

Medieval Astrology Profile for Benjamin Silliman

V1. 30-Jan-2009. 7:33:04 PM, ASC 27AQ14'46". V.2. 7-Feb-2021 11:03:18 AM, ASC 25LI49'16"

Introduction to delineation of appearance and character in natal astrology. The following document is a hand-written analysis of **Benjamin Silliman**, using the principles of medieval predictive astrology. The discipline of natal astrology focuses on the fate of an individual based on a horoscope cast for the moment of birth. Within natal astrology, the 1st house occupying the eastern horizon at birth describes the native: physical vitality, appearance, and character. Between the Hellenistic and Medieval eras several specialized models were developed to assess these characteristics. They include **longevity** (vitality and length of life), **physiognomy** (form and shape of the face and body), **victor of the chart** (overall life purpose), **manners** (social conduct including ethical behavior), and **temperament** (elemental mix of fire, earth, air, and water with applications in medical astrology). Prior research has presented models and results for longevity (*A Rectification Manual: The American Presidency*, Chapter 4) and physiognomy (*Astrological Physiognomy: History and Sources & Astrological Physiognomy: Empirical Tests of the Leo Rising Decan*).

Victor of the Chart. Included are two competing models for computing the victor of the chart said to be the single most powerful planet in the horoscope. According to Plato's follower Porphyry, by configuration in the natal horoscope the planet signifying the victor of the chart shows the life choice made by the soul prior to incarnation. Plato explains the details of his soul model in *The Myth of Er* found in the closing pages of his work *The Republic*. Porphyry and his peer Antiochus offer specific rules for determining the victor of the chart. The method of Antiochus/Porphyry is compared to a later method for determining the victor suggested by the Jewish Rabbi Abraham ben Meir ibn Ezra, a philosopher and astrologer active in the 12th century. For a discussion of these two models, see the companion paper *Victor of the Chart: Testing Methods of Antiochus/Porphyry and Ibn Ezra*, which serves as a key to what is presented here.

Manners. Plato was not alone among Greek philosophers in conceiving models for the soul. Aristotle's model of vegetative, sensitive, and intellective soul levels (assigned respectively to the plant, animal, and human kingdoms) was taken up by Ptolemy, who found a correspondence between the sensitive and intellective soul and Moon and Mercury in the natal horoscope. Configuration of the Moon and Mercury, with special emphasis given to their rulers, is a second method for analyzing the soul. Ptolemy introduces this model in *Tetrabiblos III.13* "Of the Quality of the Soul." Subsequent authors refer to this model as "Significators of the Soul" or "Manners." A summary template for the Moon and Mercury is presented in the paper and will be further developed in future versions.

Acknowledgements

Birth Data

Benjamin Silliman, 8-Aug-1779, New Haven, CT, untimed.

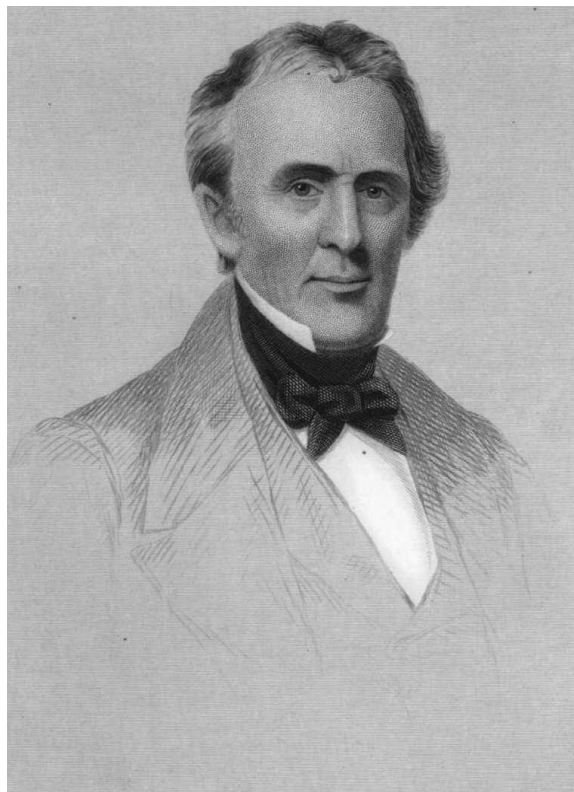
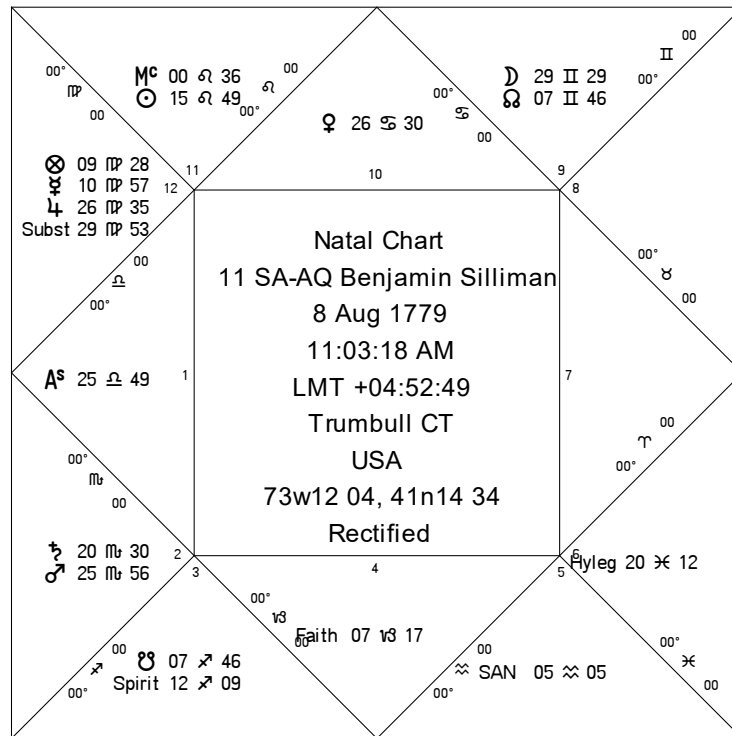
No Astrodatabank record. Rectified herein by Regulus Astrology LLC

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Benjamin Silliman



Benjamin Silliman (August 8, 1779 – November 24, 1864)

Benjamin Silliman was an early American chemist and science educator. He was one of the first American professors of science, at Yale College, the first person to distill petroleum in America, and a founder of the *American Journal of Science*, the oldest continuously published scientific journal in the United States.

