

THE OBLIQUITY OF THE ECLIPTIC

THE BIBLE TIME LINE CONFIRMATION

Mercy and Truth Bible Church

12/31/2023

THE OBLIQUITY OF THE ECLIPTIC

Building Our Faith

- It is Important When we Create and Give a Sermon that the word of God is Edified.
- It is Just as Important that We Give a Sermon that will Strengthen the Faith of the Believer.
- We live in an Upside Down World, Where People Call The Truth a Lie and Believe Lies Rather than the word of God. Remember the Christian Confession.

Romans 10:8-9

⁸ But what saith it? The word is nigh thee, even in thy mouth, and in thy heart: that is, the word of faith, which we preach; ⁹ that if thou shalt confess with thy mouth the Lord Jesus, **and shalt believe in thine heart that God hath raised him from the dead**, thou shalt be saved.

- We a Persons Confession of Belief that God Raised Jesus from the Dead as the Moment God Saved them. But What is the Most Difficult Thing for any Person to Grapple with Belief. We are Surrounded and Bombarded by Lies Constantly Day in and Day Out , on Social Media, on the News, By our “Friends”, Even Our Loved Ones.
- ...”**God is Not the Author of Confusion**”, as such if we can show a person the continuity of God’s Creation we can use that as a Stepping Stone to Show that if that is Truth than the Rest of his word must Also be Truth Also.
- So Today I am Going to Show you How God’s Silent Creation Proves He is Who he Said he Is.

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Modern Day Astronomer Debunks Constant Obliquity Angle Theory

- **George F. Dodwell:** (1879-1963) An Astronomer and Fellow of the Royal Astronomical Society, was a Government Astronomer for South Australia, Studied the Obliquity of the Ecliptic and wrote a transcript intent of publishing his book, which was finally issued by his heirs in February 23, 2010, 47 years after his demise owing to the publishers refusing to publish original manuscript.
- Well why would not Publisher want to publish his work? Well plain and simply it proves Scientifically the Biblical Narrative and time line...and y'all know that is a no, no in todays modern world.
- Dodwell Studied the Ancient Civilizations and Cataloged what the listed as the North Star and other various celestial Bodies. Modern Scholars also studied these civilizations and created a timeline pushing prehistory back tens of thousands of years. Dodwell came into possession of a table of his Uncle Sir Frank Dyson, of the Medieval Belgian Astronomer Godefroid Wendelin which revealed one sided abnormalities in dating compared to modern interpretations, Dodwell suggested further study on these in 1935

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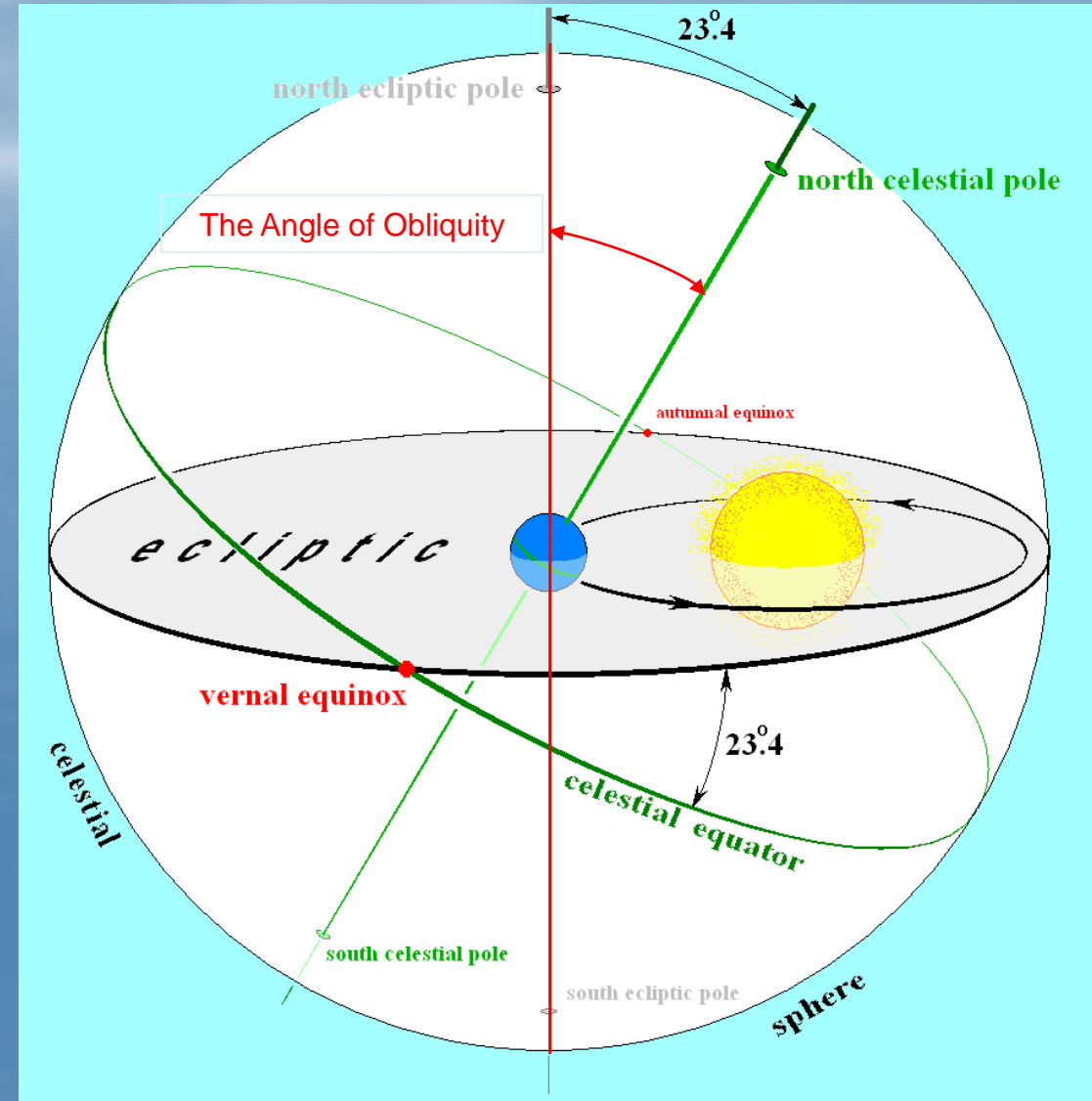
The Great Hold Up

