

THE GEOLOGIC COLUMN REVERSED ©

(chronological sequence rather than spatial sequence)

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PREAMBLE

Geologists usually presume that the sedimentary strata which they observe at the surface of the lithosphere were deposited at current rates of sedimentation, which are very slow. Thus they identify each layer with a time period of thousands and even millions of years, which of course leads them to assign billions of years to the age of the earth. I regard the resulting time-frame as a fairy tale. Elsewhere, I describe how and why I regard the Bible as completely reliable. It indicates that God created Universe roughly 6,000 years ago and that the first three and a half millennia were punctuated by disturbances which divided those millennia into ages and sub-ages. Clearly, the geologic strata did not represent ages and eons, but the accumulation of material in a matter of days, weeks, or months and, in the case of the Flood, roughly a year.

I spent years studying Bible chronology before attempting to synchronize the geologic information with it. The chronology that I developed can be summarize as follows:

OUTLINE OF HISTORY

PREHISTORIC PERIOD (3977-665 BC).

Early Prehistoric Era (3977-2321 BC).

Creation Week ended w/ **God's Day of Rest** in 3977 BC.

Ancients' Primordial Age ended w/ **Adam Disturbance** in 3977 BC.

Ancients' Golden Age ended w/ **NOAH DISTURBANCE** in 2321 BC.

Middle Prehistoric Era (2321-1464 BC).

Ancients' Silver Age ended w/ **Abraham Disturbance** in 1870 BC.

Ancients' Bronze Age ended w/ **MOSES DISTURBANCE** in 1464 BC.

Late Prehistoric Era (1464-665 BC).

Ancients' Missing Age ended w/ **David Disturbance** in 1008 BC.

Ancients' Heroic Age ended w/ **Azariah Disturbance** in 754 BC.

Ancients' Iron Age ended w/ **2ND HEZEKIAH DISTURBANCE** in 665 BC.

HISTORIC PERIOD (665- BC-PRESENT).

Early Historic Era (665-2 BC).

Occident in Early Historic Era

Middle East in Early Historic Era

Neo-Babylonian Age ended w/ **Fall of Babylon** to Persians in 487 BC.

Persian Age ended w/ **Defeat of Darius III** by Macedonians in 330 BC.

Macedonian Age ended w/ **Defeat of Macedonians** by Romans in 146 BC.

Roman Age BC ended w/ **BIRTH OF MESSIAH** in 2 BC.

Orient in Early Historic Era

Geology in Early Historic Era

Middle Historic Era (2 BC-1453 AD)

Occident in Middle Historic Era

Roman Age AD ended w/ **Fall of Rome** to Germans in 476 AD.

Byzantine Age ended w/ **Fall of Constantinople** to Ottomans in 1453 AD.

Middle East in Middle Historic Era

Orient in Middle Historic Era

Sacred in Middle Historic Era

Messiah's Life ended w/ **Scourging, Crucifixion, Death, Burial, Resurrection, & Ascension** in 33 AD.

Bride of Messiah's Childhood ended w/ **Fall of Jerusalem** to Romans in 70 AD

Bride of Messiah's Betrothal will end w/ **MESSIAH'S 2ND ADVENT** in unknown year.
Geology in Middle Historic Era
Late Historic Era (1453 AD-Unknown year)
Occident in Late Historic Era
Exploratory Age ended w/ **Advent of Mechanical Energy** in c.1750 AD.
Revolutionary Age ended w/ **World War I** in 1918 BC.
Globalist Age will end w/ **Unknown Event** in unknown year.
Middle East in Late Historic Era
Orient in Late Historic Era
Sacred in Late Historic Era
Bride of Messiah's Betrothal cont. will end w/ **MESSIAH'S 2ND ADVENT** in unknown year.
Geology in Late Historic Era

At the outset of my attempt to synchronize geology with Bible chronology, I soon noticed the following:

- The **EARLY PREHISTORIC ERA** (3977-2321 BC),
 - The Bible's **Creation Week**, which began with God speaking the material for Universe into existence (3977 BC), must have included (a) the *Hadean Eon*, (b) the *Archean Eon*, and (c) the *Proterozoic Eon's Paleoproterozoic Era* and *Mesoproterozoic Era*, because they all lack any remains of life.
 - The **Ancients' Primordial Age** = the Bible's Edenic Age, which ended with the **Adam Disturbance** (c.3977 BC), must have included the *Proterozoic Eon's Neoproterozoic Era*, because it contains the earliest remains of life.
 - The **Ancients' Golden Age** = the Bible's Antediluvian Age, which ended with the **Noah Disturbance** (2321 BC), must have included the *Phanerozoic Eon's entire Paleozoic Era*.
- The **MIDDLE PREHISTORIC ERA** (2321-1464 BC) = the Bible's Postdiluvian Era, which consists of (a) the **Ancients' Silver Age** and the **Ancients' Bronze Age** and (b) ended with the **Moses Disturbance** (1464 BC), must have coincided with the *Phanerozoic Eon's entire Mesozoic Era*; and
- The **LATE PREHISTORIC ERA** (1464-665 BC) = the Turbulent Era, which ended with the **2nd Hezekiah Disturbance** (665 BC), must have included the entire *Pleistocene Epoch*.

