

ANCIENT ASTRONOMY

THE CELESTIAL MAZZAROTH MYTHOS

A Study Series on the Basics of Cosmology

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www.PostScripts.org for online PDF illustrations in Chart section

'In the beginning, God created the Heavens and the Earth.' –Genesis 1:1

The purpose of this study is to present the information presenting by Bible researcher, Brad Hurst in his YouTube video series on Ancient Astronomy. His YouTube Channel, [SchoolDadWinchester](#) presents a video series that outlines a well-presented discourse on basic Astronomy with the intent to investigate the *Red Dragon* phenomena of the Revelation 12 Sign. The video series builds-up to help determine what the 'Red Dragon' was or is in regards to the Revelation 12 Sign. The author's astronomical interpretation of what the 'Red Dragon' constituted, astronomically a fresh look and evaluation of what actually occurred and is as the Revelation 12 Sign was and is more of a progressive 'Sign' in terms of time and place perhaps. There are several charts that have been duplicated for one's study and to follow along the video series online. A brief outline of the information presented in each video will correspond to each of the charts, etc.

The charts will be labeled, Ancient Astronomy in numerical order. The premise of the whole study by Brad Hurst is predicated on his treatise of *Astronomy, Astrology and Myth in the Ancient World*. The context will be presented in paraphrase format highlighting the main points as it pertains to Biblical Astronomy, etc. According to Hurst, no book has had a more profound impact into such topics as *Hamlet's Mill*. It was the work of several researchers such as Jorge (George) Santayana of MIT that helped establish a new sub-science of *Astro-Astronomy* by such publications. The basis for such a new scientific discipline was to study human knowledge and its transmission through the language of 'Myth' throughout the Ages. What the researchers discovered was that what was considered mythical constructs of tales were and is in fact a lost and sophisticated code of knowledge and information based on the Cosmos.

This sacred information and knowledge, according to the academic researchers have been transmitted throughout the various civilizations on Earth through 'Myth'. The presumption is that at one time in the ancient and *pre-Flood* past, an advanced civilization with knowledge and technology felt it necessary to pass down such knowledge and information. One example of such a lost knowledge was how to track the motion and markers of the Sun, Moon and the Stars. This information included the past motions of the *Equinoxes* and *Solstices* for example through the medium of 'Myth' as noted. One way that the *Ancients* also passed on such a sacred knowledge was to encode such information on monolithic stone structures, in pyramids, ziggurats and temples for example. Accredited researchers like Santayana criticized Anthropologists for willfully ignoring the astronomical records common to all ancient civilizations.

The Ancient Mythos

This ignorance of the ancient 'Mythos' is placated by the erroneous bias of Darwin's *Evolutionary Theory* that suppresses such science of the cosmic markers for example. According to mainstream Archeology, such a 'Mythos' is 'pagan' at best and only mere coincidence and as a result, there is an underlying hostility between such scientists and even theologians for that matter. The bias of Anthropologists is such that ancient sacred knowledge destroys the Darwinian paradigm. To such, it would have been and is impossible for mere primitive people to have such advanced comprehension of mathematical and celestial precision. There are other accounts, for example attributed to the writing of Josephus that inference such a sacred lost knowledge to the Biblical characters going as far back as with Seth, Enoch, Nimrod, etc. One of the core universal markers is that of the pre and post *Flood of Noah* that many ancient historians allude to like Plato with Atlantis for example and with *pre-Flood* Egyptian writings, etc.

It is asserted that what was originally called 'Astronomy' is not what is total understood by today's terms and what its original form was. What modern science has overlooked is the failure of appreciating the original intent of the Cosmic 'Mythos'. One point is that the *Ancients* who constructed the giant monolithic structures were not intending to just communicate a childish 'fairytale' that determines one's daily horoscope. Such did however believe that the movements of the celestial bodied within the Cosmos did serve as markers for 'signs and seasons', just as the Bible declares. The Bible does however attest to the fact that corruption crept into the 'Mythos' of such a lost knowledge as Humanity began to worship the *Creation* and the 'Myths' instead.

This is clearly seen even in today's science as all information is funneled into an Evolutionary bias construct. In part, the understood portions of the 'Mythos' is that for example, various structures around the world kept track of the various movements of the Sun, Moon and the Stars to chart the *Precession of the Equinox* for example. For that purpose, among many, the Cosmos was divided into the 12 *Signs* and attributed names and meaning. The Bible calls this celestial construct the *Mazzaroth*. The most common image used for the depiction of the *Mazzaroth* is the Dragon. There are in fact 3 Dragon types drawn on the *Equatorial Line*. These 3 Dragons are seen in *Ophiuchus* with *Serpens*, *Cetus* in *Pisces* and *Hydra* in *Leo*. All of these Dragons, curiously have their 'Heads' above the Celestial Meridian or in the 'Waters Above' portion of the sky.

This same pace is called the 'Dragon's Head', etc. In contrast, all these 3 Dragons have their 'Tails' in what is designated the 'Waters Below' and what is called also the 'Dragon's Tail'. The 4th Dragon is depicted in the celestial northern quadrant called *Draco*. This position appears to have this 'Dragon' pull with its tail the *Equinoxes* to either points of the *Precession*. This is also the imagery depicted in the Revelation 12 Sign. The *Mazzaroth* is in essence the storyline of the *Gospel* written in the Stars. Even to this day, its meaning has been preserved. In summary, the *Mazzaroth* shows the great celestial struggle between the Redeemer of Humanity, Jesus Christ against the 'Red Dragon', Lucifer. When one studies the ancient creation accounts of the Sumerians, Akkadians and Egyptians for example, one can see that the Luciferians have coopted the Biblical narrative for themselves as part of their plan of deception.