- **The Study**: Adelaide Observatory began the task with 9 experimenters making 172 observations on a vertical gnomon. The Initial report was made to the South Australian Parliament on February, 20 1937. Dodwell wanted his research published as a report of the Adelaide Observatory, but it was closed in 1952. The Report manuscript was finally completed just prior to his death in August 10th of 1963!
- And then not released to the Public except by the diligence and persistence of his Heirs in February 23, 2010!
- **The Issue**: Astronomer Simon Newcomb had created an Internationally Accepted formula for the variation of the obliquity. However, this formulas time line exhibited a consistent growing error with recorded civilizations the farther back in time one went. In point of fact it erred on the side of creating a much older solution for civilizations as you followed his formula timeline.
- In a nut shell Newcomb introduced error into his calculations by nominalizing his data.

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The Definitions

- **The Elliptic**: The Elliptic Plane, The Earth Revolves around the Sun in an Ellipse, That Ellipse has as one foci at the Sun, if you were to look at it from the side view you would see the path of the Ellipse is along a single plane (ie: it doesn't bob up and down as it revolves around the sun).
- **The Obliquity**: The Angle of the Earths Geographic Pole about which the Earths rotation occurs in relation to the Elliptic Plane.
- The Study of the Angle of Obliquity to the Ecliptic Plane, is Called **“The Obliquity of the Ecliptic”**



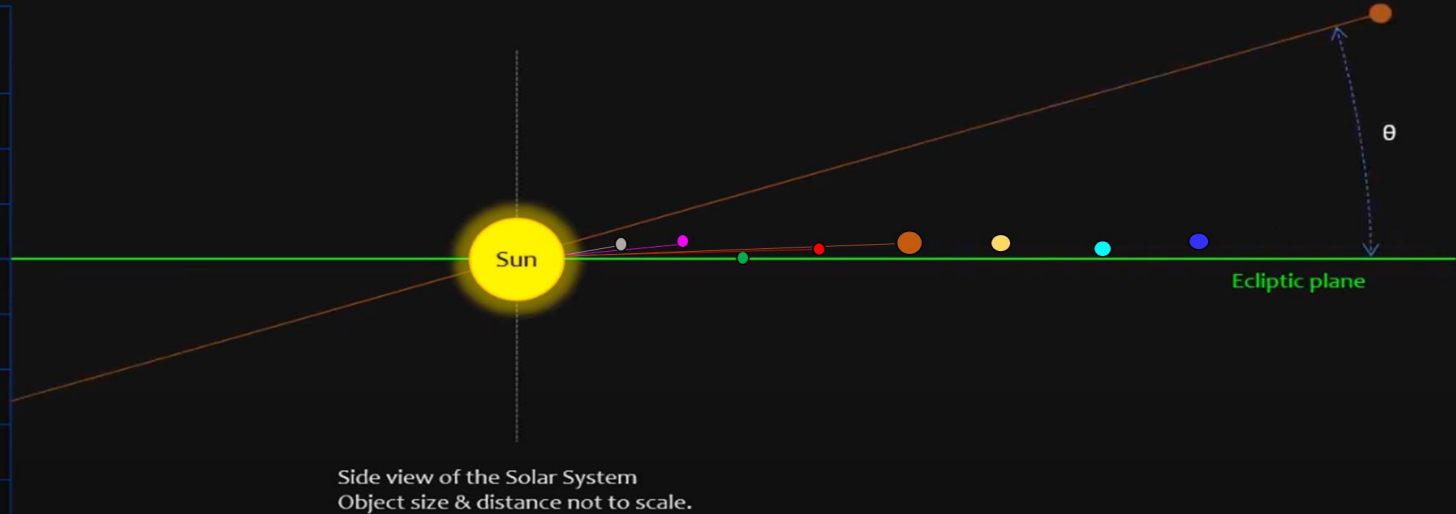
THE OBLIQUITY OF THE ECLIPTIC

- Understanding the Ecliptic

- As Bible Believers we are **Not Flat Earthers!** We believe in the Heliocentric Model **Not** the Papal Earth Centric Model.
- When We View our solar system side ways you will see that not all Planets are on the exact same Plane, Astronomers use the Earth as the Reference “Zero” of the Elliptic Plane.
- Notice Below the Slight Angular Deviation of the Planets with Respect to the Elliptic Plane, The Angles are quite small.
- Pluto is the Odd Ball of the Bunch, Partially why the Scientists in the Know call it a Keiper Object Versus a Planet,

Ecliptic plane & Orbital inclination

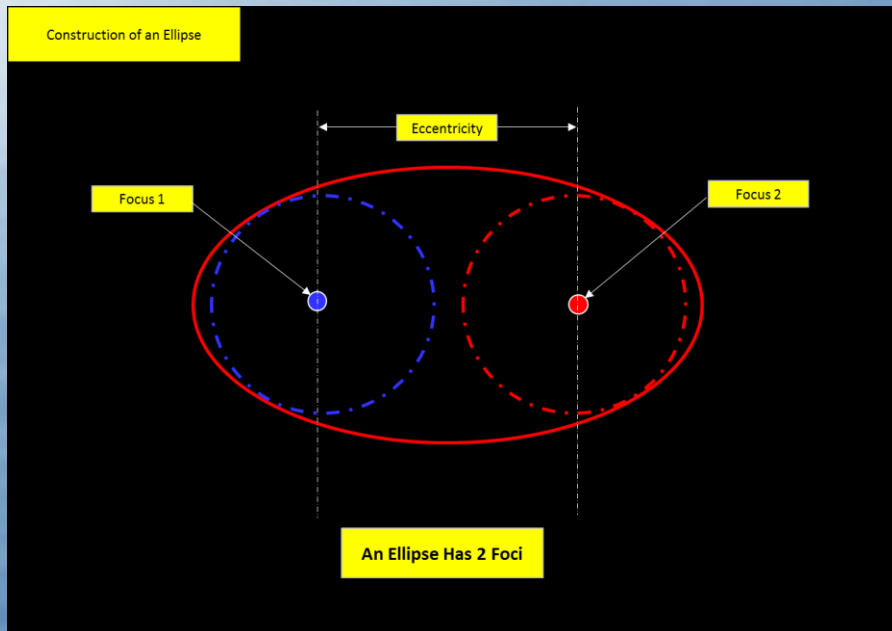
Body	Orbital inclination (θ)
Mercury	7.0
Venus	3.4
Earth	0
Mars	1.8
Jupiter	1.3
Saturn	2.5
Uranus	0.8
Neptune	1.8
Pluto	17.2



