

Biblical Astronomy

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NEW MOON REPORT

For the most recent New Moon Report, see the September 2012 issue of *Biblical Astronomy*. For Internet subscribers - I will e-mail you the next New Moon Report from Jerusalem on or about October 17, 2012. That New Moon Report will also be in the November 2012 issue of *Biblical Astronomy*.

Again, I planned on having this newsletter done by October 1, but a lot came up and I had to prepare for and do an interview on Michael Rood's *Shabbat Night Live*. I had short notice but got the job done, though at the expense of getting this publication to you about two weeks later than planned. I also had to do prep work for more programs coming up before Michael left for South Africa. I am excited to be on the program, but will have to readjust a few things so I can get the newsletter to you in a more timely fashion.

A couple of celestial events for October have already occurred. I am writing of them here for the record.

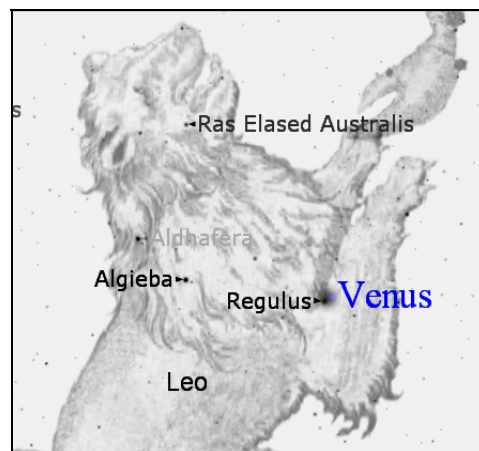
VENUS AND REGULUS IN VERY CLOSE CONJUNCTION

On October 3, 2012 Venus passed 0.1 degrees south of *Regulus* in the constellation *Leo* (*Arieh*). This was a very close conjunction of the star and planet. *Nogah* (*Venus*) represents the *Bright and Morning Star* who is Messiah. The star *Regulus* (Heb.) means *treading under foot*. The more modern Latin name for *Regulus* is *Cor Leonis*, *the heart of the lion*. But in the heavens we see the Lion treading under foot *Hydra* the water serpent. *Regulus* is more accurate as treading under foot. Though the star is in the heart of the lion, and not the foot.

For those who heard me speak of *Leo* and *Regulus* during the interview on October 5th with Michael Rood on *Shabbat Night Live*, I did not mean to confuse the issue. When Michael asked me first what the Latin name was for the star, I knew that he meant or wanted the answer to be the star *Regulus* and I answered that. Then immediately he asked what the Hebrew name was, which is *Regulus*, I had a brain freeze knowing that

it would confuse everyone and I could not go into a lengthy discussion on it at that time because of time constraints. Then when asked what the meaning was, I knew that he wanted the word *King*, though the actual meaning is *treading under foot*. I should have stopped at that time to explain everything.

In all of the ancient civilizations, the star *Regulus* was always recognized as the King star of the whole universe. Though it is not the brightest star in the heavens by far, it was always recognized as the King star. So in that sense, it means King. The chart below shows the planet *Nogah* (*Venus*) and the star *Regulus* nearly appearing as one star near the time of conjunction as seen from Jerusalem at 5:30 a.m. on October 3, 2012.



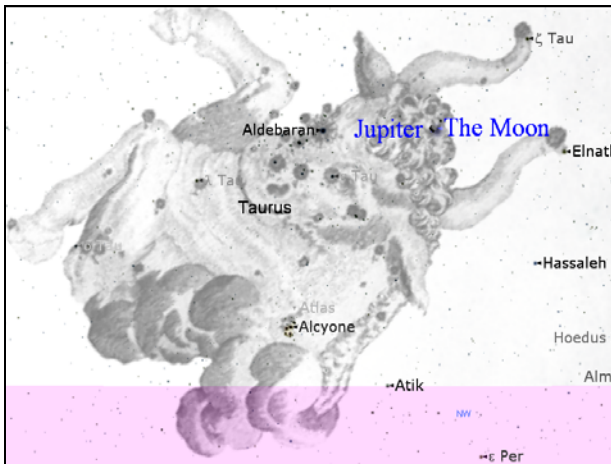
The main theme of the Sign *Leo* is *Messiah's consummated triumph*. The Hebrew name for this Sign and constellation is *Arieh*, which means the Lion. This represents the Lion of the tribe of Judah, who is Messiah. In the early mornings of September 11 and 12, 3 B.C.E., the planet *Zedek* (*Jupiter*) was close to and in conjunction with this star. Messiah was born in the early evening of September 11, which was the beginning of *Yom Teruah* (Day of Trumpets).

