

## **Chapter 18**

# **Lincoln and Kennedy in Eclipses**

**Peculiarities in the Metonic Cycle  
Involving the Martyred Presidents**



## **Peculiarities in the Metonic Cycle Involving the Martyred Presidents**

There are only two presidents with closely paired solar eclipses landing on both their birth and death days, Abraham Lincoln and John F. Kennedy. These paired eclipses also occurred during their lifetimes. They also had other peculiar solar eclipses occur during and just around their lifetimes.

There are many well-documented synchronicities between the lives and deaths of Kennedy and Lincoln. I repeat a few of these common knowledge peculiarities on the following page. Afterwards, I present what is possibly the first close look at solar eclipse patterns surrounding their lives and deaths.

These eclipse patterns are not ominous in the commonly understood sense. Sensitive consideration might reveal hints of truth much as one might receive by listening to a piece of music. This is not a subject that can be "summed up", and it carries challenges even to describe.

Having solar eclipses appear multiple times on both one's birthday and death day during your lifetime is not "common". It does happen sometimes, and that fact does not necessarily mean the people with that distinction are all great or super special. A rough attempt to determine birthday/death day eclipse peculiarity was made in the last section.

Clearly Lincoln and Kennedy are peculiar characters, both in their importance in American History, and by nature of the circumstances surrounding their murders.

I present this research with the deepest respect for the memories of these two Americans. I have come to believe that their example of sacrifice was marked in the Cosmic Timekeeping of God.

## Kennedy and Lincoln Common Knowledge Synchronicities

The following list appeared perhaps as early as 1965 in the Scientific American column of mathematician Martin Gardner (using the narrative voice of his pseudonym, Dr. Matrix). It appeared in book form in 1967. The list of coincidences had already been printed in the Aug 10 1964 issue of Newsweek and Aug 21 1964 Time magazine based on an earlier printout Gardner had personally distributed to friends and associates. As with nearly everything Gardner published, they are carefully researched facts, not opinions. Since that time, as many as 200 different other coincidences have been asserted by various sources. Some are more interesting (and true) than others. Oddly, several “news” outlets (including Wikipedia, Snopes and USA Today) have seen fit to call the Kennedy/Lincoln coincidence phenomenon an “urban legend” and even run “fact-checks”, typically repeating minor incidental false claims by misinformed chroniclers of the synchronicity.

Fifteen claims of synchronicity are beyond dispute.

- 1) Lincoln was elected President in 1860. Kennedy in 1960.
- 2) Lincoln was elected to Congress in 1846. Kennedy in 1946.
- 3) Both were deeply involved in rights for African-Americans.
- 4) Both were assassinated on Friday, seated beside their wife.
- 5) Each had lost a son while in office.
- 6) Both were shot in the head from behind.
- 7) Lincoln was killed in Ford's Theater. Kennedy was killed in a Lincoln (made by Ford)
- 8) Both men were succeeded by southerners named Johnson.
- 9) Andrew Johnson was born in 1808. Lyndon Johnson was born in 1908.
- 10) The first name of Lincoln's private secretary was John (John Nicolay). The last name of Kennedy's private secretary was Lincoln. (Evelyn Lincoln)
- 11) Kennedy and Lincoln were assassinated by Southerners who were killed before coming to trial.
- 12) Booth shot Lincoln in a theater and fled to a barn. Oswald is said to have shot Kennedy from a warehouse and fled to a theater (*the movie “War is Hell” was playing*).
- 13) The names Lincoln and Kennedy each have 7 letters.
- 14) The names Andrew Johnson and Lyndon Johnson each have 13 letters.
- 15) The names John Wilkes Booth and Lee Harvey Oswald each have 15 letters.

In the article, Gardner finishes the coincidences listed by his alter-ego, Dr. Matrix with this quote from the Old Testament Apocrypha *The Wisdom of Solomon*:

“Thou (God) hast ordered all things in measure and number” -*Wisdom of Solomon* Chapter 11 V:20

Gardner ends his Chapter with this last unusual piece of history:

*“The first public suggestion that Lincoln be the Republican candidate for president is believed to be a letter written Nov 6 1858 and published in the Cincinnati Gazette. The writer, Israel Green (a druggist in Findlay, Ohio) proposed a ticket of Lincoln for President and John Kennedy for Vice-President. The proposed Kennedy was John Pendleton Kennedy, a prominent author and politician, who had been Millard Fillmore's Secretary of the Navy. Greens letter can be found in The Magazine of American History Vol 29 1893 page 282.”* (Gardner ca. 1965 reprinted in *Amazing Numbers of Dr Matrix*)

## Kennedy and Lincoln Eclipses

**Kennedy and Lincoln's** birth and death day eclipses are different than the two other Presidents, Jefferson and Harrison, previously mentioned for having birthday/death day eclipses during their lifetimes. The difference is that Kennedy and Lincoln's birth and death day live near each other in the eclipse calendar. The exact anniversary dates are closely embedded within the Metonic cycle nearby each other and repeat in the same position around every 350 to 500 years or so. The Metonic Cycle is the repeating and ever-changing link between the solar, the lunar and the eclipse year. Don't worry if you don't have it all figured out. Who does?

Eclipse year=346.62 days...sun and moon returning to the general same spot (node) at same time. Eclipse season= 173 days, but complete eclipses usually happen 177 or 178 days apart when linked inside a single year. That is one half a lunar year.

Lincoln's birth and death dates ( Feb 12 and Apr. 14/15) appear 3 eclipse years (346.6 x3) apart in the Metonic Calendar, or 1033 days. This means the position of moon and sun have returned to the exact same node (place in the sky) at the end of that 1033 days.

Kennedy's "semester series" eclipses are a continual side by side Metonic couplet 177 days apart, or one eclipse season plus four days. They are at opposite nodes, one north and one south. Kennedy's birth and death days just happened to be essentially one eclipse season apart. I am not sure who else has that distinction. Certainly it happens, but it's a hard thing to just google.

There are 7 eclipses on exact birth/death days immediately around the life of Abraham Lincoln. This is assisted by the fact that Lincoln died over the course of nine hours spanning two days.

We have 5 eclipses on exact birth or death days during the life of John F. Kennedy, but a total of eleven within his extraordinary side by side Metonic in the 20th century.

The maximum expression of eclipse associations in Presidents (or any public figures I have looked at, for that matter), appears to occur with Abraham Lincoln and John F. Kennedy. These two men, in turn, were maximum expressions of the American Presidency. Maximum leadership in a nation which became the maximum imperial/cultural power of the modern era.

### **First Overview Look at Lincoln/Kennedy Dates before we go on.**

I include eclipses which border the exact birthday/death days here, or shortly after their death. There are reasons to do this, based on orbital, historical and leap year reality. Remember what George van Den Beergh said: "A day is 48 hours!" First we need to establish facts in the basic peculiarity.

**Abraham Lincoln** was Born Feb 12, 1809--- Died April 14/15 1865. Lincoln was shot late on April 14th and pronounced dead 9 hours later on the morning of April 15<sup>th</sup> 1865

Birthday solar eclipses on Feb 12 1812/ Feb 12 1831/ Feb 12 1850/

Death Day solar eclipses on April 14 1809/ April 14 1828/April 15 1847/ April 15 1866

**John F. Kennedy** Born May 29, 1917---Died November 22, 1963

List of all JFK eclipses in 20<sup>th</sup> Century:

BirthDay: May 28<sup>th</sup> 1900/ May 29 1919/ May 29 1938/ May 30 1946/ May 30 1965/ May 30 1984

Death Day: Nov 22 1900/ Nov 22 1919/ Nov 21 1938/ Nov 23 1946/ Nov. 22/23 1965/ Nov 22 1984

Again, out of 46 Presidents- only 4 have eclipses during their lives on both their birth and death days. There is a mildly interesting decreasing age progression pattern in these four Presidents.

Jefferson was 81 years old when he died.

Harrison was 68 years old when he died.

Lincoln was 56 years old when he died.

Kennedy was 46 years old when he died.

If you keep going with non-presidential deaths of closely associated leaders:

Bobby Kennedy was killed at 42.

Martin Luther King at 39.

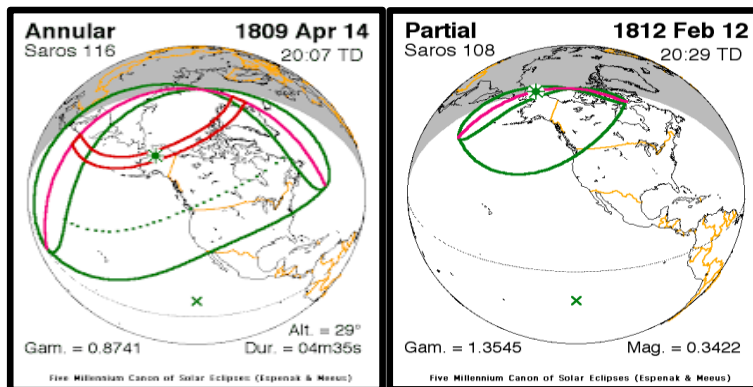
JFK Jr. at 38.

Of all the Presidents and celebrities we looked at, only JFK died essentially on an ecliptic birthday. He lived for 16,978 days, essentially 49 draconic years.

To recap, we only found four Presidents of the US who had complete solar eclipses on birth and death days. Three completes on exact birth/death days in the life of Thomas Jefferson. There were two complete eclipses on exact birth/death days in the life of William Henry Harrison.

## **ABRAHAM LINCOLN- BORN FEB 12 1809 / DIED APRIL 14/15 1865**

His birth and death dates appear in reverse order in solar eclipses in the first three years of Lincoln's Life. Exactly three eclipse years (1033 days) apart, they remain linked in such a way throughout time.