THE OBLIQUITY OF THE ECLIPTIC

- Understanding Eccentricity

- The Planets Orbit the Sun in an Elliptical Fashion, with the Sun as One Foci
- When you look at the Calculated Eccentricity, you find that in Astronomical Terms it is Incredibly Small, So Small the Orbit is Astronomically Almost Circular!
- The Extremely Small Distance Between Foci is all that is Needed to Generate our Seasons on Earth by driving the Heat Engine of the Atmosphere.

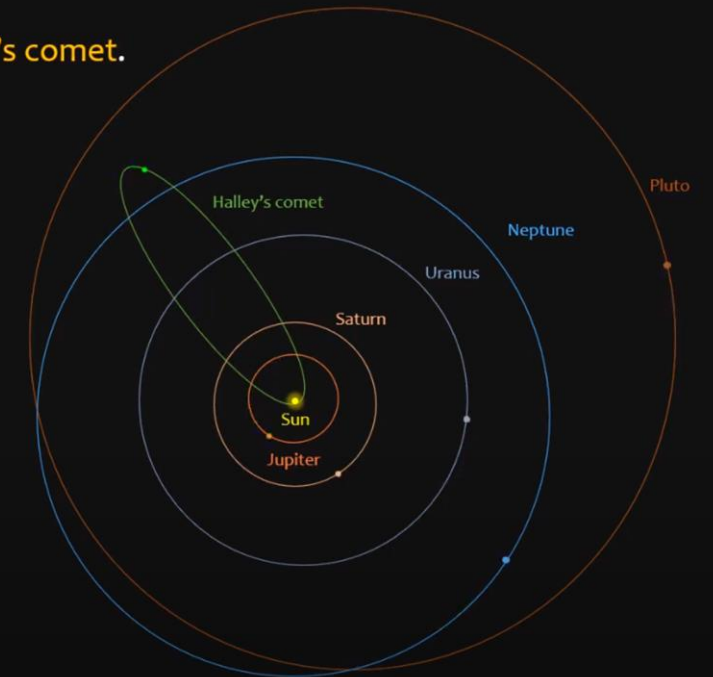


Eccentricity

Eccentricity of the **gas/ice giants, Pluto, & Halley's comet.**

Source: https://ssd.jpl.nasa.gov/planets/approx_pos.html

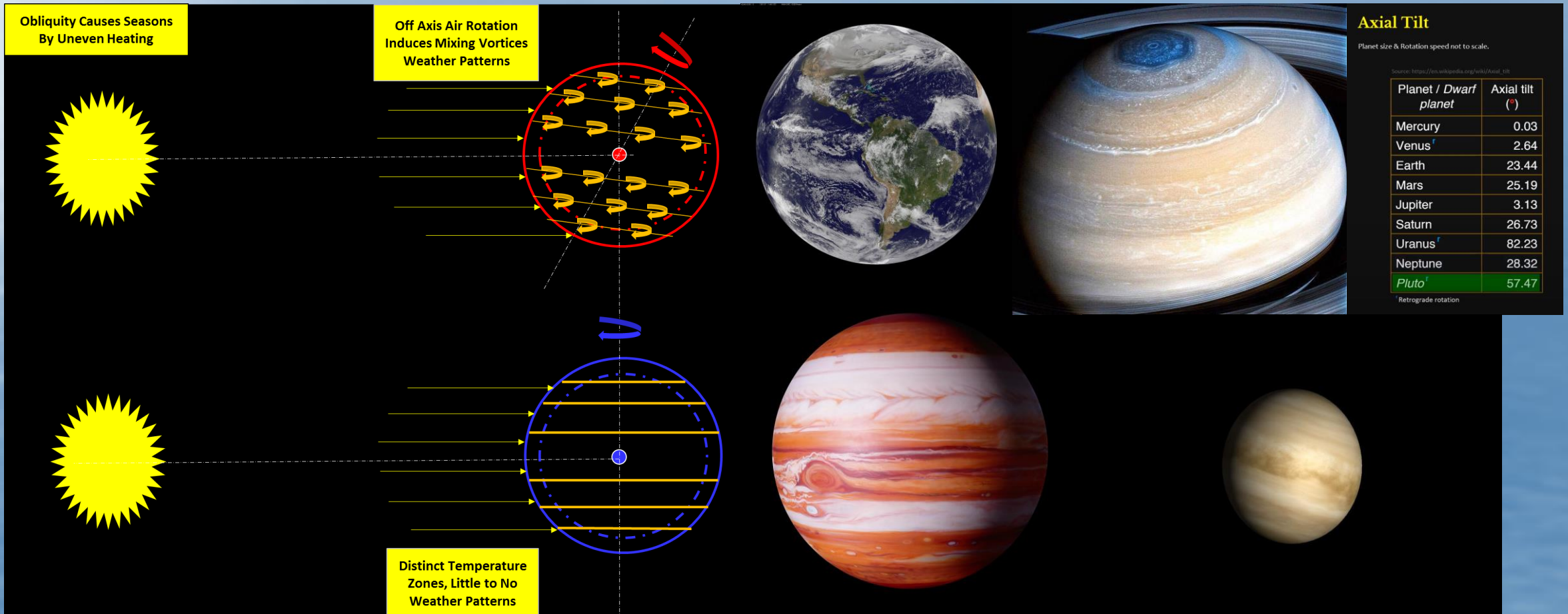
Low to high eccentricity	Solar System object	Eccentricity
1	Venus ^f	0.00676399
2	Neptune	0.00895439
3	Earth	0.01673163
4	Uranus ^f	0.04685740
5	Jupiter	0.04853590
6	Saturn	0.05550825
7	Mars	0.09336511
8	Mercury	0.20563661
9	Pluto ^f	0.24880000
10	Halley's comet ^R	0.96658000



