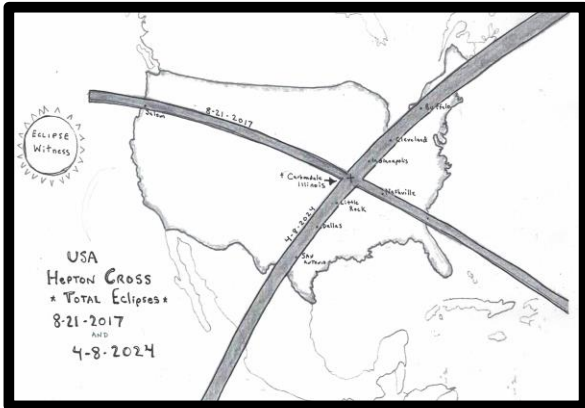


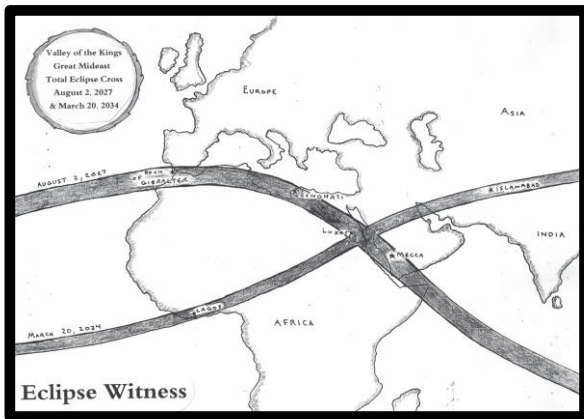
Chapter Ten:

# **World Total Eclipses from 1900 to 2034 In 19 Year Metonic Maps**

Now we'll begin to survey some eclipse history to see if the current Total Crosses are peculiar. Most people don't have any idea as to the frequency of solar eclipses. I sure didn't. First, let's quickly review the crosses that are coming up. Two balanced cross patterns are created by the current Hepton Monday Total Eclipse Series.



Above: USA 2017 and 2024



Above: Mideast 2027 and 2034

They appear together on a map in the image below, four total eclipses, all on Mondays: 2422 days separate the eclipses within each cross. Between last USA eclipse and first Mideast eclipse is 1211 days, or half of 2422.



Above: Hepton Crosses of 2017 to 2034

## Is that Peculiar?

To roughly determine the peculiarity exhibited by the two crosses of 2017/2024 and 2027/2034, we will first survey maps of all total eclipses on planet earth since the year 1900.

## Are such True Hepton Total Crosses with an apex over land common or peculiar?

A Hepton Total Cross is two total eclipses exactly seven eclipse years apart (2422 days) which occur on the same day of the week. While the focus of this chapter's overview is on True Total Hepton Cycle crosses, we will also see lots of crosses which are not Heptons. There's also a couple that are Hepton crosses but in which one of the eclipses is a Hybrid, not a total.

I am not doing this as some trivial exercise. I maintain that the Hepton Cycle is the Maximum Expression of the eclipse phenomenon, which is in turn the maximum expression of the proof of the sovereignty of God. I believe they signal a message to earth. The full mapping of the modern Hepton Cycle occurs later in the book.

These maps represent time frames separated into natural 19-year Metonic Cycles. These have been established by simply going back in time from our current Spring Equinox Metonic of 2015 to 2034 to cover each 19-year period prior. The first period only covers 14 years, so as to start directly at 1900.

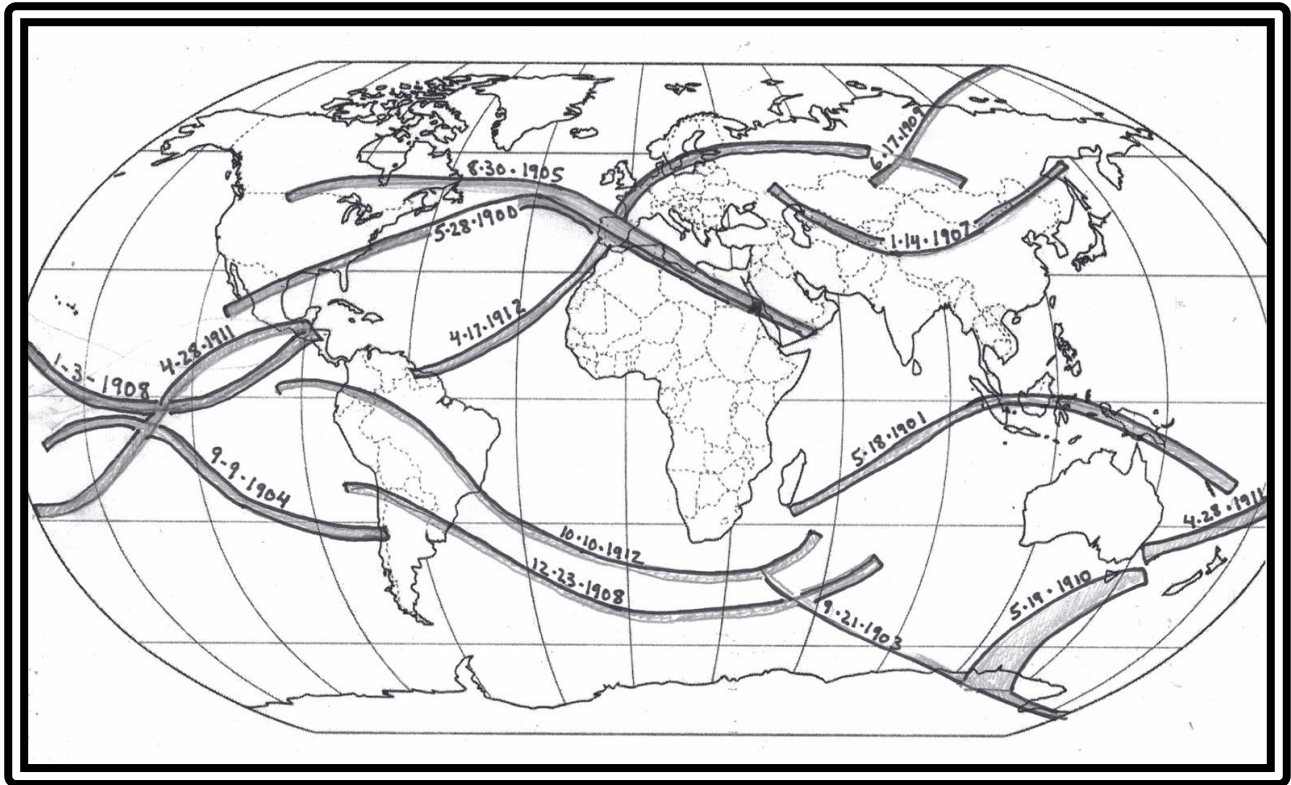
The organization of the eclipses into time frames is important for visual clarity. This presents a problem. If we are looking for crosses over 7-year periods, it's possible that crosses occur between periods, thus making some crosses not represented. Yes. I try and deal with this issue in the Hepton Chapter by mapping only Hepton Eclipses over the same period of time. I assure you that I did not find any overland true Total Hepton Crosses that cross over from one mapped period to the next. I am not leaving anything unmapped to make my point. God is making His point quite clearly.

Of all 26 complete eclipses in our current cycle, only seven are total Hepton eclipses.

I emphasize in this work crosses which occur in ***eight years or less*** apart. But other crosses occurring between eclipses much further apart in time will also appear on the maps. Given enough time, crosses appear almost everywhere. For clarity and rationality, a cross that is 17 years apart is not as interesting as one that appears three or seven years apart.