OTHER EVENTS IN EARLY OCTOBER

The planet *Saturn* (*represents Satan*) disappeared from the evening sky in early October. It will reappear in the morning sky in mid November and will come into a close conjunction with *Venus* in late

November. There will be more on this in the November issue of *Biblical Astronomy*.

On October 6, viewers in southern Australia were able to see the gibbous moon occulting (passing in front of) the planet *Jupiter* (*Zedek*). *Zedek* disappeared on the one side of the moon, reappearing later from the other side of the moon. That is always a neat sight to view. When the planet disappears it is all of a sudden as though a light switch is turned off. The same when it suddenly reappears, like the light switch is all of a sudden turned on. This occultation took place in the woolly hair area (where the wrath is centered) of the reem in the constellation *Taurus* as shown in the chart below. This is as viewed from southern Australia in the morning sky.



The main theme of the Sign *Taurus* is *Messiah, the coming Judge of all the earth*. *Zedek* (*Jupiter*) can either represent Yehovah or Messiah Yahshuah. *Zedek* is the root for Melchizedek. Yahshuah is the High Priest forever after the order of Melchizedek.

This may be portraying the disappearing (when Yahshuah ascended into heaven to be seated at the right hand of the Father) and reappearing of Messiah when he comes to judge all of the earth, much of which is in the wrath that has been stored up since the beginning. This may be portraying a future event or an event that is very close at hand. Again, we will just have to wait and see which.

Another celestial event that took place on October 6, 2012 was a conjunction of the planets *Catab* (*Mercury*) and *Saturn*. **Chart 593** shows the positions of the two planets in *Virgo* (*Bethulah*) as seen at 6:36 p.m. Jerusalem Daylight Savings Time on October 6, 2012. I do not know what date Israel switches from Daylight Savings Time to Standard Time or if they use that system. I never thought about it that much before now. The pinkish area on the chart is the ground and horizon.

This celestial event will be very difficult to see since the planets are close to the sun and low on the horizon shortly after sunset (20 minutes after as seen in

the chart) when the western horizon is still filled with the light from solar glare.

The main theme for the Sign *Bethulah* (*Virgo*) is *The Promised Seed of the woman*, who is Messiah. Much of the emphasis of this Sign is on the birth of Messiah, though two of its decan constellations portray Messiah as the *despised sin offering* and coming back in judgment to *reap the harvest* at the end of the world.

The planet *Catab* (*Mercury*) represents Gabriel the messenger archangel. And as mentioned earlier, Saturn represents Satan in the conflict or war between the woman and the woman's seed against the serpent and the serpent's seed. Saturn can also represent Shabbat according to some, but I do not know where that idea originally came from or where and when the ancient name Sabbatei, which is an ancient name for Saturn, came into play. It is in Francis Rolestone's book *Mazzaroth* (1862) as Sabbatei, which means *resting*. But I do not know where or when it originally came about. In all the ancient zigruts in Iraq and Iran, the stone representing Saturn is painted black and is the lowermost stone of those representing the planets. From ancient times it has been associated with darkness and evil in most if not all the ancient civilizations. Saturn is also the sixth planet from the sun.

MARS AND ANTARES IN CONJUNCTION

Mars (*Adom*) will come into conjunction with the star *Antares* in *Scorpius* as it passes 4° north of the star on October 20, 2012. See **Chart 594**.

The picture below shows Mars and Antares on October 18, 2012 with a waxing bright crescent moon as the planet slowly approaches conjunction with *Antares*.



The ancient name for the planet Mars is Ares. The name *Antares* means *rival of Mars*. *Mars* represents the warrior Archangel Michael in one of its portrayals. Michael battles the Dragon or Serpent (the Devil) a number of times in Scripture.

