

# THE IMPERIAL STORY POLE OF TIME

*Three Numbers. Five Constants. You Decide.*

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## I. What This Paper Shows

This paper is a side-by-side comparison. On one side: the celestial measurements published by three governing institutions — NASA (National Aeronautics and Space Administration), the IAU (International Astronomical Union), and NIST (National Institute of Standards and Technology). These are the bodies responsible for determining the size, speed, and distance of celestial bodies used worldwide. Their figures were produced using satellites, space probes, atomic clocks, and billions of dollars of public funding over decades.

On the other side: a set of numbers derived by Gregory Marc Russell using simple arithmetic and a system called Sonus Gematria, found in the Pool of the Black Star — Euclidean base-6 time-space geometry. No instruments. No funding. A calculator.

Both systems arrive at the same measurements.

Sonus Gematria begins where everyone begins. A day is 24 hours — that is 86,400 seconds. A circle is 360 degrees. You learned both of these in primary school. One measures time. The other measures space. From these two numbers alone, everything that follows is derived.

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$$360^\circ \div 86,400 \text{ seconds} = 240 \text{ seconds per degree}$$

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## II. The Arithmetic

Divide the day into three equal arcs of 120 degrees.

| Step | Operation             | Result                        | Label                               |
|------|-----------------------|-------------------------------|-------------------------------------|
| 1    | $86,400 \div 3$       | <b>28,800</b>                 | <i>Seconds per 120°</i>             |
| 2    | $28.8 \times 864$     | <b>24,883.2</b>               | <i>Earth circumference (miles)</i>  |
| 3    | $28.8 \times 36$      | <b>1,036.8</b>                | <i>Earth rotational speed (mph)</i> |
| 4    | $288,000 \times 324$  | <b>93,312,000</b>             | <i>Earth-Sun distance (miles)</i>   |
| 5    | $93,312,000 \div 500$ | <b>186,624</b>                | <i>Speed of light (mi/s)</i>        |
| 6    | $864 \times 1,000$    | <b>864,000</b>                | <i>Sun diameter (miles)</i>         |
| 7    | $864 \times 2$        | <b>1,728 = 12<sup>3</sup></b> | <i>The perfect cube</i>             |

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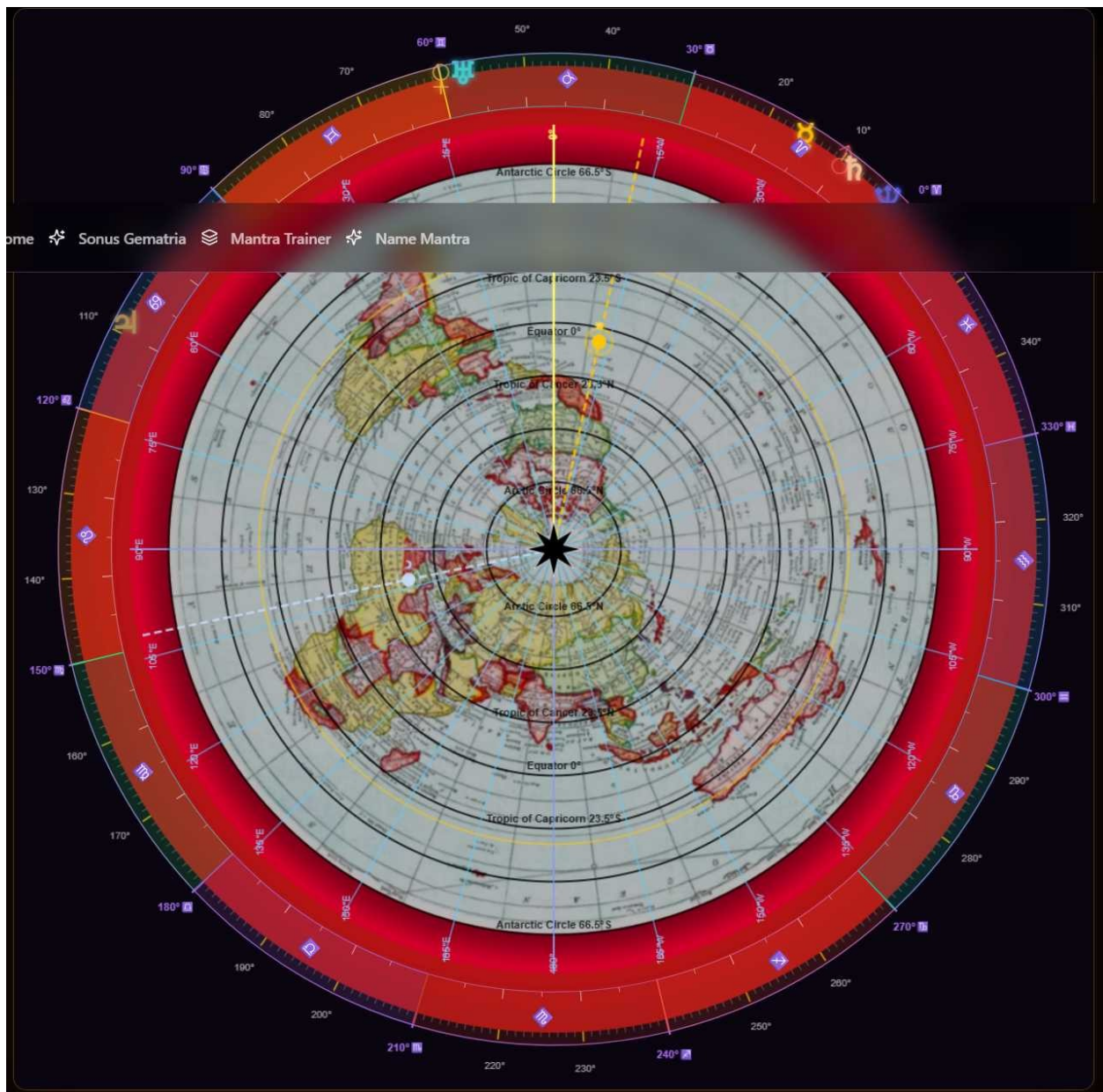
## III. The Comparison

