11

Miqra'ey – Invitations to Meet God

Yahowah's Appointment Schedule…

God's children are asked to attend seven annual meetings with their Heavenly Father. Spread out over the course of seven months, these family gatherings serve as prophetic signposts, dating, explaining, and facilitating the path to Yahowah's home. The *Miqra'ey* work as a cohesive whole, serving as God's seven-step plan to perfect and reconcile us so that we can live with Him.

To properly date these meetings with God, we must recognize that during the nearly 6,000 years of human history prior to mechanization, new moons were used to designate the first day of each new month. It was the best way to keep time, and it worked no matter where someone lived. Then, to adjust the lunar method of reckoning time with the solar year, Yahowah called the first month of His annual calendar "*Abyb*." The word describes the formation of young barley ears, the first grain to form in the Spring in Yisra'el. Yahowah's year thus began as the first crescent moon emerged after the formation of barley kernels. For all practical purposes, that is the new moon closest to the vernal equinox, around March 20th each year.

The annual journey from human oppression to the Promised Land, and to camping out with God, begins on the fourteenth day of *Abyb* with *Pesach* / Passover—which means that it always occurs on the brightly lit nights of a full moon. This is immediately followed by *Matsah* / Unleavened Bread and *Bikuwrym* / FirstFruits, transpiring over the course of three successive days. We become immortal on Passover, freeing us from the consequence of sin which is death. We are redeemed on Unleavened Bread, where a ransom is paid to deliver us from the penalty of sin—which is separation from God. The result, at least for those who observe these appointments with Yah, is a FirstFruits harvest of souls. It is God's gift to us, whereby the purified and ransomed once reborn Spiritually rise up and come into the presence of our Heavenly Father.

Seven sevens later, at the *Mow'ed Miqra'* / Called-Out Assembly Meeting of *Shabuwa'* / Seven Sabbaths, a grand party is held where everyone is invited regardless of race, sex, age, geographic location, religion, or social status. Those who have answered the summons, and who are the beneficiaries of *Pesach*, *Matsah*, and *Bikuwrym* are enveloped in Yahowah's Set-Apart Spirit, enlightening and empowering us to become witnesses to the other guests, and then to the world.

On the first day of the seventh month, on the *Mow'ed Miqra'* of *Taruw'ah* / Trumpets, Yahowah's Spirit-filled troubadours are called to signal a warning and to shout for joy. The blaring proclamation is to those who are unaware of these meetings, and do not know that attendance at the next one, *Yowm Kippurym*, is a life or death decision. And the joyous music is in hopeful anticipation that many will answer each new invitation, and enjoy God's company—now and forever.

Ten days later, on the Day of Reconciliations, all humankind is given a choice. We can come into the presence of our Spiritual Mother and be completely reconciled into Yahowah's family, living eternally with our Heavenly Father in His home. Or, we can choose not to attend the meeting, or simply ignore the summons. The consequence, according to the Creator and turned Judge, is that upon their death, such individuals will have their souls, or consciousness, diminished to the point of nonexistence. The message is simple and fair: if you do not value God sufficiently to answer His call to life, He will respond in kind—and death will be the end of your existence.

The desired result of Yahowah's seven-step plan of salvation occurs five days later on the Called-Out Assembly Meeting of *Sukah* / Shelters. This Festival Feast known as "Tabernacles" and "Tents," is a time where we get to campout with God. It depicts eternal life with our Heavenly Father in His home.

Consistent with Yahowah's plan of six, representing mankind, in addition to God who is one, yielding a perfect result, as denoted by seven, there are six steps in the Scriptural plan of salvation which lead to a time of perfect companionship with our Creator. And so it will be, after six thousand years of struggle and strife, humankind will spend the Millennial Sabbath with Yahowah, on planet Earth restored to resemble the Garden of Eden.

So by way of review, the first three *Miqra'ey* / Invitations to be Called-Out and Meet with God, *Pesach* / Passover, *Matsah* / Unleavened Bread, and *Bikuwrym* / FirstFruits, occur over three successive days in the Spring: on the 14th, 15th, and 16th day of the lunar month of *Abyb* (sometimes called Nisan and transliterated Abib or Aviv). During them, we are to eat lamb with bitter herbs, consume bread without yeast for seven days, and drink wine—all in remembrance of Yahowah's provision—His gifts of eternal life, redemption, and adoption. And

as with every Festival Feast, we should use these opportunities to read God's Word—especially those portions directly attributable to the events we are celebrating—in this case, Yahowsha's Passover sacrifice, His Unleavened Bread separation, and His FirstFruits return.