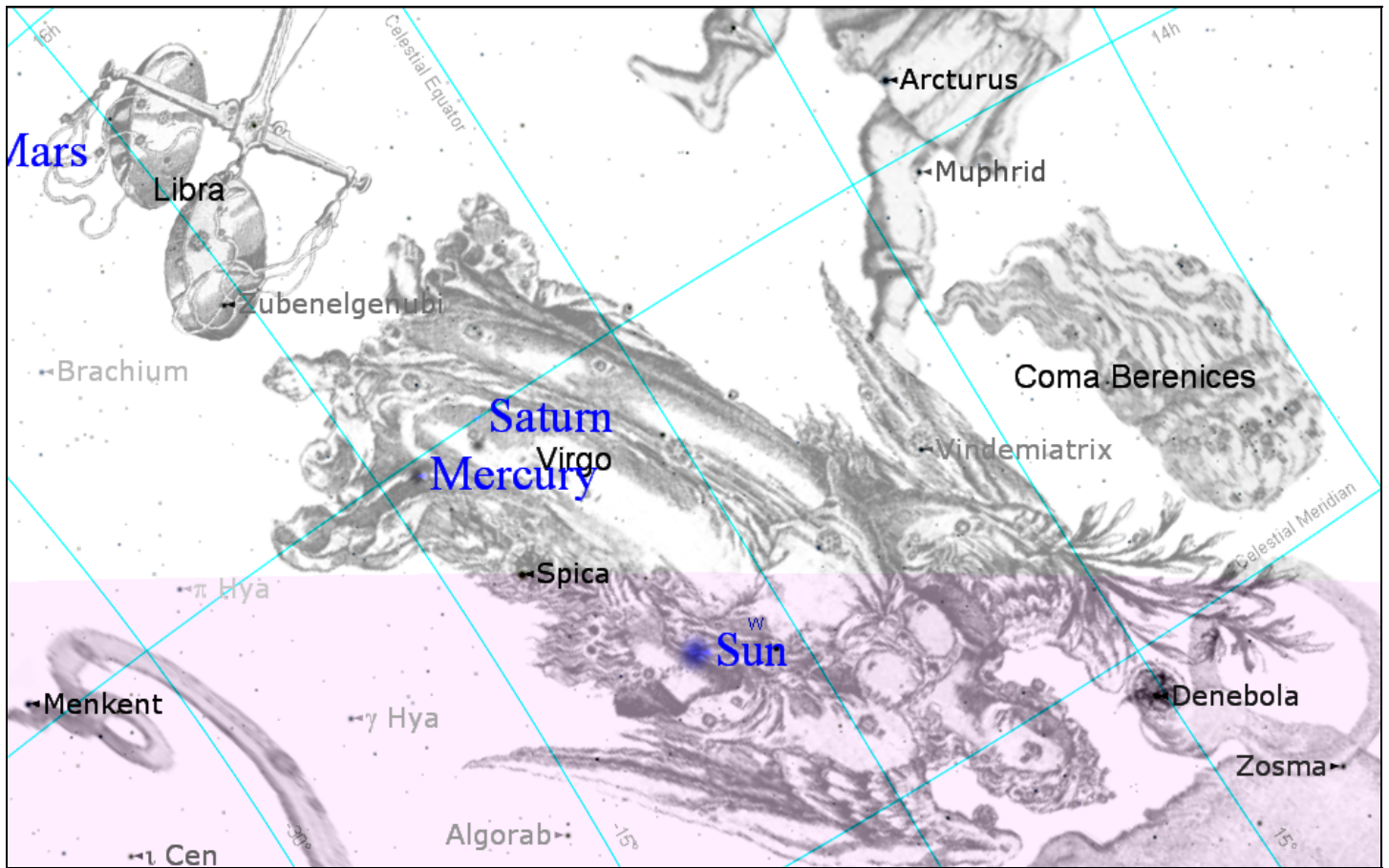


Chart 593 – Mercury and Saturn in conjunction as seen from Jerusalem at 6:36 p.m. DST on October 6, 2012