I spent far more time synchronizing geology with events within these major eras. I am sure that I made some mistakes, but I will rely on those who follow me to correct them.

Regarding the chart below, all geologic information appears in roman (or normal) type, and my arrangement of and comments on (a) the disturbances and (b) the time periods between the disturbances appear in italicized type. The disturbances appear in red type; the battles in the sky, in blue type; and the time periods between the disturbances, in green type.

1 - PREHISTORIC PERIOD (3977-665 BC)

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

1A-0 - Bible's Creation Week (3977 BC)

This week consisted of seven, 24-hour days, as is quite evident from (a) the repeated use of the phrase, "And the evening and the morning were the [number] day" (Genesis 1:5,8,13,19,23,31) for the first six days, (b) the thrice-repeated identification of the last day as the "seventh day" (Genesis 2:2,3), and their context in what would thereafter be a normal, 7-day week, 168-hour week. The foregoing does not leave any wiggle room for the commentators to transform these first seven days into eons of time and thereby welcome the evolutionary camel to stick his nose into the biblical tent.

Day 3 is the equivalent of the geologists' (a) *Hadean Eon*, (b) *Archean Eon*, and (c) the *Proterozoic Eon's Paleoproterozoic Era* and *Mesoproterozoic Era*. Their strata form the upper layers Earth's lithosphere.

Day 3 - God molds the Earth

(PRIMARY=CRYPTOZOIC=PRECAMBRIAN)

(Life absent)

1. HADEAN EON

- 1.1. CRYPTIC ERA**
- 1.2. BASIN GROUPS ERA**
- 1.3. NECTARIAN ERA**
- 1.4. EARLY IMBRIAN ERA**

2. ARCHEAN (ARCHEOZOIC) EON

(Igneous Rocks)

- 2.1. EOARCHEAN ERA**
- 2.2. PALEOARCHEAN ERA**
- 2.3. MESOARCHEAN ERA**
- 2.4. NEOARCHEAN ERA**

3. PROTEROZOIC EON¹

(Sedimentary Rocks)

- 3.1. PALEOPROTEROZOIC ERA**
 - 3.1.1. SIDERIAN PERIOD**
 - 3.1.2. RHYACIAN PERIOD**

¹ The Proterozoic Eon was originally divided into two eras that covered six general stages: (1) Folding & metamorphism, creating schist, (2) Peneplanation, leaving only roots of schist (3) Overspreading, (4) Disturbance, creating block-mountains, (5) Near peneplanation, and (6) Cambrian submergence.

3.1.3. OROSIRIAN PERIOD
3.1.4-STATHERIAN PERIOD
3.2-MESOPROTEROZOIC ERA
3.2.1. CANYMMIAN PERIOD
3.2.2. ECTASIAN PERIOD
3.2.3. STENIAN PERIOD

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

This era is the equivalent of (a) the Bible's Edenic Age and (b) the geologists' *Neoproterozoic Era*. It lasted a few weeks or months, during which the climate must have been tropical, because Adam and Eve were comfortable remaining naked.

***It ended with the Adam Disturbance (3977 BC)²
which probably deposited the strata in the geologists'***

3.3. NEOPROTEROZOIC ERA³
3.3.1. TONIAN PERIOD
3.3.2. CRYOGENIAN PERIOD
3.3.3. EDIACARIN PERIOD

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

This era is the equivalent of (a) the Bible's Antediluvian Age and (b) the geologists' *Phanerozoic Eon's Paleozoic Era*. It lasted almost 1656 years, during which the ground was watered by morning mist and dew rather than rain,⁴ which can be explained with a vapor canopy that (a) maintained a tropical climate and then (b) provided one of the sources of the water that deluged Earth in the Flood.