The first three *Miqra'ey* were fulfilled, played out in human history, by the Ma'aseyah Yahowsha'. He ate Passover with His disciples after sundown on Thursday, March 31st, 33 CE. He served as the Passover Lamb on Friday, *Abyb* 14, 4000, which was April 1st, 33 CE on our pagan calendar. He fulfilled the promise of Unleavened Bread, removing the penalty of sin from our souls, the following day on the Sabbath of *Abyb* 15, 4000, which we know as Saturday, April 2nd, 33 CE. And Yahowsha's soul was freed from She'owl and reunited with Yahowah's Spirit in celebration of FirstFruits on *Abyb* 16th, 4000. It was April 3rd, 33 CE.

Seven times seven days after *Bikuwrym*, we are invited to attend the Festival of Seven Sabbaths, referred to as Pentecost in Greek for "Fifty." It was fulfilled on schedule on Sivan 6, 4000, May 22nd, 33 CE, when the Spirit came upon the *ekklesia*/called-out assembly. It is the only Feast where the diet is varied and bread with yeast is designated.

In the Fall, on the 1st, 10th, and 15th day of Ethanim (renamed Tishri), the seventh lunar month, Yahowah reminds us to meet with Him and celebrate the prophetic *Miqra'ey* of *Taruw'ah* / Trumpets, *Yowm Kippurym* / Reconciliations, and *Sukah* / Shelters. They foretell the day the souls of Yisra'el and Yahuwdym will be harvested by Yahowsha' (known to the Christians who will miss it as the "Rapture"), the day Yahowsha' will return in power and glory (Ethanim 10, 6000 which will occur at sunset on October 2nd, 2033), and the beginning of the Millennial Sabbath (Ethanim 15, 6000, which is the Sabbath of October 7th-8th, 2033). It represents the time when Yahowah will campout with humankind for one thousand years.

Here are the dates Yahowah established for His annual meetings with His family:

Passover / *Pesach*	*Abyb* – First Month	14 (starts twilight of 13th)
Unleavened Bread / *Matsah*	*Abyb* – First Month	15 (lasts seven days)
FirstFruits / *Bikuwrym*	*Abyb* – First Month	16
Seven Sevens / *Shabuwa'*	49 days from *Bikuwrym*	
Trumpets / *Taruw'ah*	*Ethanim* – Seventh Month	1
Reconciliations / *Kippurym*	*Ethanim* – Seventh Month	10
Tabernacles / *Sukah*	*Ethanim* – Seventh Month	15

Before we apply Yahowah's formula to predict the initiation of future years, and then superimpose God's Appointment Meetings on man's pagan calendar, there are some things you should know. First, the Romans salted Yisra'el following the Rabbi Akiba's feigned Messianic uprising in 133 CE, effectively destroying native crops such as the barley Yahowah asked His people to use to establish the inception of each new year. And yet, while we no longer possess the same variety of barley, we know that other Middle Eastern strains ripen within weeks of the vernal equinox each Spring.

Second, weather patterns have changed appreciably, and have vacillated considerably since these instructions were given to Moseh 3,400 years ago. Therefore, even if we had the proper seed, there is no assurance that barley would bud at precisely the same time. Further, such an indicator would only allow us to establish each new year at the initiation of that year, as this is an observed mechanism, not necessarily a predictive one.

The most difficult challenge afforded those who attempt to determine future *Miqra'ey* dates is that Scripture does not specify a reliable methodology for determining the first day of a new month. Using Scripture as our sole source of instruction, all we have to work with beyond being told that the moon's reflected light is to be used to establish the *mow'ed*/dates, is that the process begins when the moon is *chodesh*/renewed. That, however, could mean the precise moment the moon begins to reflect the sun's light, and thus initiates a waxing crescent, or when that initial sliver is first visible from earth. If it is the later, no instructions were given as to when or where the new moon was to be observed, how large a crescent was required for it to qualify, or what to do in situations when the sky was overcast.