The Creation Accounts

What researchers do agree on is that the original Zodiac *Signs* are those as depicted by the Babylonians as they were the inheritors of the *pre-Flood* rendition of the Cosmic 'Mythos', etc. However, the Bible warns that Lucifer has corrupted all things to include the message of the *Mazzaroth*. He has instilled an antithesis at every point in terms of meaning and purpose of the *Gospel* cosmic storyline. The following is the example of the *Babylonian Creation Account* that coops the Biblical Genesis account. However, secularist are adamant that it is reversed and that the Biblical Genesis account is 'barrowed' from the *Sumerian Creation Myth*, etc. This would appear to be true in that it was not until Moses that YHVH gave the testimonial account of the actual accounts of *Creation* to Moses on Mt. Sinai. It is a retrospective account. However, the true narrative is dictated by none other than the *Creator* Himself, YHVH.

According to the *Babylonian Creation Account*, in the beginning, there were 2 beings that coexisted with each other. They were brought forth out of the *Chaos*. The one was male, masculine and the other was female, but transgender. *Abzu* was the name of the male. The name of the female was *Tiamat*. *Abzu* was brought forth from the clear waters, *Tiamat* was drawn from the bitter or salt waters, etc. *Abzu* is said to have created a 'Son' in his own 'likeness and image'. This 'Son' was called *Anu*. At some point, both *Abzu* and *Tiamat* came together and created what is called the *Anu-kin*. These were the Demigods (Angels) of the *Cosmos* and from where *Star Wars* personas were derived from for example as in *Anakin Skywalker*, etc. Later on, when Israel came into the *Promised Land*, they encountered the Giants, descendants of the *Ana-kim*.

Anakim (Hebrew: אַנְקִיִּם 'Ānāqîm) were described as a race of Giants, descended from *Anak*, according to the dictation given to Moses. They were said to have lived in the southern part of the land of Canaan, near Hebron. They were hybrids that the *Fallen Angels* had intermingled their DNA with humans, etc. All these 'gods' had certain attributes and powers but *Anu* was the most powerful. On an aside note, according to the *Last Book of Enki*, *Anu* is the King of the red planet called Nibiru. *Anu* is said to have created a 'Son' in his own 'likeness and image'. This 'Son' was called *Marduk* (Murdoc, Murdoch). At some point, a dispute occurred between *Abzu* and *Tiamat*. The issue was the level of corruption that came about as a result of their various genetic experimentations and creations. *Abzu* wanted to destroy all living things but *Tiamat* opposed this plan.

Tiamat organized a celestial rebellion and won all but a few to her side. *Abzu* conspired with those remaining to kill the 'Rebel Alliance'. His conspiracy was discovered and *Tiamat* had *Abzu* executed. In retribution, *Anu*, the 'First-Begotten' of *Abzu* called on all those remaining to dispose of *Tiamat*. Many tried to confront *Tiamat* but were terrified at her sight. Then came *Marduk*, the 'First-Begotten' of *Anu* and asked of *Anu* that if he prevailed in conquering *Tiamat*, all the *Anu-kin* would be subject to him and receive all 'power and authority'. *Anu* agreed and fashioned the '4 Winds' as to help *Marduk* defeat *Tiamat*. As the contest commenced, *Marduk* through a 'net' over *Tiamat*. As *Tiamat* opened her mouth to swallow the net, *Marduk* threw the '4 Winds' at her.

The Celestial Conflict

Tiamat could not engulf the '4 Winds' nor shut her mouth, *Marduk* rushed into her inner being and eviscerated her. Upon the defeat of *Tiamat*, *Marduk* killed 4 of the prominent rebel *Anu-kin*. He offered the rest of the *Anu-kin* to submit to him and in turn would allot them kingdoms to rule. This was predicated on some conditions. They had to see *Marduk's* nakedness and take in his manliness. *Marduk* fashioned the *Mušḫuššu* as his symbol in token of his defeat of *Tiamat*. It is a creature depicted on the reconstructed *Ishtar Gate* of the city of Babylon, dating to the 6th century B.C. As depicted, it is a mythological hybrid: a scaly dragon with hind legs resembling the talons of an eagle, feline forelegs, a long neck and tail, a horned head, a snake-like tongue, and a crest.

Marduk was considered the 'Law Giver' of which none of his laws could be altered. Then with the remains of *Tiamat*, *Marduk* created the Earth and created Humanity, male and female after his 'image and likeness'. The *Anu-kin* were given dominion over Humanity but oppressed them in pride due to *Marduk's* victory over *Tiamat*. All things made from *Tiamat* were considered evil and corrupt. *Marduk* later on created the Moon and the *New Moon's* crescent 'Horns' were the symbol of his power, i.e., Allah and Moon Crescent of Islam, etc. *Marduk* fashioned these lunar 'Horns' and gave them to the *Anu-kin* as symbols of their dominion. These same are what is at the pinnacle of every Muslim mosque. On Earth, *Marduk* proclaimed himself as 'Ba'al' or 'Lord' of Earth. He gave the title of 'little Ba'als' to all the *Anu-kin* (Fallen Angels) on Earth. *Marduk* had over 50 names by which he was known.

These names were attributes of a character trait. Later on, such characteristics were infused in their names with Ba'al and then hyphenated that character trait with the name for example. They were instructed by *Marduk* to spread over the lands and construct shrines of worship to their characteristics. Among the most notable names were the 'Shining One'. This is seen in the Americas with *Quetzalcoatl*, for example and is one of the attributes of Lucifer himself. The land of Assyria is named after this 'Shining One'. Is it no wonder why the Bible infers that the coming AntiChrist will be an 'Assyrian'? Moreover, in the Arabian Peninsula where Islam came from, This *Shining One*, Ba'al was known as *Mar-Allah*. At some time thereafter, the *Anu-kin* convened a council and it was deemed that *Marduk* be given a place in the Heavens and Earth by which he could move 'to and from' as the book of Job describes Lucifer doing, etc.