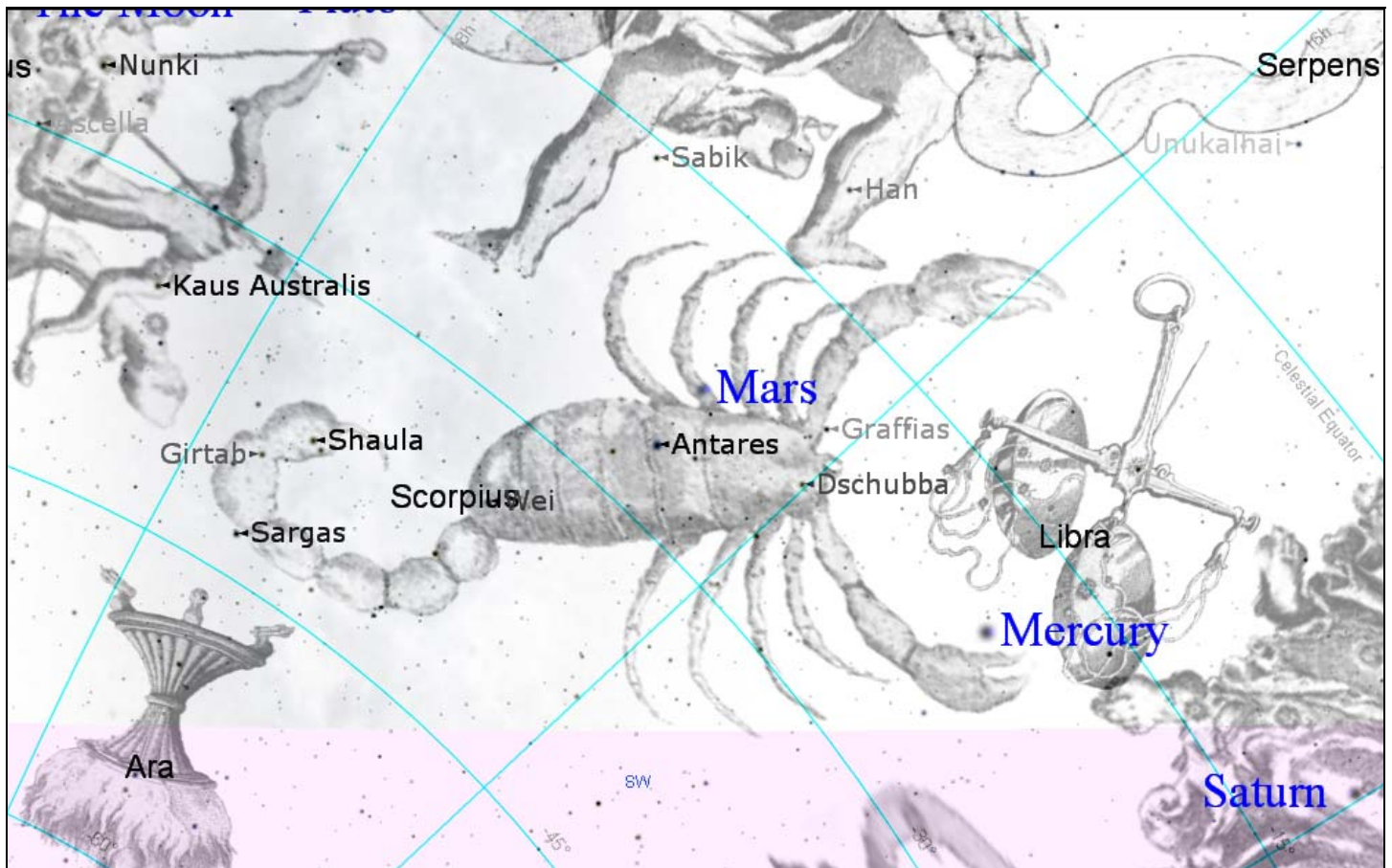


Chart 594 – Mars (Adom) and Antares in conjunction as seen from Jerusalem at 5:36 a.m. on October 20, 2012

The Hebrew name for the Sign and constellation *Scorpius* is *Akrab*, which means *conflict* or *war*. This is the ongoing conflict from Genesis 3:15 to Revelation 20:15 (the final destruction of the Serpent and the Serpent's seed).

