464-665 BC) = the Turbulent Era = the equivalent of the geologists' PLEISTOCENE EPOCH, which is better known as the ICE AGES. During it, Earth experienced a series of catastrophes that caused unrelenting havoc and turmoil for its inhabitants. Each catastrophe caused tremendous volcanic activity that enveloped the earth in dense cloud layers that prevented normal insolation for years. Thus, each catastrophe created a cycle consisting of (a) an ice advance due to a

¹⁵ 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.

precipitous drop in temperature from the lack of sunlight and then (b) an ice retreat due to a gradual rise in temperature from the increasing presence of sunlight.as the ash settled out of the atmosphere.

The Era is divided into three segments: 1C-1 - The Ancients' Missing Age (1464-1008 BC), 1C-2 - The Ancient's Heroic Age (1008-754 BC), and 1C-3 - The Ancients' Iron Age (754-665 BC).

1C-1 - The Ancients' Missing Age (1464-1008 BC)

The Ancients' Missing Age is equivalent to the Early Turbulent Age (JH) or the Reign of Venus (JH), the geologists' Early Pleistocene Age (JH), and the archaeologists' Middle Bronze Age. It lasted 456 years (1464-1008 BC) and is divided into four segments: 1C-1A - Ancients' 1st Missing Period, 1C-1B - the Ancients' 2nd Missing Period, the Ancients' 3rd Missing Period, and 1C-1D - the Ancients 4th Missing Period.

- **1C-1A - The Ancients' 1st Missing Period (1464-1413 BC)** = Ice Age 1. It was the result of the previous disturbance described above. As the volcanic ash slowly precipitated out of the atmosphere and insolation increased, the 1ST NEBRASKAN = GUNZ ICE ADVANCE gave way to the 1ST AFTONIAN ICE RETREAT. It was ended by

The ***Joshua Disturbance*** (1453 BC) = Venus Contact #2 - It was a global cataclysm that occurred during the battle between the Israelites and the Amorites at Beth Horon- Meteorites fell on the battlefield. Earth's axis undoubtedly shifted, causing the Sun to stand still in the sky and thereby prolonging the day in the Middle East and the night in the Americas. It was followed by

- **1C-1B - The Ancients' 2nd Missing Period (1413-1261 BC)** = Ice Age 2. It was the result of the previous disturbance described above. As the volcanic ash slowly precipitated out of the atmosphere and insolation increased, the 2nd NEBRASKAN = GUNZ ICE ADVANCE gave way to the 2nd AFTONIAN ICE RETREAT. During this period, the comet passed closely by the earth c. 1363 and c. 1312 BC, but there is no record of encounters on these dates. It was ended by

The ***Deborah Disturbance*** (1261 BC) = Venus Contact #3. It was a global cataclysm in which the stars fought, and flooding rains discomfited Sisera's army. This cosmic encounter 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 KANSAN = MINDEL ICE ADVANCE. It was followed by

- **1C-1C - The Ancients 3rd Missing Period (1261-1058 BC)** = Ice Age 3. It was the result of the previous disturbance described above. As the volcanic ash

precipitated out of the atmosphere and insolation increased, the KANSAN = MINDEL ICE ADVANCE gave way to the YARMOUTH ICE RETREAT. During this period, the comet passed closely by the earth c. 1210, c. 1160 BC, and c. 1109 BC, but there is no record of encounters on these dates. It was ended by

The ***Samuel Disturbance*** (1058 BC) = Venus Contact #4. It was a cataclysm in which meteorites fell on the Philistines, accompanied by a great thundering in the sky. This cosmic encounter 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 ILLINOSIAN = RISS ICE ADVANCE. It was followed by

- ***1C-1D - The Ancients' 4th Missing Period (1058-1008 BC)*** = Ice Age 4. It was the result of the previous disturbance described above. As the volcanic ash precipitated out of the atmosphere and insolation increased, the ILLINOSIAN = RISS ICE ADVANCE gave way to the SANGAMON ICE RETREAT. It was ended by

The ***David Disturbance*** (1008 BC) = Venus Contact #5 - It was a cataclysm in which an “angel”¹⁶ nearly destroyed Jerusalem. The cosmic encounter 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. It was followed by

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

The Ancients' Heroic Age is equivalent to the Middle Turbulent Age (JH) or War in the Sky (JH), the geologists' Middle Pleistocene Age (JH), and the archaeologists' Mycenaean or Late Helladic III period. It is divided into three segments: 1C-2A - the 1st Heroic Period, 1C-2B - the 2nd Heroic Period, and 1C-2C - the 3rd Heroic Period.

