Following is a sample lunar/solar calendar month showing the new moon and feasts in the $7^{\text {th }}$ biblical month (October 2012).

7TH LUNATION 5999
METONIC CYCLE 12345678910111213141516121812


30
11/15/2012
Notice how the Feast of Tabernacles is always bookended by weekly sabbaths.

Are you ready to hear the truth that has been hidden for 1800 years about our Father's biblical calendar based on the sun, moon and stars?

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Modern Jewish Feasts Calendar


## Our Creators <br> Lunar/Solar Calendar



## Time Tracking

The tracking of time is broken down into size segments. Seconds make up minutes, minutes make up hours, hours make up days, days make up weeks, weeks make up months, (OOPS, currently months are not made up of weeks), months make up years, years make up decades, ...etc.

Since when do weeks not make up months?

When the Julian calendar began in about 45 BC, Julius Cesear began a perpetual 8 day week, making the weeks independent of months. In 126 CE the Julian calendar was changed to a perpetual 7-day week, with the first day being Saturn day, and again the weeks were perpetual, and not tied to the months.

In the Hebrew lunar/solar calendar, weeks are directly tied to months, completing the pattern of all time segments being tied to each other.

## Beginning of the month

The lunar month begins with the sighting of the first waxing moon sliver in the west shortly after sunset. The next day is declared New Moon day, and is day 1 of the month.

## Days in a month

There are approximately 29.5 days in a lunar cycle. Adjustment is made at the end of each month to adjust (intercalate) with the daily solar cycle. There are either 29 or 30 days assigned to the month based upon when the next new moon is sighted. If the new moon is sighted on the evening of the $29^{\text {th }}$, the next day is new moon day. If not, a $30^{\text {th }}$ intercalation day is added.

It should be noted that the moon's velocity changes throughout its cycle, varying up to 13.4 hours each month. So no one knows the exact day or hour without observation.

## Weekly Sabbath

There are always 4 weeks with 4 sabbaths in each month. New moon day establishes which days are sabbaths. Since new moon day is day 1 of the month, the $2^{\text {nd }}$ through the $7^{\text {th }}$ are the work days of the first week and the $8^{\text {th }}$ is the sabbath. So the sabbaths fall on the $8^{\text {th }}, 15^{\text {th }}, 22^{\text {nd }}$ and $29^{\text {th }}$ of each (lunar) month. Check it out with scripture. It's an amazing fit.

## Periodically added (intercalation) month

Since a lunar cycle consists of approximately 29.5 days, 12 cycles or months gives us 354 days. This means that 12 lunar months is about 11 days short of the annual solar cycle.

A $13^{\text {th }}$ month, (Adar2), is added (or intercalated) to the biblical year about every 3 years to adjust the 12 lunar cycles to the solar cycle.

It is actually very easy to know when to add another month. Using a simple sundial that also indicates seasons, the length of the shadow in any particular month can be examined to determine whether an additional month should be added.

Since the sun travels 360 degrees through the 12 constellations, a day is approximately one degree. So the 11 days short mentioned above equals 11 degrees. If the length of the sun dial shadow is less than 11 degrees from where it should be, an additional lunar month is added in the following spring at the end of the biblical year.

## Timing with the Equinoxes

The spring and fall equinoxes are important to observe in making sure the annual biblical feasts are at the correct appointed times. The first month of the biblical year starts at the first new moon after the spring equinox. The seventh month, Feast of Trumpets, begins on the first new moon after the fall equinox.
Two witnesses in the heavens confirm this timing. At Passover, the $14^{\text {th }}$ day of the first month, the sun will be in the constellation Aries. (see reference in Josephus). In the fall, the first new moon after the
fall equinox is the Feast of Trumpets. Rev.12:1 points to this exact day every year with the constellation Virgo clothed in the sun with the sighted moon sliver beneath her feet. (reference free Stellarium software). This is such an exact sign in the

sun, moon and stars, who could refute it? Take note of the error the Jews currently have in the circular calendar I downloaded on the cover of this brochure. (equinox timing!) The earliest Gregorian date of Passover is 14 days after March 21st. If the timing is correct, the barley will always be ripe.

## Summary

We have been raised all our lives using the Gregorian calendar. It is difficult for us to even think about a different method of tracking weeks and months. I encourage you to try. History supports the fact that the ancient Hebrew calendar was lunar/solar based. You can verify this: (Mishna, Talmud, Philo, Josephus, Jewish encyclopedia, Zohar, etc.) See my wife Diane's book "YHWH'S UNIQUE TIME-PIECE explained". The only way scripture completely fits, is by using the single biblical calendar which is the Hebrew lunar/solar calendar in use during Messiah's time.

Whenever a second calendar (using Gregorian sabbaths) is overlaid onto the biblical calendar, it does not fit Scripture. (See my commentary on the Hebrew Annual Feasts on our website).