Courtesy of NASA—Espanak and Meuss

On the left, the Lincoln Assassination Premonition Eclipse two months after Lincoln's Birth and 56 years before Assassination. On the right, solar eclipse on Abraham Lincoln's third birthday.

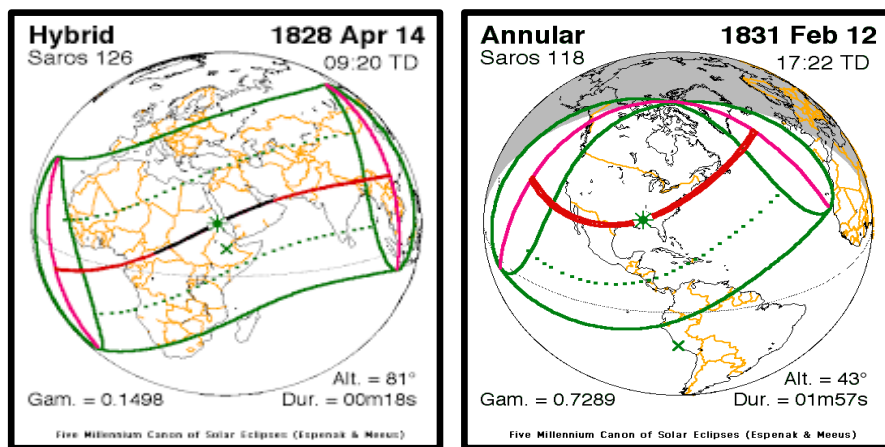
**Apr 14 1809 Ring of Fire North America (Saros 116)** A ring of fire eclipse over North America occurs two months after Lincoln's birth on April 14 1809, the exact day he would be shot 56 years later. Centerline over what becomes Bethel, Alaska. Bethel means "House of God". Southern boundary of partiality through Lincoln's birthplace in Kentucky and future home in Illinois. It travels near Washington DC in a rough approximation of the Mason-Dixon line.

Lincoln is shot exactly 56 years later (on Passover) on April 14 1865.

**Feb 12 1812 Partial Solar North America (Saros 108)** Lincoln's birthday of Feb 12 appears in the eclipse cycle on his third birthday in 1812. It is a partial eclipse over northwest North America, maximum eclipse at almost the same time and same spot (in Alaska) as the April 14 1809 eclipse.

The Feb 12 Metonic and April 14/15 Metonic continue in profound relation until his death.

### April 14 1828 and February 12 1831



Courtesy of NASA—Espenak and Meuss

Two geographically profound eclipses arrive 19 years later on Lincoln Birthday/Deathday Metonic.

**Apr 14 1828 Hybrid Africa/Arabia/ India (Saros 126)** An amazingly similar eclipse path to the previously shown Thomas Jefferson 18<sup>th</sup> Birthday eclipse which occurred 65 years and one day before. Lincoln is now 19 years old and his assassination exactly 37 years away. Interesting eclipse travels across Africa through the continent into Arabia (92% in Mecca) and ends in the Himalaya.

**Feb 12 1831 (Saros 118) Lincoln's 22nd Birthday/ Nat Turner Ring of Fire in USA** Abraham Lincoln is now having his 22nd birthday on Feb 12 1831. A solar eclipse travels through the South and up the eastern coast. Annularity in Washington DC and very close to New Orleans, annularity in Atlanta and Cape Cod. Perhaps the most widely viewed solar eclipse in the USA since the nation's founding. Only adult President in our survey in a position to view a solar eclipse on their birthday. Virginia slave and mystic Nat Turner (nicknamed "the prophet") witnessed this eclipse and took it as a sign from God to begin planning an insurrection against slave holders which began in August. It was the bloodiest slave revolt in US history. Turner was hanged November 11 1831 in Jerusalem, Virginia.

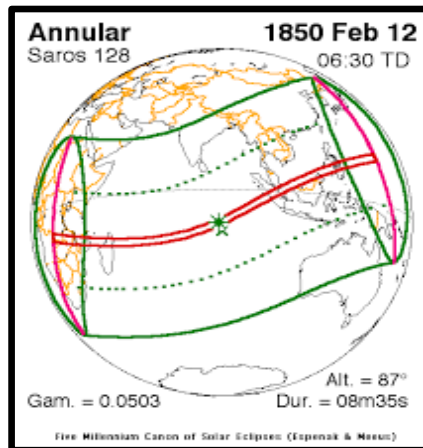
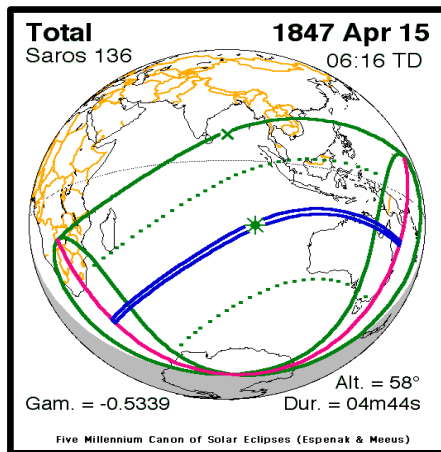
## 1831 to 1837 Lincoln in New Salem, Illinois (From Abraham Lincoln Historical Society)

In 1831, Abraham Lincoln was a young man of 22 when he and a couple of companions floated the Sangamon River in a flatboat on their way to New Orleans. In mid-April, he neared New Salem, Illinois, when his boat became stranded on the nearby mill dam. A crowd gathered to watch the men work to free the boat. Under Lincoln's direction, the crew unloaded the cargo from the stern causing the flatboat to right itself. Lincoln then went ashore and borrowed an auger from Onstot's cooper shop, drilled a hole in the bow allowing the water to drain out, causing the flatboat to ease over the dam.

Denton Offutt, who had hired Lincoln to man the flatboat, was impressed with Lincoln's handling of the incident, and awarded him with the offer of a clerk position in his store. However, when Lincoln returned from New Orleans, the store was not yet open, so Lincoln took a variety of other jobs, including helping to pilot a steamboat down the Sangamon River to Beardstown on the Illinois River.

New Salem was where Lincoln lived when he did his service in the military during the Indian wars, Lincoln saw no service, but did help bury five colleagues who had been scalped near Kellogg. Lincoln became postmaster and was much beloved. On April 15, 1837 (the exact midpoint between 1809 eclipse and death in 1865), on a borrowed horse, with everything he owned in two saddlebags, Lincoln moved to Springfield, the place he would call home for the next 24 years of his life.

## Last Metonic before his Death: April 15 1847 and February 12 1850



Courtesy of NASA—Espenak and Meuss

**Apr 15 1847 Indian Ocean to Darwin, Australia Total ( Saros 136)** Eclipse sixteen years after New Salem boat incident. Exactly ten years after Lincoln moves to Springfield and 18 years exactly before his death. When this eclipse begins at sunrise over the Indian Ocean, it is still April 14th in much of America.

In 1847, Abe Lincoln is 38 years old and is serving in the US Congress. In December of 1847, he famously introduces legislation demanding to know the "spot" where hostilities with Mexico originated, in an effort to determine the government's excuse for the ongoing Mexican War, which Lincoln opposed as an imperial land grab.

The eclipse itself takes aim at Darwin Harbor, Australia- eight years after it is named such in 1839 by a ship captain after Biologist Charles Darwin, who famously shared an exact birthday with Lincoln.

## Feb 12 1850-Ring of Fire Last Birthday eclipse Africa to Philippines (Saros 128)

Lincoln and Darwin's birthday appears for the last time as an eclipse during their lifetimes on their mutual 41st birthdays. Feb 12 will not be the date of a solar eclipse again until the year 2203. 1850 was the year of the *Compromise of 1850*, which temporarily avoided war by allowing expansion of slavery west into Utah and New Mexico and admitting California as a free state.

**Saros 128** also brings three modern eclipses of note:

**May 10 1994 USA Ring of Fire.** Annularity includes Lincoln home of Springfield, Illinois exactly 136.00 eclipse years after Lincoln's assassination and 156 solar years after birth of Lincoln's assassin John Wilkes Booth on May 10 1838.

**May 20 2012 USA Ring of Fire** 18 years later, Saros 128 travels from sunrise at Hanoi, Vietnam to end at sunset over Bush Family home of Midland, Texas.

**June 1st 2030 Athens/Constantinople Eclipse.**

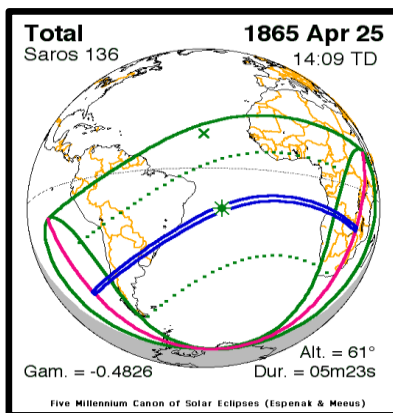
## Eclipses around Lincoln's Assassination

There was a partial lunar eclipse on April 11 1865, three days before Lincoln's murder, and two days after surrender of the Confederate Army at Appomattox. It was not visible in America.

Abraham Lincoln is shot in the back of the head while seated next to his wife at Ford's Theater in Washington DC on Good Friday, the evening of Passover, April 14 1865, exactly 56 years after the eclipse Metonic began on 4-14-1809( two months and two days after he was born).

The shooting occurs at 10:14 pm on April 14<sup>th</sup>. Lincoln breathes his last at 7:22 am on April 15<sup>th</sup>.