This place on Earth would be called *Ba-Bel*, or the 'Gate of God'. This local was also to serve as the center of perpetual corruption and sin so as to have Humanity be ensured to be enslaved to the will of the *Anu-kin*. Among the vices that were propagated there were drugs, prostitution, fornication, homosexuality, feminism, transgenderism, etc. Any vice that would obfuscate the masculinity of men would be centralized from Babylon. Thus the memory of *Tiamat*, being transgender would be worshiped by these vile practices of mankind. A temple to Ba'al and to *Marduk* was to be the seat of power on Earth for *Marduk* with the symbol of the Dragon as its ensign. This 'Temple of the Dragon' or 'Serpent' was known as a ziggurat and was the most prominent structure in Babylon. The ziggurat at Ur was also called the 'Temple of the Dragon', *Mar-Allah*.

The Cosmic Dragons

It is stated that *Marduk* later on self-decreed a new constellation after this character, which he called *Draco*. He established himself at the most important 'crossings' of the *Nodes* of the *Cosmos* or the 'Nibiru'. These *Nodes* or crossings, for example would be the *Gate of God* or the *Golden Gate* and the *Gate of Man*, called also the *Silver Gate*. By some other research, others purport that a literal 2nd Sun called the *Nemesis Star System* by which a red planet named Nibiru does have an comet-like elliptical orbit that crosses the such celestial points, etc. These points of the Crossings, were or are at the *Equatorial* and *Ecliptic* planes. None of the other celestial bodies would be allowed to pass without the permission of Marduk and his 'Dragon'. Thus, as one can see, the language of the crossing *Nodes* and the imagery of the 'Dragons' affecting the eclipses, both lunar and solar, the *Solstices* and *Equinoxes* are still prevalent in today's lexicon.

Why even NASA still uses the world *Saros*, a Babylonian astronomical cycle to track the motions of celestial bodies, etc. However, an eclipse is not 'The Dragon'. All that the eclipses portray in the context of the ancient 'Mythos' is that the Dragon 'swallows' the eclipses. And as the *Nodes* are ever present, so too is the Dragon association always there as well. This is an example of the ancient alternative *Creation* and mythological imagery. The Bible however does speak of this same type of imagery as it alludes to being 'swallowed up by the Dragon' in Jeremiah 51. The ancient *Sumerian Creation Account* is in fact an example of the corrupted Genesis account of the Bible and represents a version for the *post-Flood* Age and how they explained the *Anu-kin*, etc. Lastly, the notion and person of Nimrod is considered in terms of *Emperor Worship*. Nimrod is mentioned briefly in the book of Genesis where not much is said about him.

However there are other records such as in the Akkadian ones and with Josephus that he lived long enough to be a contemporary of Abraham by some accounts. By some measure, it was Nimrod that established the concept and practice of *Emperor Worship*. In other words, the Emperor being the reincarnation of *Marduk*. As such, Nimrod made depictions of himself as *Marduk* in the celestial battle against *Tiamat* or fighting the Dragon; think Michael slaying the Dragon, etc. This *Emperor Worship* was prevalent in every world empire; Sumerians, the Egyptians, Persians, Greeks, Romans, etc. The apocryphal book of *Ba'al (Bel) and the Dragon* is just another example of how prevalent this knowledge and depiction was that *Cyrus the Great* even revered in the days of Daniel.

It is considered the 'extended book of Daniel'. Other 'Dragons' are also found in the Old Testament like with *Leviathan*. However, the *Red Dragon* concept is not really found until Revelation 12, which is clearly identified as Satan or Lucifer. The point is that one must be sensitive to the context of the language used to describe such entities and beings in the Bible or else one will have a wrong appreciation and estimation of what is being conveyed in the Biblical 'Mythos' just as much. For this reason a sound teaching on the fundamentals and basics of *Ancient Astronomy* will be presented to help those reading the Bible, especially in light of Revelation 12 and the *Last Days* to have a better grasp and understanding of the terms, concepts and language of the ancient 'Mythos' that in essence is based on the *Mazzaroth*, the *Gospel* storyline written in the Stars.

Chart 1: The Basics

The purpose of this illustration is to present a study based off an online video series that seeks to set the foundation for what the 'Red Dragon' of Revelation 12 could have been or could be still. The study by Brad Hurst also provides a great basic understanding of *Ancient Astronomy* that is easy to follow and comprehend. The video series has several portioned-out videos with charts that are approximately replicated to have viewers follow in the video study online. Although the Ancient Astronomy study quest to decipher the meaning of what the 'Red Dragon' was or is with respect to the Revelation 12 astronomical phenomena, it is only one of many possible explanations still to be ascertained.

The study will focus on how the Earth functions in the *Solar System* with regards to Astronomy. The study presents the view that the Earth is spherical and not flat. The Earth has an *Axis*. The Earth has a tilt of about 23.5 degrees as presented in the study but alternate renderings are actually 23.4 degrees which leaves 66.6 degrees to complete a right angle, etc. The Earth also has an *Equator* that dissects the sphere that is imposed by its movement around the Sun. Above the *Equator* at approximately 23.5 degrees is an imaginary line called the *Tropic of Cancer*. Below the *Equatorial line* is another imaginary line called the *Tropic of Capricorn* also at 23.5 degrees.