This chapter is intended to look at all total eclipses between 1900 and 2034 to determine one thing: do interesting crosses happen all the time? Are Total Hepton Crosses just another common phenomenon?

Let's look at all total eclipses of the last 120 years. It's a good opportunity to examine the crossing phenomenon in general, and the Hepton Cross in particular.



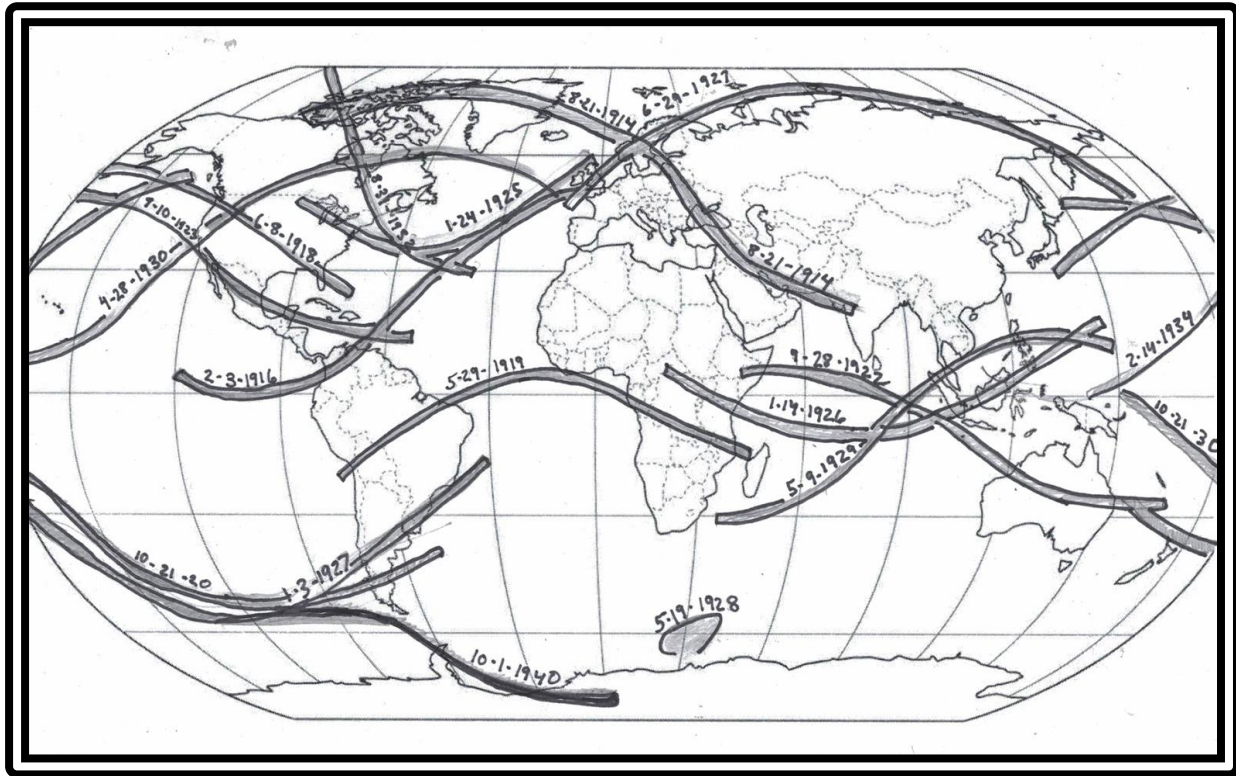
## All Total Eclipses from 1900 to 1913 (includes Hybrids)

There were 12 total eclipses in this time frame and two hybrids.

Right off the bat, there are two Hepton Crosses...

- One is on the left side of map, part of a Hepton Swarm between 1904 Sep 9 and 1911 Apr 28, This is a True Total Hepton Cross with apex over open Pacific Ocean. The three eclipses barely touch any land, all of them ending on coasts of Central and South America.
- The other Hepton Cross is one of the most stunning examples in the whole survey outside of the ones we are currently experiencing. It's in the direct upper middle of map, part of three eclipses crossing Spain in 12 years. It's composed of the 1905 Egypt/Mecca and 1912 Titanic eclipse. The 1912 Titanic Eclipse is a Hybrid (with much of the path not creating totality), so it's **not** a True Hepton Total Cross like our current ones. Still, obviously a very interesting Hepton Cross occurs just before the first world war with apex in Spain.
- The three eclipse swarm over Spain abounds with interesting relationships discussed elsewhere.
- Non-Hepton intersections include 1909/1912 in Russia and 1903/1908 in Antarctic Ocean

Conclusion: No True Hepton Total Crosses over land, though great cross over Europe



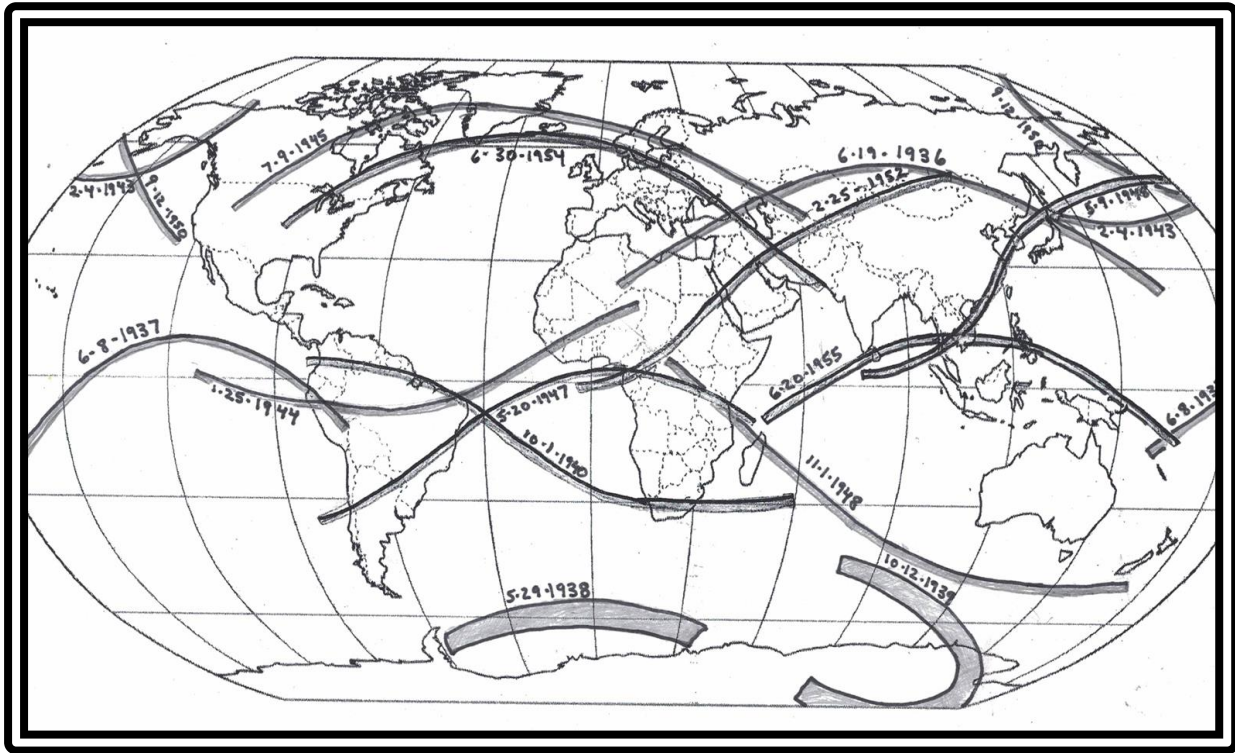
## All Total Eclipses 1914 to 1935

**Eclipse Swarm over North America. 19 Total Eclipses on earth during time frame.**

Catalog of crosses which occur in less than eight years:

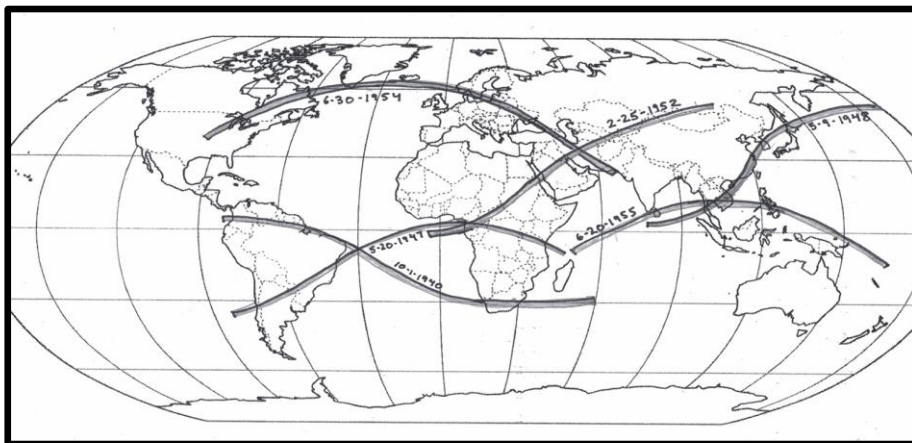
- True Total Hepton Cross lower right of map 1922 Sep 21 (mistakenly marked Sep 28) and 1929 May 9 with apex in Indian Ocean. Makes cool weaved symbol with 1926 Jan 14 Hepton, which occurs at precise mid-point between the other Heptons. Apexes of all occur in Ocean.
- Intersection in lower right off coast of South America comes from author accidentally including the 1927 Jan 3, which was a ring of fire. The European cross is a full 13 years apart.
- Hepton Cross upper left between 1923 Sep 10 Eclipse and 1930 Apr 28 San Francisco Hybrid. Has an intersection in the Pacific a few hundred miles off the coast of California. Not a true Total Hepton Cross. The San Francisco was a hybrid with only a kilometer of totality. The other apparent US cross (1918 and 1930) is 12 years apart.
- The 1925 Jan 24 NYC and 1932 Aug 31 New England intersect in the Atlantic. They are an Octon (7 years, 7 months and 7 days). 1916 and 1923 eclipses also make an Octon Cross in the Caribbean. 1930 and 1932 North American eclipses make an 856-day cross in Canada.
- Other intersections are more than 8 years apart. Most of Eurasia does not see a total eclipse.

Conclusion: No true Total Hepton Crosses over land during this time frame



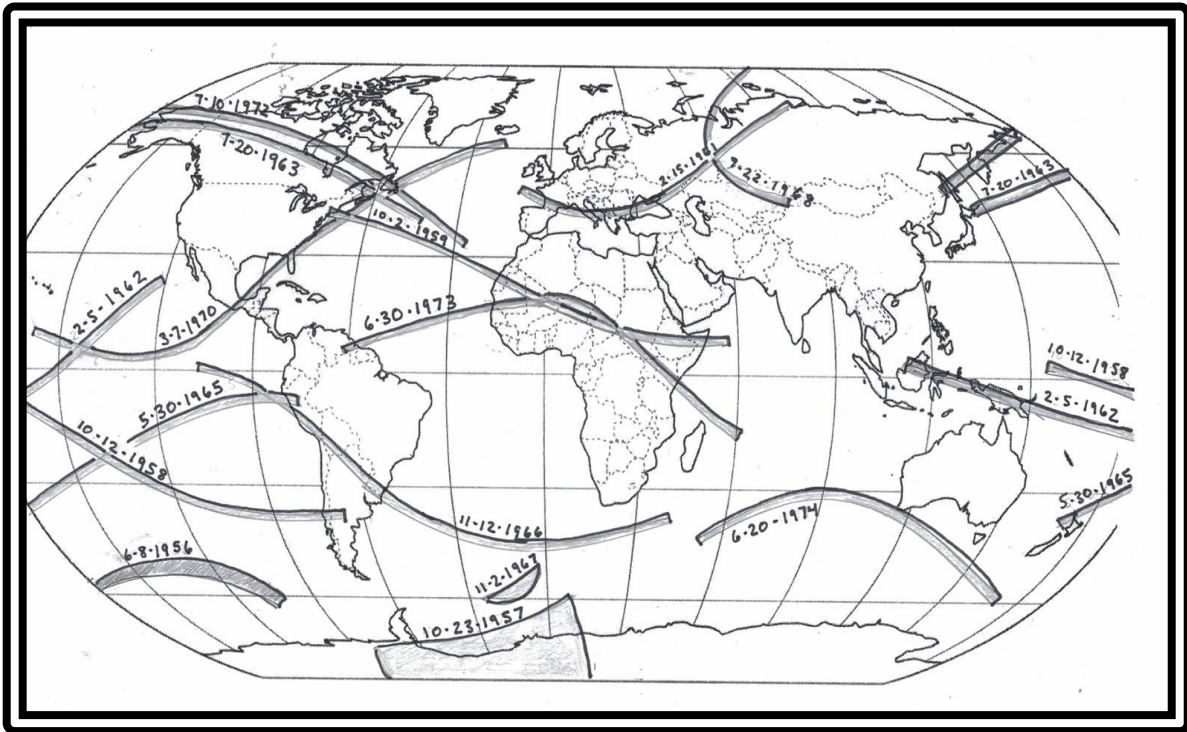
### All Total Eclipses 1936 to 1955

- Crosses include: The Shahrud Iran Cross of 1952 and 1954. Two totals of Southeast Asia Eclipse Swarm, 1948 and 1955 with Bangkok in the apex. An Octon Cross in upper left of map between 1943 and 1950 off coast of Alaska. Three eclipses make an unusual pattern in Africa between 1947 and 1952. This pattern inversely reappears over Spain 2026 to 2028.
- In all, two Hepton Pairs touch each other. One (1937 and 1944) meets in an awkward intersection over Northern Peru, near headwaters of the Amazon River. The other is a True Total Hepton Cross, with an apex in the Atlantic several hundred miles east of Brazil.