Ten days after Lincoln's death a profound total solar eclipse began in the last stronghold of Slavery in the Western Hemisphere and crossed to the slave coast of kAfrica:



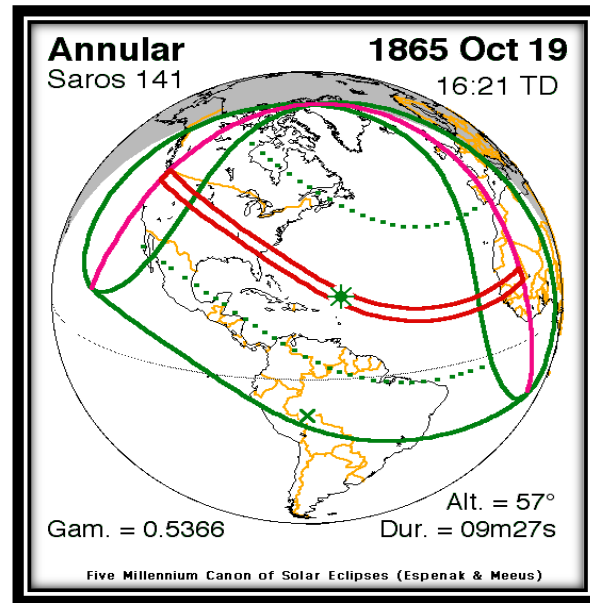
Courtesy of NASA—Espenak and Meuss

**Apr 25 1865 Rio De Janeiro Eclipse South America to Africa Total ( Saros 136)** Eleven days after Lincoln's murder and the day before John Wilkes Booth is killed in a barn after eluding capture for eleven days. Eclipse travels from South America to Africa. Goes through Brazil, where millions of African American slaves and native peoples toiled in bondage as the eclipse passed overhead. Brazil was the last nation in the western hemisphere to abolish slavery (in 1888). Totality in Rio De Janeiro, the largest slave port in the history of the world. America's great slave port Charleston, would eclipse 6 months later. Path travels to Africa with totality in Angola, source of the first slaves brought to Jamestown in 1619.



Saros 136 is paired as a semester series ( $\frac{1}{2}$  lunar year) with Saros 141, the great ring of fire, which returns 177 days later with one of the most astonishing cross-country eclipses in US history.

### Farewell Abraham Eclipse October 19 1865

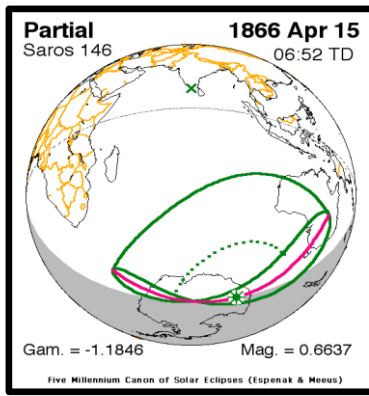


188 days after his assassination, a ring of fire eclipse divides the United States of America. The extraordinary cross-country path begins at sunrise over Mount Saint Helens and western Washington. The path bisects the nation from Northwest to Southeast, the first eclipse to do so since its founding. The path touches 20 states and territories, unrivaled in USA history.

Annularity over Lincoln's birthplace in Kentucky and childhood home in Illinois. Path crosses modern Lincoln, Nebraska. The only west coast to east coast ring of fire eclipse in USA history. One of only five coast to coast complete solar eclipses (along with 1806, 1869, 1918 and 2017) in US history. Follows a very similar path to 2017 Great American Eclipse. Being a long eclipse of nine minutes and 27 seconds and occurring during the typically fair month of October, it would have likely been seen by more Americans than any ring of fire in US history up to that point. The centerline of eclipse goes over Confederate strongholds of Nashville and Atlanta and exits country at Charleston, South Carolina, the largest slave port in the USA. Eclipse traverses the Atlantic to end at sunset over Western Africa, centerline over Portuguese slave port of Dakar, Senegal-the westernmost city on the African continent.

Eclipse occurred on the 84th Anniversary of the victory of the American Revolution at Yorktown on Oct 19 1781. 84 years is a profound anniversary on the Metonic cycle (consisting of three 19-year periods, an 8-year lurch, then one 19 year Metonic), It's also 88.5 eclipse years or 177 eclipse seasons.

Saros 136 and Saros 141, occurring 177 days apart, provide the Western hemisphere solar eclipses of 1865. They have been inseparably paired in what is called a semester series through much of the Second Millennium to this day. These same Saros return in 1919 for the JFK birthday and deathday eclipses (May 29 1919 and November 22 1919) 54 years and 33 days later.



**There is also an April 15th 1866 partial on the 1st anniversary of Lincoln's death.** It is the last time either his exact birth or death Metonic appear for several centuries.

Courtesy of NASA—Espenak and Meuss

### LINCOLN METONIC Round-Up

There were three solar eclipses on Lincoln's exact birthday of February 12 *during* his lifetime: they happened 19 years apart on 1812, 1831, and 1850. The next Feb. 12 solar eclipse is 2203 AD.

The 1831 eclipse (when he turned 22) would have been visible to him, depending on weather.

In 1869 and 1888 the Metonic actually slides backward to Feb 11 for two eclipses. Then, in 1896, it lurches forward to Feb 13.

19 years later, in 1915, it's Feb 14 or Valentine's Day, where it stays for much of the 20<sup>th</sup> Century. That same Metonic has reached Feb.17 for the upcoming Feb 17 2026 Ring of Fire.

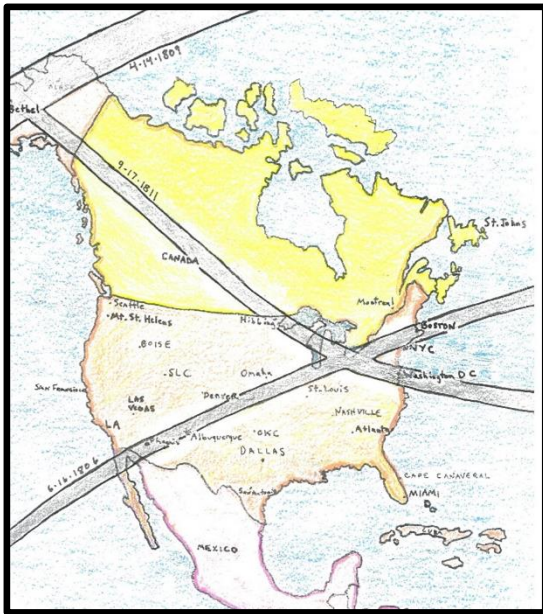
And so it goes.

There were three eclipses on Lincoln's Death Day of April 14/15 during his lifetime, and one on the first anniversary of his death. They happened 1809, 1828, 1847 and 1866. He would not have been able to see any of them. There were opportunities for Lincoln to see several solar eclipses during his life, and we'll look at that in a minute.

I have not come across any historical personage with as many exact eclipses on birth and death days as Lincoln during their lifetime, though JFK comes close.

By 1874, Lincoln's Death Day Metonic has “moved” to April 16<sup>th</sup>. The Titanic eclipse happens on April 17 1912 (three days after the sinking). The Metonic has moved all the way to April 19 by the time of the 1939 WWII Hitler Birthday Eve / Darwin Death Day Eclipse.

Now a brief look at actual eclipse paths in the USA surrounding the life of Abraham Lincoln.



## Solar eclipses in USA around Lincoln's birth: The Cleveland Cross 1806 to 1811

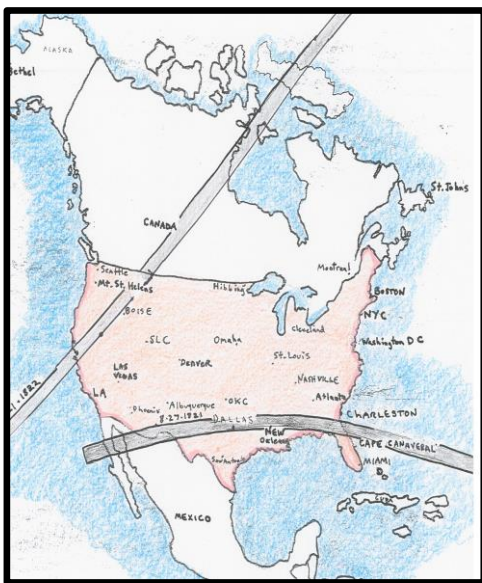
There were only three solar eclipses in the USA between 1783 and 1820: a cluster from 1806 to 811.

**1806 Jun 16 Total Eclipse (Saros 124)** The first complete solar eclipse in the US in 23 years. Almost fully Cross-country two and ½ years before Abe Lincoln's birth and 62 eclipse years exactly (within two days) before his death. The only total cross-country eclipse in US history to travel southwest to northeast coast to coast

**1809 Apr 14 Ring of Fire (Saros 116)** Passes over Bethel, Alaska: "House of God" in Hebrew. Bethel in The Bible is where Abraham (Abram) built an altar to God. Lincoln will be shot 56 years later on this day which occurs 2 months and 2 days after he is born on Feb 12 1809.

**1811 Sep 17 Ring of Fire (Saros 141)** The great Saros 141 crosses the 1809 eclipse in Bethel. Crosses Canada and bulk of Northeast US (12 states). Washington DC and Jamestown are in path. The calendar midpoint of the 1806/ 1811 eclipses is Feb 4 1809, a week before the President's birth on Feb 12 1809. Lincoln's home of Springfield, Illinois is in the path of 1806 eclipse. Washington DC, where he served and died, is in the 1811 Eclipse. The 1806 and 1811 eclipses cross in Cleveland, Ohio which was founded in 1796. There is then a ten-year break from solar eclipses in the USA until 1822.