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Obliquity Understand the Why

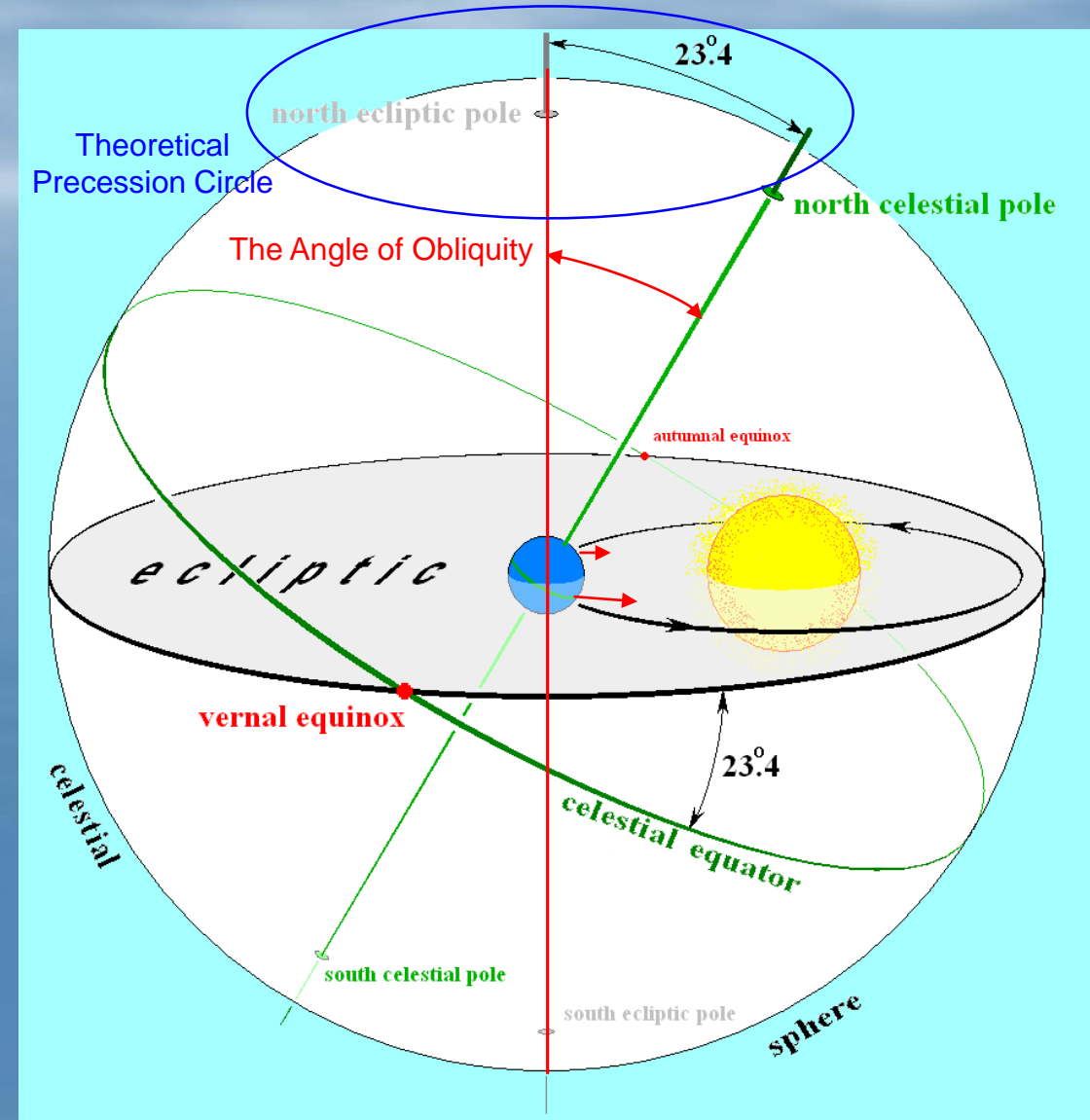
- God Did not Want a Dead Lifeless Planet, If the Sun's Rays Fall on a Planet which has Little to No Obliquity then You End Up with Stratified Layers of Atmosphere and Distinctive Layering ie Jupiter, Venus.
- Yet Those Planets with a Healthy Obliquity Because of the Viscosity of the Atmosphere Create Eddy Currents and Additional Circulation of the Atmosphere. The Closer to The Sun the More Pronounced the Effect.



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Modern Day

- **Prevailing Modern Theory:** Is that the Angle of Obliquity **Has Been Constant over Billions of Years**, this ***Assumption*** is followed by Modern Archeologists in Dating Ancient Civilizations.
- **Precession:** The Theoretical Complete Circle Inscribed by the Angle of Obliquity as Earth Rotates on the Elliptic Plane. It is caused by a dissimilar gravitation pull of the Sun on the Earth because the Earth is not a Perfect Sphere (Oblate Spheroid, **The Assumed Time by Modern Astronomers based upon a Constant Obliquity is 26,000 years**).
- The Truth is Much More Interesting, It turns out the Obliquity was **Not Constant!**