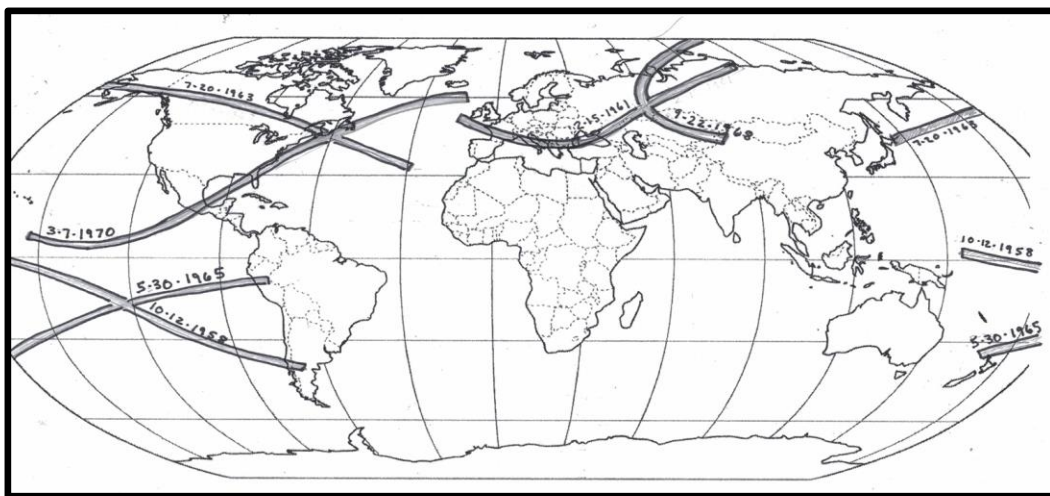
Three of the Crosses Highlighted

**Conclusion:** Only one true Total Hepton Cross, with apex over open ocean-this time off Brazil.



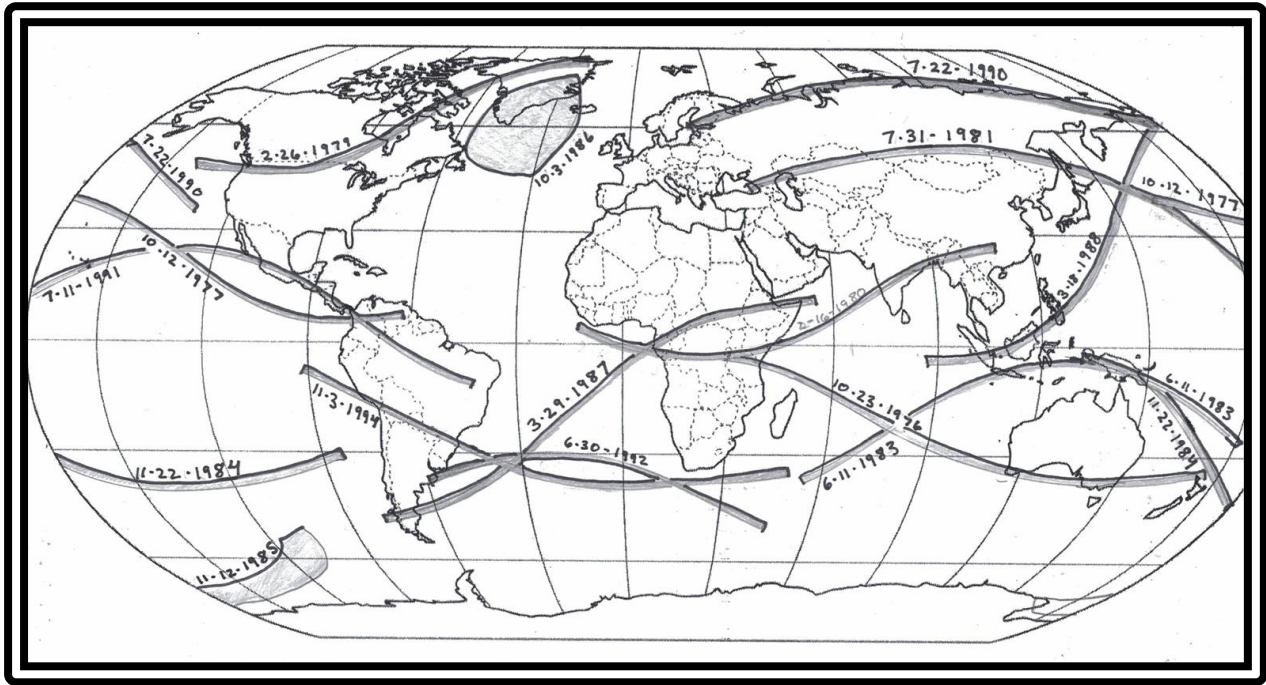
### All Total Eclipses 1956 to 1975

- Most obviously significant cross is unusual Octon Trident Cross over USSR between 1961 and 1968. Apex near city of Ufa in Southern Russia, on the west side of Ural Mountains.
- There's one intersection off western South America (1965 and 1966) and in Pacific between 1962 and 1970. In general, a peculiar lack of land sees eclipses of this time frame.
- Hepton Total intersection between 1963 Jul 20 and 1970 Mar 7 “sixties eclipses”, both of which touch the USA, but with apex several hundred miles off coast of Maine. These are Saros 145 and 139 which bring the USA Hepton Cross of 2017 and 2024. Also, True Total Hepton Cross over open ocean: 1958 and 1965 in lower left map over southern Pacific



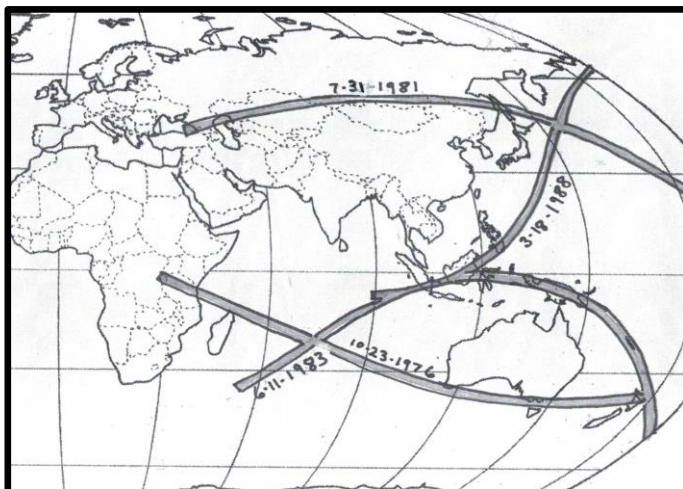
**Crosses of 1956 to 1975 Highlighted**

Conclusion: Two Total Hepton Crosses. Both intersect over ocean again. Octon Cross over USSR.