The tilt of the Earth that determines its *Axis* has these mathematical limits north and south of the *Equator* at 23.5 degrees respectively. On the 1st day of Spring, typically either March 20 or 21, the Sun rays directly shine on the *Equatorial Line*. This astronomical event and/or movement is called the 'Vernal' or *Spring Equinox*. From that time forward, the Sun begins to move farther north, as the days get longer until it reaches the *Tropic of Cancer*. The Sun's direct rays will reach this northern limit around June 20 or 21. This astronomical movement is called the *Summer Solstice*. This time will be the longest day of the year.

After the *Summer Solstice*, the Sun begins to move back 'down' the line and crosses the *Equator* around September 20 or 21, which is called the Autumn or *Fall Equinox*. This is when the days start to get shorter. From that time forward, the Sun moves downward and reaches the southern limit of the Earth's rotational *Axis* or tilt at the line of the *Tropic of Capricorn*. This astronomical event and/or movement is called the *Winter Solstice* that occurs around December 20 or 21. This time will be the shortest day of the year.

Chart 2: The Celestial Axis

The purpose of this illustration is to continue in the video study series on the basics of *Ancient Astronomy* with respect to the depiction of the *Celestial Axis* in relation to the Earth's *Axis*. The perspective is from Earth that is presented as a sphere and not a flat surface. The various designations are noted as with the Earth's *Axis* that is at approximately 23.5 degrees delineated with respect to the *North Pole* and the *South Pole* of the Earth, etc. The *Ecliptic Line* is noted where the Sun travels through the constellations and designates the times of the *Spring Equinoxes* and the *Fall Equinoxes*, etc. The red line represents the *Celestial Axis*.

This line is demarked by the constellation of *Draco* or the Dragon in the north. The *North Pole Axis* line is projected out from Earth to the constellation of *Draco* and has its opposite, that *South Pole Axis* that over time defines the *Precession of the Equinoxes*. Over time, the North-South Pole imaginary line moves counter-clockwise and crosses the *Celestial Axis* and proceeds to rotate at an approximate angle of 47 degrees, all inclusive. This movement when completing 1 rotation of this line or 'Precession' takes approximately 26,000 years. This celestial cycle is also called the *Great Year*. What is important to note is that as the *Precession of the Equinoxes* rotates in reference to Earth's position, so too does the *Tropics*, the north and south 23.5 imaginary line delineation relative to the Earth's apparent *Equator Line*.

What this signifies is that the current *Tropical Line* alignments are not the same as those in the past nor will in the future. If one took the side view of the *Precession of the Equinox* illustration and looked at it from a top view, the following would be observed. The present *North Pole* in relationship to both the Earth and the *Celestial North Pole* will be at a specific point on an *Axis*. This *Axis* will in turn be in relation to the center point of the *Celestial Axis*. The *Ecliptic Line* is not centered on the *Celestial Axis*. It does however, revolve around this *Axis* counter-clockwise as it changes over time as well. The *Equatorial Line* orientation orbit or rotation also moves in a counter-clockwise fashion and is centered on the *Celestial Axis*. What is rather interesting is that both the *Ecliptic Line* and *Equatorial Line* both have 6 constellations that make up the totality of the *Zodiac Signs* or the *Mazzaroth*.

Chart 3: The 4 Corners of the Earth

The purpose of this illustration in the continued *Ancient Astronomy* video series study by Brad Hurst is to look at the construct of the sky. The perspective will be from a top view as the Sun at the center encircled by the 12 Celestial Signs of the *Mazzaroth*. With respect to the movement of the Sun, the rotation goes in a counter-clockwise motion through the constellations. By way of review, when the Sun is in-between the Earth and *Pisces*, it is called the *Spring Equinox*, or the 1st day of Spring. During this time in the morning, the Sun rises in the constellation of *Pisces* in the east. In direct celestial opposition, the constellation of *Virgo*, opposite *Pisces* will be setting in the evening in the west. During the *Fall Equinox*, the positions and movements of these *Signs* are reversed, etc.

In the Fall, the Sun is in-between the Earth and the constellation of *Virgo*. The Sun will rise in *Virgo* during the morning in the east and *Pisces* will set in the west. With respect to the *Pisces-Virgo* alignments, regardless of which *Equinox* it is, the constellation of *Sagittarius* will be seen directly above. In turn, *Gemini* which is opposite *Sagittarius* will be at its lowest point and is only able to be seen in the southern hemisphere. By comparison, on the *Winter Solstice*, the Sun rises in *Sagittarius* on December 20-21. This same celestial principle is seen during the *Summer Solstice* when the Sun rises from the constellation of *Gemini*. The researcher suggests that the starting point of this celestial mechanism occurs during the Spring time in the constellation of *Pisces*. What is presented in this study and illustration is a depiction of what the *Ancients* called this 'Cross' dissection of the night sky as the '4 Corners of the Earth'.

This verbiage or phrase is found in Revelation 7 for example and it appears to be confusing the *Flat Earth* believers. The passage states a future event where *4 Angels* will be holding back the *4 Winds* in the 4 'Corners of the Earth' to gather the *Elect*, etc. One possible implication of this imagery is that such points in time, during the *Equinoxes* and *Solstices*, are when such prophetic event might take place.

Chart 4: The Celestial Directions

The purpose of this illustration is to depict the *geo-Axis* in a different rendering from its 47-degree rotation. This approximate 47-degree limit encompasses the approximate 23.5 angles of the Earth's *Tropical Lines*. The *geo-Axis* is the point that lines-up with the Earth's poles. In this rendition, the *Celestial Axis* will be positioned at one of the edges or limits of the *Precession of the Equinox* rotation when looking at the *Ecliptic* from a side view. By way of review, the chart denotes the *Tropic of Capricorn* in the southern hemisphere of the Earth. Then there is the *Equator* and the *Tropic of Cancer* to the north at approximately 23.5 degrees respectfully.