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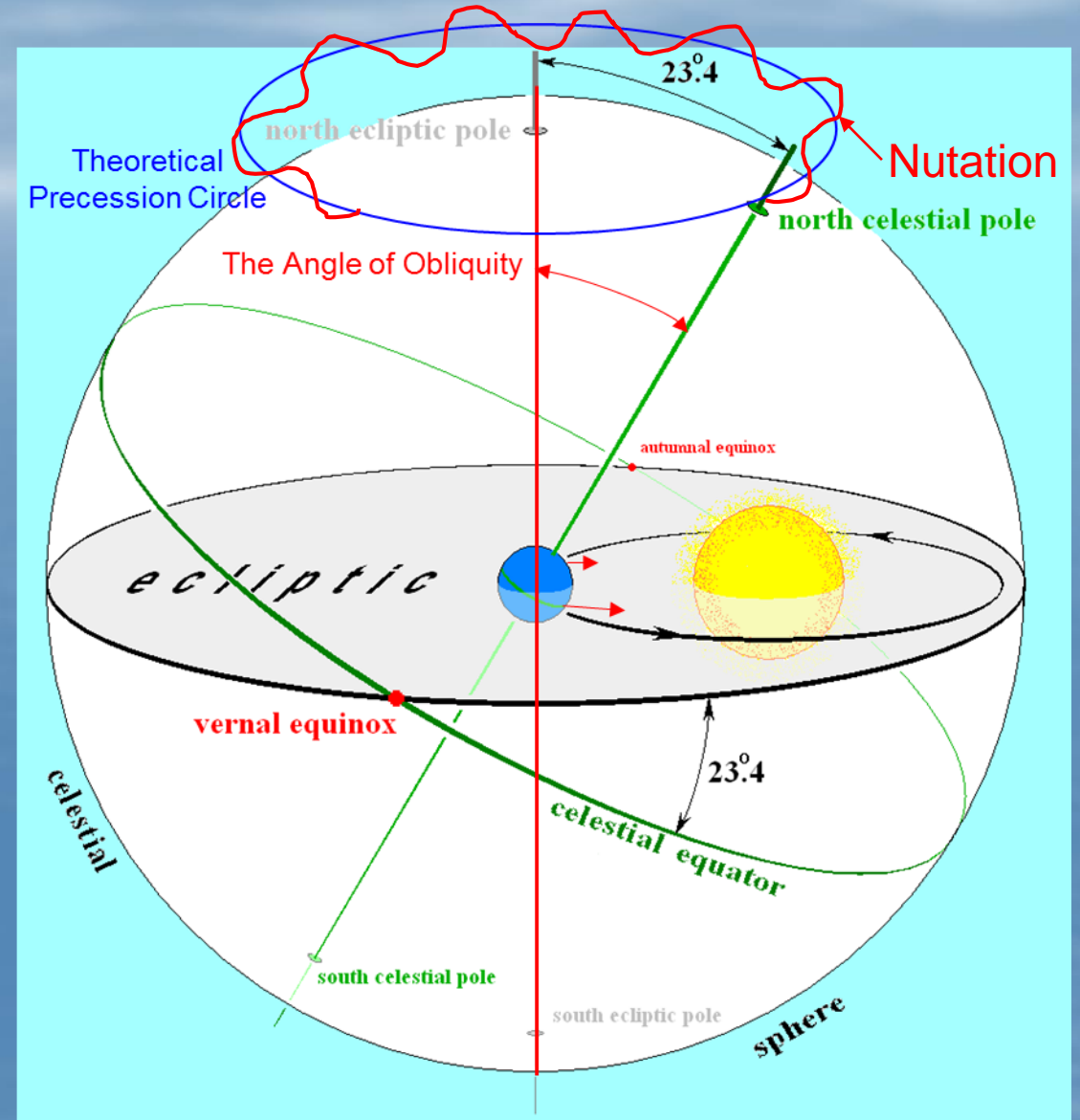
Attention to Detail

- When Reviewing Ancient Data Two Rules Need to be Considered
 - The Ancient Observer was not an Idiot, and His Gnomons are not Designed to Deceive
 - The Ancient Observer used the Highest Quality Tools Available to Him
- The Wendelin Manuscript: Belgian Astronomer Godefroid Wendelin had created a manuscript in it was a record of Obliquity as measured by various Astronomers over the centuries; Thales 558 BC, Eratosthenes 230 BC, Hipparchus 135 BC, Ptolemy 126 AD, Tycho Brahe 1587 AD, Wendelin himself in 1616 AD. **The Data Indicated a Change in the Obliquity with Time.**
- Dodwell's searched for a more Complete Explanation. By examining the Data and Imposing a Curve fit with a Higher **Correlation Coefficient**, Dodwell was able to determine the mathematical type of curve. It was an irregular Sine Curve. Specifically a logarithmic sine curve.
- In Plain English it was a mathematical curve depicting a upset to a steady state system which slowly decayed over time. The Date of the Upset was 2345 B.C. and the variation had virtually disappeared by 1850 A.D. So in between the dates the Obliquity varied episodically along a slowly decaying sine wave.

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What does this Mean?

- Well Observationally the Earth isn't just Precessing its Nutating.
- In Simple words, instead of the inscribing a Theoretical Perfect Circle because of the Dissimilar Gravitational Effect of the Sun, there is a wobble, a Logarithmically Decaying Sine Wave Forcing Function imposed on that Circle... It Wobbles over the "26,000" years.
- This is What Dodwell found by examining the Historical Record of North Pole Markers (Gnomons) of Ancient Civilizations.