Now place these results beside the institutional measurements published by NASA and the international scientific community.

| <b>Measurement</b>               | <b>Story Pole Result</b> | <b>Institutional Value</b> | <b>Source</b> | <b>Match</b>  |
|----------------------------------|--------------------------|----------------------------|---------------|---------------|
| Earth circumference (equatorial) | 24,883.2 mi              | 24,901.5 mi                | NASA          | <b>99.93%</b> |
| Earth rotational speed (equator) | 1,036.8 mph              | 1,037.6 mph                | NASA          | <b>99.92%</b> |
| Earth-Sun distance               | 93,312,000 mi            | 92,955,807 mi              | IAU           | <b>99.62%</b> |
| Speed of light                   | 186,624 mi/s             | 186,282 mi/s               | NIST          | <b>99.82%</b> |
| Sun diameter                     | 864,000 mi               | 864,576 mi                 | NASA          | <b>99.93%</b> |

*Five physical constants. All derived from three numbers: 360, 86,400, and 864. All within a fraction of one percent of the values measured by modern instruments.*

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*The Pool of the Black Star — Polar Azimuthal Equidistant Projection. Sonus Gematria app, [sonusgematria.org](http://sonusgematria.org).*

## IV. The Instrument

The numbers are on the table. Here is the instrument that puts them to use.

The Pool of the Black Star is a polar azimuthal equidistant projection — a map centered on the north celestial pole. The Black Star sits at the center. Latitude circles radiate outward as concentric rings: the Arctic Circle, the

Tropic of Cancer, the Equator, the Tropic of Capricorn, the Antarctic Circle. The 360 degrees of the circle mark the circumference, with the twelve signs of the zodiac positioned at 30-degree intervals around the edge.

On this projection, every celestial body reduces to two coordinates: a degree on the circumference — which sign it occupies — and a distance from center — its declination, how far north or south of the equator. Position is a point on a radius line from the Black Star. Nothing else is needed.

### **The Sun's Annual Path**

The analemma — the figure-8 the sun traces over the course of a year — is not a distortion. It is real and observable from the ground. On the Pool of the Black Star, it can be tracked with equal precision. The sun's radial position shifts between the Tropic of Cancer at the summer solstice and the Tropic of Capricorn at the winter solstice, while its degree on the circumference advances through the signs. The combination of these two motions — radial oscillation and circumferential advance — produces the figure-8 directly on the map, just as it appears in the sky. No correction is needed. The map tracks what is there.

### **Eclipses**

An eclipse occurs when the sun and moon occupy the same degree on the circumference and the same radial distance from center — they converge on the same point on the map. The lunar nodes — the points where the moon's path crosses the sun's path — will be placed directly on the map, making eclipse windows visible as the bodies approach alignment. This is an ongoing study and observation. On the Pool of the Black Star, you can watch the alignment build in real time. Participants are welcome.

## **Sunrise and Moonrise**

The degree at which the sun or moon sits on the circumference corresponds directly to where it rises and sets on the horizon. The position is readable from the map. No conversion tables. No ephemeris.