Silliman was born in a tavern in North Stratford, now Trumbull, Connecticut, a few months after his mother, Mary (Fish) Silliman (widow of John Noyes), fled for her life from their Fairfield, Connecticut, home to escape two thousand invading British troops that burned Fairfield center to the ground. The British forces had taken his father, General Gold Selleck Silliman, prisoner in May 1779.

Silliman was educated at Yale, receiving a B.A. degree in 1796 and a M.A. in 1799. He studied law with Simeon Baldwin from 1798 to 1799 and became a tutor at Yale from 1799 to 1802. He was admitted to the bar in 1802. That same year he was hired by Yale President Timothy Dwight IV as a professor of chemistry and natural history despite his never having studied chemistry. To prepare for this new position, Silliman studied chemistry with Professor James Woodhouse at the University of Pennsylvania in Philadelphia and delivered his first lectures in chemistry at Yale in 1804. These lectures were the first science lectures ever given at Yale. In 1805, he traveled to Edinburgh for further study.

Returning to New Haven, he studied its geology, and made a chemical analysis of the meteorite that fell near Weston, Connecticut, publishing the first scientific account of any American meteorite. He lectured publicly at New Haven in 1808 and came to discover many of the constituent elements of many minerals. Some time around 1818, Ephraim Lane took some samples of rocks he found at an area called Saganawamps, now a part of the Old Mine Park Archeological Site in Trumbull, Connecticut, to Silliman for identification. Silliman reported in his new *American Journal of Science*, a publication covering all the natural sciences but with an emphasis on geology, that he had identified tungsten, tellurium, topaz and fluorite in the rocks. He played a major role in the discoveries of the first fossil fishes found in the United States. In 1837, the first (and at the time only) prismatic barite ore of tungsten in the United States was discovered at the mine. The mineral sillimanite was named after Silliman in 1850. Upon the founding of the Medical School, he also taught there as one of the founding faculty members.

In 1833 he discussed the relationship of Flood geology to the Genesis account, and also wrote about this topic in 1840.

Silliman was an early supporter of coeducation in the Ivy League. Although Yale wouldn't admit women as students until over 100 years later, he allowed young women into his lecture classes. His efforts convinced Frederick Barnard, later President of Columbia College, that women ought to be admitted as students. "The elder Silliman, during the entire period of his distinguished career as a Professor of Chemistry, Geology and Mineralogy in Yale College, was accustomed every year to admit to his lecture-courses classes of young women from the schools of New Haven. In that institution the undersigned had an opportunity to observe, as a student, the effect of the practice, similar to that

which he afterward created for himself in Alabama, as a teacher. The results in both instances, so far as they went, were good; and they went far enough to make it evident that if the presence of young women in college, instead of being occasional, should be constant, they would be better."

American historian David McCullough mentions in his book about early 19th century Americans in Paris that in 1825 Professor Benjamin Silliman while on a tour of Europe conferring with other scientists encountered his former Yale science student Samuel F. B. Morse in the Louvre. McCullough also relates that Silliman would later become president of the college.

As professor emeritus, he delivered lectures at Yale on geology until 1855; Benjamin Silliman Sr had been the first person to use the process of fractional distillation, and, in 1854, Benjamin Silliman Jr became the first person to fractionate petroleum by distillation.

In 1864, Silliman noted oil seeps in the Ojai, California area. In 1866, this led to the start of oil exploration and development in the Ojai Basin.

Like his son-in-law James Dana, Silliman was a Christian. In an address delivered before the *Association of American Geologists* he spoke in favor of old-earth creationism, stating:

It is already admitted by multitudes, that the chronology of the Scriptures is, in strictness, applied only to the history of our race, the sole moral beings whom God has placed in this World; while all that precedes man in the creation, is limited, in duration backwards, only by that beginning, whose date is known to no being but the infinite Creator, and which certainly precedes, by many ages, the creation of man.

— *Silliman, (1842)*

In the same line of thought, he posed arguments against atheism and materialism.

1807 meteor

At 6:30 in the morning of December 14, 1807, a blazing fireball about two-thirds the size of the moon, was seen traveling southwards by early risers in Vermont and Massachusetts. Three loud explosions were heard over the town of Weston in Fairfield County, Connecticut. Stone fragments fell in at least 6 places. The largest and only unbroken stone of the Weston fall, which weighed 36.5 pounds (16.5 kilograms), was found some days after Silliman and Kingsley had spent several fruitless hours hunting for it. The owner, a Trumbull farmer named Elijah Seeley, was urged to present it to Yale by local people who had met the professors during their investigation, but he insisted on putting it up for sale. It was purchased by Colonel George Gibbs for his large and famous collection of minerals; when the collection became the property of Yale in 1825, Silliman finally acquired this stone; the only specimen of the Weston meteorite that remains in the Yale Peabody Museum collection today.

Personal life

His first marriage was on September 17, 1809, to Harriet Trumbull, daughter of Connecticut governor Jonathan Trumbull, Jr., who was the son of Governor Jonathan Trumbull, Sr. of Connecticut, a hero of the American Revolution. Silliman and his wife had four children: one daughter married Professor Oliver P. Hubbard, another married Professor James Dwight Dana (Silliman's doctoral student until 1833 and assistant from 1836 to 1837); and youngest daughter Julia married Edward Whiting Gilman, brother of Yale graduate and educator Daniel Coit Gilman. His son Benjamin Silliman Jr., also a professor of chemistry at Yale, wrote a report that convinced investors to back George Bissell's seminal search for oil. His second marriage was in 1851 to Mrs. Sarah Isabella (McClellan) Webb, daughter of John McClellan. Silliman died at New Haven and is buried in Grove Street Cemetery.