The *Ecliptic Line*, in this case is moving in a *Sine Wave* from right to left within the limits of the *Tropic Lines*. As noted in prior studies, the *Ecliptic* is the path that the Sun moves along the constellations in the sky from Earth's perspective. The constellation of *Pisces* is at the 'Vernal' or *Spring Equinox* of March 20-21. Around the month of June 20-21, the Sun moves into the constellation of *Aries*, which is called the *Summer Solstice*. Around the *Fall Equinox* in September 20-21, the Sun moves to the constellation of *Virgo*. The constellation of *Capricorn* corresponds thus to the *Winter Solstice* around December 20-21. In the ancient world, the people did not differentiate between Astronomy and Astrology as far as language is concerned. It was the mechanism for dividing the sky and it was heavily barrowed from the Biblical narrative.

The area above the *Equator* was called the 'Waters Above'. The area below the *Equator* was called the 'Water's Below'. This same area was further subdivided with the 'Dragon's Head' above the *Equator* and the 'Dragon's Tail' being anything south of the *Equator*, etc. The reason for this 'Dragon' designation is because along the *Equatorial Line*, there are 3 constellation Dragons that all have their 'heads' above the line. The 1st Dragon is *Serpens* associated with *Ophiuchus*.

The 2nd Dragon is *Cetus* associated with *Pisces*. The 3rd Dragon, *Hydra* is associated with *Leo*, etc. A good question comes up as to why if the lowest point of the Earth's *Axis* occurs in *Sagittarius* and the highest point occurs in *Gemini* do the *Tropic Lines* currently appear to be a mismatch. The reason is because the *Equinoxes* move due to the *Precession* with reference to Earth's *geo-Axis*. Not only does the *Precession* move and determines the *Equinoxes*, but as they move, so do the *Solstice* points. At the time the current *Tropic Lines* were names, the *Solstices* were in *Capricorn* and *Cancer*.

Chart 5: The Celestial Directions

The purpose of this illustration is to show the *Ecliptic Line* as a sine wave along the Earth's *Equator*, of the Sun's path from right to left in movement through the constellations. A secondary sine wave line represents the pathway of the Moon that mirrors that of the Sun but with higher frequency of oscillation with reference to the path of its rotation around the Earth as it rotates around the Sun, etc. The various crossing points on the *Equatorial Line* are called *Nodes*. These points determine when the Sun either drops below or travels above the *Equatorial Line*. As noted in prior illustrations, the *Nodes* on the 2 *Equinoxes* occur on the *Equatorial Line*.

When the path of the Sun or the *Ecliptic* is straighten-out, the perspective gives the depiction of the path of the planets and Moon that travel above and below the Solar *Ecliptic Line*. There are also *Nodes* on the *Ecliptic* that correspond to the planets and the Moon. Wherever there is a crossing of the Sun and the Moon, which is when and where the solar and lunar eclipses occur. Of note, the *Nodes* also move along the line of the *Ecliptic* depending of the season of the year. In the same principle of the designation of the 'Dragon' from the prior illustrations, anything above the *Ecliptic* is also considered 'Above the Waters' and the 'Dragon Head'. Likewise the converse is true with anything below the *Ecliptic* being the 'Waters Below' and the 'Dragon Tail', etc.

Chart 6: The Lunar Months

The purpose of this illustration is to consider what are *Lunar Months*. For reference, the prior illustration to this online video series are noted with the depiction of the various positions of the *Ecliptic*, the *Polar North*, the *Tropic of Capricorn* and *Tropic of Cancer*, etc. These areas from a side view correspond to the areas above and below the *Equator* to delineate the 'Water's Above' and the 'Dragon's Head' along with its counterpart of the 'Water's Below' and the 'Dragon's Tail'. In this depiction, the *Ecliptic Line* is straighten-out, the chart will illustrate the path of the Moon around the spherical Earth. The first type of Lunar Month is called the *Draconic* consisting of 27.2 days from *Node to Node* on the *Ecliptic Line* depiction. The *Node* is the point in which the Moon crosses over and descends on the *Ecliptic Line*, then ascends along the *Sine Wave* pattern to cross over the *Node* on the *Ecliptic Line*. In this *Sine Wave* pattern, the Moon then descends to end at the terminal *Node* at the *Ecliptic Lines*.

The 2nd type of *Lunar Month* is called *Sidereal Month* with 27.3 days or 1/5 of a day longer from *Star to Star*. The *Sidereal Month* is the time and place it takes for the Moon to revolve around the Earth to the exact prior position. The 3rd type of *Lunar Month* is called a *Synodic Month* with 29.5 days from *New Moon to New Moon*. A good question many ask is why is the *Sidereal Lunar Month* shorter than a *Synodic Lunar Month*. The difference in days comes about in that as the Moon is rotating around the Earth, the Earth is likewise rotating around the Sun. Approximately one full revolution of the Moon around the Earth takes the Earth forward about 30 degrees in an arc around the Sun. When this occurs, due to the angle, to have the Earth with the *Sidereal Moon* align from *Star to Star*, a *New Moon* requires 2.2 more days to compensate the difference.

Chart 8: Ancient Lunar Phases

The purpose of this illustration is to consider the ancient *Lunar Phases*. The depiction has the Earth at the center of the diagram with the Sun to the side. The perspective is from a top view with intersecting lines for referencing the 4 quadrants of lunar phases. The Moon is then broken-up into what is called *Lunar Weeks* within the 4 sections. The *New Moon* occurs with the crescent or the 'Horns' first appear as the 'Sliver of the Moon', etc. The 'Sliver of the Moon' is Day 1. The 7th Day is called the 1st Quarter Moon and the 1st Sabbath. This 7th Day or the 1st Sabbath encompassing the 1st 6 Lunar 'Horns' is called the 'Lunar 'Crown'.