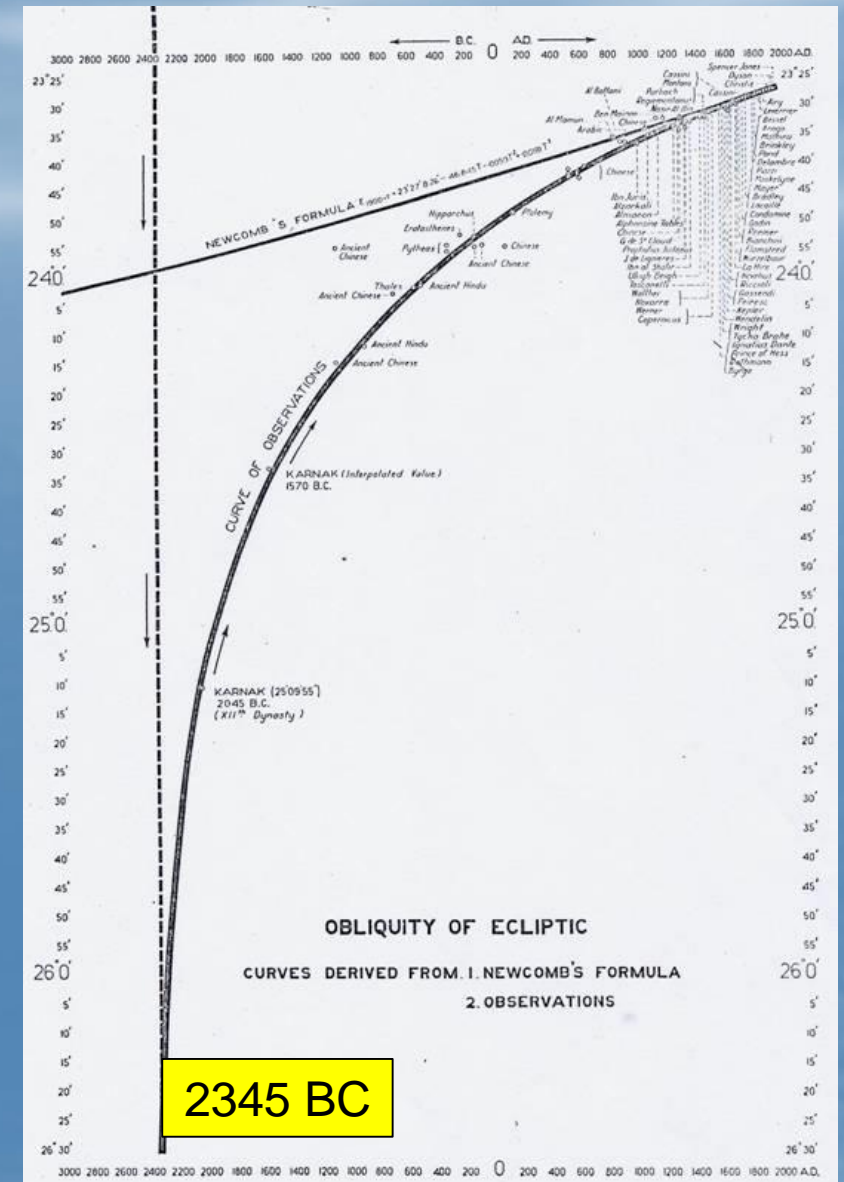


THE OBLIQUITY OF THE ECLIPTIC

- **Why does this Matter?**
 - **Who cares?**
 - I thought this was Church, Why are you showing me all these Astronomical Oddities? Great Question, the Simple Answer, to Strengthen your Faith!
 - **How?**
 - Well first from an Archeological Standpoint it helps us to Properly Date Ancient Civilizations, By Understanding the Exact Date of a Nation, Let us Take Egypt or Assyria for Example, It proves to you that the Scripture is the word of God, because it is the Truth, Now you can Place Egypt and Israel in a Historical Record.
 - Secondly, It Proves God is who he said he is Telling you the End from the Beginning, He offers you Physical Proof of his Deity.
- **Romans 1:20-21**
 - ²⁰ For the invisible things of him from the creation of the world are clearly seen, **being understood by the things that are made**, *even* his eternal power and Godhead; so that they are without excuse: ²¹ because that, when they knew God, they glorified *him* not as God, neither were thankful; but became vain in their imaginations, and their foolish heart was darkened.

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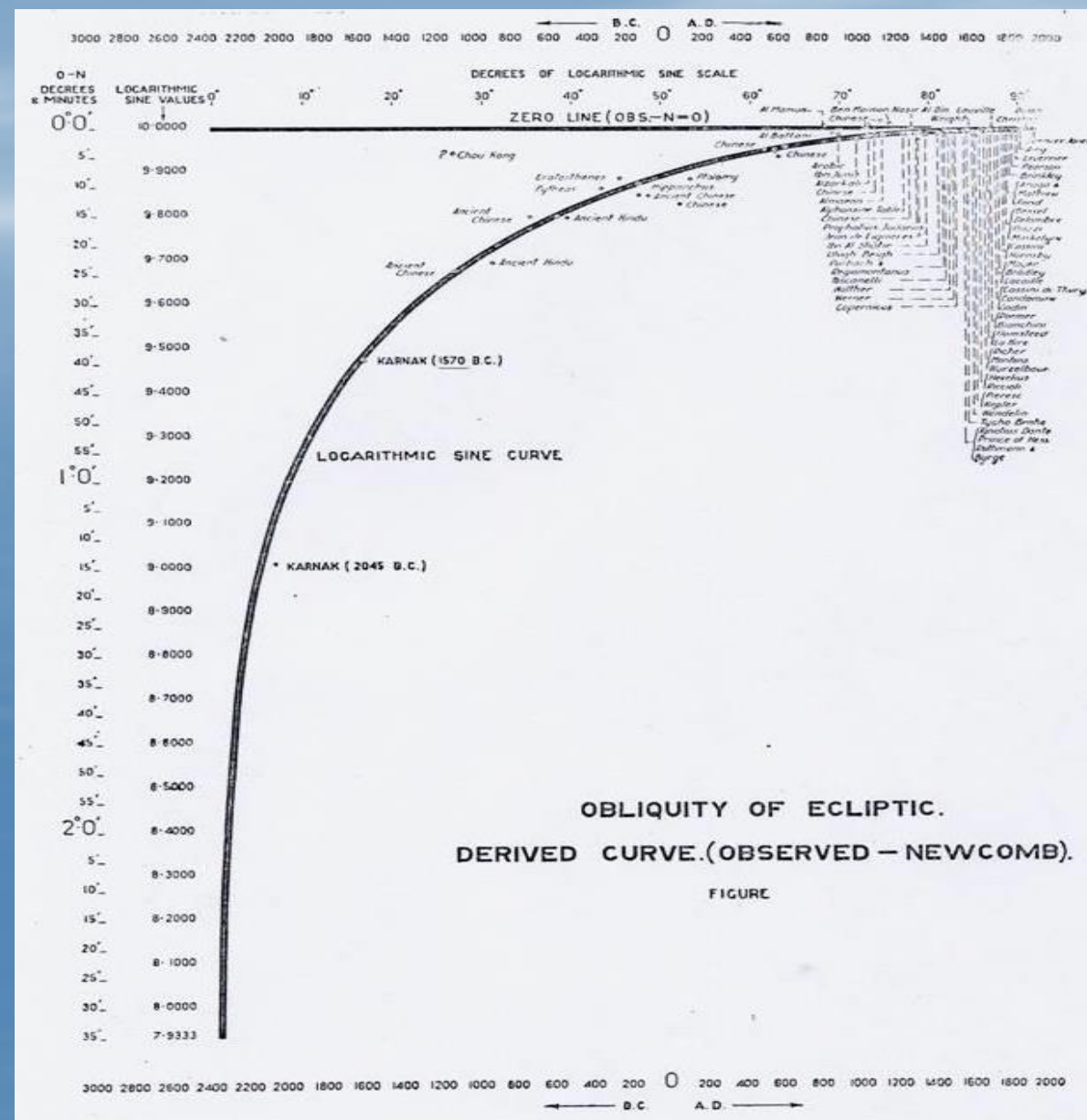
- **Variation of the Ecliptic the Competing Curves**
 - In the Figure at the Right Published by Dodwell we see his corrected logarithmic curve versus Newcomb's linearized curve.
 - There are more than 30 data points before 1000 A.D. which do not lie on Newcomb's linearized curve fit. You can clearly see as Dodwell observed that the farther back into history you go the greater the error until you arrive at 2345 B.C.
 - So Now We See the Effect of the Improper Data Reduction Error has Upon the Modern Archeology, and for that Matter Astronomy.
 - If Scientists Use the Linear Curve Fit of Newcomb it will lead you to believe that the Earth is much more stable than it really is and that Civilizations are much Older than they really are! It Skews the Historical Record and Places Biblical Truth in Doubt.