***It ended with the Noah Disturbance (2321 BC)⁵
which probably deposited the strata in the geologists'***
(SECONDARY)

² The *Adam Disturbance* - Two major things happened. First, Universe's fabric changed in some manner, after which "the whole of Creation groaneth and travaileth in pain together until now" (KJV Romans 8:8:22). Women became subject to severe pain in childbirth (KJV Genesis 3:16). The ground became resistant to mankind's efforts to till it (KJV Genesis 3:17-19a). All living organisms became subject to "the bondage of corruption" (disease, decay, and death) (KJV Genesis 2:17, 3:19b, & Romans 8:21). Although the last text speaks of "the creature," the reference to "the whole of creation" which follows indicates - to me at least - that all living organisms are meant). Second, Earth's topography changed - e.g. the biblical description of Eden cannot be matched to an existing area of land today.

³ If the Neoproterozoic strata did not accompany the Adam Disturbance, it probably belongs above in Creation Week.

⁴ Genesis 2:5-6.

⁵ The *Noah Disturbance* - When Noah was 600 years old, torrential downpours from the sky and profuse up-gushing from subterranean reservoirs deep in the earth covered the land with water and drowned all men, animals, and birds with the exception of the passengers on the Ark - an event which is commonly called "Noah's Flood."

(Life evident)

4. PHANEROZOIC EON

4.1. PALEOZOIC ERA

4.1.1. CAMBRIAN PERIOD (begins w/Cambrian submergence; invertebrates)

4.1.1.1. Early Cambrian=Waucoban Epoch - quartzite rocks, spar-tailed trilobite Olenellus

4.1.1.2. Middle Cambrian=Albertan Epoch - calcareous rocks: limestone, large-tailed trilobites Olenoides and Bathyriscus

4.1.1.3. Late Cambrian=Croixian Epoch - calcareous rocks: limestone and dolostone, trilobites Crepicephalus

4.1.2. ORDOVICIAN PERIOD (invertebrates)

4.1.2.1. Early Ordovician=Canadian Epoch (submergence/rise)

4.1.2.1.1. Tremadocian Age

4.1.2.1.2. Arenig Age

4.1.2.2. Middle Ordovician=Champlainian Epoch (submergence/rise)

4.1.2.2.1. xxx? Age

4.1.2.2.2. Darriwilian Age

4.1.2.3. Late Ordovician=Cincinnatian Epoch (submergence/rise) (ice-age)

4.1.2.3.1. xxx? Age

4.1.2.3.2. Himantian Age

4.1.X. CLIMAX OF TACONIAN DISTURBANCE

4.1.3. SILURIAN PERIOD (fishes)

4.1.3.1. Early Silurian=Medinan Epoch

4.1.3.2. Middle Silurian=Niagran Epoch

4.1.3.3. Late Silurian=Cayugan Epoch

4.1.X. LIMAX OF CALEDONIAN DISTURBANCE IN EUROPE

4.1.4. DEVONIAN=OLD RED PERIOD (fishes & plants)

4.1.4.1-Early Devonian Epoch (submergence)

4.1.4.1.1. Lochkovian Age

4.1.4.1.2. Pragian Age

4.1.4.1.3. Emsian Age

4.1.4.2-Middle Devonian Epoch (submergence/rise)

4.1.4.2.1. Eifelian Age

4.1.4.2.2. Givetian Age

4.1.4.3-Late Devonian Epoch (rise)

4.1.4.3.1. Frasnian Age

4.1.4.3.1. Famennian Age

4.1.X. CLIMAX OF ACADIAN DISTURBANCE

4.1.5. CARBONIFEROUS/MISSISSIPPIAN PERIOD (PLANTS)

4.1.5.1. Early Mississippian=Kinderhookian-Osagian Epoch (red limestone walls of Grand Canyon)

4.1.5.1.1. Tournaisian Age

4.1.5.2. Middle Mississippian=Meramacian Epoch

4.1.5.2.1. Visean Age

4.1.5.3. Late Mississippian=Chesterian Epoch

4.1.5.3.1. Serpukovian Age

- 4.1.6-CARBONIFEROUS/PENNSYLVANIAN PERIOD (COAL)**
 - 4.1.6.1-Early Pennsylvanian/Morrowan Epoch**
 - 4.1.6.2-Middle Pennsylvanian/Atokan Epoch**
 - 4.1.6.3. Late Pennsylvanian/Desmoinesian Epoch (submergence)**
 - 4.1.6.4. Missourian Epoch**
 - 4.1.6.5. Virginian Epoch**
- 4.1.7. PERMIAN PERIOD (amphibians)**
 - 4.1.7.1. Early Permian=Wolfcampion Epoch**
 - 4.1.7.2. Leonardian Epoch (ice age in southern hemisphere)**
 - 4.1.7.3. Guadalupian Epoch**
 - 4.1.7.4. Late Permian=Ochoan Epoch**
- 4.1.X. CLIMAX OF APPALACHIAN REVOLUTION**

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

This era is the equivalent of the Bible's Postdiluvian Era and the geologists' *Phanerozoic Eon's* entire *Mesozoic Era*. It lasted 857 years, during which the climate was undoubtedly temperate, because birds and reptiles of all sizes proliferated and mankind established agricultural civilizations in the fertile basins of Earth's great rivers such as the Ural, Tigris, Euphrates, Nile, Yellow, Yangtze, Mississippi, and Amazon.