Thereafter, the days enter the *Waxing Crown* phases of the 2nd Quarter. The 14th Day is the 2nd Quarter Moon and the 2nd Sabbath of the *Lunar Month*. At this junction or phase of the Moon, it is called a *Full Moon*. It is at this type that lunar eclipses can only occur from Earth's perspective. Within the 3rd Quarter quadrant of the *Lunar Month*, the phases are called the *Waxing Crowns* until it reaches the 21st Day. This 21st Day of the *Lunar Month* is also the 3rd Sabbath and specifically the 3d Quarter Moon. From that point forward the Moon enters the 4th Quarter phase which is called the *Diminishing Crowns*. The 28th Day is what is called the 4th Quadrant Moon and the 4th and last Sabbath of the Moon.

However it coincides with an additional day called the *8th Day*. This is because from the 2st Day, the days are counted from 1 to 8. This 4th Quadrant Moon is called the 'Dark Moon' or a *New Moon*. There are actually 2 days of *Dark Moons* wherein the *8th Day* is noted. It is also at this juncture that solar eclipses can only occur. Interesting, in terms of the 4 Sabbath counts within a *Lunar Month*, eclipses can only occur on the 2nd and 4th Sabbaths. Also of note with regards how the Sabbath Day Adventist, such use the *Solar Calendar* which does not actually hold to the real occurrence of when a true Sabbath is to be and should be observed. Why? It is because with a *Lunar Calendar*, the Sabbaths would always be fixed to the type of lunar phases that would be constant and always determinable.

Chart 9: Lunar Phases

The purpose of this illustration is to consider the basics of what are the *Saros Cycles*. The word *Saros* is an ancient Babylonian astronomical term that NASA still uses to this day in calculating the frequencies of solar and lunar eclipses and movements. The illustration will present a geocentric depiction with the Earth at the center and the Moon revolving around its sphere and the Sun to the edge. The lines will have the *Ecliptic Plane* intersect the *Equatorial Line*. The 3rd line will represent the Moon's orbit around the Earth.

The Earth will have its denoted North and South Poles with the Axis marked at the 23.5 degree limits. The Moon's orbit around the Earth is about 5 degrees off the *Ecliptic Line*. The intersecting *Node* of the Moon's opposite points would converge at the center where all 3 lines interest. From a top view of the geocentric depiction of the Earth, the Moon's orbit around the Earth has some unique attributes. The orbit of the Moon going around the Earth is not a perfect circle, but elliptical in nature.

What is very interesting about the elliptical orbit of the Moon is that as it revolves around the Earth and crosses the 2 *Nodes*, the Moon orbit itself is rotating, counter-clockwise. Thus, such a dual rotation also causes the 2 *Nodes* to spin as well. The total time that it actually takes for the *Lunar Path Orbit* to complete 1 revolution is 18.2 years. Assuming a top view with the Sun to the right of the diagram, when the Moon reaches the *Ecliptic* intersectional *Node*, or when the Moon is directly in-between the spherical Earth and the Sun, this is where the solar eclipses occur. Conversely, when the Moon is in the opposite *Node* intersection on the *Ecliptic* and the spherical Earth is in-between the Sun and the Moon, this is where the lunar eclipses occur, etc.

Chart 10: The Solar System

The purpose of this illustration is to describe the motion of the planets and their phases, in particular the phases called the 'Crowns'. The depiction will be from a top view of the Solar System with the Sun at the center. The various concentric circles represent the various orbits of the planets from the Sun. They are from Mercury to Pluto although Pluto has been down-graded to a pseudo-planet. The reference point is assumed to always be from the perspective of the Earth, etc. The emphases will be on the visible planets that can be seen from the naked-eye. Each planet has its own elliptical orbit around the Sun along with its frequency of retrograde motion. Like the prior study of the Moon and how its lunar orbit rotates around the Earth, so too do the various planetary orbits move around the Sun. All the planetary orbits occur at a counter-clockwise fashion. In a similar manner, in general all the planets rotate in a counter-clockwise rotation.

From a top view perspective and when the layout is quarter-off in sections with an X and Y Axis, all the planets to the right of the Solar System are considered to be in Superior position from Earth's perspective. Conversely, those planets east or to the left of the X, Y Axis are considered to be in the Inferior position or orbit. However, have in mind that the imaginary X,Y lines are not fixed to the Sun's position but rather to the Earth's. This this X,Y Axis line rotates around the Sun with respect to Earth's position which means that regardless of where the Earth is at, the Superior and Inferior sides are relative. Like the Moon, planets go through phases, from a crescent then waxing to waning phase, etc. In the ancient times, the predominate phases noted were the crescent or 'Horn' phases and the waning called the 'Crown' phases for example.

Due to the various distances of the planets from Earth, the phases vary in terms of time, either lasting longer or shorter times. In some instances when Mercury and or Venus are in direct alignment with Earth with reference to the Sun, the planets cannot be seen due their respective phases. It is only after the planets rotate around the Sun enough to have what is called a 'Crown' or waning phase. However when the planets are in their Superior position and in full phase, they are not able to be seen at all because they are directly opposite the Sun or behind the Sun from Earth's perspective. Take note that Mercury and Venus are the only 2 planets that have a full phase cycle like the Moon because they are the only 2 planets closer to the Sun in their orbits than the Earth. This is also why these 2 planets also experience the various 'Transits of the Sun' as they cross the Sun's Disk, etc.

What is interesting is that the planets of Mars, Jupiter and Saturn never go through a full phase cycle, which are called 'Crowns'. They are either in a half phase or full phase and then back to half phase, in general. However Jupiter and Saturn mostly remain in their full phases as they rotate around the Sun from Earth's perspective.