Legacy

Silliman deemed slavery an "enormous evil". He favored colonization of free African Americans in Liberia, serving as a board member of the Connecticut Colonization Society between 1828 and 1835. He was elected a member of the American Antiquarian Society in 1813, and an Associate Fellow of the American Academy of Arts and Sciences in 1815. Silliman founded and edited the *American Journal of Science*, and was appointed one of the corporate members of the National Academy of Sciences by the United States Congress. He was also a member of the American Association for the Advancement of Science.

https://en.wikipedia.org/w/index.php?title=Special:CiteThisPage&page=Benjamin_Silliman&id=954628987&wpFormIdentifier=titleform

Research Interests

Regulus USA National Horoscope, Saturn/Aquarius Ascendant Distribution

Rectification

Available Birth Data

No birth time data was found. This rectification is speculative from a 24-hour time window. My interest in Silliman is based on a search of prominent individuals to the themes of the Saturn/Aquarius Ascendant distribution. By timing, Josiah Holbrook is the best example. Holbrook created the Lyceum movement which served as an educational venue for a variety of topics ranging from abolition to science. Lacking birth data for Holbrook, I selected his Yale science teacher Benjamin Silliman. My initial 2012 rectification placed the Ascendant degree in the bound of Saturn/Aquarius as a potential link to the Ascendant distribution. The revised 2020 rectification, still based on limited data without recourse to a full biography, places the Ascendant in Libra with Aquarius as the rising decan. ZRS places Silliman in L1 Aquarius between 1818 and 1847 which overlaps the specific dates of Saturn/Aquarius as Ascendant Distributor (18-Mar-1827 to 24-Jun-1830).

Proposed Rectification

Benjamin Silliman

8-Aug-1779

11:03:18 AM

LMT +04:52:49

Trumbull, CT

73w12'04"

41n14'34"

ASC 25LI49'16"

Stage I. Determine the Ascendant sign

Firdaria

Though limited in number of events and highly speculative, Silliman's appointment as a Yale science teacher (Mercury-Saturn) and election to the American Antiquarian Society (Moon-Saturn) favor the diurnal Firdaria series. Saturn is the significator of science.

Moon's Sign and configuration

Time	Moon's Degree	Sect	Configuration
12:00 AM	22GE46	N	Moon separates from Sun and applies to Jupiter
5:06 AM	25GE51	D	Moon separates from Sun and applies to Jupiter
6:13 AM	26GE33	D	Moon separates from Jupiter and is VOC
11:53 AM	00CA00	D	Moon applies to Mercury
7:03 PM	4CA23	N	Moon applies to Mercury
12:00 AM	7CA26	N	Moon applies to Mercury

Moon is either in Gemini or Cancer. An interest in science and learning favors Gemini over Cancer. This is confirmed by dsa Saturn 28SA09 (opposed nMoon 28GE?) for the death of his mother on 2-Jul-1818 and dsa Saturn 29SA06 (opposed nMoon 29GE?) for the death of his four-year-old son Jonathan Trumbull Silliman on 27-Jun-1819. If these measurements are correct, the implicit Moon's configuration is the Moon's separation from Jupiter and VOC. If correct, the choice of Moon in Gemini combined with a diurnal Firdaria series limits the birth time range from 5:06 AM to 11:53 AM which corresponds to an Ascendant range from 15LE35 – Virgo – Libra – to 5SC48.

ZRS

Silliman's horoscope is an example of how ZRS plays a crucial role in establishing the Ascendant sign in Stage I rectification. A principal legacy of his career was the creation of the American Journal of Science, the first such publication on scientific topics, primarily geology, in the history of the United States. For L.Spirit in Sagittarius, L1 Aquarius begins 16-Jan-1818 and spans to 12-Aug-1847. Saturn/Scorpio will prove the victor of the horoscope. Its rulership of the fixed air sign Aquarius, the sign most closely related to science, initiates a major chapter in Silliman's life. Note that Saturn/Scorpio occupies the superior square of the sign of Aquarius.

Conclusion: L.Spirit in Sagittarius implies an Ascendant degree range of 13LI to 14SC.

Configuration of the Chart

For a scientist, Libra rising with Ascendant lord Venus/Cancer does not appear a good match at first glance. For Silliman, this configuration is a delineation match to his tolerance of women as students of science. Silliman allowed women to attend his scientific lectures which was extremely rare in his day.

Stage II. Determine the Ascendant's range within 1-4 degrees

Sensitive Degrees

For this horoscope, I will depart slightly from the three stages of rectification by not refining the exact Ascendant sign at the close Stage I. At this point the Ascendant degree range is 61 degrees, just over

2 signs. For Silliman, transits to the ASC/DSC axis as well as the Lot of Fortune are decisive in refining the Ascendant sign to Libra and a degree range of 24-26 Libra.

10-Sep-1809. *trNorth Node conj ASC*.

15-Nov-1809. *dsa Jupiter conj ASC*. (note marriage to 2nd wife occurs with *trJup conj ASC*).

1st marriage to Harriet Trumbull, 17-Sep-1809.

21-Jul-1814. *trJup conj LOF*.

Birth of son Jonathan Trumbull Silliman, 14-Aug-1814.

21-Sep-1851. *trJupiter conj ASC*. (note marriage to 1st wife occurs with *dsa Jup conj ASC*)

2nd marriage to Sarah Isabella McClellan, 17-Sep-1851.

23-Nov-1864. *trSaturn conj ASC*.

Death, 24-Nov-1864.

24-Apr-1875. *trJupiter-rx conj ASC*.

Death of 2nd wife Sarah Isabella McClellan, 23-Apr-1875.

This set of measurements is one of the most consistent set of transits to the Asc degree that I have encountered and for all practical purposes concludes the rectification. Measurements beyond these are really not necessary to define a viable Ascendant for most research purposes.

Physiognomy

For a final rectified Ascendant of 25LI49, the third Gemini decan rises. Lord Mercury is in Virgo, a mutable sign, whose features are more variable than other signs. Photographs of Silliman in later years show fat lips. This can be the result of either Venus/Cancer ruling the Ascendant sign Libra, or Mercury/Virgo, ruler of the rising decan, placed in the bound of Venus/Virgo ruled by Venus/Cancer.

Does Silliman look youthful or boyish? This is a typical trait for Virgo men. It is also more susceptible to confirmation bias and a difficult case to judge for Silliman because in youth and middle age I only found an oil painting and a drawing (shown on page 2). Photographs are available only in later years. The only falsifiable metric for the Virgo contribution to the face is a lack of wrinkles, e.g., smooth skin, which the person maintains longer in life than the average person, and is the source of a youthful appearance. We can also look for features which are 'drawn,' e.g., the relative size of the nose and mouth is smaller in scale relative to the dimensions of the entire face. On this criteria, I can't make a judgement, especially since the influence of Venus/Cancer on the lips tends to the opposite effect.