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

This phase is the equivalent of (a) the Bible's Early Postdiluvian Age, (b) the geologists' *Triassic Period* and *Jurassic Period* in the *Mesozoic Era*, and (c) the archaeologists' Stone Age.

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

It ended with the Peleg Disturbance (2221 BC)⁶
which probably put down the strata in the geologists'

- 4.2-MESOZOIC ERA (reptiles dominant)**
 - 4.2.1. TRIASSIC=NEW RED PERIOD (naked seed plants dominant, reptiles)**
 - 4.2.1.1. Early Triassic Epoch**
 - 4.2.1.2. Middle Triassic Epoch (sometimes missing)**
 - 4.2.1.3. Late Triassic Epoch**

1B-1B - Ancients' 2nd Silver Period (2221-1870) (=The Rise of the Akkadian Empire)

⁶ The ***Peleg Disturbance*** - When Peleg was in his mother's womb, a tectonic upheaval broke up the earth's single land mass into the continents and major islands that exist today - an event which the Hebrews called "the Division of the Land."

It ended with the Terah Disturbance (2270 BC)⁷

which probably put down the geologists'

4.2.2. JURASSIC PERIOD (sometimes missing; no Jurassic rocks in eastern half of North America; dinosaurs dominant, birds, few mammals)

4.2.2.1. Early Jurassic Epoch

1B-1C - Ancients' 3rd Silver Period (2270-1870 BC)

(=The Rise of Civilizations)

It ended with the Abraham Disturbance (1870 BC)⁸

which probably put down the strata in the geologists'

4.2.2.2. Middle Jurassic Epoch

4.4.2.3. Late Jurassic Epoch (Morrison formation consists of shales, siltstones, and conglomerates; gigantic dinosaurs)

4.2.X. CLIMAX OF NEVADIAN DISTURBANCE

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

This phase is the equivalent of (a) the Bible's Late Postdiluvian Era, (b) the geologists' Cretaceous Period in the Mesozoic Era, and (c) the archaeologists' Early Bronze Age, which includes the Early Helladic and Early Minoan periods.

1B-2A - Ancients' 1st Bronze Period (1870-1667 BC)

(=The Bible's Pre-Job Time)

It ended with the Job Disturbance (1667 BC)⁹

which probably put down the strata in the geologists'

4.2.3-CRETACEOUS PERIOD (flowering plants, insects, reptiles)

4.2.3.1. Early Cretaceous Epoch

1B-2B - Ancients' 2nd Bronze Period (1667-1464 BC)

(=The Bible's Post-Job Time)

⁷ The ***Terah Disturbance*** - When Terah was 29 years old, a blast from heaven confounded the Babylonians' and perhaps all mankind's ability to speak in a common language, destroyed the tower of Babylon, and probably devastated much of the surrounding region. There is some chance that the Comet Venus was born at this time from an eruption on Jupiter that was accompanied by a thunderbolt (titanic electrical discharge between Jupiter and Earth).

⁸ The ***Abraham Disturbance*** - When Abraham was 99 years old, an explosion eliminated the Vale of Siddim, destroyed Sodom and Gomorrah, and caused the African Rift or its greater expansion. There is a good chance that the Comet Venus was born at this time from an eruption on Jupiter that was accompanied by a thunderbolt (titanic electrical discharge between Jupiter and Earth).

⁹ The ***Job Disturbance*** = Venus Contact 1 - In Job's time, raining fire, hurricane winds, and earthquakes killed Job's children (Job's first trial). Whether the Comet Venus was born during the Terah Disturbance or the Abraham Disturbance, I believe that its close passage to Earth at this time caused the Job Disturbance, thereby beginning its reign of terror over Earth's inhabitants.

***It ended with the Moses Disturbance-Phase 1 (1464 BC) ¹⁰
which probably deposited the strata in the geologists'***

4.2.3.2. Late Cretaceous Epoch

4.2.X. CLIMAX OF LARAMIDE REVOLUTION AND THE GREAT DYING!