## Two Ring of Fires Six Months Apart 1821-1822



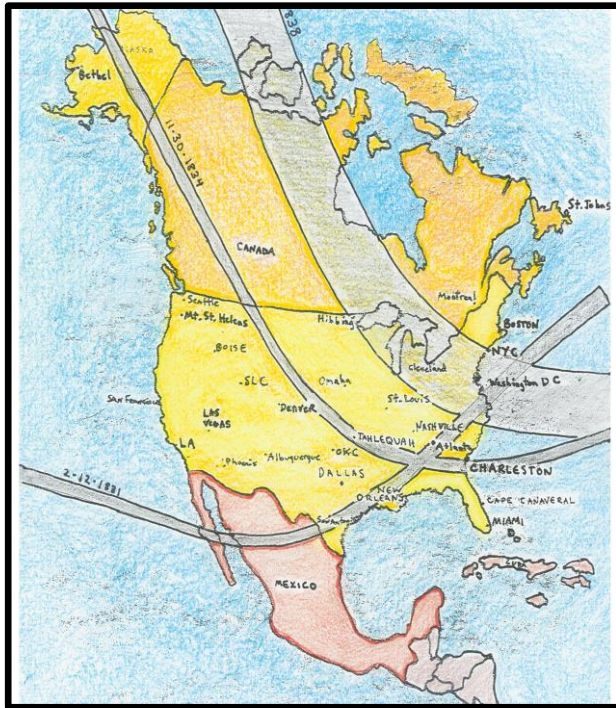
**1821 Aug 27 Ring of Fire (Saros 132)** An almost Cross Country Eclipse through the Deep South.

**1822 Feb 21 Ring of Fire/ Hybrid (Saros 137)** Occurs over mostly un-colonized far west, including Mount Shasta. These eclipses are noteworthy for the fact they occur 178 days apart, or exactly one half a lunar year. That is the shortest time between American eclipses in history- and the shortest time possible (177 to 178 days) between complete eclipses on earth. **Numeric curiosity between 2 -21-1822 eclipse and the next complete eclipse in the USA, which will occur 2-12-1831/ 2-21-1822 and 2-12-1831 eclipses occur 9 years minus 9 days apart, or essentially 8 solar years plus one lunar year apart. 2-21 and 2-12 are obviously anagrams. Also, if the full numbers of either eclipse are added, they equal the same amount:**

**(2-21-1822)**  $2+2+1+1+8+2+2 = 18$  and

**(2-12-1831)**  $2+1+2+1+8+3+1 = 18$

## Trail of Tears Eclipses 1831 to 1838—All three likely visible to Lincoln



**1831 Feb 12 Lincoln Birthday/ Nat Turner Ring of Fire (Saros 118)** Starts in lower map. Abraham Lincoln's 22nd birthday. The eclipse that inspired Nat Turner's slave revolt. In all, 9 slave states experience the eclipse, probably the most geographically possible at any one time. The only eclipse in entire survey that occurs on someone's birthday while they are an adult in the nation they live.

**1834 Nov 30 Trail of Tears Total Eclipse (Saros 120)-starts in middle of map** One of the most unusual eclipse paths in history traces the Trail of Tears from Georgia to Oklahoma at the same time as the forced marches were proceeding on that trail. Atlanta, Charleston, Columbus GA. Tahlequah, Oklahoma (final destination of Cherokees) has its only eclipse besides 1694. The great Saros 120.

**1838 Sep 18 Washington DC Ring of Fire (Saros 122)** In the worst year of the Trail of Tears, a ring of fire across 13 northern states. This may be the widest eclipse path in US history. Many northern cities in the path: Detroit, Cleveland, Columbus OH, Pittsburgh, Philadelphia, New York City, Baltimore, Washington DC ( where Lincoln would die exactly 28.001846 eclipse years later, or 9706 days)

Another cosmic masterpiece from the Eternal Artist. The eclipses actually progress chronologically from south to north balanced both geographically and in rhythm.

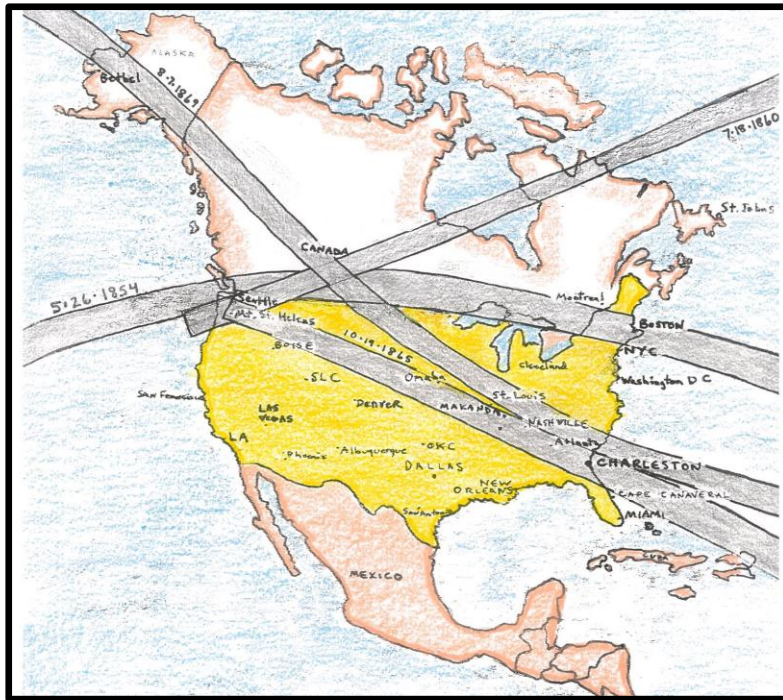
Between the 1831 and 1838 eclipses are exactly 7 years, 7 months and 7 days (an Octon—exactly 8 eclipse years). The 1834 eclipse is situated at the precise Metonic mid-point on the calendar ( 8 eclipse seasons) *and* also at the geographic midpoint of the map.

The Saros numbers are all evenly spaced as well-118, 120, and 122.

Lincoln would have been in a position to potentially witness all three of these eclipses.

After the 1838 eclipse, there is a 16-year break from complete solar eclipses in the USA, until 1854.

## 1854 to 1869- Civil War Eclipses



### 1854 to 1869

**1854 May 26 Ring of Fire (Saros 135)** No other eclipse has ever so perfectly straddled the northern US border. From Washington to Maine, path touches all 12 states of the northern border. The only actual metropolitan city on the path is Boston. Eclipse happens four days before passing of the Kansas-Nebraska Act on May 30, 1854, which opened up new US territories to slavery, prompting violent clashes which accelerated the race to Civil War.

**1860 Jul 18 Total Eclipse (Saros 124)** Three and ½ months before Lincoln is elected in November, a total eclipse over the Northwest, including Seattle, founded 9 years before. The secession of the southern states began five months later on December 20, 1860.

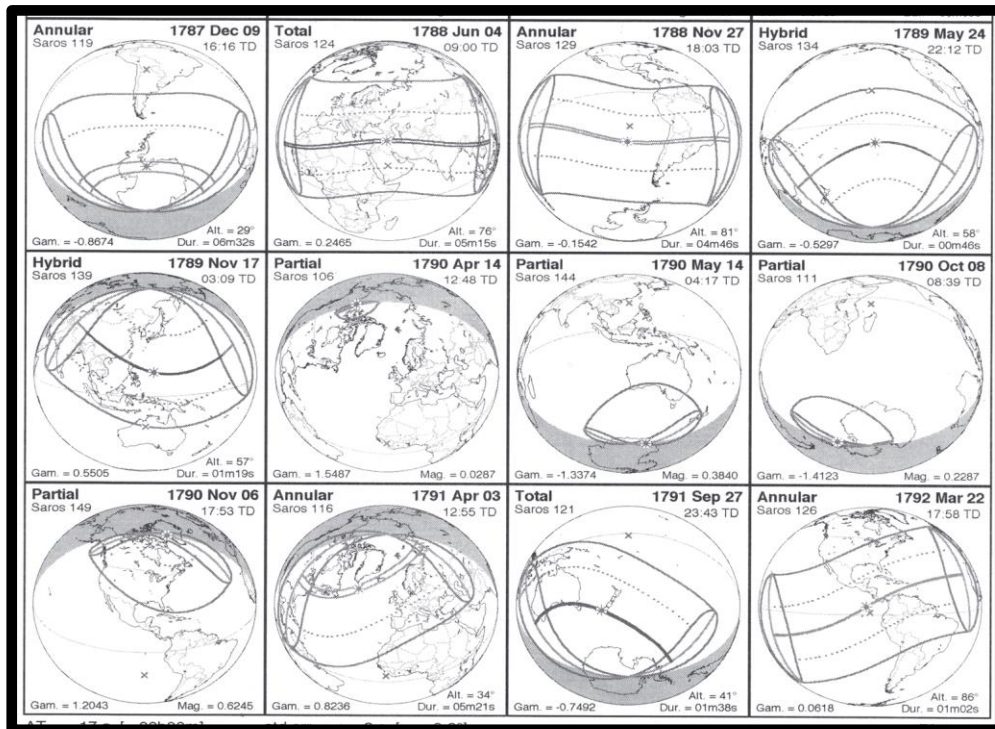
**1865 Oct 19 Farewell Abraham Ring of Fire (Saros 141)** 188 days after the assassination of Lincoln on Good Friday April 14 1865. Cross-country eclipse starts over Mount Saint Helen's at sunrise and crosses the entire USA to exit at the notorious slave port of Charleston, SC. A total of 20 states and territories were witness, the most ever in history.

**1869 Aug 7 Total Eclipse (Saros 143)** From Bethel, Alaska (now part of the USA after the 1867 purchase from Russia), where Abraham built an altar in the Bible and where the first assassination premonition eclipse passed over on April 14 1809, the eclipse cuts across the heart of the nation, including Lincoln's town of Springfield, Illinois. Eclipse 3 months after "The golden spike" at Promontory, Utah completed the first transcontinental Railroad.