- ***1C-2A - the Ancients' 1st Heroic Period (1008-957 BC)*** = Ice Age 5. It was the result of the previous disturbance described above and equivalent to the archaeologists' Late Helladic IIIa. As the volcanic ash precipitated out of the atmosphere and insolation increased, the IOWAN ICE ADVANCE gave way to the POST-IOWAN ICE RETREAT that lasted throughout this phase and into the next. It was ended by

Homer's 1st Cosmic Battle = the ***Solomon Disturbance*** (957 BC) = Venus Contact #6 & Mars Contact #1 - In Solomon 24, the comet returned to the vicinity of Earth and produced a battle in the sky involving it, Mars, and the moon. If this event affected the earth, its consequences were minor. It was followed by

¹⁶ In this context, I am certain that comet or planet is meant.

- **1C-2B - the Ancients' 2nd Heroic Period (957-855 BC)** = Ice Age 5 continued. It was the result of the previous disturbance described above and equivalent to the archaeologists' Late Helladic IIIb. As the volcanic ash continued to precipitate out of the atmosphere and insolation increased, the POST-IOWAN ICE RETREAT continued. During this phase, the comet returned in 906 BC, but did not cause a disturbance. This period was ended by

Homer's 2nd Cosmic Battle = the *Jehoram Disturbance* (855 BC) = Venus Contact #7 and Mars Contact #2 - In Jehoram 7 and Akhnaton 6, the comet returned again to the vicinity of earth and produced a battle in the sky involving it, Mars, and the moon. Although the Bible does not record any ill effects associated with it, it was probably the cause of the plague or other affliction that struck Egypt and caused the oracles to maintain that an unacknowledged and un-atoned for patricide existed in the land. It was followed by

- **1C-2C - the Ancients' 3rd Heroic Period (855-754 BC)** = Ice Age 5 continued. It was the result of the previous disturbance described above and equivalent to the archaeologists' Late Helladic IIIc. As the volcanic ash continued to precipitate out of the atmosphere and insolation increased, the POST-IOWAN ICE RETREAT continued. During this phase, the comet returned in 805/804 BC, but did not cause a disturbance. This period was ended by

Homer's 3rd Cosmic Battle = the *Azariah Disturbance* (754 BC) = Venus Contact #8 and Mars Contact #3 - In Azariah (Uzziah) 24, the comet returned again to the vicinity of earth and produced a battle in the sky involving it, Mars, and the moon that propelled it (Venus) into its current orbit (the ancients believed that Mars had vanquished Venus). The disturbance was also known as the *Commotion in the Days of Uzziah*. It probably included a titanic earthquake that affected the entire Middle East and a blast from heaven (a celestial thunderbolt, not a terrestrial lightning bolt) that struck in Italy near Volsinium. It was followed by

1C-3 - The Ancients' Iron Age (754-665 BC)

Thee Ancients' Iron Age is equivalent to the Late Turbulent Age (JH) or the Reign of Mars (JH), the geologists' Late Pleistocene Age (JH), and the archaeologists' the Early Archaic Period. It is divided into three periods: 1C-3A - the Ancients' 1st Iron Period, 1C-3B - the Ancient's 2nd Iron Period, and 1C-3c - the Ancients' 3rd Iron Period.