***It ended with the Moses Disturbance-Phase 2 (1464 BC) ¹¹
which probably deposited the strata in the geologists'***

(TERTIARY)

4.3. CENOZOIC=TERTIARY ERA (mammals dominant) ¹²

4.3.1. PALEOGENE (TERTIARY I) PERIOD

4.3.1.1. Paleocene Epoch

4.3.1.2-Eocene Epoch (quiet)

4.3.1.3. Oligocene Epoch (volcanism; saw start of Cascadian Revolution)

4.3.2. NEOGENE (TERTIARY II) PERIOD

4.3.2.1. Miocene Epoch (colossal volcanism; saw climax of Cascadian Revolution)

4.3.2.2. Pliocene Epoch (volcanism; saw decline of Cascadian Revolution)

Transition between geologic strata and geologic ages

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

This era is the equivalent of the Turbulent Era and the geologists' Pleistocene Epoch. It lasted for 799 years, during which Earth underwent many close encounters with its moon, the comet Venus, and the planet Mars. Each of these encounters produced (a) a brief period of intense volcanism, which created heavy clouds that clothed Earth in gloom, (b) decades of gloom, which prevented insolation and thereby caused global chilling and ice-

¹⁰ The ***Moses Disturbance-Phase 1*** = Venus Contact 2A - The approach of the comet Venus, which was leaving the sun and approaching the Earth with its tail preceding it, caused the Ten Plagues of Egypt.

¹¹ The ***Moses Disturbance-Phase 2*** = Venus Contact 2B - When Moses was 80 years old, the arrival of the Comet Venus caused a global catastrophe that precipitated the Exodus of the Hebrews from their bondage there, created the tornado which appeared as a Pillar of Cloud by day and a Pillar of Fire by night, parted the Red Sea, destroyed pharaoh and his army, and ended the Middle Kingdom of Egypt.

¹² Originally the Cenozoic Era consisted of two periods: (1) the Tertiary Period, which contained the (a) Paleocene, (b) Eocene, (c) Oligocene, (d) Miocene, and (e) Pliocene Epochs, and (2) the Quaternary Period, which contained the (a) Pleistocene and (b) Holocene Epochs. Under further refinement, the Tertiary Period was divided into two periods: (1) the Paleogene Period (Tertiary I), which contains the (a) Paleocene, (b) Eocene, and (c) Oligocene epochs, and (2) the Neogene Period (Tertiary II), which contains the (a) Miocene Epoch and (b) the Pliocene Epoch. Thus the term "Tertiary" fell into disuse, although a few geologists use it interchangeably with the "Cenozoic," dropping the use of the "Quaternary" altogether. Following the Neogene Period is the Quaternary Period, which contains the Pleistocene Epoch (Quaternary 1) and the Holocene Epoch (Quaternary 2). The cause of the ice ages - close encounters among the inner planets - ceased in 665 BC with , and the 8th Ice Age, consisting of the Manketo Ice Advance followed by the Boreal Ice Retreat, brought the Pleistocene Epoch to an end c.625 BC, after which began the Holocene Epoch and its first and only segment, the Atlantic Age, which continue to the present day.

advances, and (c) an extended period of ash-precipitation, which permitted insolation and thereby caused global warming and ice-retreats. Thus, the Ice Ages.

The turbulence in the heavens was reflected by turmoil on earth. The *Moses Disturbance* dealt a devastating blow to all life on Earth, causing the Great Dying and leaving the survivors clinging to the dark and dismal land with few resources to survive the cold, particularly in the northern climes. Bands of marauders migrated south in successive waves in the hope of finding warmer weather and weakened communities that they could enslave and plunder, and the resulting nations and city-states then set about waging war on one another to achieve dominion over their regions.

1C-1 - Ancients' Missing Age (1464-1008 BC) (or the ruined remnant of the Ancient's Bronze Age)

This age phase is the equivalent of (a) the Bible's Post-Exodus Age, (b) the Early Turbulent Age, (c) the Reign of Venus, (d) the geologists' Early Pleistocene Age (JH), and (e) the archaeologists' Middle Bronze Age, which includes the Middle Helladic and Middle Minoan periods. It lasted 456 years, during which the comet Venus approached Earth roughly every 50-52 years.

At the beginning of this phase, the Egyptian civilization collapsed under the duress of (a) the physical destruction and death of the firstborn caused by the Ten Plagues, (b) the Exodus of the Hebrews, upon whom it had depended for much of its growth and development during the previous centuries, and who took with them much of its portable wealth, and (c) the arrival of the Hyksos, an Arabian tribe also known as the Amalekites, who kept Egypt subjugated for the next four centuries, but produced almost nothing of any cultural note.