Psalm 81:4 reads: **"Blow** (*taqa'* – clap, sound, strike, or blast an instrument or horn) **in** (*ba* – on, with, and during) **the** (*ha*) **new moon** (*chodesh*)**; trumpet a ram's horn** (*showphar*) **in** (*ba* – on, with, and during) **the** (*ha*) **full moon** (*kece'* – also translated new moon, first of the month, and throne, but from *kacah* – to cover, conceal, and hide) **on** (*la*) **the day** (*yowm*) **of our festival feast** (*chag*)**."**

While the use of *kacah* conveys an important Spiritual truth (that of how our Spiritual Mother's Garment of Light conceals our sins), by including it, and by not specifying the where, what, and when of the *chodesh*/renewed moon, the verse cannot be used in support of the traditional observational method. Moreover, in First Samuel 20:5, Dowd, whom we know as David, tells Yahowchanan, known as Jonathan: **"Behold** (*hineh* – pay attention)**, tomorrow** (*mahar* – the next day) **is a time of renewal or new month** (*chodesh*) **celebration** (*chag*)**..."**, meaning that the new/renewed moon was predicted rather than observed.

My conclusion based upon the whole of Scripture is that God demands perfection of Himself, and thus He deploys an exacting method of determining the dates of His Called-Out Assembly Meetings. As a result, in our charts, we have provided our readers with the most precise method of determining a new moon based upon this thought. Using this methodology, a month begins with the first full day, designated by the precise moment of sunset, in which the moon has already begun to renew—even if this occurs a minute before sundown.

God, however, requires very little from us, other than that we prioritize our relationship with Him, come to know Him, trust Him, and rely upon Him as He has given us this opportunity through His *Towrah* / Teaching. And since He has provided so much information and instruction regarding so many things, when there is an omission of detail regarding something, such as the specific day a new month begins, it is only reasonable to assume that we don't need to be perfect to please our Heavenly Father in this regard. Said another way, we will not be held accountable for failing to determine a date which is not clearly designated in the Word.

This difference between God's standard, and His expectation of us, as it relates to the precise day we are to observe Passover, is by design. The *Miqra'ey* are not rituals, but instead festivals established to prepare us to celebrate our familial relationship with our Heavenly Father. Their every word is prophetic, and their every symbol is a metaphor, predicting and illuminating the path home. Simply stated, it is more important to understand them, to rely upon them, to take comfort in them, to relax and enjoy them in that God has already done all of the work, than it is for us to precisely re-enact them.

Speaking of the difficulty of setting dates, Scripture tells us that the sun and moon will be darkened during the last half of the Tribulation. This indicates that apart from astrological prognostications, determining the exact time the final Miqra'ey will be fulfilled by way of observation, won't be possible.

During the process of calculating future *Miqra'ey*, we compared our conclusions to those posted by several religious organizations and discovered an interesting trend. Discrepancies, or differences which couldn't be explained simply by determining when the emerging sliver of a new moon would be observable at twilight, were directly related to Rabbis altering the start of a month to keep the special Sabbath of *Yowm Kippurym* from ever falling on a Friday (which begins on Thursday evening) or a Sunday (commencing on Saturday at sunset)—ostensibly to avoid either successive Sabbaths or any correlation with Islam (Friday) or Christianity (Sunday). In that the Rabbinical gerrymandering is contrary to Yahowah's Scriptural directions, we can say with great confidence that the Jewish religious sites are often wrong between now and when Yahowah returns.

We have elected to present the date each *Miqra'* commences, as opposed to posting when they will conclude. The reason for doing so is twofold. First, by the time we awake on the "day" of the Assembly, it is already half over. And second, Scripture suggests that the inception of each *Miqra'* is especially important. For example, the first Passover, that of the Exodus from Egypt, was observed at night. The only night associated with *Pesach* commences immediately after sundown. Moreover, Yahowsha' ate Passover with His disciples just after the sun set on the thirteenth day, enabling Him to serve as the Passover Lamb on the fourteenth. We also know that Yahowsha's *Matsah* sacrifice began at sundown on the cusp of the *Miqra'*. His fulfillment of *Bikuwrym* likewise, occurred long before the sun rose on the sixteenth day. In similar fashion, Scripture indicates that Yahowah's return will occur at sunset on *Yowm Kippurym*, which means at the initiation of the Assembly Meeting, not at its midpoint or conclusion.