## All Total Eclipses 1976 to 1995

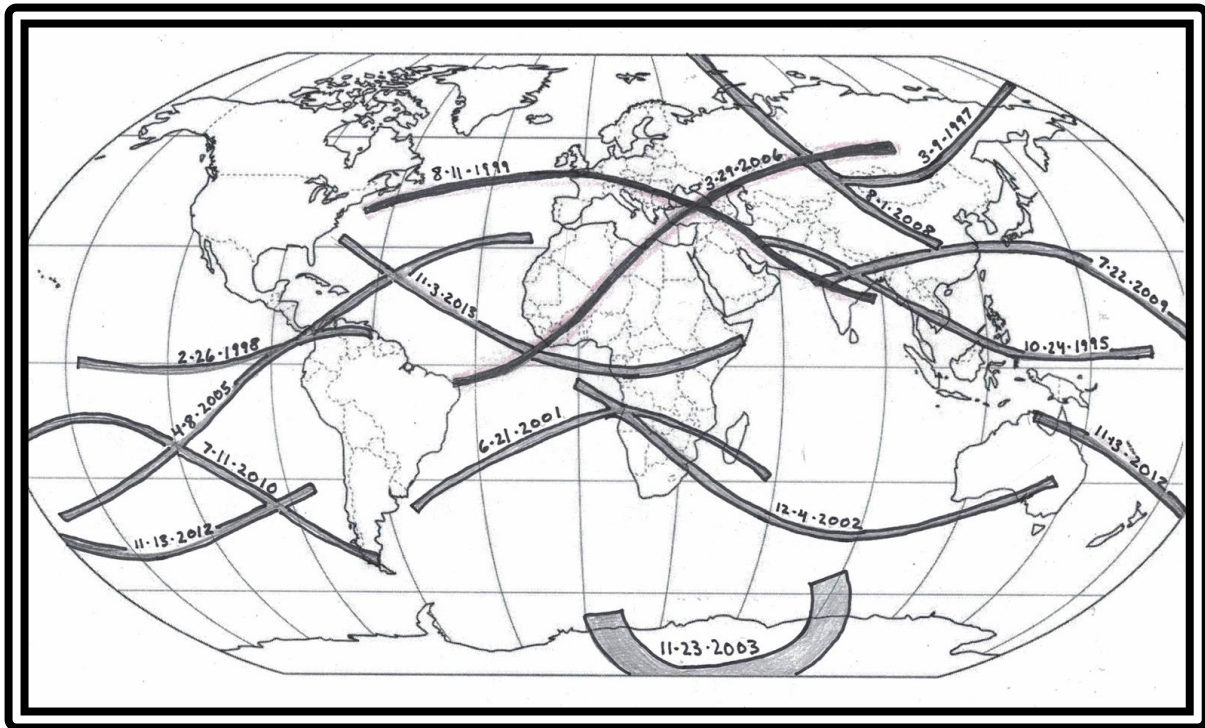
- There are two True Total Hepton crosses in this time frame, each with intersections over open ocean. 1976 and 1983 in Indian Ocean and 1981 and 1988 in the Pacific off Japan.
- The USSR has two eclipses nine years apart which roughly define that nation's north and south boundaries during the decade leading up to its dissolution. The US has the Mount Saint Helens eclipse of Feb 26 1979 . There's an Octon Cross in South Atlantic between 1987 and 1994.



### Closer view of the two Hepton crosses highlighted above

Conclusion: Once again, True Hepton Total Crosses appear over the ocean. The southern Hepton pair gives the distinct impression of a fish with Australia in its belly.





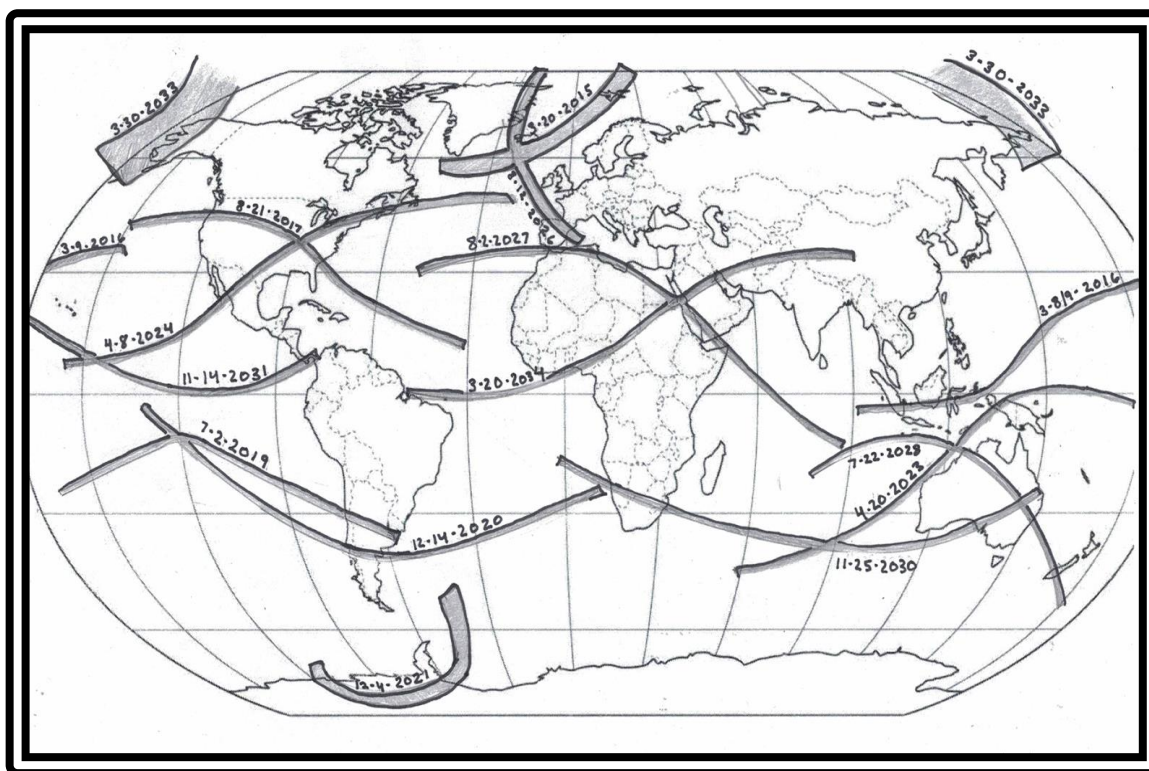
### All Total Eclipses 1995 to 2014

- The primary highlight is the Turkish Tav of 1999 and 2006 in the center of the map. Created by two great eclipses, including the 1999 Aug 11 last eclipse of the millennium, this is a True Hepton Total Cross, the first overland in the survey since 1900. Apex is near Tokat, Turkey.
- Other Intersections include an 18-month cross in Angola, Africa (2001 and 2002), a 3 eclipse swarm between 1995 and 2009 in India (including the 2009 eclipse which brings Wuhan China totality). A one lunar year dead end in China from 2008 and 2009 and a sort of connection in Russia from 1997 to 2008. Also, two eclipses seven years plus 40 days apart overlap at the isthmus of Panama. Absence of eclipses over North America and virtually all South America.



**Above, the Turkish Hepton Cross of 1999 to 2006 is Highlighted**

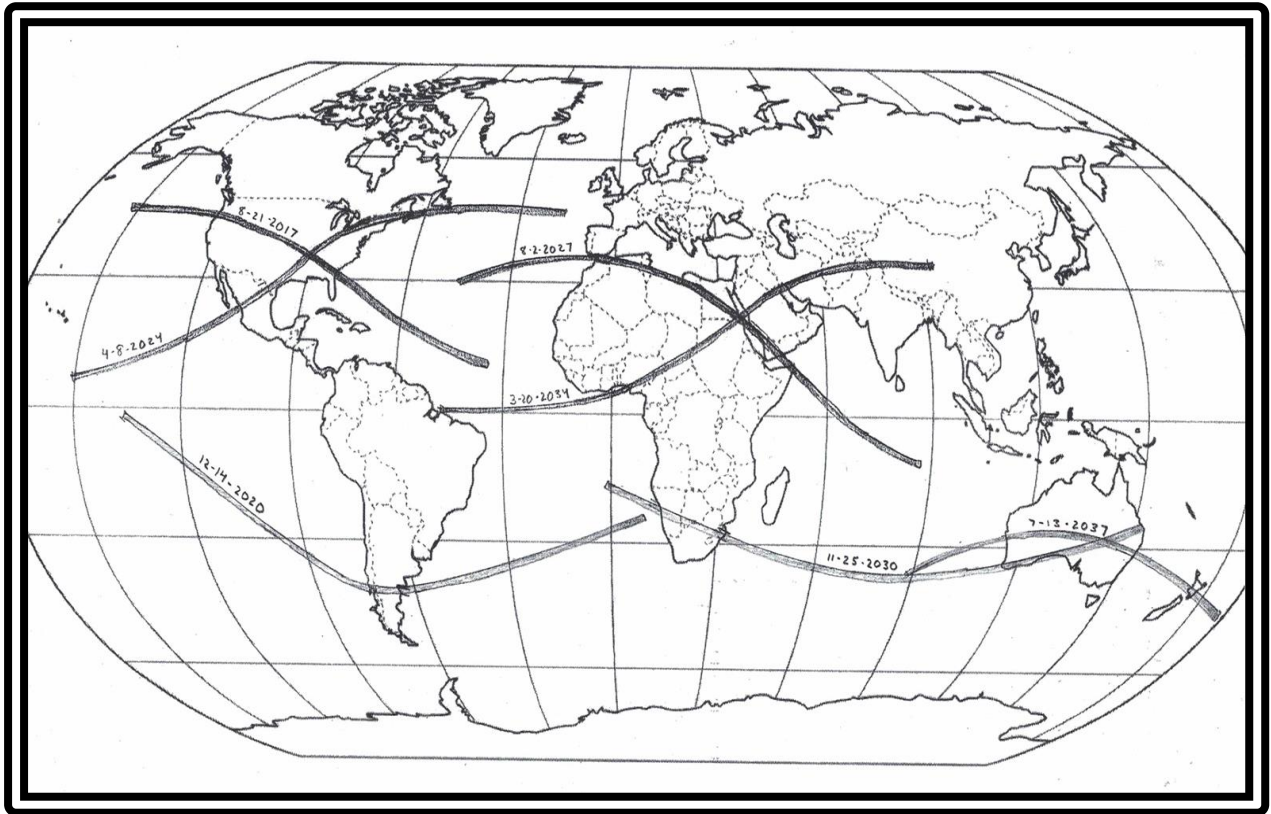
Saros 145 and 139 Hepton is now organizing into a symmetrical cross, apex over Turkey. These two same Saros reappear over the USA in 2017 and 2024, with apex over "Little Egypt".