Chart 11: The Sun's Crown

The purpose of this illustration is to consider the nature of 'Crowns' and 'Phases'. This information is based on the ancient Babylonian linguistic notion of the *Crown Presentation of the Sun*. This Solar 'Crown' phase always takes place either at Sunrise or Sunset. The illustration depicts the Horizon with the ground from Earth's perspective as the Sun either is setting or rising. The arch line suggests the delineation of the *Transitional Line* point between the Light and Darkness or the Day and Night. This area in the sky has a purplish-pink tint to it.

Anything below this *Transitional Line* to the ground is called or referred to as the 'Crown' of the Sun. As noted, this celestial phenomenon occurs either at Sunset or Sunrise. Take note that the *Transitional Line* moves with respect to the movement of the Sun, either when setting or rising, etc. What is interesting is that with respect to the *Superior* and *Inferior* positions of the planets with respect to the Sun, on September 18, 2017 just about 1 week before the Revelation 12 Sign, all the celestial bodies were in the *Superior* position with respect to the Earth.

In other words, all the planets and even the Moon were in their 'Crown' phase, which is rather remarkable in terms of celestial synchronicity. To further elaborate, this phenomenon meant that all the visible celestial bodies could all be seen either in the morning at Sunrise or in the evening just before Sunset; and all within the 'Crown of the Sun' phase of the Sun. The morning or night sky would span the constellations of *Leo*, *Virgo*, *Libra*, *Scorpio* and *Ophiuchus* where the crux of the apparent Revelation 12 astronomical alignments took place.

Chart 12: The Mazzaroth

The purpose of this illustration is to diagram the *Galactic Equator* with the *Tropic of Cancer* to the north and the *Tropic of Capricorn* to the south at 23.5 degrees. The red line in the form of a *Sine Wave* is the *Ecliptic* where the Sun travels throughout the 12 constellations of the *Mazzaroth* or *Zodiac*. The perspective is from Earth as its *Equator* is perpendicular to the Galactic one. The movement is from left to right as it charts time. On the *Ecliptic*, the planets as well as the Moon also move either up or down this line in an oscillating fashion in constant rhythmic patterns, etc. According to the *Ancients*, the area above the *Galactic Equator* is considered the 'Waters Above' and/or the Dragon's 'Head'. Everything below the *Galactic Equator* is considered the *Waters Below* and/or the Dragon's 'Tail'. This illustration also notes the several Dragons that compose the layout astronomically. Foremost, there is this the constellation of *Draco* that is near the *Galactic North* from where the *Precession of the Equinoxes* are calculated. Thereafter, there are 3 other 'Dragons' or star clusters that are considered 'Deacons' of 3 Signs at appear on the *Galactic Equator*.

What is interesting is that all 3 'Dragons' have their 'head' above the *Equator* and their 'tails' are below the *Equator*, etc. The 1st 'Dragon' of the *Equator* is *Serpens* in-between *Scorpio* and *Sagittarius* that that is next to the *Gate of God* or the *Golden Gate*. The 2nd 'Dragon' on the *Equator* is *Cetus*, the sea monster in the constellation of *Pisces*. The 3rd 'Dragon' of the *Galactic Equator* is *Hydra*. This constellation is one of the longest in the Universe observed and is mainly associated with *Leo*. In total, there are 4 'Dragons' in the known Universe from Earth's perspective. Some believe that each are associated with the 4 corners of the Earth, astronomically and that in turn, mirrors the 4 corners of the *Cosmos* as sort of 'Sentinel's'.

The *Lunar Path* is also designated on the *Ecliptic* that is nearly mirrored as the Moon travels either above or below the *Ecliptic*. The Moon traverses the *Ecliptic* at a much faster rate as the Sun and planets due to its proximity with Earth. In total, the time it takes for the Moon to make an entire journey from star to finish of the *Ecliptic* is 28 days. The Moon crosses the *Ecliptic* twice, the 1st time in the constellation of *Capricorn* which starts below the *Ecliptic* phase. The 2nd time the Moon crosses the *Ecliptic* is when it reaches *Leo* and near the King Star of *Regulus*.

Conversely, the area above the *Galactic Equator* for the Moon is called the 'Head' and the path below the *Galactic Equator* is called the 'Tail'. What is rather interesting about how the *Lunar Path* and the *Ecliptic* work is that from *Leo* where the Moon becomes the 'Head' of the Dragon to where it crosses the *Ecliptic* in *Capricorn* and becomes the 'Tail' of the Dragon, it presents a picture of a conceptual 'Dragon' that is being 'pulled' by its 'Tail'. It appears to be pressing ever so slightly towards the center point of the *Equinoxes*. As the path of the Moon revolving around the Earth also changes, so too will the Moon Nodes along the *Ecliptic*.

This same principle is what is at the center of the observable *Precession of the Equinoxes*. For example, during the time period or 'Dispensation' from around 1700 – 1400 BC, the *Equinox* was in the constellation of *Taurus*. This is why at that time, the main 'god' that the world was focusing on was the 'Bull' or Egypt and why the Israelites crafted the *Golden Calf* when they soon turned against YHVH at *Mt. Sinai*, etc. As time passes, the center point of the *Equinoxes* change. It has been estimated that each Sign has a corresponding time of just over 2000 years. For example, the current *Precession* is occurring in the constellation of *Pisces*, which started just before the time of Christ's 1st advent and is about to conclude.

Many Bible scholars attribute this time and/or 'Dispensation' to correspond to the *Church Age* and as the 'Fish' was the 'sign' of the start of Christianity, it parallels the astronomically procession of Time. The next *Age* or *Precession* will transition over into *Aquarius*. The author of the study does make a point that the transition takes about 1000 years for it to occur. This might be valid as there will be exactly 1000 years still to be completed when Jesus returns to Earth and will establish His *Millennial Reign*. Thereafter the *New Heaven* and the *New Earth* will be constituted that may very well be the star to the *Aquarian Age*. The other example would be the *inter-Testament Period* from about 1400 BC – 1 AD where the *Equinox* was centered in *Aries*.