Lastly, there is no Scriptural significance of any kind to *Abyb* 1, the first day of the new year. However, all of the data required to establish the dates of the first four *Miqra'ey* are derived from *Abyb* 1, which is the only reason it is listed in the following charts. The first day of the seventh month, known as *Ethanim* or *Tishri* 1, is listed for the same reason, in that it is used to determine the dates of the final three *Miqra'ey*, with *Taruw'ah* actually falling on this date.

We do not claim to be inerrant, only of desiring to provide you with information you can use to become right with Yah. But since so many people have recently come to realize that Yahowah's *Miqra'ey* / Called-Out Assemblies Meetings as they are described in the Towrah form the basis of our salvation, presenting God's narrow and unpopular path home, we are motivated to provide our Heavenly Father's children with our best estimates of when we have been invited to appear. These Called-Out Assembly Meeting dates are as follows:

Miqra'ey Calendars

Observations: All data is based on the coordinates of the Temple Mount in Jerusalem, Israel: Latitude 31°46'41.87"N Longitude 35°14'7.78"E.

Dates: Scriptural days begin at sunset and continue through the following sunset, and do not run from midnight to midnight as is our current custom. Therefore, our conversion to the Gregorian calendar date reflects the day of the sunset which initiates the complete Miqra'. For example, if Matsah is shown to commence on April 2nd then the Called-Out Assembly begins at sunset on April 2nd, and continues to sunset on April 3rd.

While there is no Scriptural significance to the 1st of Abyb, we have elected to include it in our presentation because the moon's condition on this date determines when we observe each of the first four Miqra'ey. In this regard, when Abyb 1 is displayed twice, two new moons are potential candidates. Dates from other calendar sources are only displayed alongside the new moon with which they coincide.

Times: All times are presented in military format (0:00 – 23:59). Italics indicate that daylight savings is in effect, making Israel's timezone GMT+3. Times in plain type are GMT+2. Times displayed in the linked images are GMT (Greenwich Mean Time), also known as UST (Universal Standard Time). For example: 1:30 PM GMT would be listed as 13:30 on the moon phase images, which is 15:30 Standard Time in Jerusalem, and *16:30* if still under DST.

Astronomical New Moon: An Astronomical New Moon is in conjunction, which is to say that the side which is visible from the Earth is in complete shadow. It is the exact time the moon ceases waning (losing reflected light). For our purposes, the ANM begins the moment the moon begins waxing (becoming illuminated).

Sunset: Designated as when the sun is more than 18 degrees below an ideal horizon. This is when it is perceived to have set due to the curvature of the sun's rays through the atmosphere.

Visibility: This is the portion of the moon's surface reflecting light from the sun. A full moon has 100% visibility. This value does not take visibility from the Earth into consideration. So, positive visibility is specified even when the moon is below the horizon.

Age: This reflects the number of days which have passed between the astronomical new moon and the sunset for that day.

Elevation:
This designates the angle above the horizon the center of the moon appears at sunset. The elevation at moonset is by definition 0°.

Moonset:
This is said to occur when the moon is more than 18 degrees below an ideal horizon.

Viewable: This figure quantifies the number of hours and minutes between sunset and moonset. It provides a good perspective on how much time a witness has to observe the first sliver of a new moon. Be aware, however, that the actual

practical viewable time is always less than this value, especially when the moon's setting is close to that of the sun as is the case with most new moons.

Astronomical: This precise method of dating designates Miqra'ey dates based upon the moment the moon is renewed each lunar month and begins waxing, regardless of whether this emerging sliver can actually be seen from Earth.

Observational: Miqra'ey dates listed under this format use the traditional method of beginning a new month when the first sliver of a new moon is likely to be observed at sunset. Our forecasts in this regard use the Temple Mount as the vantage point but do not take into consideration weather or atmospheric conditions. As a result, many of these observation estimates will be errant due to under- or overestimating the effects these conditions may have on the visibility.

Other Calendar Resources: We have listed other resources which provide additional dates for your consideration and comparison. When information from any resource is not included, it is because they have not provided those data for that timeframe.

Hebcal.com: This popular Jewish religious site follows the mathematical formula derived by Rabbi Maimonides and other rabbinical traditions for setting what they call the "Jewish holidays." They add many dates which are not designated in Scripture, label Unleavened Bread/*Matsah* as Passover/*Pecach*, do not acknowledge FirstFruits/*Bikuwrym*, consistently err in their dating of Sevens/*Shabuwa'*, list Trumpets/*Taruw'ah* under its Babylonian designation of *Rosh Hashanah*, and artificially alter the date of Reconciliations/*Yowm Kippurym* to keep it from falling on a Friday or Sunday (shown as sunset on Thursday and Saturday on our charts).