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

The Moses Disturbance-Phase 2 (1464 BC)¹³

which probably began the
(QUATERNARY)

4.3.3. QUATERNARY PERIOD (1464-c.645 BC)

4.3.3.1. Pleistocene Epoch (ice ages) (volcanism remnant of Cascadian Revolution)¹⁴

¹³ The *Moses Disturbance-Phase 2* - Venus Contact 2B - see the previous footnote.

¹⁴ In this note, the term ice age refers to both an ice advance and the ice retreat which immediately follows the advance. I have divided the Pleistocene Epoch into three ages: (1) the Early Pleistocene Age, which coincides roughly with the Ancients' Missing Age, my Early Turbulent Age or *Reign of Venus*, the archaeologists' Middle Bronze Age. It consists of four ice ages: (a) the 1st Nebraskan, (b) the 2nd Nebraskan, (c) the Kansan, and (d) the Illinoisan; (2) the Middle Pleistocene Age, which coincides roughly with the Ancients' Heroic Age, my Middle Turbulent Age or *War in the Sky*, and the archaeologists' Mycenaean of Late Helladic III Period. It consists of one ice age, the Iowan, because there is a significant lapse of time between the Iowan and Tazwell ice advances; and (3) the Late Pleistocene Age, which coincides roughly

4.3.3.1.1. Early Pleistocene/Galasian Age (JH) (1464-1008 BC)

4.3.3.1.1.1. The 1st Ice Age (1464-1413 BC) consisted of the 1st Nebraskan/Gunz Ice Advance followed by the 1st Aftonian Interglacial Ice Retreat

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

*The Joshua Disturbance (1413 BC)*¹⁵

which probably began

4.3.3.1.1.2. The 2nd Ice Age (1413-1261 BC) consisted of the 2nd Nebraska/Gunz Ice Advance followed by the 2nd Aftonian Interglacial Ice Retreat

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

*The Deborah Disturbance (1261 BC)*¹⁶

which probably began

4.3.3.1.1.3. Ice Age 3 (1261-1058 BC) consisted of the Kansan/Mindel Ice Advance followed by the Yarmouth Interglacial Ice Retreat

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

*The Samuel Disturbance (1058 BC)*¹⁷

which probably began

4.3.3.1.1.4. Ice Age 4 (1058-1008 BC) consisted of the Illinoian/Riss Ice Advance followed by the Sangamon Interglacial Ice Retreat

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

This age is the equivalent of (a) the Middle Turbulent Age, (b) War in the Sky (c) the geologists' Middle Pleistocene Age, and (d) the Archaeologists' Late Bronze Age, which includes the Late Helladic III and Late Minoan III periods. It lasted 254 years, during which close encounters involving Earth, its moon, Venus, and Mars occurred in roughly 152-year cycles, which I identify as Homer's three cosmic battles. In the last encounter, Venus was impelled into its current orbit, thereby giving the appearance of having been vanquished by Mars.

with the Ancients' Iron Age, my Late Turbulent Age or *Reign of Mars*, and the archaeologists' Early Archaic Period. It consists of three ice ages: (a) the Tazwell, (b) the Carey, and (c) the Mankato.

¹⁵ The *Joshua Disturbance* - Venus Contact 3 - Probably in year 11 of Joshua's leadership of the Hebrews, meteorites fell on the battlefield at Beth-Horon during the conflict between the Israelites and the Amorites. Either the Earth's Axis shifted or the Earth's rotation ceased, causing the Sun to stand still in the sky and thereby prolonging the day in the Middle East and the night in the Americas.

¹⁶ The *Deborah Disturbance* - Venus Contact 4 - Soon after Deborah became judge, the stars fought and flooding rains discomfited Sisera's army.

¹⁷ The *Samuel Disturbance* - Venus Contact 5 - Probably in year 15 of Samuel's judgeship, meteorites fell on the Philistines, accompanied by a great thundering in the sky.

During this phase, Europeans moved southward and invaded northern Italy, where they were known as the Etruscans. Western Eurasians moved southward through the Balkans and Macedonia and invaded Greece, where they were known as the Dorians. Other western Eurasians followed the same route, but then crossed the Bosphorus into western Asia-minor and the Aegean isles, where they were known as the Ionians. Middle Eurasians moved southward through Georgia and Azerbaijan and invaded western Asia Minor, Mesopotamia, and Persia, where they were known as Cimmerians. Eastern Eurasians moved southward through Kazakhstan and Tajikistan and invaded the Indus Valley, where they were known as Aryans.