## **Moon Phases**

The angular separation between the sun and moon on the circumference determines the phase. Zero degrees separation is a new moon. 180 degrees is a full moon. 90 degrees is a quarter moon. The phase is geometry — readable directly from the positions on the map.

## **The Moon's Latitude Arc**

The moon overshoots the tropics. It travels further north and south than the sun, entering the zone between the Tropic of Cancer and the Arctic Circle. On the Pool of the Black Star, this overshoot is immediately visible — the moon moves closer to the Black Star at center than the sun ever does. The moon's unique latitude behavior, which requires tables and calculations on a conventional model, becomes visually obvious on a single glance at the map.

The projection does not add anything. It removes what is unnecessary. The bodies move on radius lines from a center point through 360 degrees. That is what the numbers produce. That is what the instrument shows.

Astrology, at its root, is orientation — knowing where the bodies are, where they are going, and what their positions produce. This paper brings it home. Not to mysticism, not to interpretation, but to orientation — where it is understood through simple, coherent, resonant information.

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## V. The Number 864

- **86,400** seconds in one day
- **864,000** miles — the diameter of the sun
- $864 \times 2 = \mathbf{1,728} = 12^3$  — the perfect cube
- $86,400 \div 1,728 = \mathbf{50}$  — a clean integer
- The number embeds in the measurement of time (seconds per day) and the measurement of the sun (diameter in miles) simultaneously

The same number governs the duration of the day and the physical size of the sun. This is either the most remarkable coincidence in the history of measurement, or it is not a coincidence.

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## VI. The Gematria Key

In the base-6 gematria system (Sonus Gematria), each letter is assigned a value based on its ordinal position multiplied by 6. The word is the sum of its letters. The following values are relevant to the derivations above.

| Word          | Base-6 Gematria Value | Role in Derivation                                     |
|---------------|-----------------------|--|
| <b>Sun</b>    | 324                   | $288,000 \times 324 = 93,312,000$ (Earth-Sun distance) |
| <b>Moon</b>   | 342                   | Celestial counterpart                                  |
| <b>Cross</b>  | 444                   | Cross = Energy   |
| <b>Energy</b> | 444                   | Cross = Energy   |
| <b>Christ</b> | 462                   | Christ = Power   |
| <b>Power</b>  | 462                   | Christ = Power   |

| <b>Word</b>        | <b>Base-6 Gematria Value</b> | <b>Role in Derivation</b>   |
|--------------------|------------------------------|-----------------------------|
| <b>Stone</b>       | 438                          | Stone = Sound = Kingdom     |
| <b>Sound</b>       | 438                          | Stone = Sound = Kingdom     |
| <b>Kingdom</b>     | 438                          | Stone = Sound = Kingdom     |
| <b>Mary</b>        | 342                          | Mary = Moon = Pineal        |
| <b>Pineal</b>      | 342                          | Mary = Moon = Pineal        |
| <b>Human Voice</b> | 666                          | —                           |
| <b>Humanity</b>    | 666                          | Human Voice = Humanity      |
| <b>Magnet</b>      | 360                          | Full turn — complete field  |
| <b>Resistance</b>  | 678                          | North node — crossing point |

The gematria value of "Sun" — 324 — is not an interpretation. It is the arithmetic sum of the letter values. When multiplied by 288,000, it produces a number within 0.38% of the measured Earth-Sun distance. The word carries the number. The number produces the measurement.

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## VII. The Derivation Map

$$360^\circ \div 86,400 \text{ sec} = 240 \text{ sec/degree}$$

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$$86,400 \div 3 = 28,800 \text{ seconds per } 120^\circ$$

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$$28.8 \times 864 = \mathbf{24,883.2} \rightarrow \textit{Earth Circumference (99.93\%)}$$

$$28.8 \times 36 = \mathbf{1,036.8} \rightarrow \textit{Earth Speed (99.92\%)}$$

↓

$$288,000 \times 324 = \mathbf{93,312,000} \rightarrow \textit{Earth-Sun Distance (99.62\%)}$$

$$93,312,000 \div 500 = \mathbf{186,624} \rightarrow \textit{Speed of Light (99.82\%)}$$

↓

$$\mathbf{864} \times \mathbf{1,000} = \mathbf{864,000} \rightarrow \textit{Sun Diameter (99.93\%)}$$

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These are the numbers.

Every operation above can be verified with a calculator.

The information in this paper brings astrology home to orientation.

**You decide what they mean.**

*It is advised to print this information, carve it in stone, or bury it under a tree — because once detected, this information may not be seen again by human eyes for another 2,000 years.*