Paleotimes.org: This unaffiliated site provides estimates for the Called-Out Assembly dates through 2019.

Karaite-Korner.org: The Karaite site evaluates barley grains in Israel to determine when they are *Abyb*. They observe and post sightings of the first visible moon slivers they witness in Jerusalem and other areas around the world. While they do forecast dates a year or so out, using this method they are only able to establish dates for the current Spring or Fall Miqra'ey.

2004

Daylight Savings:	Wed Apr 07,2004 01:00	Wed Sep 22,2004 01:00
Astronomical New Moon:	Sun Mar 21,2004 00:42	*Tue Sep 14,2004 17:30*
Day's Sunset :	Sun Mar 21,2004 17:51	*Tue Sep 14,2004 18:46*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Sun Mar 21,2004 17:51	17:51	0.6096%	0.71	06° 59' 55"	18:26	0.6465%	00:35
Mon Mar 22,2004 17:52	17:52	3.1124%	1.72	18° 39' 05"	19:24	3.3378%	01:32

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Tue Sep 14,2004 18:46	*18:46*	0.0868%	0.05	01° 59' 58"	*18:56*	0.0874%	00:10
Wed Sep 15,2004 18:45	*18:45*	1.2996%	1.05	08° 04' 45"	*19:25*	1.3663%	00:40
Thu Sep 16,2004 18:43	*18:43*	4.8231%	2.05	14° 06' 57"	*19:54*	5.0564%	01:11

Abyb 1	Sun, Mar 21	Mon, Mar 22	Mon, Mar 22	Sun, Mar 21	Mon, Mar 22 17:57
Ethanim 1	Tue, Sep 14	Wed, Sep 15	Wed, Sep 15	Wed, Sep 15	*Wed, Sep 15 19:05*

Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**	**Paleotimes.org**	**Karaite-Korner.org**
Pecach	Sat, Apr 03	Sun, Apr 04		Sat, Apr 03	Sun, Apr 04
Matsah	Sun, Apr 04	Mon, Apr 05	Mon, Apr 05	Sun, Apr 04	Mon, Apr 05
Bikuwrym	Mon, Apr 05	Tue, Apr 06		Mon, Apr 05	Tue, Apr 06
Shabuwa'	Mon, May 24	Tue, May 25	Tue, May 25	Mon, May 24	Tue, May 25
Taruw'ah	Tue, Sep 14	Wed, Sep 15	Wed, Sep 15	Wed, Sep 15	Wed, Sep 15
Kippurym	Thu, Sep 23	Fri, Sep 24	Fri, Sep 24	Fri, Sep 24	Fri, Sep 24
Sukah	Tue, Sep 28	Wed, Sep 29	Wed, Sep 29	Wed, Sep 29	Wed, Sep 29

2005

Daylight Savings:	Fri Apr 01,2005 01:00	Sun Oct 09,2005 01:00
Astronomical New Moon:	Thu Mar 10,2005 11:11	*Mon Oct 03,2005 13:28*
Day's Sunset :	Thu Mar 10,2005 17:44	*Mon Oct 03,2005 18:22*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Thu Mar 10,2005 17:44	17:44	0.1514%	0.27	02° 01' 16"	17:55	0.1569%	00:00
Fri Mar 11,2005 17:44	17:44	2.1788%	1.27	15° 25' 31"	19:01	2.3586%	01:17
Sat Mar 12,2005 17:43	17:43	6.6175%	2.27	28° 17' 31"	20:05	7.1612%	02:22

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Mon Oct 03,2005 18:22	*18:22*	0.0413%	0.20	00° 13' 11"	*18:24*	0.0419%	00:02
Tue Oct 04,2005 18:20	*18:20*	1.4748%	1.20	06° 00' 37"	*18:51*	1.5285%	00:31
Wed Oct 05,2005 18:19	*18:19*	4.9831%	2.20	11° 29' 25"	*19:21*	5.1805%	01:02

Abyb 1	Thu, Mar 10	Fri, Mar 11	Sat, Apr 09	Fri, Mar 11	Fri, Mar 11 18:00
Ethanim 1	Mon, Oct 03	Wed, Oct 05	Mon, Oct 03	Mon, Sep 05	*Mon, Sep 05 19:05*

Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**	**Paleotimes.org**	**Karaite-Korner.org**
Pecach	Wed, Mar 23	Thu, Mar 24		Thu, Mar 24	Thu, Mar 24
Matsah	Thu, Mar 24	Fri, Mar 25	Sat, Apr 23	Fri, Mar 25	Fri, Mar 25
Bikuwrym	Fri, Mar 25	Sat, Mar 26		Sat, Mar 26	Sat, Mar 26
Shabuwa'	Fri, May 13	Sat, May 14	Sun, Jun 12	Sat, May 14	Sat, May 14
Taruw'ah	Mon, Oct 03	Wed, Oct 05	Mon, Oct 03	Mon, Sep 05	Mon, Sep 05
Kippurym	Wed, Oct 12	Fri, Oct 14	Wed, Oct 12	Wed, Sep 14	Wed, Sep 14
Sukah	Mon, Oct 17	Wed, Oct 19	Mon, Oct 17	Mon, Sep 19	Mon, Sep 19

2006

Daylight Savings:	Fri Mar 31,2006 02:00	Sun Oct 01,2006 02:00
Astronomical New Moon:	Wed Mar 29,2006 12:16	*Fri Sep 22,2006 14:46*
Day's Sunset :	Wed Mar 29,2006 17:56	*Fri Sep 22,2006 18:36*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Wed Mar 29,2006 17:56	17:56	0.0863%	0.24	02° 20' 07"	18:08	0.0924%	00:00
Thu Mar 30,2006 17:57	17:57	2.2496%	1.24	16° 09' 11"	19:18	2.4538%	01:21
Fri Mar 31,2006 18:58	*18:58*	7.0586%	2.28	29° 39' 10"	*21:29*	7.6961%	02:31

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Fri Sep 22,2006 18:36	*18:36*	0.0249%	0.16	-00° 30' 07"	*18:34*	0.0245%	00:00
Sat Sep 23,2006 18:35	*18:35*	1.2173%	1.16	**04° 40' 33"**	*18:59*	1.2524%	**00:24**
Sun Sep 24,2006 18:34	*18:34*	4.1827%	2.16	09° 43' 45"	*19:24*	4.3195%	00:50

Abyb 1	Wed, Mar 29	Thu, Mar 30	Wed, Mar 29	Wed, Mar 29	Thu, Mar 30 17:58
Ethanim 1	Fri, Sep 22	Sun, Sep 24	Fri, Sep 22	Sun, Sep 24	*Sun, Sep 24 18:40*
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**	**Paleotimes.org**	**Karaite-Korner.org**
Pecach	Tue, Apr 11	Wed, Apr 12		Tue, Apr 11	Wed, Apr 12
Matsah	Wed, Apr 12	Thu, Apr 13	Wed, Apr 12	Wed, Apr 12	Thu, Apr 13
Bikuwrym	Thu, Apr 13	Fri, Apr 14		Thu, Apr 13	Fri, Apr 14
Shabuwa'	Thu, Jun 01	Fri, Jun 02	Thu, Jun 01	Thu, Jun 01	Fri, Jun 02
Taruw'ah	Fri, Sep 22	Sun, Sep 24	Fri, Sep 22	Sun, Sep 24	Sun, Sep 24
Kippurym	Sun, Oct 01	Tue, Oct 03	Sun, Oct 01	Tue, Oct 03	Tue, Oct 03
Sukah	Fri, Oct 06	Sun, Oct 08	Fri, Oct 06	Sun, Oct 08	Sun, Oct 08

2007

Daylight Savings:	Fri Mar 30,2007 00:00	Sun Sep 16,2007 00:00
Astronomical New Moon:	Mon Mar 19,2007 04:43	*Tue Sep 11,2007 15:45*
Day's Sunset :	Mon Mar 19,2007 17:50	*Tue Sep 11,2007 18:51*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Mon Mar 19,2007 17:50	17:50	0.4816%	0.55	06° 41' 33"	18:24	0.5227%	00:00
Tue Mar 20,2007 17:50	17:50	3.6896%	1.55	21° 04' 09"	19:35	4.0369%	01:45