Overall, I would say there is nothing inconsistent about the shape of Silliman's face and the rising decan physiognomy model. But it is hardly a definitive rectification step.

Stage III. Determine the exact Degree and Minute of the Ascendant

Solar Arc Directions

15-Nov-1809. *dsa Jupiter conj ASC*.

7-Mar-1810. *csa ASC conj Jupiter*.

1st marriage to Harriet Trumbull, 17-Sep-1809.

Birth of daughter Maria Trumbull Silliman, 16-Jun-1810.

2-Jan-1818. *dsa MC sq Nodes*.

2-Jul-1818. *csa Nodes sq MC*.

Founded American Journal of Science, 1818 (no date)

Death of mother Mary, 2-Jul-1818, exact date. Rectification is based on this measurement. Note the MC degree is Leo with Sun/Leo/10th. Mother was a famous Revolutionary War heroine the subject of a posthumous book "The Way of Duty: A Woman and her Family in Revolutionary America" published in 1984 and presented as a PBS film "Mary Silliman's War" in 1991. The influence of Leo on the mother favors solar arc directions, instead of primary directions, as timer of events for the mother.

13-Nov-1819. *dsa Saturn opposed Moon*.

30-May-1820. *csa Moon opposed Saturn*.

Death of 4yr old son Jonathan Trumbull Silliman, 27-Jun-1819.

Primary Directions

REG	D	Saturn/Gemini	P	Moon (MO) d. => North Node	18-Sep-1805
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Birth of Benjamin Silliman Jr., 14-Sep-1805.

PT	D	Venus/Libra	P	ASC d. => Saturn (SA)	5-Apr-1808
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There are six permutations of ASC-Saturn directions from 5-Apr-1808 to 18-Apr-1818.

In 1808, Silliman began public scientific lectures in New Haven.

With Saturn significator of science and the victor, we would expect significant events related to Silliman's scientific career for ASC-Saturn directions. These public lectures follow his initial lectures for Yale students which started four years earlier in 1804.

PT	D	Saturn/Gemini	P	Moon (O) c. => MC	23-Dec-1812
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Birth of daughter Faith Wadsworth Silliman, 18-Dec-1812.

PT	D	Mars/Leo	P	Sin sextile Moon (BI) c. => ASC	13-Sep-1851
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2nd Marriage to Sarah Isabella McClellan, 17-Sep-1851.

PT	D	Saturn/Taurus	P	Opposition Mars (O) c. => Sun	4-Oct-1864
REG	D	Saturn/Taurus	P	Opposition Mars (O) c. => Sun	10-Dec-1864

Death, 24-Nov-1864.

Investigating the Victor of the Chart a/c Antiochus/Porphyry – Stage I – Identify

Significator	Position	☉	☽	♊	♋	♌	♍	♎
MC degree	0LE36							
* MC degree - sign ruler		1						
MC degree - bound ruler						1		
MC degree - dwad ruler	7LE12	1						
* Planet in MC sign		1						
* Planet in MC bound								
Asc degree	25LI49							
* Asc degree - sign ruler					1			
Asc degree - bound ruler					1			
Asc degree - dwad ruler	9LE48	1						
* Planet in Asc sign								
* Planet in Asc bound								
Moon degree	29GE29							
* Moon degree - sign ruler				1				
Moon degree - bound ruler								1
Moon degree - dwad ruler	23TA48				1			
Sun degree	15LE49							
Sun degree - sign ruler		1						
Sun degree - bound ruler								1
Sun degree - dwad ruler	9AQ48							1
Pars Fortuna degree	9VI28							
* Pars Fortuna degree - sign ruler				1				
Pars Fortuna degree - bound ruler					1			
Pars Fortuna degree - dwad ruler	23SA36						1	
Pars Spirit degree	12SA09							
Pars Spirit degree - sign ruler							1	
Pars Spirit degree - bound ruler					1			
Pars Spirit degree - dwad ruler	25AR48					1		
Syzygy degree	5AQ05							
Syzygy degree - sign ruler								1
* Syzygy degree - bound ruler				1				
Syzygy degree - dwad ruler	1AR00					1		
Planet Phases								
* Rising within 7 days								
* Setting within 7 days								
Acronycal rising								
* Station within 7 days								
Total (Sign only)		2	0	2	1	0	1	1
Total (Bound only)		0	0	1	3	0	1	2
Total (Dwad only)		2	0	0	1	2	1	1
Total (Sign + Bound)		2	0	3	4	0	2	3
Total (Sign + Bound + Dwad)		4	0	3	5	2	3	4
Total		4	0	3	5	2	3	4

Investigating the Victor of the Chart a/c Antiochus/Porphry – Stage II – Evaluate

SECT	☉	☽	♂	♀	♂	♂	♂
Diurnal planets: Is the chart diurnal?	1					1	1
Diurnal planets: Placed on same horizon as Sun?						1	
Diurnal planets: Placed in masculine sign?	1						
Nocturnal planets: Is the chart nocturnal?							
Nocturnal planets: Placed on opposite horizon as Sun?					1		
Nocturnal planets: Placed in feminine sign (except Mars)?				1			
Is Mercury diurnal on diurnal chart, or nocturnal on nocturnal chart?							
SOLAR PHASE	☉	☽	♂	♀	♂	♂	♂
Velocity	0.57	14.39	1.20	1.13	0.28	0.11	0.01
Latitude		1n46	0s17	0n22	2s28	1n09	2n05
Superiors oriental or inferiors occidental?			1				
ADVANCED: SUPERIOR PLANETS							
Superior: Cazimi - Conjunct Sun							
Superior: Oriental - Combust							
Superior: Oriental - Under sunbeams							
Superior: Oriental - Rising to waxing sextile							
Superior: Oriental - Waxing sextile to square							
Superior: Oriental - Square to 1st station							
Superior: Oriental - 1st station (retrograde)							
Superior: Oriental - Retrograde to acronycal rising							
Superior: Acronycal rising							
Superior: Occidental - Opposition to 2nd station							
Superior: Occidental - 2nd station (direct)							
Superior: Occidental - From 2nd station to waning square					1		1
Superior: Occidental - Waning square to sextile							
Superior: Occidental - Sextile to sinking						1	
Superior: Occidental - Under sunbeams							
Superior: Occidental - Combust							
ADVANCED: INFERIOR PLANETS							
Inferior: Cazimi - Retrograde conjunction							
Inferior: Oriental - Retrograde combust							
Inferior: Oriental - Retrograde under sunbeams							
Inferior: Oriental - Rising to 1st direct station							
Inferior: Oriental - 1st direct station							
Inferior: Oriental - From 1st direct station to sinking				1			
Inferior: Oriental - Direct under sunbeams							
Inferior: Oriental - Direct combust							
Inferior: Cazimi - Direct conjunction							
Inferior: Occidental - Direct combust							
Inferior: Occidental - Direct under sunbeams							
Inferior: Occidental - Rising to 2nd retrograde station			1				
Inferior: Occidental - 2nd retrograde station							
Inferior: Occidental - From 2nd station to setting							
Inferior: Occidental - Retrograde under sunbeams							
Inferior: Occidental - Retrograde combust							