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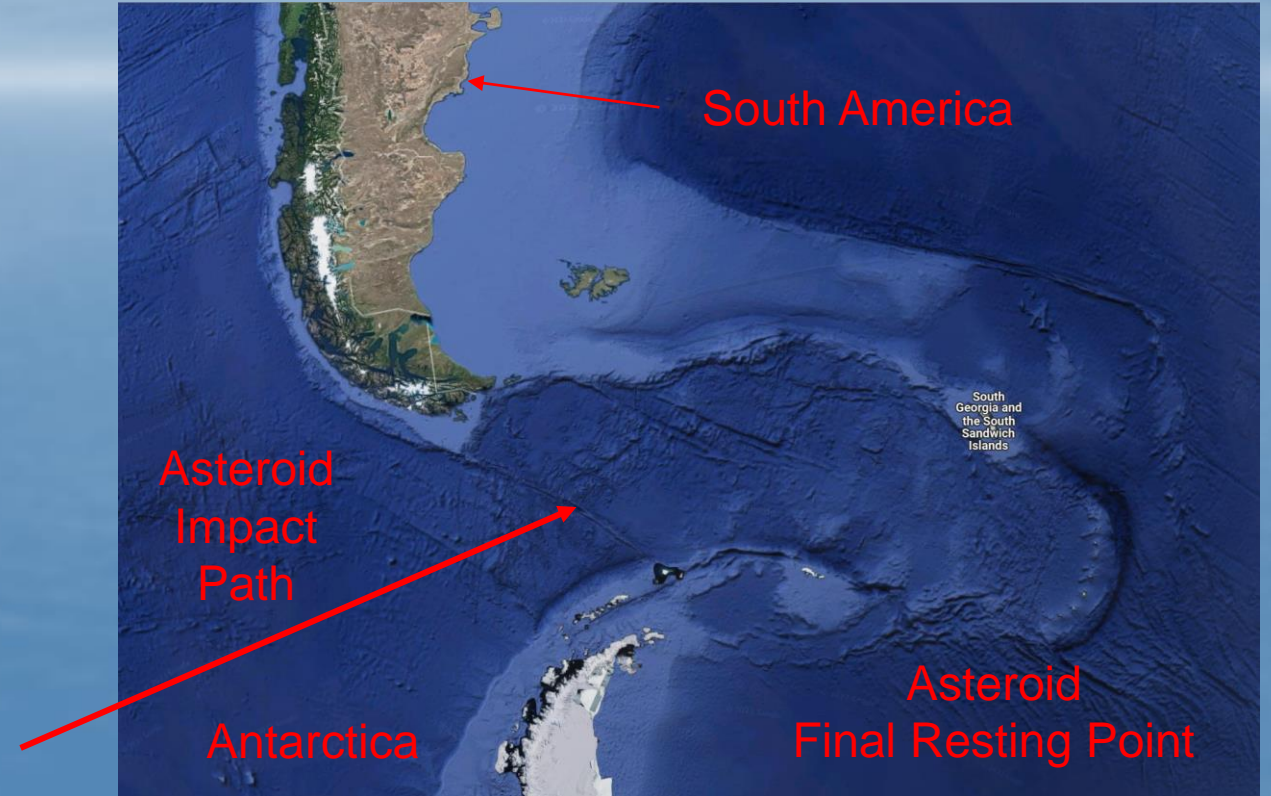
A Closer Look At the Correct Curve Fit

- The Data Shows a very precise correlation to the Curve Derived by Dodwell. This Curve is a Decaying Logarithmic Sine Curve.
- In Simple Terms in Order to be a Decaying Curve it Implies that there was Some Force That Upset the Earths Normal Inclination to set it Wobbling (Nutating) About its Axis of Rotation.
- Is There Anything in the Historical or Biblical Record That Occurred At the Point of the Start of the Curve in 2345 BC? ...YES... THE FLOOD!