This timeframe announced the coming *Lamb of GOD* that would redeem Adam's fallen race and point to the incarnation and birth of the long-awaited Messiah promised to not only Israel but the world, Jesus. What is rather interesting, for example is that during the Revelation 12 Sign phenomenon, there was a Lunar eclipse on August 8 at the junction of the crossing *Node* in *Capricorn*, at the 'Tail' of the Dragon. Then on August 21, there was the *Great American Solar Eclipse* that occurred in the other crossing *Lunar Node* in *Leo*, at the 'Head' of the Dragon. In essence, the span of time and distance then from *Leo* to *Capricorn* construed as if a 'Dragon' from *Lunar Node to Lunar Node* on the *Ecliptic* in a span of 14 days later.

This lunar and solar eclipse pair appeared to designate the 'Red Dragon' of Revelation 12, astronomically on one level of depiction. These points of crossing called 'Nibiru' of the various lines such as the *Ecliptic* or the Equator are called Nodes. The Moon thus has 2 Nodes, which are called the *Descending Nodes* and the *Ascending Nodes*. The other types of *Nodes* comprise the *Solstices* and the *Equinoxes*. When the Sun goes from *Leo* to *Sagittarius*, it is 'descending' and the climax will be the *Winter Solstice* around December 20-21. Then from *Capricorn* to *Taurus*, the path of the Sun is consider an 'ascending' one. When the Sun reaches the midpoint of the *Ecliptic* in relation to the 12 Signs, the intersection at the *Galactic Equator* is called the Spring and/or Fall *Equinoxes*. The climax of the *Ascending Path* is called the *Summer Solstice* on June 20-21.

The final *Node* of a complete cycle of this astronomical configuration occurs on the *Fall Equinox* as the Sun then travels from *Gemini* to *Virgo* and has its climax on September 20-21. What is also noteworthy in the quest to determine what the 'Red Dragon' was or is in regards to the Revelation 12 Sign, the 3 planets of *Venus-Mars-Mercury* were in conjunction along with the last phase of the crescent Moon just before the September 23 alignment. On the 18th, all 4 of the heavenly bodies were in the 'Head' region above the *Galactic Equator* in *Leo*. Also, just before the Sun reached the *Node* of the *Fall Equinox* on the 21st, it was also above the *Galactic Equator* in *Virgo*. Likewise, the planet *Jupiter* was also in its 'Head' designation above the *Ecliptic* even though it was below the *Galactic Equator* in *Virgo*. This same scenario goes for the planet of *Saturn* in *Scorpio*. What these celestial bodies amount to is the 7 'Heads' of the 'Dragon', astronomically and which are also in their 'Crown' phase.

Thus this astronomical array not only is designated by the 7 'Heads' of the 7 heavenly bodies but also have their corresponding 7 'Crowns', etc. Another very interesting point about the investigation of what the Revelation 12 Sign 'Red Dragon' could have been deals with the *Celestial Meridian*. Also on the 18th of September, there was an amazing planetary alignment with *Jupiter* in connection to the *Great Pyramid* of Giza. On this date the author of the study conjectured that the 2nd Sun Star System of *Nibiru* was also in direct alignment with *Jupiter* and the *Great Pyramid*, although not able to be seen by the naked eye. The *Ancients* did ascribe this *2nd Sun* as the 'Red Dragon'. If this was indeed what occurred, that remains to be ascertained. This astronomical explanation is a very interesting and valid alternative theory that is founded on scientific fact based on the Astronomy currently understood and explained.

The Bible does prescribe that the Sun, Moon and the Stars are used to explain the *Creator's* Glory and in the *Mazzaroth*, there is encoded the *Gospel* account of the duality and conflict of the Redeemer and the Devil as depicted by the Sun and the *2nd Sun*, the 'Red Dragon' which is depicted as the Devil in the book of Revelation for example. These celestial *Signs* in turn are also associated with great monuments on Earth, like the *Great Pyramids* that are pegged to in terms of tracking time. As it is, the *Mazzaroth* is not only the 'Gospel written in the Stars' as a silent witness that the Apostle Paul speaks about in Romans but it is set to calendar the *Appointed Times* of YHVH, etc. In essence, the *Heavenly Bodies* are a huge time clock, and that of prophetic time no less.

The author of the study asks the question toward the end of the presentation of this information, when did this alignment start to take place? Based on his assessment and start time, it occurred around Nissan or Passover of 2017 with respect to the pattern of the *New Moons*. This would mean that from March to December of 2017, there were a total of 10 Moons. What this means, is that the astronomical depiction of these *New Moons* with their 'Horns' as when the *Sliver of the Moon* is first identified, it would thus constitute the 10 'Horns' of the *Red Dragon* that were being constituted leading up to the Revelation 12 Sign.

Moreover, when one considers that the 'Crown' phase of the Moon will also have 10 occurrences, the last of the phases occurred on the 15th of January of the new year of 2018. The author of the study makes the distinction that the imagery of the *10 Horns* with *10 Crowns* also has an Eschatological and prophetic implication wrapped in geo-political interpretation as well. Nonetheless, the completion of this astronomical interpretation of what the 'Red Dragon' constituted, astronomically is a fresh look and evaluation of what actually occurred and is as the Revelation 12 Sign was more a progressive 'Sign' in terms of time and place perhaps. The question remains, what would be the correct starting point of the count, if any? This is open still to speculation and further need to study *Ancient Astronomy*.

Main Sources

Brad Hurst - SchoolDadWinchester

Stellarium.org