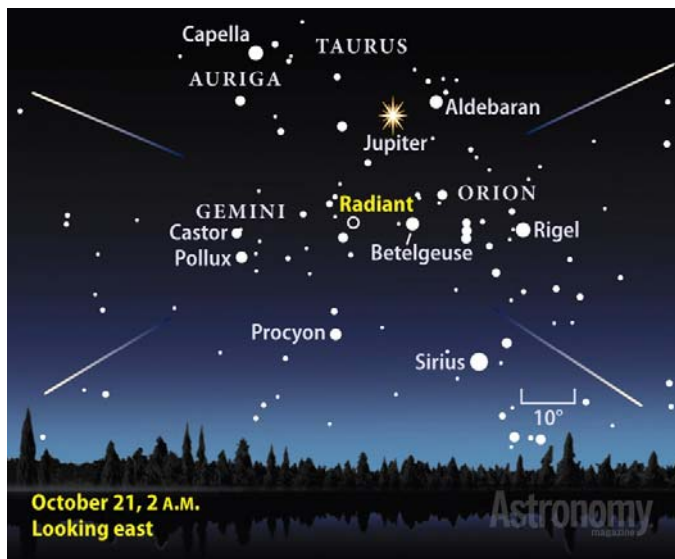
ORIONID METEOR SHOWER

It is that time of the year for the yearly Orionid Meteor Shower. This year we may be in for a whopper of a show. The following article on the shower and possibility of large fireballs is from Astronomy.com

"The consistent annual shower could team up with an erratic source of fireballs to deliver a powerful one-two punch for October meteor viewers. First up, the Orionid meteor shower peaks on the night of October 20/21. These streaks of light appear to radiate from the constellation Orion the Hunter. A waxing crescent Moon sets around 11 P.M. local daylight time on the 20th, just as Orion rises in the east. This leaves the sky dark during the prime viewing hours before dawn. The Orionids typically produce up to 25 meteors per hour at their peak.

The wild card is a possible return of the Taurid "swarm," a group of relatively large particles that produced an outburst of fireballs (meteors brighter than Venus) in 1951. Some astronomers predict this swarm should return every 61 years, and 2012 has arrived. Bright meteors **could** appear from about October 20 to November 11...."

The chart below shows the radiant of the Orionid Meteor shower and Jupiter on October 21 at 2:00 a.m. The radiant is in the club of Orion.



Orion portrays *Light breaking forth in the Redeemer*. Orion is also seen crushing the enemy (*Lepus*) under his foot. See the Jan. 2010 issue of *Biblical Astronomy* for more interesting info on Orion. Also see the pic. In the Sept/Oct 2011 newsletter article.

SUPER BRIGHT COMET ON ITS WAY

A comet was discovered on September 21, 2012 that is expected to reach the brightness of the full moon or brighter. The comet was found by Russian Astronomers Vitali Nevski and Artyom Novichonok while using a 16-inch (40-cm) reflecting telescope that belongs to the International Scientific Optical Network (ISON). The comet has been named ISON.

The comet will be at its brightest as it approaches perihelion with the sun on November 28, 2013. It will be 1,162,000 miles from the sun at that time. It will not be 1.1 million miles from the earth as I stated when I first put that info out on *Shabbat Night Live*. I had a very short time to gather the info on the comet before airtime, and read that from one of the reports that I found. Since then, I have had much time to look into the orbital elements of the comet. I plugged all the orbital info into my computer to confirm what others were saying about the comet.

As the comet passes earth the first time on its way to the sun, it will be about 79.7 million miles from the earth at its closest approach. It should be around magnitude 2 in brightness, or brighter than the stars in the Big Dipper at that time (November 20, 2013). Though it could be much brighter or dimmer. It is very difficult to predict with any accuracy of what the brightness of the comet will be when it is still a year or more out there. As the comet approaches the sun it will rapidly become brighter each day and even each hour.

Chart 595 shows the path of the comet through Scorpius on November 28, 2013. The orange dots on the path are in one-hour increments. When the comet as at the first dot on the right entering the scorpions head at 1:00 a.m., it will be around the same brightness as Venus. When it is about half way through the head at 3:00 p.m., it will be forty times brighter than Venus. When it reaches its closest approach to the sun at 11:11 p.m., it will be as bright or brighter than the full moon. It will only be visible through special equipment at that time as it is very close to the sun. There will be much more analysis on this comet in the November newsletter.

When the comet leaves the sun and is on its way out of the inner solar system, it will pass by the earth again. At that time its closest approach will be about 39.7 million miles from the earth and shining at a magnitude of around 4.17 on December 27, 2013, which is dimmer than when it passed on its way into the sun. The reason is that it will be further from the sun at this time than it was on the way in. There will be more articles with refined info on the comet in the upcoming months. Some of the info above may be revised.

Chart 596 shows the path of Comet ISON about from September 21, 2012 to July 4, 2013. **Chart 597** shows the path of the comet from July 4, 2013 to July 18, 2014. How about number ISON?