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Tue Sep 11,2007 18:51	*18:51*	0.0268%	0.13	-01° 13' 35"	*18:46*	0.0259%	00:00
Wed Sep 12,2007 18:50	*18:50*	1.2586%	1.13	**04° 13' 07"**	*19:11*	1.2905%	**00:21**
Thu Sep 13,2007 18:48	*18:48*	4.3122%	2.13	09° 37' 57"	*19:36*	4.4436%	00:48

Abyb 1	Mon, Mar 19	Tue, Mar 20	Mon, Mar 19	Mon, Mar 19	Tue, Mar 20 17:55
Ethanim 1	Tue, Sep 11	Thu, Sep 13	Wed, Sep 12	Wed, Sep 12	*Wed, Sep 12 18:45*
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**	**Paleotimes.org**	**Karaite-Korner.org**
Pecach	Sun, Apr 01	Mon, Apr 02		Sun, Apr 01	Tue, Sep 25
Matsah	Mon, Apr 02	Tue, Apr 03	Mon, Apr 02	Mon, Apr 02	Wed, Sep 26
Bikuwrym	Tue, Apr 03	Wed, Apr 04		Tue, Apr 03	Thu, Sep 27
Shabuwa'	Tue, May 22	Wed, May 23	Tue, May 22	Tue, May 22	Thu, Nov 15
Taruw'ah	Tue, Sep 11	Thu, Sep 13	Wed, Sep 12	Wed, Sep 12	Wed, Sep 12
Kippurym	Thu, Sep 20	Sat, Sep 22	Fri, Sep 21	Fri, Sep 21	Fri, Sep 21
Sukah	Tue, Sep 25	Thu, Sep 27	Wed, Sep 26	Wed, Sep 26	Wed, Sep 26

2008

Daylight Savings:	Fri Mar 28,2008 02:00	Sun Oct 05,2008 02:00
Astronomical New Moon:	Fri Mar 07,2008 19:15	*Sat Aug 30,2008 22:59*
Day's Sunset :	Fri Mar 07,2008 17:42	*Sat Aug 30,2008 19:05*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Fri Mar 07,2008 17:42	17:42	-0.0277%	-0.06	01° 45' 41"	17:34	-0.0285%	00:00
Sat Mar 08,2008 17:42	17:42	1.2185%	0.94	11° 34' 21"	18:40	1.3226%	00:58
Sun Mar 09,2008 17:43	17:43	5.0788%	1.94	24° 55' 39"	19:47	5.5322%	02:04

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Sat Aug 30,2008 19:05	*19:05*	-0.0508%	-0.16	-03° 31' 06"	*18:49*	-0.0551%	00:00
Sun Aug 31,2008 19:04	*19:04*	0.8946%	0.84	02° 50' 22"	*19:18*	0.9144%	00:14
Mon Sep 01,2008 19:03	*19:03*	4.0070%	1.84	08° 52' 46"	*19:47*	4.1347%	00:44

Abyb 1	Sat, Mar 08	Sat, Mar 08
Ethanim 1	Sun, Aug 31	Mon, Sep 01

Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**	**Paleotimes.org**	**Karaite-Korner.org**
Pecach	Fri, Mar 21	Fri, Mar 21			
Matsah	Sat, Mar 22	Sat, Mar 22			
Bikuwrym	Sun, Mar 23	Sun, Mar 23			
Shabuwa'	Sun, May 11	Sun, May 11			
Taruw'ah	Sun, Aug 31	Mon, Sep 01			
Kippurym	Tue, Sep 09	Wed, Sep 10			
Sukah	Sun, Sep 14	Mon, Sep 15			

2008

Daylight Savings:	Fri Mar 28,2008 02:00	Sun Oct 05,2008 02:00
Astronomical New Moon:	*Sun Apr 06,2008 06:56*	*Mon Sep 29,2008 11:13*
Day's Sunset :	*Sun Apr 06,2008 19:02*	*Mon Sep 29,2008 18:26*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Sun Apr 06,2008 19:02	*19:02*	0.5137%	0.50	06° 31' 31"	*19:36*	0.5505%	00:34
Mon Apr 07,2008 19:03	*19:03*	3.4942%	1.50	20° 22' 46"	*20:48*	3.8227%	01:45