Investigating the Victor of the Chart a/c Antiochus/Porphry – Stage II – Evaluate

HOUSE POSITION	☉	☽	♂	♀	♂	♂	♂
Relative to Ascendant							
Whole Sign House Position (ASC): Angle				1			
Whole Sign House Position (ASC): Succedent	1				1		1
Whole Sign House Position (ASC): Cadent		1	1			1	
Relative to Lot of Fortune							
Whole Sign House Position (LOF): Angle		1	1			1	
Whole Sign House Position (LOF): Succedent				1			
Whole Sign House Position (LOF): Cadent	1				1		1
Relative to Lot of Spirit							
Whole Sign House Position (LOS): Angle		1	1			1	
Whole Sign House Position (LOS): Succedent				1			
Whole Sign House Position (LOS): Cadent	1				1		1
House of Joy							
Whole Sign House of Joy							
Quadrant Placement relative to Sex							
Masculine planets in masculine quadrants (4,5,6,10,11,12)	1					1	
Feminine planets in feminine quadrants (1,2,3,7,8,9)		1		1			
ESSENTIAL DIGNITY	☉	☽	♂	♀	♂	♂	♂
Dignity - Sign	1		1		1		
Dignity - Exaltation			1				
Dignity - Exaltation degree							
Dignity - Triplicity - Diurnal	1						
Dignity - Triplicity - Nocturnal					1		
Dignity - Triplicity - Participating							
Dignity - Bound							
Dignity - Decan							
Dignity - Fall							
Dignity - Detriment						1	
PLANETARY/NODAL CONFIGURATION	☉	☽	♂	♀	♂	♂	♂
Moon's configuration							
From which planet does the Moon separate?						1	
To which planet does the Moon apply?							
Reception							
Which planets are received by sign?	in	1	in		in	1	1
Mutual reception by sign							
Which planets are received by exaltation?			in	1		1	
Mutual reception by exaltation							
Which planets are received by bound?	1		1	1	1	1	1
Mutual reception by bound							
Position relative to the Nodes							
Conjunct the North Node by sign?							
Conjunct the North Node within 12 degrees?							
Conjunct the South Node by sign?		1					
Conjunct the South Node within 12 degrees?							
Square the Nodes within 5 degrees?			1				
TIME LORDS	☉	☽	♂	♀	♂	♂	♂
Day ruler	1						
Planetary Hour ruler						1	

Template for Investigation of Manners

MANNERS	-----	☉	☽	♄	♀	♂	♃	♅
MOON 29GE29								
Sign Ruler	♄ ♀							
Bound	♄ ♀							
Bound Ruler	♄ ♀							
Mubtazz Scoring- single point	♄ ♀			1				1,1,1
Mubtazz Scoring – early medieval	♄ ♀			5				3,2,1
Mubtazz Scoring – late medieval	♄ ♀			5,3			3	3,2,1
Fixed Stars								
Moon conj Menkalinan 1 57' (Charioteer)	♄ ♀							
Moon conj Tejat 1 34' (Gemini)	♄ ♀							
Saturn conj Agena 0 55' (Centaur)	♃ ♀							
Saturn conj Unukalhai 0 49' (Serpent)	♄ ♀							
MERCURY 10VI57								
Sign Ruler	♄ ♀							
Bound	♀ ♀							
Bound Ruler	♀ ♀							
Mubtazz Scoring for Mercury – single point	♄ ♀ or ♀ ♀			1,1	1,1			1
Mubtazz Scoring for Mercury – early Medieval	♄ ♀			5,4	3,2			1
Mubtazz Scoring for Mercury – late Medieval	♄ ♀		3	5,4	3,2	3		1
Fixed Stars								

KEY – Mubtazz Scoring

Single point: assigns 1 point for each essential dignity

Early medieval: sign 5, exaltation 4, bound 3, primary triplicity lord 2, decan 1. Used by al-Kindī and Māshā'allāh.

Late medieval: sign 4, exaltation 4, triplicity lords (all) 3, bound 2, decan 1. Used by Schoener; taught by Zoller.

Fixed Stars from Janus 4.3 software. Criteria: conjunction within 2 degrees longitude.

Additional

Moon's Configuration: Moon separates from Jupiter and is VOC, diurnal, conjunctional.

Moon-Mercury whole sign aspect? Yes. Moon and Mercury are in square aspect.

Do scoring methods agree? Mercury (sign-based); Saturn-Venus (bound-based).

Model Summary

(for model details see www.regulus-astrology.com/research.html)

Physiognomy

Ascendant sign: Libra

Ascendant sign ruler: Venus/Cancer

Ascendant decan: Gemini

Ascendant decan ruler: Mercury/Virgo

Planets/Nodes placed in the Ascendant sign or decan: n.a.

Longevity: 85y 3m 17d

Releaser and kadukhudhāh. Figure is diurnal and Sun/Leo/11th qualifies and may function as both releaser and kadukhudhāh. If so, Sun grants 120 major years; both Saturn and Mars deduct 30 and 15 minor years respectively by square aspect. Net projection is 75yrs. He lived longer.

Victor of the Chart: Saturn/Scorpio

Porphry's Stage I criteria ranks Mercury, Jupiter, and Saturn equally with 5 points. However, note both luminaries are in the bound of Saturn. According to Valens this is sufficient to make Saturn the victor. Saturn signifies science for which Silliman was the exemplar for early to mid-18th century America.

Though this rectification is not based on a full-length biography which limits its accuracy, Saturn as minor Firdaria ruler timed his start at Yale as a chemistry and natural history teacher (Mercury-Saturn 26-Apr-1801 to 4-Mar-1803) and his election as member of the American Antiquarian Society (Moon-Saturn 21-Nov-1811 to 4-Mar-1813).