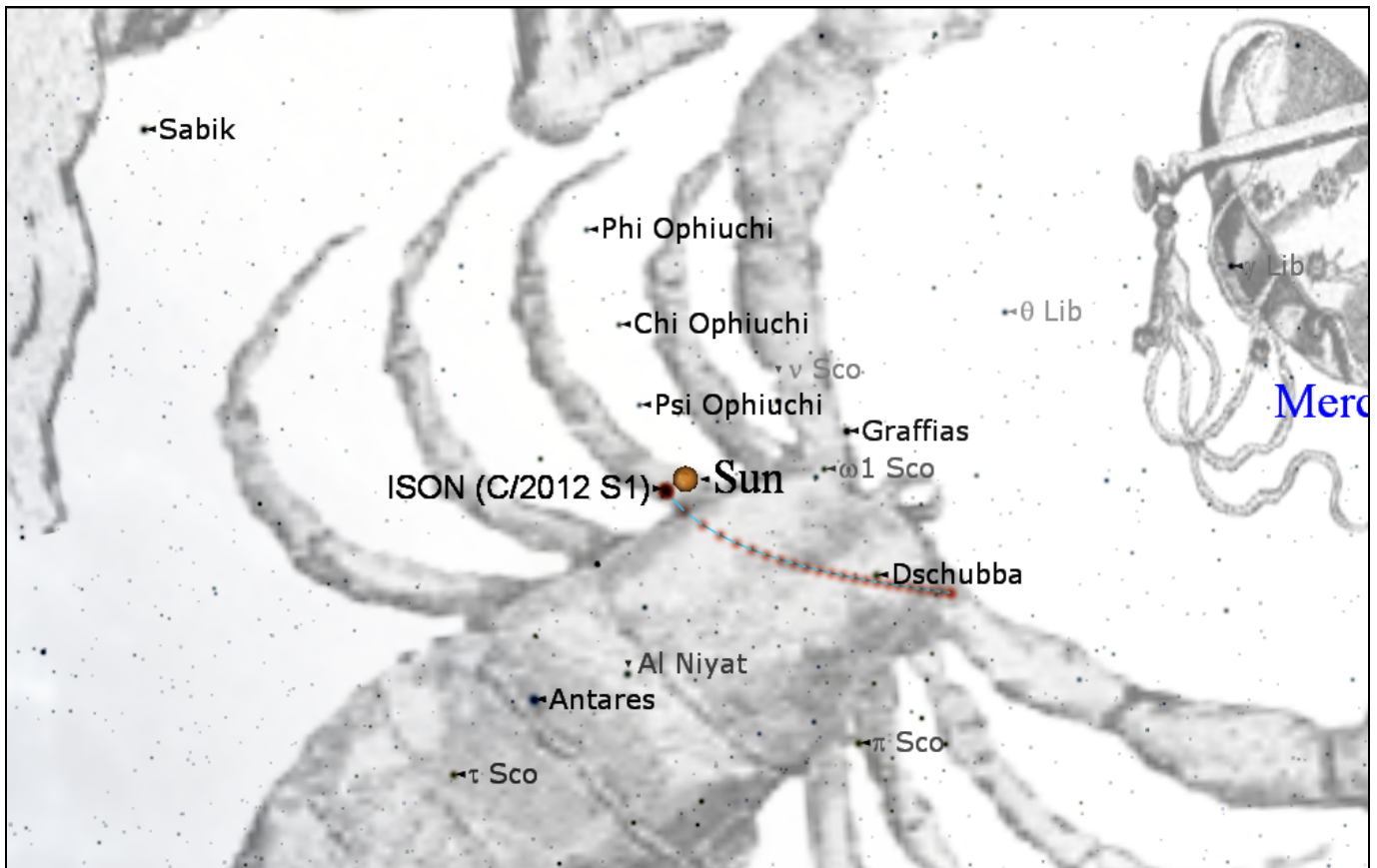


Chart 595 - Path of Comet ISON on November 28, 2014 across the head of Scorpius. Phi, Chi and Psi Ophiuchi are stars in the leg of Ophiuchus with the foot or heel at the end of the leg coming down on the scorpion's head where the sun and comet are.