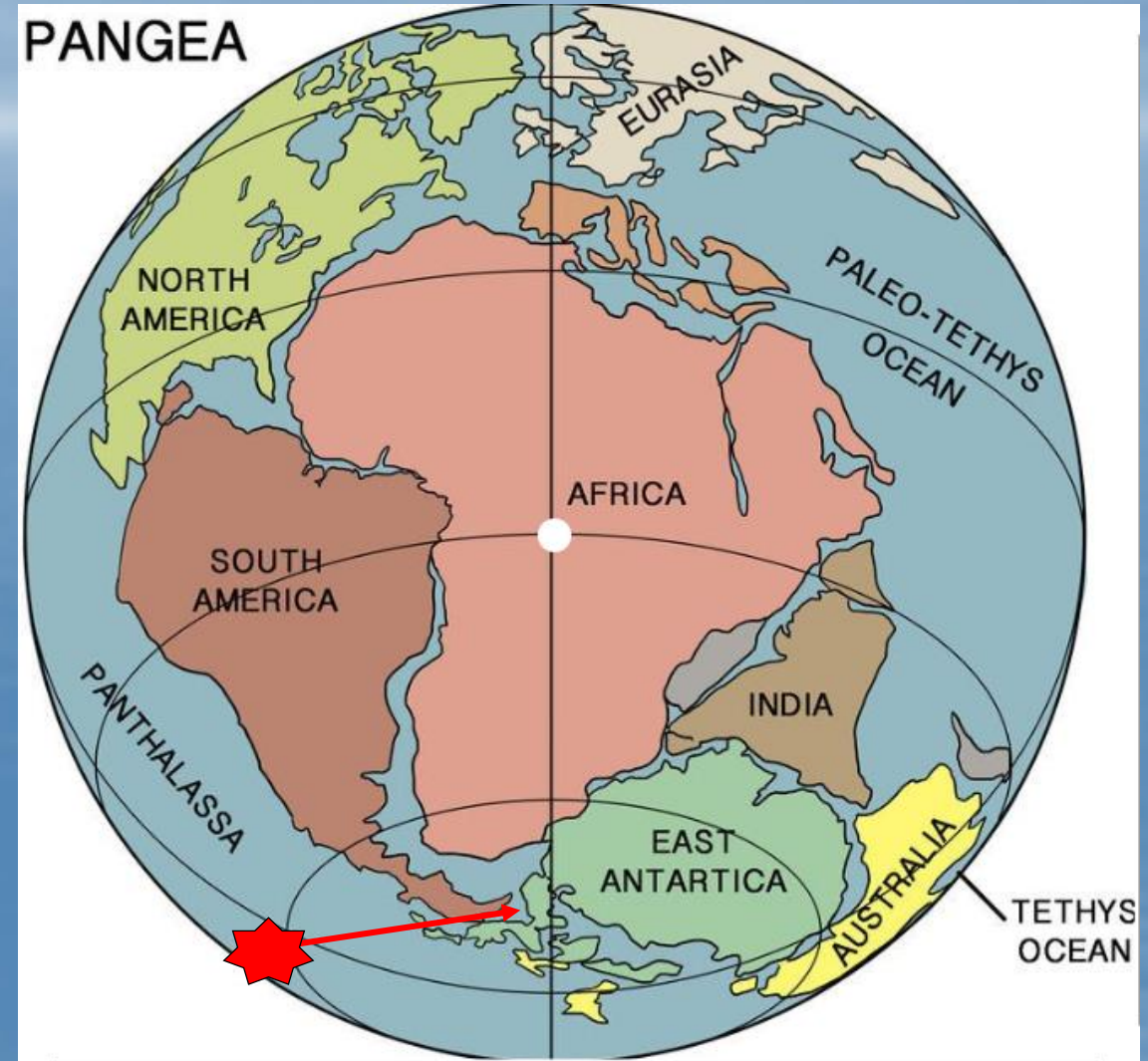
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- A Very Large Impact As Causation
 - In Order for Dodwells Observations to be Confirmed There Must be Physical Evidence on The Earth of a Very Large Impact in the Southern Hemisphere to Induce a Nutation in the Earths Rotation.
 - Like a Massive Asteroid Strike in the Ocean Perhaps?
 - Well Lookie Here, In Our Godless Age God has Managed to Give Us Tools with Which We Can Prove His Version of Events and Cast Complete Doubts on the Devils Story and Throw Egg on the Face of The Modern Archeologists.



THE OBLIQUITY OF THE ECLIPTIC

- What Did the Pre-Flood Earth Look Like?
 - Really Good Question, Modern Day Scientists Professing to Believe in Plate-Tectonics Created Our Best Estimate of Something they Called Pangea.
 - Now When you Combine Dodwells Observations, with the Biblical Account where the Deeps of the Earth were Broken Up, It starts to make a lot of Sense, That a Very Large Asteroid Impact Circa 2345 BC Started the Plate-Tectonics we see Today.
 - Scientists will say you can't prove it? Really The Astronomical Data, The Huge Hole in the Sea Floor, **What Other Evidence is Required? Seriously?**



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Astronomical Dating

- Dodwells Dating Agrees within One Year of the Biblical Record.
- Adjusting the Modern Day Calendar to God's Absolute Calendar Gives Us Some Interesting Information

Biblical Account In the Book of Genesis				Absolute Birth Date	Absolute Year of Death	Modern Dates		
Father	Age at Birth	Son	Age at Death	0		4001	BC	1 year Error
Adam	130	Seth	930	130	930	3275	BC	↑ ↓
Seth	105	Enos	912	235	1042	3387	BC	
Enos	90	Cainan	910	325	1145	3490	BC	
Cainan	70	Mahalaleel	895	395	1220	3565	BC	
Mahalaleel	65	Jared	800	460	1195	3540	BC	
Jared	162	Enoch	962	622	1422	3767	BC	
Enoch	65	Methuselah	365	687	987	3332	BC	
Methuselah	187	Lamech	969	874	1656	4001	BC	
Lamech	182	Noah	777	1056	1651	3996	BC	
Noah	500	Shem, Ham, Japeth	Triplets	1556			BC	
		Noahs Age At Flood		600			BC	
				1656	Start of Flood	2345	BC	+/-1 Error
				1657	End of flood	2344	BC	
				1833	Noahs Death	2168	BC	
				2918	Israel in Egypt	1083	BC	
				3318	Exodus	1483	BC	
Sources of Passover Wed Occurance				4000	Birth Of Christ	-2.5	BC	-1
April 8 27 AD				4033.5	Death of Christ	31	AD	32.5
Wed Apr 28 28 AD								
Wed Apr 25 31 AD								
Note* Scholars Don't Agree on the Calendar				6025	Today's Roman Year	2024		
				2000	AGE of Grace			Roman Year Error Potential
				6026.5	Rapture/Tribulation	2024.5	<7>	2025.5
					Start of 2300 Days	2025.25		2026.25
				6030.5	Rapture/Tribulation	2028	<3.5>	2029
				6033.5	Return of Christ	2031.5	AD	2032.5

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Corrected Based On Dodwells Obliquity Calculations