Within 20 years of this eclipse, nearly every buffalo in America was dead and the final free native tribes of America would be largely subjugated.

## Abraham Lincoln Metonic/ Jewish Calendar Oddities

Interesting Israel and Religious Dates on this map



Courtesy of NASA—Esenak and Meuss

Jefferson's Birthday of **April 13** dominated the mid-April Metonic in the 18<sup>th</sup> Century. The NASA map **above** shows the first time Apr 13 moves into Lincoln Assassination Metonic, **April 14 1790**, 19 years 2 months and 2 days before Lincoln is born. Eclipse is middle row, second from left.

**April 14 1790** 1720 years to the day after the day Jerusalem was first surrounded by Rome in 70 AD. **Apr 14:** Date of Passover possible Jesus Crucifixion in 32 AD. Lincoln assassination day in 1865. Titanic sinking in 1912. Splitting of the atom 1932. An almost imperceptible partial, The Apr 14 1790 eclipse covered less than 3% of the sun. This is the last eclipse of Saros 106 after 1300 years. Saros 106 began its life with a partial on January 23, 456 AD. Yes, that's right. On 1 23 456 AD.

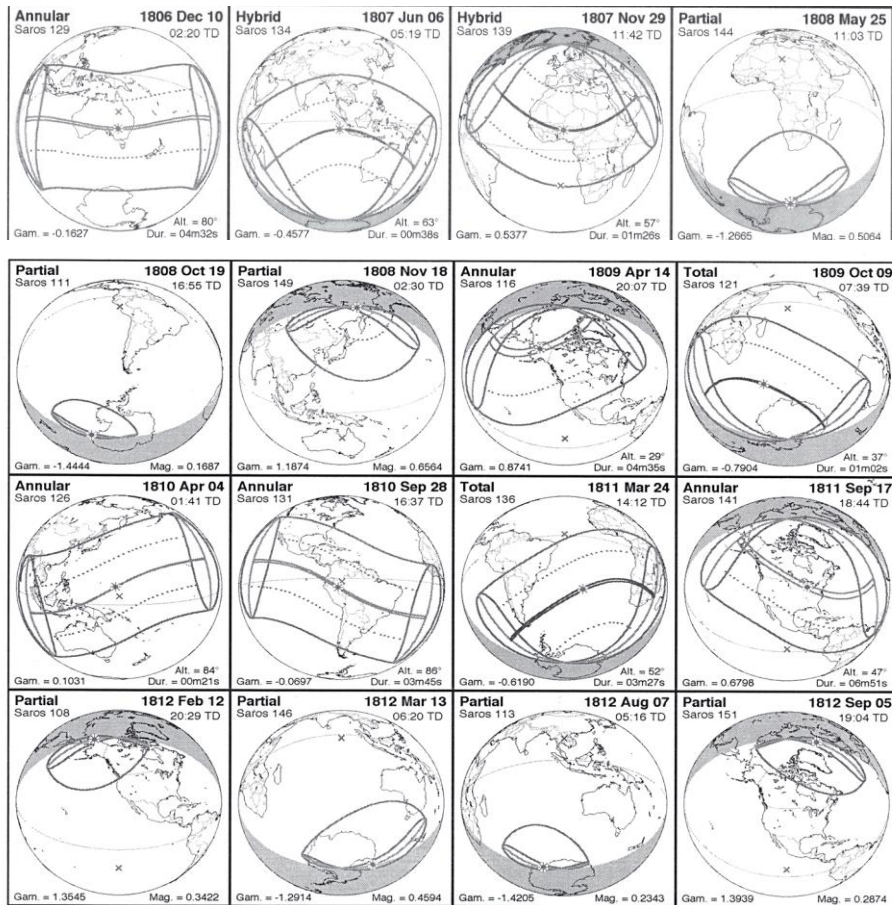
Top row: **June 4 1788** Total eclipse through Syria and Nineveh 179 years before the last day of "Gentile" control of Jerusalem in 1967.

Top row: **May 24 1789.** Eclipse occurs 19 days after start of French Revolution. May 24 is day of Pentecost 50 days after traditional Jesus Crucifixion date of Apr 3 33 AD. That is when the Holy Spirit was first given to men.. Bob Dylan is born 152 years later.

Middle Row: **May 14 1790-** 158 years to the day before Israeli nationhood in May 14 1948. 19 years after odd "177" May 14 1771 eclipse, which happened 177 years before Israeli Independence.

Bottom Row: **April 3 1791-** 1758 years from traditional Date of Crucifixion in 33 AD

## Metonic Oddities Surround Lincoln's Birth A Trio of Future Assassinations Embedded in Eclipse Cycle



Courtesy of NASA—Espanak and Meuss

All solar eclipses from 1806 to 1812 in image. Lincoln's first death day eclipse (Apr 14) is on the second row, second from right. Lincoln's 3 year birthday eclipse (Feb 12) is on the bottom row left.

Top row is **June 6 1807**. June 6 is the date Robert Kennedy is assassinated 161 years later in 1968.

On the third row down on left is **April 4 1810**, April 4 is the date Martin Luther King will be assassinated 158 years later in 1968. April 4 1810 is 1777 years since Christ slept in the tomb by traditional dating.

The Bobby Kennedy and King dates are exactly 1033 days apart or exactly 3 draconic years. They are permanently embedded in the Metonic Cycle every 350 to 500 years. Lincoln's deathday and birthday eclipses are also 1033 days apart embedded in the Metonic Reality, exactly 3 eclipse years apart.

Aesthetic Numeric curiosity:

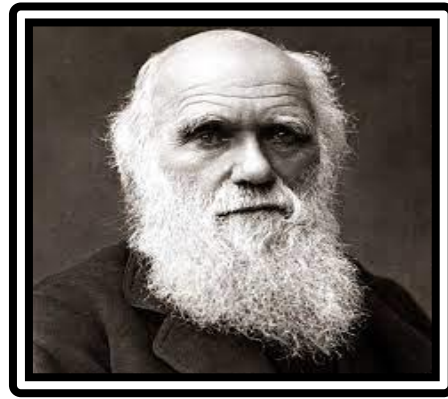
Double digit appearances- in day and month- in the four most famous assassinations in the history of the USA.

Lincoln's shooting has two fours: 4-14 (4-14-1865-Friday)

Martin Luther King's has two fours: 4-4 (4-4-1968-Thursday)

John F. Kennedy has two ones and two twos: 11-22 (11-22-1963-Friday)

Robert Kennedy has two sixes: 6-6 (6-6-1968-Thursday)



## **Darwin and Lincoln**

Charles Darwin was born on the exact same day as Abraham Lincoln, Feb 12 1809.

It is surely one of the great oddities of history that two of the most famous and influential people of modern times were linked in such a way. The nature of both their fame and influence were wildly different, of course.

Darwin came to worldwide prominence in 1860, after the Nov. 1859 publication of "Origin of Species" laid out his argument for natural selection.

Lincoln also came to worldwide prominence in 1860, capturing the Presidency after laying out his determination that America could not survive half-slave and half-free.

Lincoln was martyred at 56. Darwin had a heart attack at 72.

Darwin's death occurred at 4pm April 19th, 1882, seven years and a day before Hitler was born on April 20 1889.

Darwin shared the three birthday eclipses with Lincoln. It's unclear if he saw any of them.

Darwin's death day of Apr 19 first appears as an eclipse 57 years after his death (57 is a full 3 x 19-year Metonic cycle) on April 19 1939- in the last solar eclipse before WWII. It crossed extreme northern Europe hours before Adolf Hitler's 50<sup>th</sup> birthday on April 20 1939.

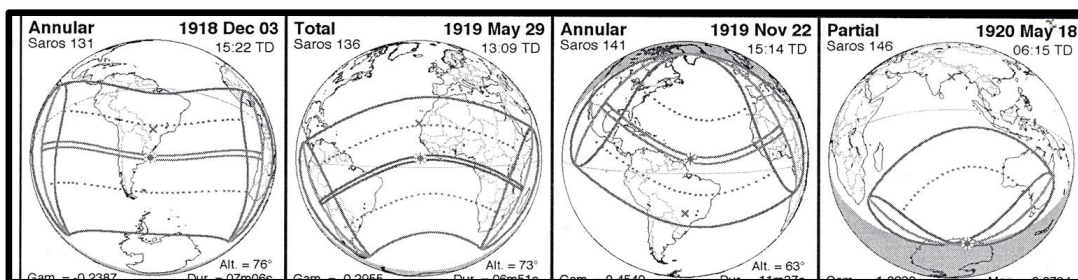


## JFK METONIC ECLIPSES ARE SIDE BY SIDE THROUGHOUT TIME

### THE EXTRAORDINARY JFK BIRTHDAY/DEATH DAY METONIC REALITY

As Abraham Lincoln was likely the Maximum Expression of American personality in the 19th Century, so John F. Kennedy was perhaps the Maximum Expression of that American Personality in the 20th century. In turn, the American Personality was clearly the maximum expression of personality in the global eye. That American Maximum Expression likely achieved its most influential maximum expression between 1947 and 1974, with midpoint around the murder of JFK.

John F. Kennedy was born May 29 1917 and was murdered on Nov 22 1963, the latter date being one of the most important in the post-civil war history of the United States. John F. Kennedy's birthday and death day have an unusual place in the Metonic Cycle. They reside side by side during his lifetime and in perpetuity. This means May 29th Eclipses will always be followed by a Nov 22nd eclipse that same



year (with a one-day possible variation on either end). I have calculated the odds at 2.6 million to one for any human, much less a President. But who knows?