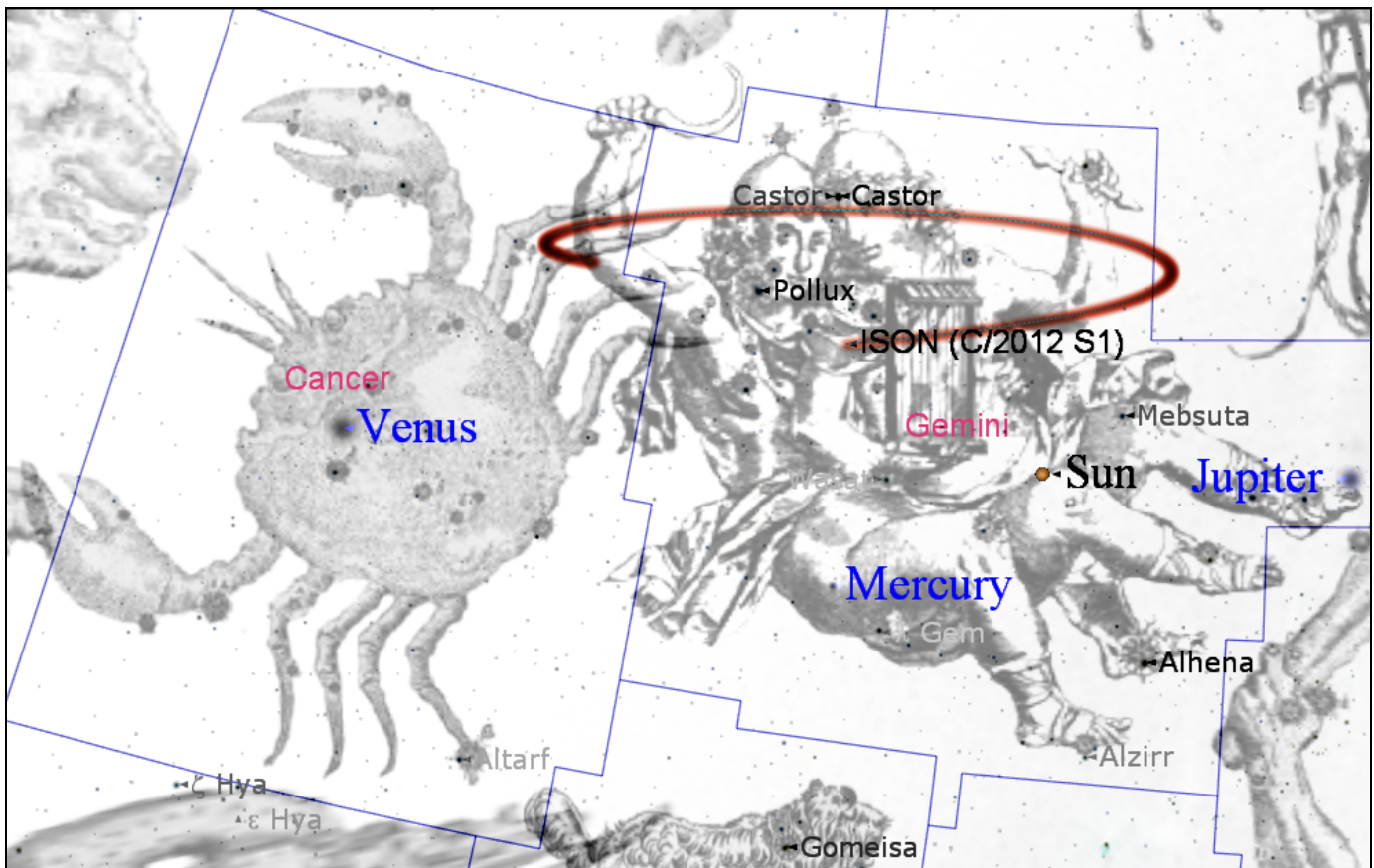


Chart 596 - Path of Comet ISON from September 21, 2012, to July 4, 2013. The home of the comet is *Gemini*,