Manners: Mercury (sign-based); Saturn-Venus (bound-based).

Firdaria according to Bonatti	Victor	Life Event
Gregorian Calendar System Dates		
Sun 10 years Age 0 to 10		
Sun Sun 08 Aug 1779 Age 000y 00m 00d		
Sun Venus 11 Jan 1781 Age 001y 05m 04d		
Sun Mercury 16 Jun 1782 Age 002y 10m 09d		
Sun Moon 20 Nov 1783 Age 004y 03m 14d		
Sun Saturn 25 Apr 1785 Age 005y 08m 18d	X	
Sun Jupiter 29 Sep 1786 Age 007y 01m 22d		
Sun Mars 04 Mar 1788 Age 008y 06m 27d		
Venus 8 years Age 10 to 18		
Venus Venus 07 Aug 1789 Age 010y 00m 00d		
Venus Mercury 29 Sep 1790 Age 011y 01m 22d		
Venus Moon 20 Nov 1791 Age 012y 03m 14d		
Venus Saturn 11 Jan 1793 Age 013y 05m 04d	X	(check date), Enters Yale?
Venus Jupiter 04 Mar 1794 Age 014y 06m 27d		
Venus Mars 25 Apr 1795 Age 015y 08m 18d		1796 (no date), Graduates Yale.
Venus Sun 16 Jun 1796 Age 016y 10m 10d		
Mercury 13 years Age 18 to 31		
Mercury Mercury 07 Aug 1797 Age 018y 00m 00d		
Mercury Moon 17 Jun 1799 Age 019y 10m 09d		
Mercury Saturn 26 Apr 1801 Age 021y 08m 18d	X	1802 (no date), admitted to bar; 1802 (no date), Hired by Yale as professor of chemistry and natural history despite never having studied chemistry.
Mercury Jupiter 05 Mar 1803 Age 023y 06m 27d		1804 (no date), delivered first chemistry lecture at Yale.
Mercury Mars 12 Jan 1805 Age 025y 05m 04d		
Mercury Sun 21 Nov 1806 Age 027y 03m 13d		
Mercury Venus 29 Sep 1808 Age 029y 01m 22d		
Moon 9 years Age 31 to 40		
Moon Moon 08 Aug 1810 Age 031y 00m 00d		
Moon Saturn 21 Nov 1811 Age 032y 03m 14d	X	1813 (no date), Elected member American Antiquarian Society.
Moon Jupiter 05 Mar 1813 Age 033y 06m 27d		
Moon Mars 17 Jun 1814 Age 034y 10m 09d		
Moon Sun 30 Sep 1815 Age 036y 01m 22d		
Moon Venus 11 Jan 1817 Age 037y 05m 05d		
Moon Mercury 26 Apr 1818 Age 038y 08m 18d		1818 (no date), Founded American Journal of Science.
Saturn 11 years Age 40 to 51	X	
Saturn Saturn 09 Aug 1819 Age 040y 00m 00d	X	
Saturn Jupiter 05 Mar 1821 Age 041y 06m 27d	X	
Saturn Mars 30 Sep 1822 Age 043y 01m 22d	X	
Saturn Sun 25 Apr 1824 Age 044y 08m 18d	X	
Saturn Venus 20 Nov 1825 Age 046y 03m 13d	X	
Saturn Mercury 17 Jun 1827 Age 047y 10m 09d	X	
Saturn Moon 11 Jan 1829 Age 049y 05m 05d	X	

Jupiter 12 years Age 51 to 63
 Jupiter Jupiter 08 Aug 1830 Age 051y 00m 00d
 Jupiter Mars 25 Apr 1832 Age 052y 08m 18d
 Jupiter Sun 12 Jan 1834 Age 054y 05m 04d
 Jupiter Venus 30 Sep 1835 Age 056y 01m 22d
 Jupiter Mercury 17 Jun 1837 Age 057y 10m 09d
 Jupiter Moon 05 Mar 1839 Age 059y 06m 27d
 Jupiter Saturn 20 Nov 1840 Age 061y 03m 14d X

Mars 7 years Age 63 to 70
 Mars Mars 08 Aug 1842 Age 063y 00m 00d
 Mars Sun 08 Aug 1843 Age 064y 00m 00d
 Mars Venus 08 Aug 1844 Age 065y 00m 00d
 Mars Mercury 08 Aug 1845 Age 066y 00m 01d
 Mars Moon 08 Aug 1846 Age 067y 00m 00d
 Mars Saturn 08 Aug 1847 Age 068y 00m 00d X
 Mars Jupiter 08 Aug 1848 Age 069y 00m 00d

Moon's North Node 3 years Age 70 to 73
 Moon's North Node 08 Aug 1849 Age 070y 00m 01d

Moon's South Node 2 years Age 73 to 75
 Moon's South Node 08 Aug 1852 Age 073y 00m 00d

Sun 10 years Age 75 to 85
 Sun Sun 08 Aug 1854 Age 075y 00m 00d 1855 (no date), Last year giving geology lectures at Yale.
 Sun Venus 12 Jan 1856 Age 076y 05m 05d
 Sun Mercury 17 Jun 1857 Age 077y 10m 09d
 Sun Moon 20 Nov 1858 Age 079y 03m 13d
 Sun Saturn 25 Apr 1860 Age 080y 08m 18d X
 Sun Jupiter 29 Sep 1861 Age 082y 01m 23d
 Sun Mars 05 Mar 1863 Age 083y 06m 26d

Venus 8 years Age 85 to 93
 Venus Venus 08 Aug 1864 Age 085y 00m 00d 24-Nov-1864, Died.
 Venus Mercury 29 Sep 1865 Age 086y 01m 23d

Zodiacal Releasing from Spirit

Lot of Spirit = 12SA09; Lot of Fortune = 9VI28

Fortune Angles: LOF1 (VI), LOF4 (SA), LOF7 (PI), LOF10 (GE)

L1 Sagittarius 08 Aug 1779	LOF4	
L2 Sagittarius 08 Aug 1779	LOF4	
L2 Capricorn 02 Aug 1780		
L2 Aquarius 21 Oct 1782		
L2 Pisces 08 Apr 1785	LOF7	
L2 Aries 03 Apr 1786		
L2 Taurus 27 Jun 1787		
L2 Gemini 22 Feb 1788	LOF10	
L2 Cancer 14 Oct 1789		