Courtesy of NASA—Espenak and Meuss

Above, in the middle of the map, the Metonic of JFK birthday and death day sit side by side in 1919 when JFK is two years old. His birthday and death day are forever enshrined side by side in the cycle of eclipses 177 days apart (essentially one eclipse season or “semester series”). Since Kennedy was both born and killed on a Metonic, he was exactly 49 eclipse (Draconic) years old -minus a few days-when he was murdered. As we've noted elsewhere, Metonics are often given a one-day flexibility because of the realities of rotation, time zones, leap years and date lines.

#### Summary of JFK Metonic Eclipses in 20<sup>th</sup> Century/ JFK born May 29 1917 Died Nov 22 1963

May 28 1900 and Nov 22 1900. The first eclipses of the 20th century were on the JFK Metonic.

May 29 and Nov 22 1919 (when he turned 2) perfect birth and death day alignment eclipses. Both western hemisphere. One in the USA.

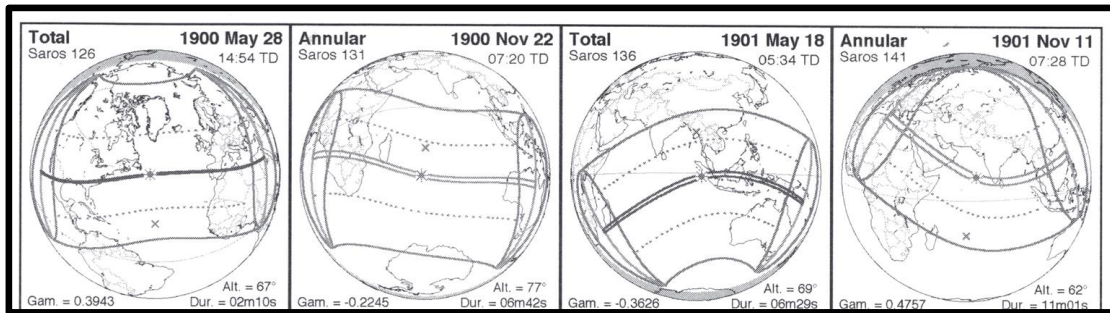
May 29 and Nov 22 1938, (when he turned 21) again perfectly on dates

May 30 and Nov 23 1946 (when he turned 29) 1946 is the year he's first elected to Congress). Both partial eclipses- on the 8-year Metonic lurch.

May 30 and Nov 22/23 1965 (2 years after death) the first complete solar eclipses on earth after his assassination occur on his birthday/death day back to back Metonic.

May 30 and Nov 22 1984 (21 years after his death). After 1984, the Metonic moves on with May 31st and Nov 23 2003 eclipses. By 2011, The Metonic has progressed to June 1st and Nov 25<sup>th</sup>.

## JFK METONIC: First Solar Eclipses of the 20<sup>th</sup> Century



Courtesy of NASA—Espenak and Meuss

In above map, the very first eclipses of the 20th Century are on the Kennedy Metonic--May 28 1900 (one day before his birthday 17 years later) and Nov 22 1900 (exact death day 63 years later). They are followed by the Mount Saint Helens/ John Paul II Metonic of May 18 -19 years before John Paul II birth and 79 years before Helen's Eruption and Armistice Day of Nov 11th right in a row.

**May 28 1900 Total (Saros 126)** The first solar eclipse of the 20th Century was a total Eclipse connecting many empires- past, present and future on the JFK birthday Metonic (he would be born 17 years later on May 29 1917). Beginning in the Pacific at sunrise, the eclipse crosses Mexico and hugs the US gulf Coast after crossing Corpus Christ (98% totality). It brings totality to New Orleans, Montgomery, Mobile and Raleigh--exiting at Virginia Beach. 98% totality in Washington DC. 92 % in New York City, 90% in JFK birthplace of Brookline, Mass.

The eclipse crosses the Atlantic to bisect Portugal and Spain, the first colonizers of the New World--entering at famous city of Porto, where the Romans had established trading operations in the centuries before Christ. Eclipse bisects Spain almost exactly 402 years after Columbus left on his third voyage to the Americas in 1498, and 400 years after Columbus was sent in chains back to Spain for trial in 1500.

The eclipse then traverses the Mediterranean and the path of totality directly crosses Algiers, Algeria, and Tripoli, Libya before ending a few miles south of the Valley of the Kings in Luxor, Egypt, which will be revisited by two eclipses in 2027 and 2034.

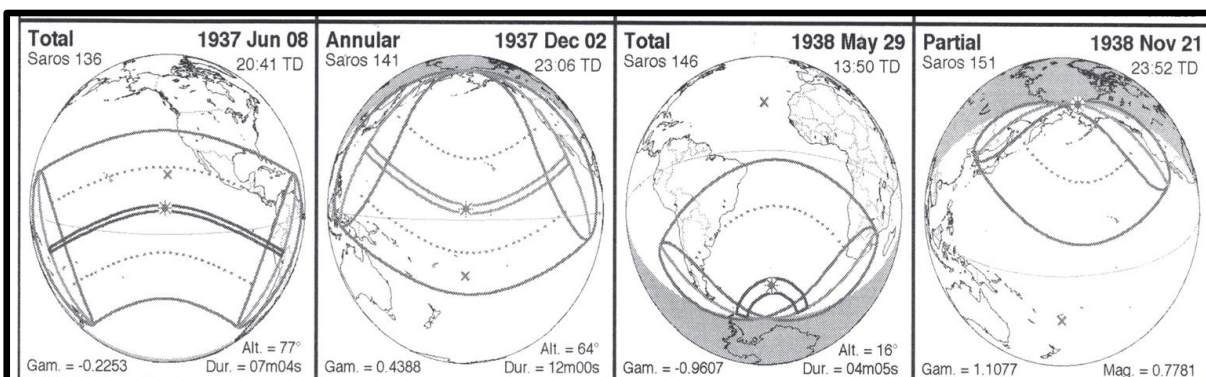
### **Nov 22 1900 (Saros 131)--Empire Connections**

The second eclipse of the 20th century occurs 63 years to the day before the Murder of John Kennedy.

It begins just east of Angola and crosses one of the most infamous slave sources in Africa, Benguela, the port where the first African slaves originated who were brought to Jamestown in 1619. The eclipse then travels across the southern part of the continent, exiting through Mozambique and southern tip of Madagascar. Path passes through much of northwest Australia before dying out.



## 1938 Metonic Pair May 29 and Nov 21/22



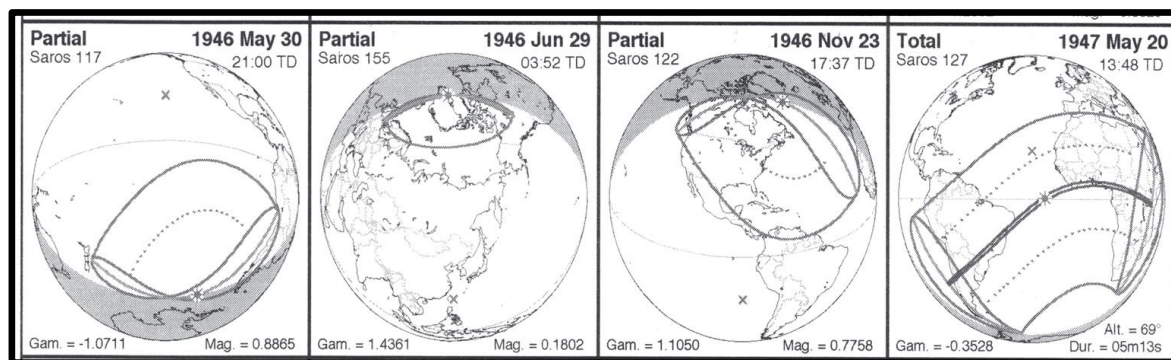
Courtesy of NASA—Esenak and Meuss

**May 29 1938 (Saros 146)** A solar eclipse occurs on Kennedy's 21st birthday over the site of Earnest Shackleton's Endurance Expedition 22 years after the climax of Shackleton's famed 800 mile traverse of the Antarctic Ocean and mountaineering traverse of South Georgia. (May 10 1916)

Reminder that an eclipse occurred on Abe Lincoln's 22nd birthday.

**Nov 21/22 1938 (Saros 151)** Death Day Metonic for a partial eclipse touching USA and USSR that says Nov. 21<sup>st</sup> on map, though straddling the date line, also was on Nov. 22 simultaneously. JFK's father Joseph Kennedy was appointed Ambassador to Britain in 1938.

## 1946 The Eight Year Lurch

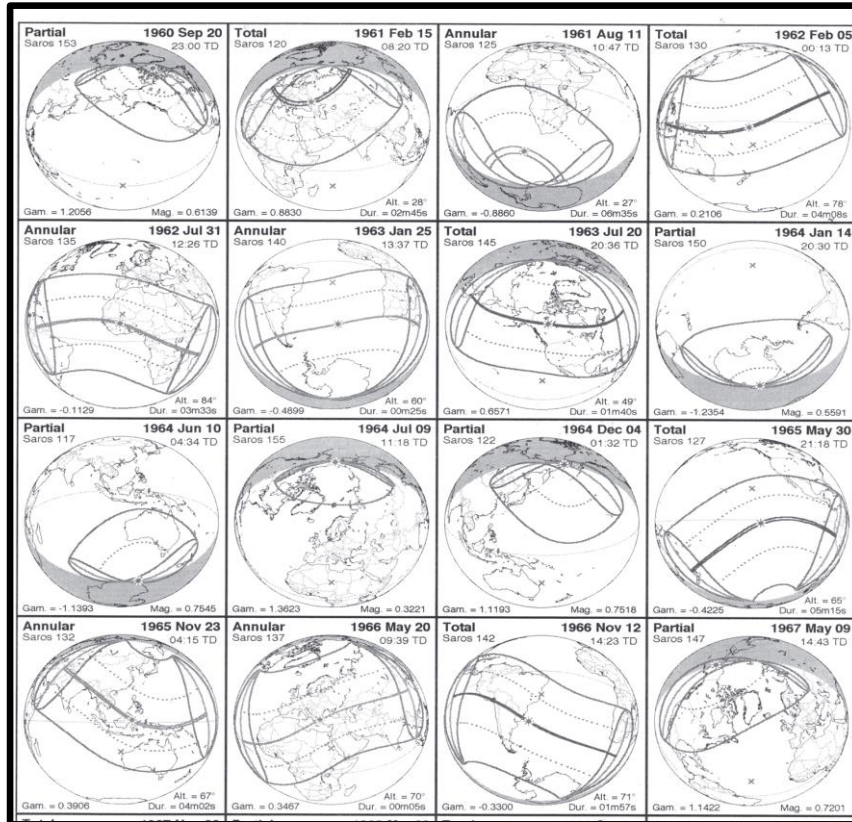


Courtesy of NASA—Esenak and Meuss

1946 is the year JFK is elected to Congress, 100 years after Lincoln is elected to Congress. In 1946, as the Metonic bends into its eight-year lurch, the days stretch out over two partial eclipses- still on the Metonic May 30 1946 and Nov 23 1946. They are separated by a partial eclipse on June 29, which barely registers (only 18% coverage of sun).