## All Total Eclipses 2015 to 2034

- This map is to be compared with the former Metonic maps in this section. It shows all Total eclipses from the 2015 Mar 20 Spring Equinox North Pole Eclipse to the 2034 Mar 20 Spring Equinox Great Civilizations Eclipse. What do we see?
- In prior 120 years of survey, we found only one true overland Total Hepton Series cross, the Turkish Tav of 1999/2006. Here are two True Hepton Total Crosses overland, one over Egypt and one over the area known as “Little Egypt” in the USA. The crosses are symmetrical and isolated. Indeed, there seems a peculiar independence to all the “sets” of eclipses depicted.
- Also of note is a peculiar shape towards the North Pole formed by the eclipses of 2015 and 2026. There is also a Cross over Australia (apex in western New South Wales) formed by the 2028/ 2030 eclipses, and an Octon Cross just offshore of Northern Australia-2023 and 2028. These are part of an eclipse swarm over Australia and New Zealand between 2023 and 2038. Also, the Isthmus of Panama is perfectly covered in 2031 by an eclipse that has crossed the entire Pacific without touching any land before stopping there.
- The Great Bering Strait Eclipse of 2033 Mar 30 is illustrated on both corners because it connects both hemispheres (and International date Line) simultaneously at the USA and Russia. This happens four days before the traditional date of the 2,000<sup>th</sup> anniversary of the Crucifixion of Jesus Christ (April 3, 33AD).

Conclusion: The most unique pattern of eclipses ever mapped reside within a 19 year Metonic bracketed by Spring Equinox total eclipses occurring within the 2,000<sup>th</sup> anniversary of the adulthood, ministry, death and resurrection of the Lord Jesus Christ.



### Highlighted: The Monday Hepton Series 2017 to 2037

These eclipses all occur on Mondays, in a series of 7 eclipses that occupy a space of 7266 days. 20 years minus 40 days or exactly 21 eclipse years.

- These eclipses all occur 7 eclipse seasons or 1211 days apart. Every other eclipse occurs 2422 days apart, or 7 eclipse years.

**2017 Aug 21** Great American Eclipse/USA divided.

**2020 Dec 14** Electoral College Eclipse—occurs while electoral college votes in the President and Vice-President of the United States.

**2024 Apr 8** Great North American Eclipse—Final line of Hepton Cross—south to north

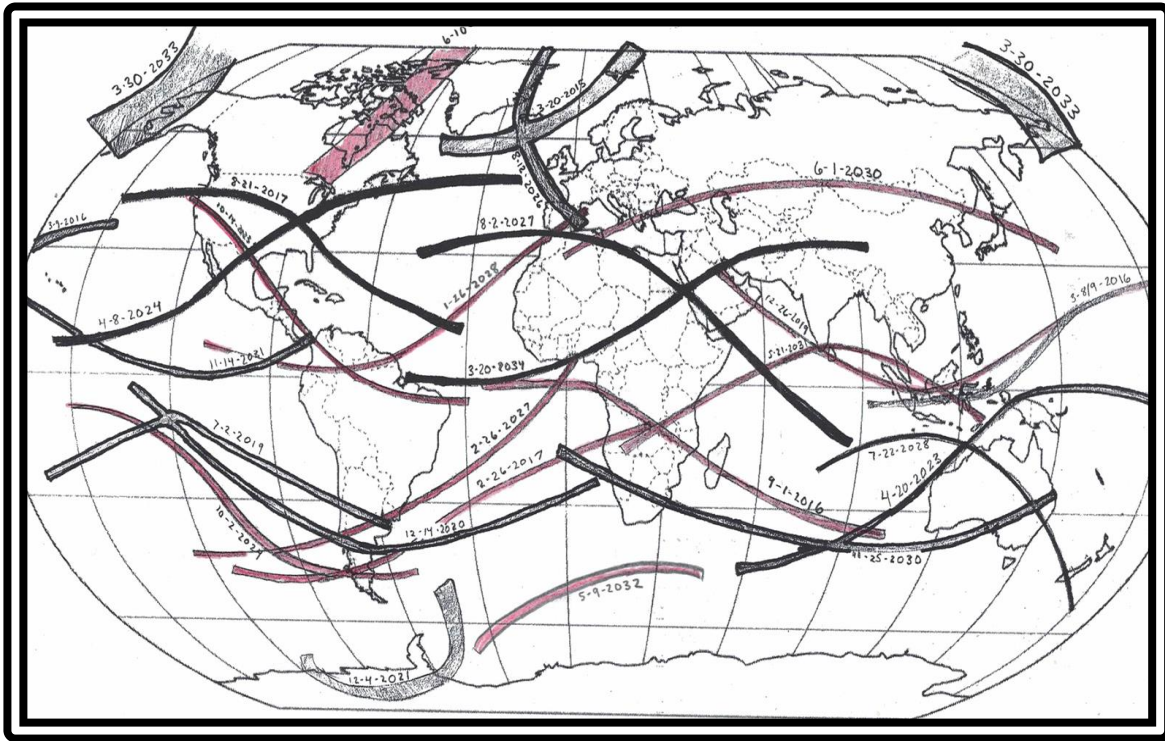
**2027 Aug 2** Valley of the Kings Eclipse---maximum eclipse over Luxor. Also, Mecca is eclipsed.