L1 Capricorn 06 Jun 1791			
L2 Capricorn 06 Jun 1791			
L2 Aquarius 24 Aug 1793			
L2 Pisces 10 Feb 1796	LOF7		1796 (no date), Yale, BA degree.
L2 Aries 04 Feb 1797			
L2 Taurus 30 Apr 1798			
L2 Gemini 26 Dec 1798	LOF10		1799/1802, Yale, tutor.
L2 Cancer 18 Aug 1800		FS	
L2 Leo 07 Sep 1802			
L2 Virgo 30 Mar 1804	LOF1	Lord-LOS	1804 (no date), Delivered first chemistry lectures at Yale.
L2 Libra 20 Nov 1805			
L2 Scorpio 18 Jul 1806		Lord-L1	
L2 Sagittarius 11 Oct 1807	LOF4		14-Dec-1807, Weston meteorite falls, BS would later examine in 1825.
L2 Cancer 05 Oct 1808 LB		LB	1808 (no date), public lectures in New Haven. Discovered many constituent elements of minerals; 17-Sep-1809, first marriage to Harriet Trumbull.
L2 Leo 25 Oct 1810			
L2 Virgo 17 May 1812	LOF1	Lord-LOS	1813 (no date), Elected American Antiquarian Society.
L2 Libra 07 Jan 1814			
L2 Scorpio 04 Sep 1814		Lord-L1	
L2 Sagittarius 28 Nov 1815	LOF4		
L2 Capricorn 22 Nov 1816		COMP	

L1 Aquarius	16 Jan 1818			
L2 Aquarius	16 Jan 1818			
L2 Pisces	04 Jul 1820	LOF7		6-Jul and 19-Sep-1820, Birth and death of son Charles Silliman.
L2 Aries	29 Jun 1821			
L2 Taurus	22 Sep 1822			
L2 Gemini	20 May 1823	LOF10		
L2 Cancer	09 Jan 1825			
L2 Leo	29 Jan 1827		FS	
L2 Virgo	21 Aug 1828	LOF1	Lord-LOS	1828 (no date), Board member of Connecticut Colonization Society.
L2 Libra	13 Apr 1830			
L2 Scorpio	09 Dec 1830		Lord-L1	
L2 Sagittarius	03 Mar 1832	LOF4		1833 (no date), Discussed relationship of flood geology to the Genesis account.
L2 Capricorn	26 Feb 1833			
L2 Leo	17 May 1835 LB		LB	
L2 Virgo	07 Dec 1836	LOF1	Lord-LOS	
L2 Libra	30 Jul 1838			
L2 Scorpio	27 Mar 1839		Lord-L1	
L2 Sagittarius	19 Jun 1840	LOF4		
L2 Capricorn	14 Jun 1841			
L2 Aquarius	02 Sep 1843		COMP	
L2 Pisces	18 Feb 1846	LOF7		
L2 Aries	13 Feb 1847			

L1 Pisces	12 Aug 1847	LOF7		
L2 Pisces	12 Aug 1847	LOF7		
L2 Aries	06 Aug 1848			
L2 Taurus	30 Oct 1849			
L2 Gemini	27 Jun 1850	LOF10		17-Sep-1851, 2nd marriage to Sarah Isabella (McClellan) Webb.
L2 Cancer	17 Feb 1852			
L2 Leo	08 Mar 1854			
L2 Virgo	29 Sep 1855	LOF1	Lord-LOS/L1	1855 (no date), Last year giving geology lectures at Yale.
L2 Libra	21 May 1857			
L2 Scorpio	16 Jan 1858			
L2 Sagittarius	11 Apr 1859	LOF4		

L1 Aries	10 Jun 1859			
L2 Aries	10 Jun 1859			
L2 Taurus	02 Sep 1860			
L2 Gemini	30 Apr 1861	LOF10		
L2 Cancer	21 Dec 1862			24-Nov-1864, Death.
L2 Leo	09 Jan 1865			

Distributions of the Ascendant

Calculation Settings

Zodiac, Placidus Semi-Arc, Primary Directions

Egyptian (Robbins Tet) Bounds

Zero Latitude

One Degree Timing

Date	Distributor	Partner
08 Aug 1779	♀	
22 Jun 1780	♀	sin □ ♀
22 May 1782	♂	
17 Apr 1784	♂	sin △ ☽
13 Dec 1784	♂ ♀	
08 Dec 1793	♀	
12 Jan 1799	♀	sin ✱ ♀
29 Jan 1799	♀	
16 Apr 1805	♀	sin □ ☉
13 May 1809	♂	
18 Apr 1811	♂	♂ ♀
07 Oct 1815	♂	
27 Mar 1818	♂	♂ ♂
16 Dec 1818	♂	sin △ ♀
25 Jan 1819	♂	sin ✱ ♂
23 May 1823	♂ ♀	
16 Jan 1837	♂	sin □ ♀
22 Apr 1838	♀	
04 Dec 1842	♀	sin △ ☉
27 Apr 1844	♀	
07 Jan 1849	♂	
24 Sep 1854	♂	
24 May 1855	♂	sin □ ♂
07 Aug 1858	♂	♂ ☽
27 Feb 1859	♀ ♀	
29 Jul 1866	♂	

Distributions of the Midheaven

Calculation Settings

Zodiac, Placidus Semi-Arc, Primary Directions

Egyptian (Robbins Tet) Bounds

Zero Latitude

One Degree Timing

Date	Distributor	Partner
08 Aug 1779	♄	
01 Mar 1785	♀	
30 Mar 1790	♃	
29 Jan 1795	♃	♂ ☉
25 Mar 1797	♄	
11 Sep 1799	♄	dex ☐ ♃
08 Feb 1803	♂	
24 Dec 1804	♂	dex ☐ ♂
22 May 1808	♂	sin ✱ ☽
17 Nov 1808	♄ ☿	
06 Jul 1815	♀	
23 Mar 1819	♀	♂ ♄
29 Oct 1824	♄	
24 Jan 1828	♄	dex ✱ ♃
08 Jul 1828	♂	
21 Jan 1833	♂	dex ✱ ♂
30 Jul 1833	♂	sin ✱ ♀
28 Aug 1833	♂	♂ ♄
13 Dec 1834	♃	
25 Apr 1836	♃	sin ☐ ☽
13 Oct 1836	♃ ♄	
17 Apr 1842	♄	
31 Aug 1849	♄	
12 May 1851	♄	sin ✱ ☉
07 Mar 1856	♀	
13 May 1861	♀	sin ☐ ♀
14 Oct 1862	♂	
14 Mar 1864	♂	sin △ ☽
09 Sep 1864	♂ ☿	