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

The David Disturbance (1008 BC)¹⁸

which probably began

4.3.3.1.2. Middle Pleistocene Age (JH) (1008-957 BC)

4.3.3.1.2.1. Ice Age 5a (1008-957 BC) consisted of the Iowan Ice Advance followed by the Post-Iowan Ice Retreat

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

The Solomon Disturbance (957 BC)¹⁹

which probably began

4.3.3.1.2.2. Ice Age 5b (957-855 BC) consisted of the Post-Iowan Ice Retreat continued

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

The Jehoram Disturbance (855 BC)²⁰

¹⁸ The **David Disturbance** - Venus Contact 6 - Probably in year 25 of David's reign, an angel (sometimes comet or planet) nearly destroyed Jerusalem.

¹⁹ **Homer's 1st Cosmic Battle** = the **Solomon Disturbance** - Venus Contact 7 & Mars Contact 1. Probably in year 31 of Solomon's reign, the first battle in the sky between the comet Venus and Mars occurred. There is no record of this event in the Bible or elsewhere. The disturbance is hypothetical, based on Homer's references to three such battles.

²⁰ **Homer's 2nd Cosmic Battle** = the **Jehoram Disturbance** - Venus Contact 8 & Mars Contact 2. Probably in year 7 of Jehoram's reign in Judah, the second battle in the sky between the comet Venus and Mars occurred. Again there is no Biblical record of this event, but there is an Egyptian record which refers to an unidentified affliction that fell on Egypt during the reign of Akhnaton - an affliction that the priests regarded as punishment for an unacknowledged incidence of patricide. There are also Greek records by (a) Archilochus, who referred to Zeus turning mid-day into night, and (b) Seneca, whose chorus in the drama Thyestes, asks the sun "What has driven thee from thy heavenly course? ... Has Typhon thrown off the mountainous mass and set his body free?" (These quotes come from Immanuel Velikovsky's Worlds in Collision, pp 216-217. Velikovsky believed that Atreus & Thyestes were contemporaries of Ahaz, and that the event to which Archilochus and Seneca referred was the Ahaz Disturbance. I disagree. According to my Synchronization of the Greek Generations (see Table 11D), Atreus and Thyestes lived over a century and a half earlier than Ahaz. Also, Typhon was the name of a phenomenon that occurred during Venus Contact 2. Because the comet Venus emerged from the planet Jupiter (Zeus), Typhon was sometimes erroneously associated with Jupiter rather than Venus, but never with Mars.)

which probably began

4.3.3.1.2.3 Ice Age 5c (957-855 BC) consisted of the Post-Iowan Ice Retreat continued

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

This phase is the equivalent of (a) the Late Turbulent Age, (b) Reign of Mars, (c) the geologists' Middle Pleistocene Age until 695 BC and then Late Pleistocene Age (JH), and (d) the Archaeologists' Early Archaic Period. It lasted 89 years, during which Earth underwent close encounters with Mars in roughly 15-year cycles.

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

The Azariah/Uzziah Disturbance (754 BC) ²¹

which probably began

4.3.3.1.2.4. Ice Age 5d (754-695 BC) consisted of the Post-Iowan Ice Retreat continued

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

The Ahaz Disturbance (695 BC) ²²

which probably began

4.3.3.1.3 -Late Pleistocene=Wisconsin Wurm (695-c.645 BC)

4.3.3.1.3.1. Ice Age 6 (695-680 BC) consisted of the Tazewell Ice Advance followed by an Ice Retreat

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

The 1st Hezekiah Disturbance (680 BC) ²³

which probably began

4.3.3.1.3.2. Ice Age 7 (680-665 BC) consisted of the Carey Ice Advance followed by an Ice Retreat

²¹ *Homer's 3rd Cosmic Battle* = the *Azariah Disturbance* - Venus Contact 9 & Mars Contact 3 - Probably in year 24 of Azariah=Uzziah's reign in Judah, the third battle in the sky between Venus and Mars occurred. It caused a titanic earthquake which devastated the Middle East, and which the Hebrews called the "Commotion in the Days of Uzziah."

²² The *Ahaz Disturbance* - Mars Contact 4 - In Ahaz's regnal year 15/16, the day on which Ahaz died was shortened when the sun's shadow on the sundial moved forward by ten degrees.

²³ The *1st Hezekiah Disturbance* - Mars Contact 5 - In Hezekiah's regnal year 14, the day was lengthened when the sun's shadow on the sundial moved backward by ten degrees, thereby correcting the previous displacement.

2 - HISTORIC PERIOD (665 BC-PRESENT)

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

The Early Historic Era lasted 663 years (665-2 BC). I have separated it into five segments: Part 2A-1 - Occident in Early Historic Era; Part 2a-2 - Middle East in Early Historic Era; Part 2A-3 - Orient in Early Historic Era; Part 2A-4 - Sacred in Early Historic Era, and Part 2A-5 - Geology in Early Historic Era.