**2030 Nov 25** British Empire South Eclipse—South Africa to Australia

**2034 Mar 20** Spring Equinox Eclipse---finishes Mideast Hepton Cross

**2037 Jul 13** Australia and New Zealand—final Monday Hepton in the series.

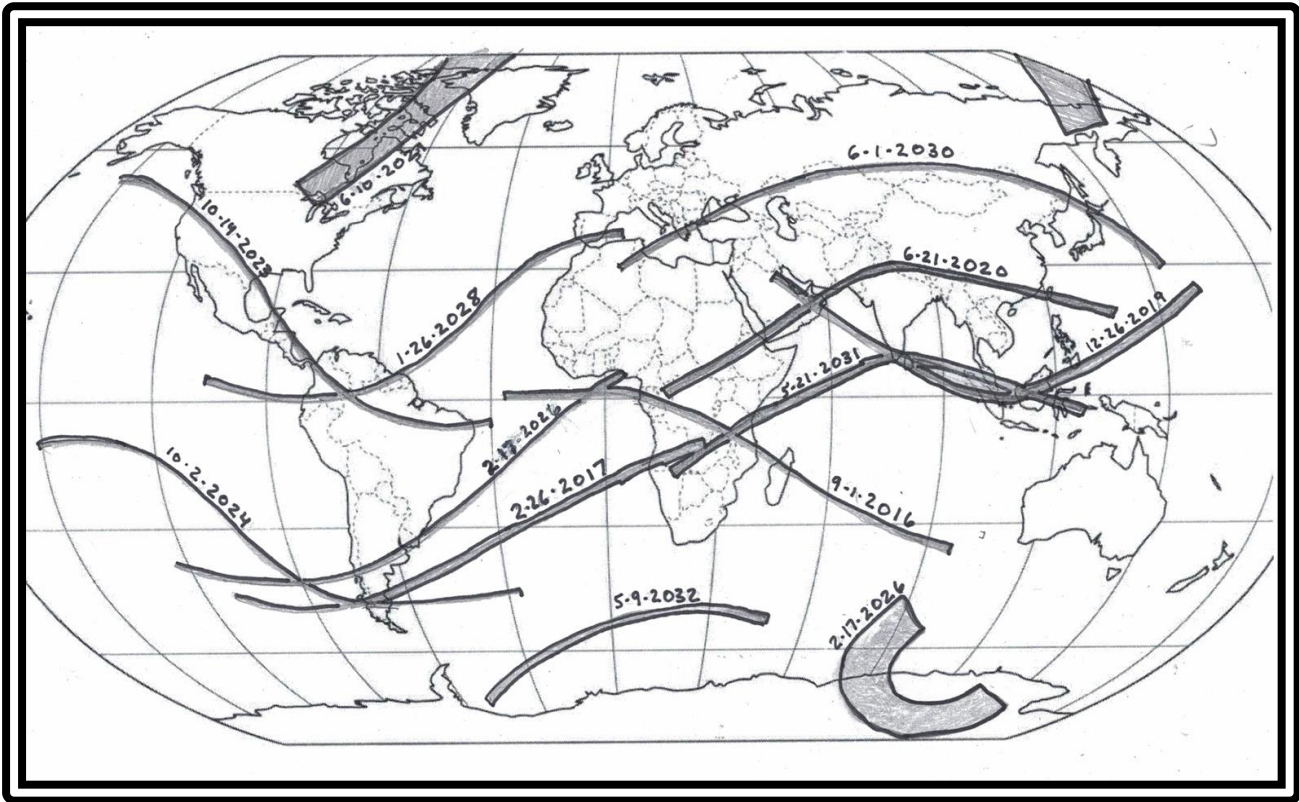
All six inhabited continents are directly touched by this series, though Europe is touched only at Straits of Gibraltar. Two extraordinary balanced Hepton crosses are created overland for the first time in the survey, and a third unbalanced Hepton Cross occurs over Australia. These three crosses are roughly the same distance from each other across the sphere of the globe, occur in succession and declining latitude/longitude from left to right.



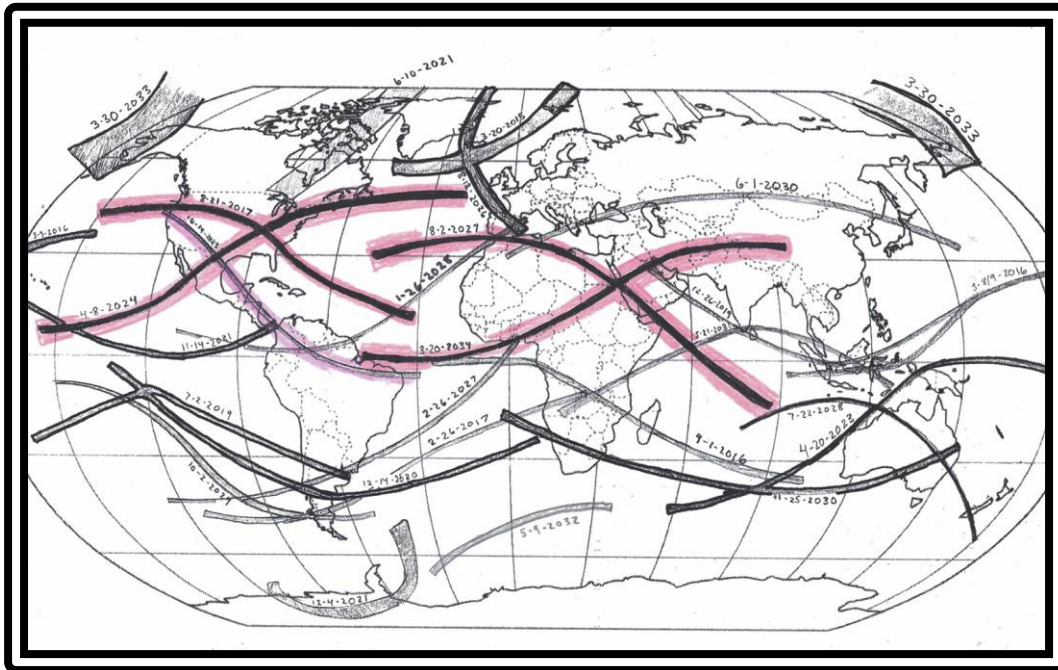
## Messy! All Complete (Total and Ring of Fire) Eclipses 2015 to 2034

Let's briefly look at a messy image of all complete eclipses in the Spring Equinox Metonic of 2015 to 2034. Total eclipses are in black/gray and ring of fire (annular) eclipses are shaded red. The Jun 21 2020 pandemic eclipse is missing due to author error. You can see why it's difficult to map eclipses over long periods of time. It gets really messy. It's not necessarily because there are so many eclipses, but because the paths are so long that they end running all over each other.