Distributions of the Sun

Calculation Settings
 Zodiac, Placidus Semi-Arc, Primary Directions
 Egyptian (Robbins Tet) Bounds
 Zero Latitude
 One Degree Timing

Date	Distributor	Partner
08 Aug 1779	♂	
06 Nov 1781	♀	
04 Jun 1784	♀	dex ☐ ♂
29 Dec 1787	♂	
16 Dec 1789	♂	dex ☐ ♂
16 Jul 1793	♂	sin ✱ ♀
20 Jan 1794	♀ ♀	
11 Jan 1801	♀	
09 Dec 1804	♀	♂ ♀
08 Nov 1810	♂	
08 Apr 1814	♂	dex ✱ ♂
30 Sep 1814	♂	
17 Jul 1819	♂	dex ✱ ♂
03 Feb 1820	♂	sin ✱ ♀
04 Mar 1820	♂	♂ ♂
16 Jul 1821	♂	
25 Dec 1822	♂	sin ☐ ♀
24 Jun 1823	♂ ♀	
17 Apr 1829	♀	
29 Jan 1837	♂	
13 Nov 1838	♂	sin ✱ ☉
13 Dec 1843	♀	
28 May 1849	♀	sin ☐ ♀
24 Nov 1850	♂	
21 May 1852	♂	sin △ ♀
24 Nov 1852	♂ ♀	
24 Dec 1859	♀	
14 Jan 1864	♀	sin ✱ ♀
28 Jan 1864	♀	

Distributions of the Moon

Calculation Settings
 Zodiac, Placidus Semi-Arc, Primary Directions
 Egyptian (Robbins Tet) Bounds
 Planet's Latitude
 One Degree Timing

Date	Distributor	Partner
08 Aug 1779	♂	
20 Feb 1787	♀	
26 Mar 1791	♀	dex ✱ ♀
29 Jun 1793	♂	
17 Sep 1799	♂	
07 Apr 1802	♂	dex △ ♂
26 Jun 1805	♂	dex △ ♂
11 Oct 1806	♂	
21 Jun 1807	♂	♂ ♀
17 Dec 1807	♂	dex ✱ ♂
19 Sep 1810	♂ ♀	
29 Jun 1816	♀	
10 Mar 1821	♂	
15 Aug 1825	♂	♂ ☉
03 Aug 1827	♂	
31 Jan 1831	♂	dex □ ♂
02 Dec 1832	♂	
16 Feb 1833	♂	dex □ ♂
19 Feb 1838	♂ ☿	
14 Oct 1838	♂	sin ✱ ☽
02 Feb 1844	♀	
25 Mar 1847	♀	♂ ♀
29 May 1852	♂	
11 Sep 1855	♂	
11 Aug 1856	♂	dex ✱ ♂
01 Mar 1858	♂	dex ✱ ♂
06 Jun 1860	♂	sin ✱ ♀
30 Dec 1860	♂	♂ ♂
01 Jun 1861	♂	
17 Jan 1863	♂ ☿	
01 Oct 1863	♂	sin □ ☽

Distributions of the Part of Fortune

Calculation Settings
 Zodiac, Placidus Semi-Arc, Primary Directions
 Egyptian (Robbins Tet) Bounds
 Zero Latitude
 One Degree Timing

Date	Distributor	Partner
08 Aug 1779	♀	
09 Mar 1781	♀	♂ ♀
10 Aug 1787	♂	
27 Apr 1791	♂	dex ✱ ♀
04 Nov 1791	♂	
21 Jan 1797	♂	dex ✱ ♂
27 Aug 1797	♂	sin ✱ ♀
30 Sep 1797	♂	♂ ♂
27 Mar 1799	♀	
21 Oct 1800	♀	sin □ ♀
07 May 1801	♀ Ω	
05 Sep 1807	♀	
23 Feb 1816	♂	
01 Feb 1818	♂	sin ✱ ☉
09 Aug 1823	♀	
07 Jul 1829	♀	sin □ ♀
16 Feb 1831	♂	
26 Sep 1832	♂	sin △ ♀
17 Apr 1833	♂ ∩	
02 Dec 1840	♀	
12 Apr 1845	♀	sin ✱ ♀
27 Apr 1845	♀	
01 Sep 1850	♀	sin □ ☉
14 Mar 1854	♂	
19 Nov 1855	♂	♂ ♀
20 Oct 1859	♀	
24 Dec 1861	♀	♂ ♂
13 Aug 1862	♀	sin △ ♀
18 Sep 1862	♀	sin ✱ ♂
23 Jul 1866	♂ ✱	

Distributions of the Part of Spirit

Calculation Settings

Zodiac, Placidus Semi-Arc, Primary Directions

Egyptian (Robbins Tet) Bounds

Zero Latitude

One Degree Timing

Date	Distributor	Partner
08 Aug 1779	♀	
08 Oct 1783	♀	sin Δ ☉
03 Feb 1785	♂	
06 Aug 1789	♂	
01 Mar 1795	♂	
25 Oct 1795	♂	sin □ ♀
30 Dec 1798	♂	♂ ☽
22 Jul 1799	♂ ☿	
31 Jan 1807	♀	
30 Mar 1811	♀	sin Δ ♂
18 May 1814	♀	
03 Dec 1820	♀	sin ✕ ♂
24 May 1822	♂	
19 Mar 1826	♂	sin ✕ ♀
10 Apr 1826	♂	
03 Oct 1826	♂	♂ ♀
02 Nov 1826	♂	sin Δ ♀
23 Jan 1830	♂ ☿	
26 Jun 1836	♀	
16 Oct 1841	♀	
26 Mar 1844	♀	♂ ☉
08 Oct 1847	♂	
11 Mar 1848	♂	sin □ ♂
29 Nov 1851	♂	
04 Sep 1852	♂	sin □ ♀
21 Jul 1855	♂	dex Δ ☽
18 Dec 1855	♀ ☿	
01 Aug 1864	♀	♂ ♂
20 May 1865	♀	