- **1C-3A - the Ancients' 1st Iron Period (754-695 BC)** = Ice Age 5 continued. It was the result of the previous disturbance described above. As the volcanic ash continued to precipitate out of the atmosphere and insolation increased, the POST-IOWAN ICE RETREAT continued. Also during this period, Mars passed close by the earth c. 740,

c. 724, and c. 709 BC, but there is no record of disturbances on these dates. It was ended by

The **Ahaz Disturbance** (695 BC) = Mars Contact #4. It was a global cataclysm in Ahaz's regnal year 15/16, the day on which Ahaz died, when the day was shortened by ten degrees on the sundial. This cosmic encounter 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. It was followed by

- **1C-3B - the Ancients' 2nd Iron Period (695-680 BC)** = Ice Age 6. It was the result of the previous disturbance described above. As the volcanic ash precipitated out of the atmosphere and insolation increased, the TAZEWELL ICE ADVANCE gave way to the POST-TAZEWELL ICE RETREAT. It was ended by

The **1st Hezekiah Disturbance** (680 BC) = Mars Contact #5. It was a global cataclysm in Hezekiah's regnal year 14, when the day was lengthened by ten degrees on the sundial, thereby correcting the previous displacement. This cosmic encounter 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. It was followed by

- **1C-3C - the Ancients' 3rd Iron Period (680-665 BC)** = Ice Age 7. It was the result of the previous disturbance described above. As the volcanic ash precipitated out of the atmosphere and insolation increased, the CAREY ICE ADVANCE gave way to the POST-CAREY ICE RETREAT. It was ended by

The **2nd Hezekiah Disturbance** (665 BC) = Mars Contact #6. It was a global cataclysm in Hezekiah's regnal year 29, when a thunderbolt emanating from Mars destroyed the Army of Sennacherib during the night. It was the last catastrophe and marks the end of the Prehistoric Period. Its effects - i.e. Ice Age 8 - extended into the Historic Period and are described below.

2 - THE HISTORIC PERIOD (665 BC-PRESENT)

Although the Historic Period here roughly coincides with the historians Historic Period, I divide it up slightly differently than they do. First, I divide it into three main segments, just like I did the Prehistoric Period: 2A - the Early Historic Era (665-2 BC), 2B - the Middle Historic Era (2 BC-1453 AD), and 2C - the Late Historic Era (1453 AD to Present). Second, treat the history of these eras as five non-temporal segments: Part 1 - the Occident, Part 2 - the Middle East, Part 3 - the Sacred, and Part 4 - Geology.

2A - THE EARLY HISTORIC ERA (665-2BC)

The Early Historic Era the equivalent of the historians' Early Antiquity, which I divide into five non-temporal parts: Part 2A-1–The Occident, Part 2A-2 - The Middle East,¹⁷ Part 2A-3 - The Orient, Part 2A-4 –The Sacred,¹⁸ and 2A-5 - Geology, which is described below.

Part 2A-5 - Geology in the Early Historic Period

This part is divided into two ages:

- **2A-5A - The Pleistocene Epoch's Ice Age 8 (665-c.625 BC)** - It was the result of the previous disturbance described above. As the volcanic ash precipitated out of the atmosphere and insolation increased, the MANKETO ICE ADVANCE gave way to the BOREAL ICE retreat. It ended c. 625 BC, when temperatures returned to normal.
- **2A-5B - The Holocene Epoch's Atlantic Age (c.625-2 BC)** - Since the end of the last ice age, temperatures have fluctuated within reasonable limits, creating occasional mini-ice ages and mini-temperate periods, but never so severe as to necessitate additional geologic phases.

¹⁷ Part 2A-2 - The Middle East is divided into four ages following Daniel's description of this time: 2A-2A - The Neo-Babylonian Age = the Late Archaic Period (665-487 BC), 2A2B - The Persian Age or the Classical Period (487-330 BC), 2A-2C - the Macedonian Age = the Hellenistic Period, (330-146 BC) and 2A-2D - the Roman Period BC (146-2 BC).

¹⁸ Part 2A-4 - The Sacred is divided into three segments: 2A-4A - the Final Years of the Kingdom of Judah (665-555 BC), 2A-4B - The Exile in Babylon (555-485 BC), and 2A-4C - Daniels 69 Weeks of Years (485-2 BC).