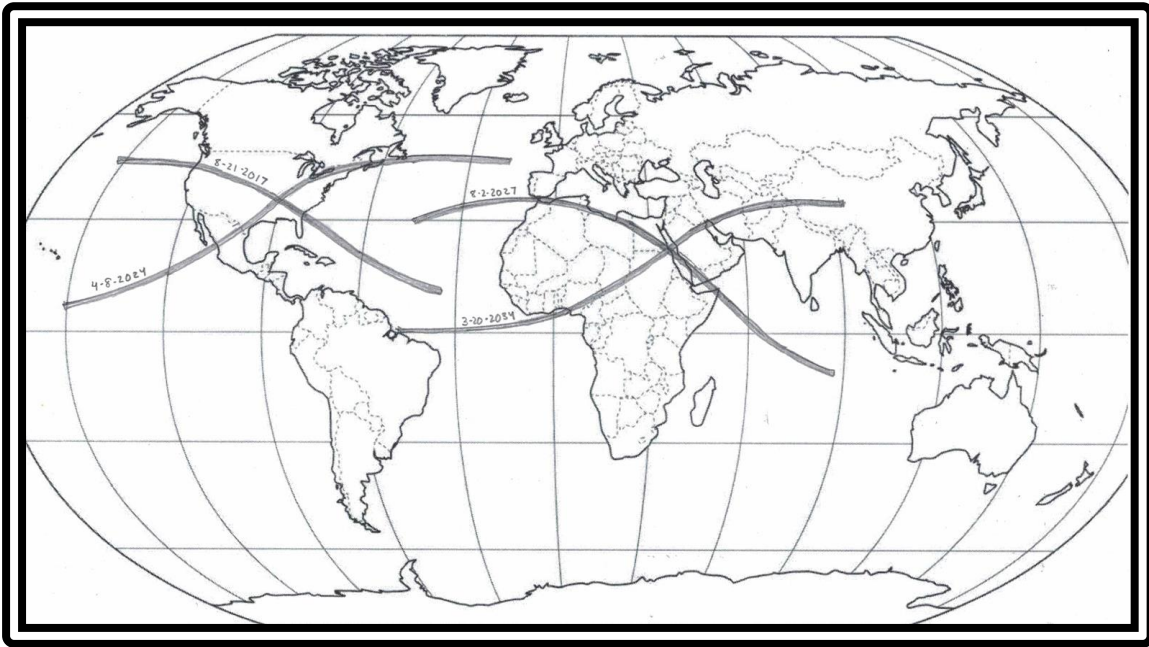
- Nevertheless, the profound distinction of the USA eclipses remains, essentially isolated from the larger mess. You can see the extraordinary Aleph formed over North America.
- The Mideast Hepton Cross also maintains its general integrity, though it is crossed by ring of fires in three places and touched in another. One apex is the Straits of Gibraltar between Europe and Africa-2027 and 2028, less than six months apart. One apex is Northern Algeria (2027 and 2030) and another is in the Indian Ocean (2027 and 2031)
- Argentina and Chile see five eclipses in 13 years, with three intersections in a small geographic area. The Indonesia area sees five.



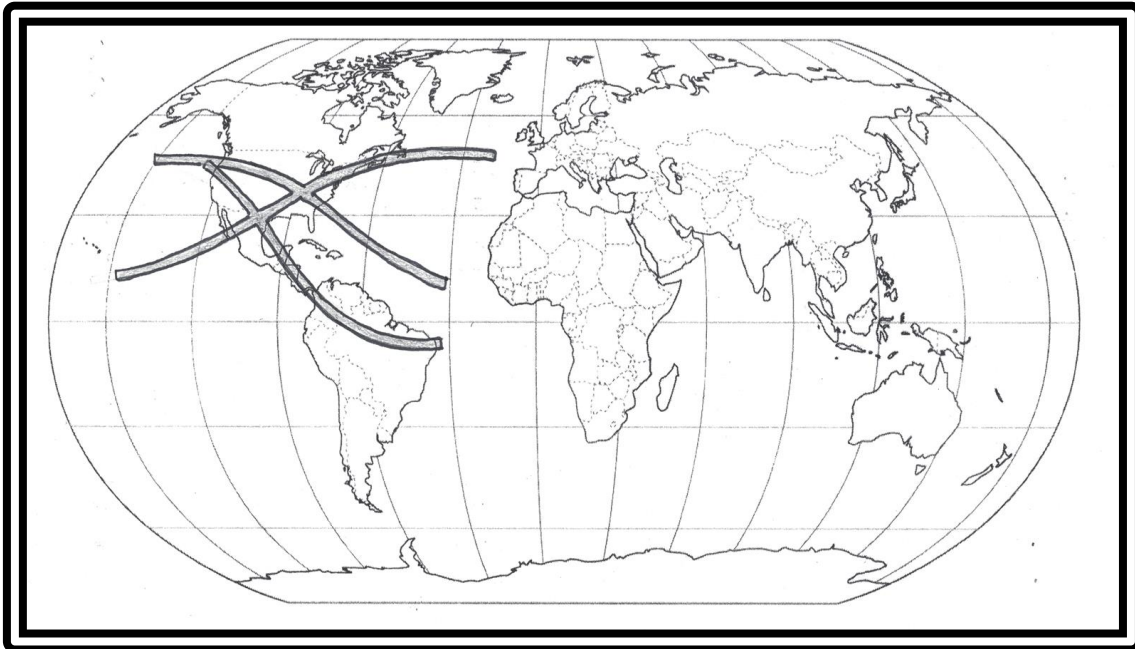
Above Image singles out all 2015 to 2034 Ring of Fires



This above image shows all complete eclipses during the Spring Equinox Metonic with the USA/ Mideast **Alpha/Omega Highlighted**



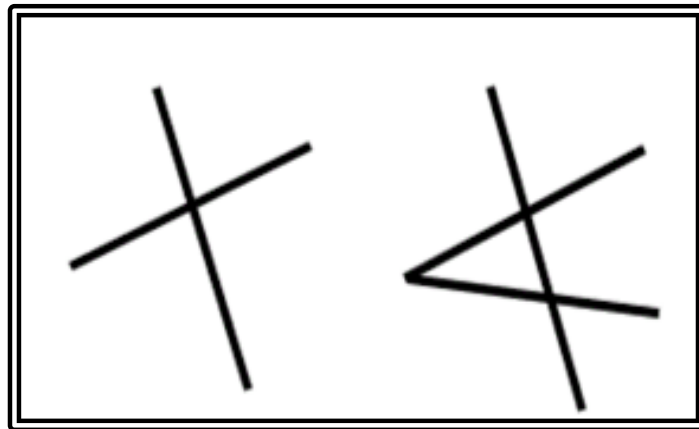
**Above, The Hepton Tavs of the Spring Equinox Metonic (2015 to 2034)**



**Above, the American Aleph of 2017, 2023 and 2024**

We have reviewed 130 years of world total eclipse history and there is nothing like the current Hepton Series which creates balanced Crosses overland. We have established peculiarity.

## The Aleph and the Tav. God's Signature on Planet Earth.



PALEO-HEBREW TAV

PALEO-HEBREW ALEPH

Egypt and and "Little Egypt" of the USA are in the cross hairs of an extraordinary alignment. Please review the above drawing and then prior Alpha/ Omega USA and Mideast maps.

Paleo-Hebrew Writing (not to be confused with modern Hebrew, which arose after Babylonian Exile) is the original written word of the earliest Bible ( Torah, the five Books of Moses) and is closely related to other early Middle eastern script.

Tav is the last letter ( the 22nd) of the Hebrew alphabet. It is an X. This character x is essentially the same in Egyptian Hieroglyph, Phoenician, and Paleo-Hebrew.

Aleph is the first letter of Paleo-Hebrew, or our A. It again is similar through all the early alphabets, and resembled a bull's head in some. In modern times, it has interestingly become also the sign of "anarchy".

The Tav X is, of course, also the Cross. It is also the x of a signature ( as in signing "x" on a document). It is also a nearly universal sign of "wrong answer", condemnation or refusal. The X letter is also the 22<sup>nd</sup> letter ("chi") of the Greek ( which has 24 characters), and has historically represented Christ ( i.e. xmas for Christmas). It was a sign of early Christians, creating the tail of the Christian "fish" symbol.

Tav (X) in Hebrew is understood to mean completion, mark, sign, omen, or seal. Tav is the last letter of the Hebrew word emet, which means 'truth'. The Jewish Midrash says that emet is made up of the first, middle, and last letters of the Hebrew alphabet (aleph, mem, and tav).

God has written on our planet with big simple letters that He is the Alpha and the Omega