The November 23<sup>rd</sup> partial was visible in North America with 49% coverage in Massachusetts, where Kennedy won his election with 72% of the vote 18 days before on Nov 5 1946.

## 1960 to 1965, A Broad look at all solar Eclipses around JFK Assassination



Courtesy of NASA—Esenak and Meuss

Above map of all solar eclipses on earth between Sep 1960 and May 1967. 7 have JFK associations:

**1960 Sep 20 (Saros 153)** Last eclipse before US Election which elected JFK is a partial over the USA.

**1961 Feb 15 (Saros 120)** The first eclipse after the US election goes over the Iron Curtain and USSR

**1962 Feb 5 (Saros 130)** Eclipse over Solomon islands where JFK's boat PT 109 went down in 1943.

**1963 Jul 20 (Saros 145)** The last eclipse before JFK's assassination travels from Japan to the US six years to the day before Moon Landing. Totality only in Maine. 95 % in Boston.

**Jan 14/15 1964 (Saros 150)** The first solar eclipse after JFK murder is a partial on Martin Luther King's 35<sup>th</sup> birthday, stretching across two days due to South Pole location.

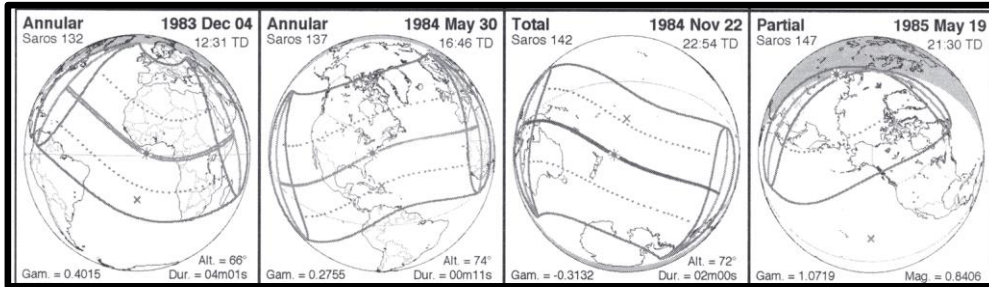
**May 30 1965 -Total (Saros 127)** First complete eclipse on earth after JFK assassination arrives on his Birthday Metonic 555 days after Dallas, one day after what would have been his 48<sup>th</sup> Birthday.

**Nov 22/ 23rd 1965 (Saros 132)** The next eclipse on earth is 177 days later and begins while it is still Nov 22 in the USA, with a solar eclipse over war-torn Southeast Asia on the 23rd. Southeast Asia has their 5th solar eclipse in 17 years!

In the week before this eclipse 240 US servicemen were killed in Vietnam, the most ever up until that time. 80 to 90% coverage in Solomon Islands, site of the sinking of Boat PT 109.

The first two complete solar eclipses on earth after JFK's assassination occur essentially on the birth and death day of the subject of that assassination.

## 1984 - LAST JFK METONIC



Courtesy of NASA—Esenak and Meuss

### May 30 1984 USA Ring of Fire (Saros 137) JFK Metonic Birthday

99.74% maximum in Virginia. 95% coverage in Washington DC. The white House of Reagan/Bush was darkened. JFK would have been celebrating his 67th Birthday hours before if he had not been murdered. True annularity in Atlanta, MLK's home and in New Orleans, birthplace of Lee Harvey Oswald and site of the JFK conspiracy trial. 90% in JFK's birthplace of Brookline Massachusetts, 80% in Dallas Texas, where he was murdered. 93% in New York City. The eclipse crosses the ocean and enters Africa over Casablanca (white house) and Marrakesh (Land of God) --ends in desert of the Sahara.

### Nov 22 1984 JFK Death Metonic Total (Saros 142)

177 days later. Total solar eclipse appearing in the same year as the JFK birthday Metonic for the last time, the 21st anniversary of the Kennedy Assassination is cosmically acknowledged. 2 and 1/2 weeks after the Reagan/Bush ticket sweeps to re-election in a landslide. These Metonic linked 5-30 and 11-22 eclipses are the only two solar eclipses of 1984. The only nation in the 11-22 path is Papua New Guinea, with totality in the capital of Port Moresby. Site of PT- 109 Kolombangara Island in totality.



Courtesy of National Archives

### PT-109 And John Kennedy

One of the most famous war stories in American history involves the heroics of young Lieutenant John F. Kennedy, who miraculously helped save his crew after their small boat was rammed by a Japanese destroyer on August 3 1943 in the Solomon islands of New Guinea, inside the eclipse path of the Nov 22 1984 solar eclipse 21 years to the day after his death. The incredible story of JFK's physical and mental heroism was enshrined in both a book and a movie, and Kennedy's indisputable

bravery helped propel him to the Presidency 20 years later.

### November 22 1984 was Thanksgiving Day.

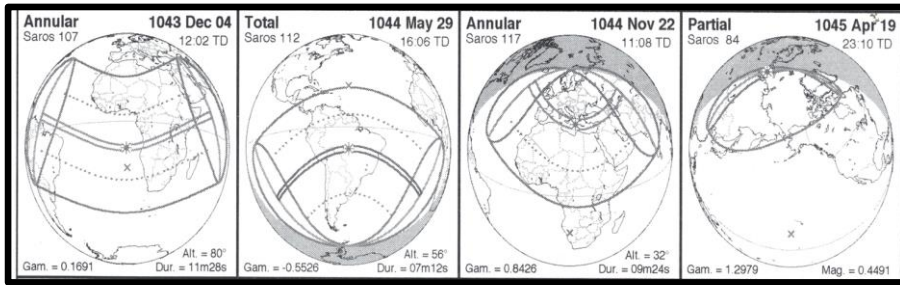
A powerful Nor'easter Storm began impacting the US Thanksgiving Day Nov 22 1984, beginning between Florida and Cuba. Presidential elections were 16 days prior. They brought one of the largest landslides in US history, with the Reagan/Bush ticket defeating Walter Mondale/ Geraldine Ferraro 525 electoral votes to 13, even winning JFK's home state of Massachusetts with 51.22 percent.

The number one song in America was "Wake me up Before you Go Go" by Wham. 1984 would be the last year JFK Birthday and Death Day Metonic would appear in the same year for several centuries They had begun in 1900, with the first two solar eclipses of the 20<sup>th</sup> Century. He would have been 67 in 1984. Both brother Robert Kennedy ( Nov. 20) and son John F. Kennedy Jr. ( Nov. 25) were born in bookends around that same November Metonic where he was martyred .

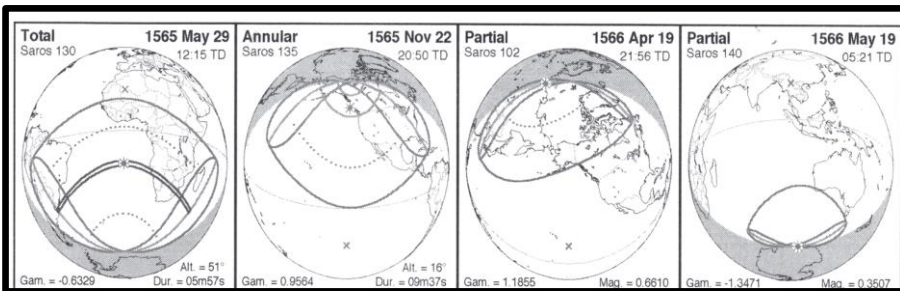
## Kennedy Metonic Appears around every 520 years. Here it is in 1044 AD

Yep, there's those days (May 29 and Nov 22) in the middle of the row again, except...in 1044 AD!