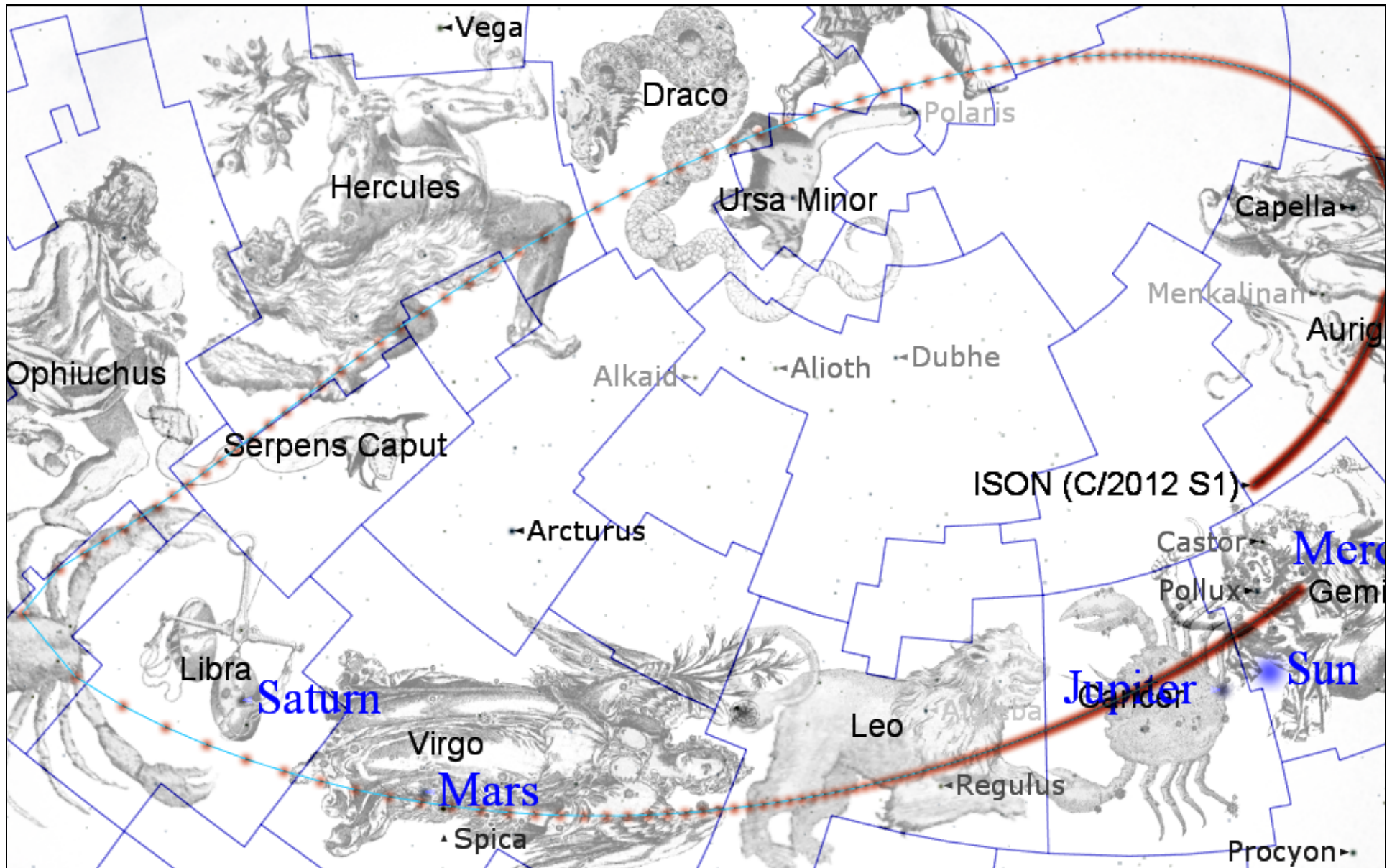


Chart 597 - Path of Comet ISON from July 4, 2013 to July 18, 2014. The comet starts in **Gemini**, Messiah's reign as Prince of Peace; then passes through **Cancer**, Messiah' redeemed possessions held fast; **Leo**, Messiah's consummated triumph; **Virgo**, *The Promised Seed of the woman*; **Libra**, *The Redeemer's atoning work, or the price deficient balanced by the price which covers*; **Scorpio**, *The Redeemer's conflict*; **Ophiuchus and Serpens**, *The struggle with the enemy*; **Hercules**, *The mighty vanquisher*; **Draco**, *The old serpent, or the Devil, cast down from Heaven*; **Ursa Minor**, *The lesser sheepfold*, **Cepheus**, *The Redeemer coming to rule*; **Auriga**, *Safety for the redeemed in the day of wrath*; **Gemini**, *Messiah's reign as Prince of Peace*. As mentioned in Chart 596, Gemini is the home constellation of Comet ISON. We will take a deeper look into what message this comet may be making in the coming months. Something to chew on.