Part 2A-2 - Middle East in the Early Historic Era

The Middle East in Early Historic Era contains the historians' four segments: 2A-1 - Neo-Babylonian Age = Late Archaic Period (665-487 BC); 2A-1 - Medo-Persian Age = Classical Period (487-330 BC); 2A-3 - Macedonian Age = Hellenistic Period (330-146 BC); and 2A-4 - Roman Age BC (146-2 BC). Together they form the historians' Early Antiquity.

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

Geology in the Early Historic Era consists of two segments: the Pleistocene Epoch's Ice Age 8 and then the beginning of the Holocene Epoch and its Atlantic Age, which have continued to the present day.

2A-5A - Pleistocene Epoch's Ice Age 8 (665-c.625 BC)

The 2nd Hezekiah Disturbance²⁴ (665 BC) *which probably began*

4.3.3.1.3.3. Ice Age 8 (665-c.625 BC) which consisted of the Manketo Ice Advance followed by the Boreal Ice Retreat

2A-5B - Holocene Epoch's Atlantic Age (c.625-2 B)

4.3.3.2. HOLOCENE EPOCH = POST-GLACIAL EPOCH (C.625-2BC)

4.3.3.2.1. Atlantic Age = Post-glacial Age (c.625-2 BC)

2B - MIDDLE HISTORIC ERA (2 BC-1453 AD)

The Middle Historic Period lasted 1454 years (2 BC-1453 AD). I have separated it into five segments: Part 2B-1 - Occident in Middle Historic Era; Part 2B-2 - Middle East in Middle Historic Era; Part 2B-3 - Orient in Middle Historic Era; Part 2A-4 - Sacred in Middle Historic Era; and Part 2B-5 - Geology in Middle Historic Era.

²⁴ The **2nd Hezekiah Disturbance** - Mars Contact 6. - In Hezekiah's regnal year 29, a thunderbolt from Mars destroyed the army of the Assyrian King Sennacherib.

Part 2B-1 - Occident in the Middle Historic Era

The Occident in Middle Historic Era, this era contains the historians' two segments: 2B-1A - Roman Age AD = Late Antiquity (2 BC-476 AD) and 2B-1B - Byzantine Age = Middle Ages (476-1453 AD).

Part 2B-4 - Sacred in the Middle Historic Era

The Sacred in the Middle Historic Era contains three segments: 2B-4A - Messiah's Life (2 BC-33 AD); 2B-4B - Messiah Bride's Childhood (33-70 AD); and 2B-4C - Messiah's Bride's Betrothal (70-1453 AD).

Part 2B-5 - Geology in the Middle Historic Era

Geology in the Middle Historic Era consists of the geologists' Holocene Epoch and its Atlantic Age continued. It lasted 1454 years (2 BC-1453 AD).

2B-5A - Holocene Epoch's Atlantic Age continued (2 BC-1453 AD)

4.3.3.2. HOLOCENE EPOCH=POST-GLACIAL AGE CONTINUED (2 BC-1453 AD)

4.3.3.2.1. Atlantic Age continued (2 BC-1453 AD)

2C - LATE HISTORIC ERA (1453 AD-PRESENT)

The Late Historic Era has lasted over 568 years (1453 AD-Present). I have separated it into five segments: Part 2C-1 - Occident in Late Historic Era; Part 2C-2 - Middle East in Late Historic Era; Part 2C-3 - Orient in the Late Historic Era; Part 2C-4 - Sacred in the Late Historic Era; and Part 2C-5 - Geology in the Late Historic Period.

Part 2C-1 - Occident in the Late Historic Era

The Occident in the Late Historic Era contains the historians' three segments: 2C-1A - Exploratory Age (1453-c.1750 AD); 2C-1B - Revolutionary Age (c.1750-1918 AD); and 2C-1C - Globalist Age (1918 AD-Present).

Part 2C-4 - Sacred in the Late Historic Era

The Sacred in the Late Historic Era contains one segment: 2C-4A - Messiah's Bride's Betrothal continued (1453 AD to Present).

Part 2C-5 - Geology in the Late Historic Era

Geology in the Late Historic Period consists of the geologists' Holocene Epoch and its Atlantic Age continued. It has over lasted 568 years (1453-2021 AD).

2C-5A - Holocene Epoch's Atlantic Age continued (1453 AD-Present)

4.3.3.2. HOLOCENE EPOCH=POST-GLACIAL AGE CONTINUED (1453 AD-Present)

4.3.3.2.1. Atlantic Age continued (1453 AD-Present)