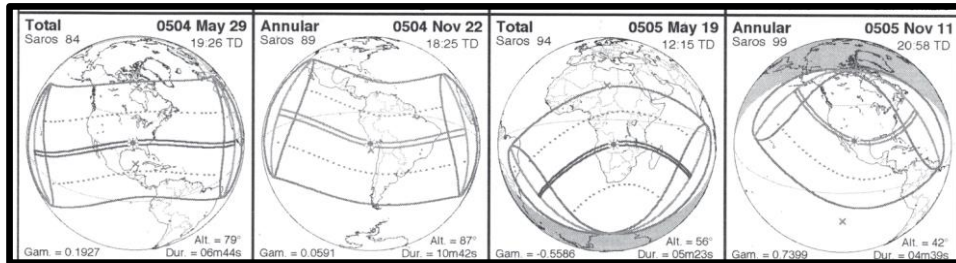
All images on page courtesy of NASA Espenak and Meuss



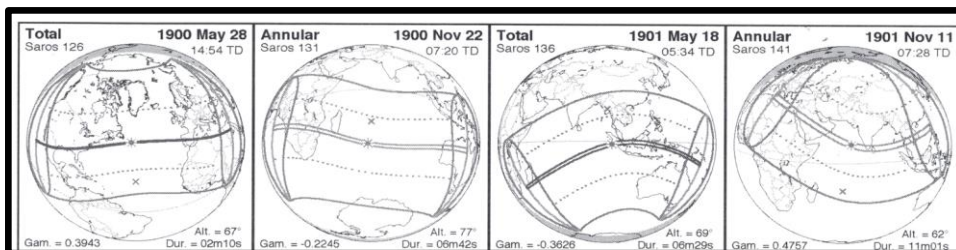
Here below is the Metonic in 1565 AD...first two in the row



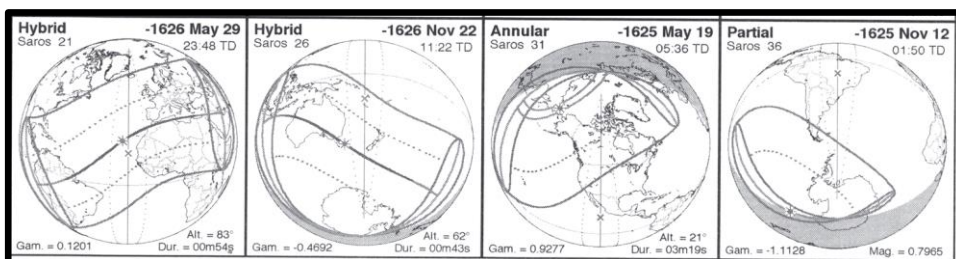
Look! Same days and Similar eclipses in the Metonic 1496 years apart between 504 AD and 1900 AD



compare to set below:



And way back when in 1626 BC:



## John F. Kennedy, CS Lewis and Aldous Huxley all died on November 22 1963

Three of the most interesting minds of western civilization all died within hours of each other on November 22 1963. Not only Kennedy but also:

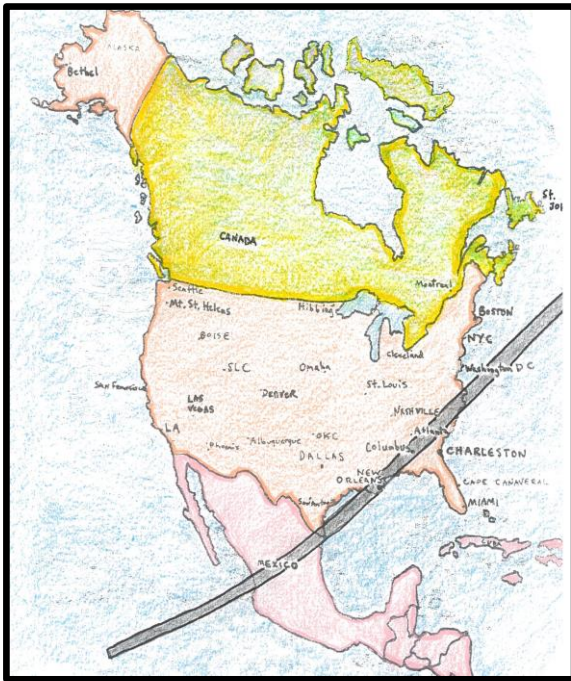


**CS Lewis.** Lewis was the greatest and most widely read Christian thinker of modern times, with many books of extraordinary clarity, humor and depth on the subject of the Christian faith. He was also the author of the Chronicles of Narnia series, widely considered the best children's book series of all time, with more than 100 million copies sold. He died 5:30 pm Greenwich Time Nov 22 1963 in Cambridge, England, one true hour before the shooting of President Kennedy at 12:30 pm CST in Dallas.

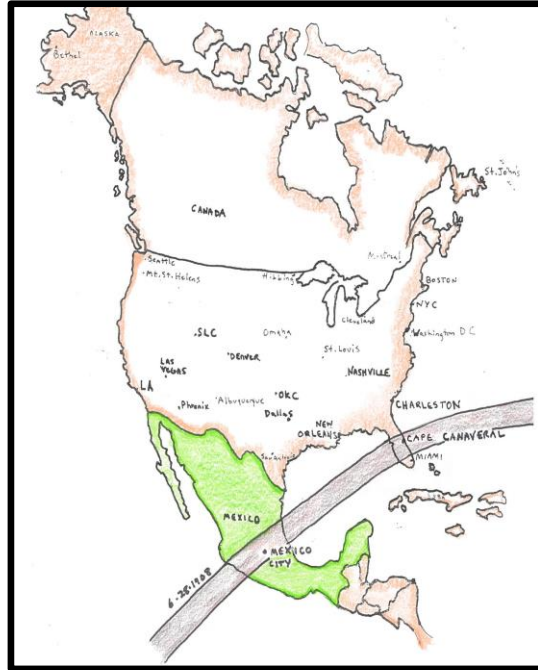
**Aldous Huxley.** Huxley was perhaps the most accurate futurist of the 20<sup>th</sup> Century, and, along with Lewis, one of the intellectual giants of 20<sup>th</sup> Century Britain. From a renowned family of Evolutionists and Atheists, he became a kind of scientific mystic. He wrote nearly 50 books, including the highly influential *Doors of Perception*, but is best known for his 1932 novel, *Brave New World*, which envisioned a future society drugged and pleased into passive submission. He died in California at around 5:30 pm Pacific Time, seven hours after JFK and eight hours after Lewis.



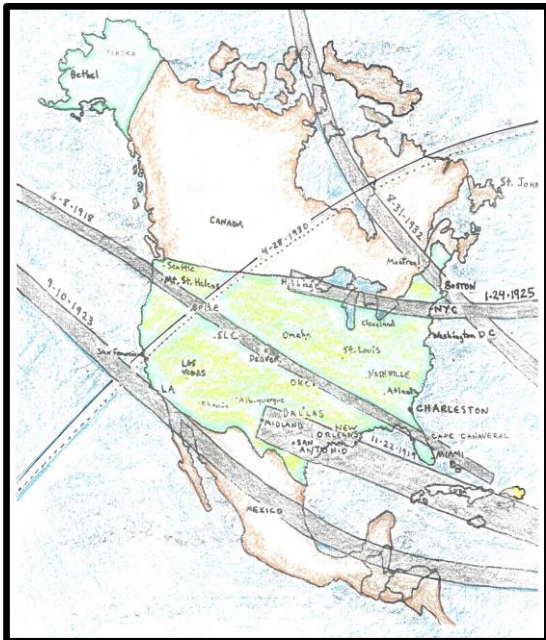
## Overview of all Solar Eclipses in USA 1900 to 1984



Above: USA to Egypt May 28 1900  
(Kennedy's Birthday Metonic)

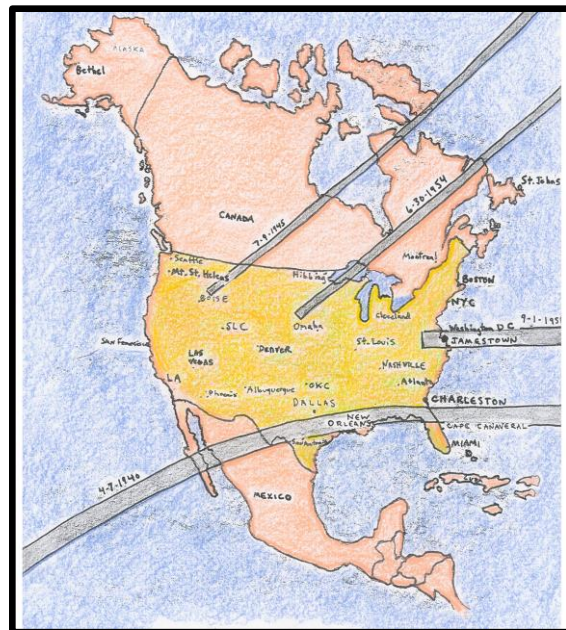


Above: Temple of Sun/ Cape Kennedy Jun 28 1908  
( site of Moon Launch/ Cape Canaveral in path)



Above: Eclipse Swarm 1918 to 1932

Boston next to path of 1925 and 1932 eclipses.  
1918 Cross Country eclipse Cape Kennedy.  
11-22-1919 JFK Death Premonition



Above: 1940 to 1954 Emanations  
Includes 7-9-1945 A Bomb USA to USSR  
1951 Jamestown to Angola



**Oct 2 1959 Boston Single City (Saros 143)** Total Eclipse begins just west of Boston and gives that city a total solar eclipse for the first time since 1806 (it won't have another until 2200) just as its most famous modern son is campaigning for the Presidency of the United States. Kennedy gives a speech that night on the campaign trail in Rochester, New York. It is the only major city in America to witness the eclipse. Kennedy would be elected President the following year on Nov. 8<sup>th</sup>.

**Jul 20 1963 Japan to USA Total ( Saros 145)** 97 % at Bush Family Compound in Kennebunkport Maine four months before JFK murder.

**Mar 7 1970 USA Eastern Seaboard ( Saros 139)** Total Eclipse. the southeastern seaboard had

mostly cloudy weather though Florida remained fair. 93% totality at Cape Canaveral 230 days after men landed on the moon. Totality at Charleston South Carolina, the greatest Slave Port in North America..

95 % totality in Washington D.C., 96% in New York and 97% in Boston. Totality in Cape Cod, home of the Kennedy's



At Left : 1979 and 1984 Eclipses

**Feb 26 1979 Mount Saint Helens/Microsoft**

**May 30 1984 JFK 67<sup>th</sup> Birthday –Washington, Atlanta, New Orleans**