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Mon Sep 29,2008 18:26	*18:26*	0.2248%	0.30	-02° 18' 25"	*18:16*	0.2201%	00:00
Tue Sep 30,2008 18:25	*18:25*	1.9490%	1.30	07° 52' 55"	*18:45*	1.9871%	**00:20**
Wed Oct 01,2008 18:24	*18:24*	5.5912%	2.30	09° 38' 24"	*19:17*	5.7587%	00:53

Abyb 1	Sun, Apr 06	Mon, Apr 07	Sat, Apr 05	Sun, Apr 06	*Mon, Apr 07 19:13*
Ethanim 1	Mon, Sep 29	Wed, Oct 01	Mon, Sep 29	Tue, Sep 30	*Wed, Oct 01 18:29*

Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**	**Paleotimes.org**	**Karaite-Korner.org**
Pecach	Sat, Apr 19	Sun, Apr 20		Sat, Apr 19	Sun, Apr 20
Matsah	Sun, Apr 20	Mon, Apr 21	Sat, Apr 19	Sun, Apr 20	Mon, Apr 21
Bikuwrym	Mon, Apr 21	Tue, Apr 22		Mon, Apr 21	Tue, Apr 22
Shabuwa'	Mon, Jun 09	Tue, Jun 10	Sun, Jun 08	Mon, Jun 09	Tue, Jun 10
Taruw'ah	Mon, Sep 29	Wed, Oct 01	Mon, Sep 29	Tue, Sep 30	Wed, Oct 01
Kippurym	Wed, Oct 08	Fri, Oct 10	Wed, Oct 08	Thu, Oct 09	Fri, Oct 10
Sukah	Mon, Oct 13	Wed, Oct 15	Mon, Oct 13	Tue, Oct 14	Wed, Oct 15

2009

Daylight Savings:	Fri Mar 27,2009 02:00	Sun Sep 27,2009 02:00
Astronomical New Moon:	Thu Mar 26,2009 18:07	*Fri Sep 18,2009 21:45*
Day's Sunset :	Thu Mar 26,2009 17:55	*Fri Sep 18,2009 18:41*

Abyb/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Thu Mar 26,2009 17:55	17:55	0.1431%	-0.01	-00° 38' 30"	18:53	0.1431%	00:00
Fri Mar 27,2009 18:55	*18:55*	1.3516%	1.03	11° 58' 02"	*19:56*	1.4558%	01:01
Sat Mar 28,2009 18:56	*18:56*	4.9960%	2.03	24° 26' 57"	*21:01*	5.3915%	02:05

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Fri Sep 18,2009 18:41	*18:41*	0.1572%	-0.13	-05° 30' 29"	*18:15*	0.1632%	00:00
Sat Sep 19,2009 18:40	*18:40*	1.1988%	0.87	01° 29' 55"	*18:48*	1.2119%	00:08
Sun Sep 20,2009 18:38	*18:38*	4.7437%	1.87	08° 27' 30"	*19:22*	4.8876%	00:44

Abyb 1	Fri, Mar 27	Fri, Mar 27	Wed, Mar 25	Fri, Mar 27	*Fri, Mar 27 19:12*
Ethanim 1	Sat, Sep 19	Sun, Sep 20	Fri, Sep 18	Sun, Sep 20	Sun, Sep 20
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**	**Paleotimes.org**	**Karaite-Korner.org**
Pecach	Thu, Apr 09	Thu, Apr 09		Thu, Apr 09	Thu, Apr 09
Matsah	Fri, Apr 10	Fri, Apr 10	Wed, Apr 08	Fri, Apr 10	Fri, Apr 10
Bikuwrym	Sat, Apr 11	Sat, Apr 11		Sat, Apr 11	Sat, Apr 11
Shabuwa'	Sat, May 30	Sat, May 30	Thu, May 28	Sat, May 30	Sat, May 30
Taruw'ah	Sat, Sep 19	Sun, Sep 20	Fri, Sep 18	Sun, Sep 20	Sun, Sep 20
Kippurym	Mon, Sep 28	Tue, Sep 29	Sun, Sep 27	Tue, Sep 29	Tue, Sep 29
Sukah	Sat, Oct 03	Sun, Oct 04	Fri, Oct 02	Sun, Oct 04	Sun, Oct 04

2010

Daylight Savings:	Fri Mar 26,2010 02:00	Sun Sep 12,2010 02:00
Astronomical New Moon:	Mon Mar 15,2010 23:02	*Wed Sep 08,2010 13:30*
Day's Sunset :	Mon Mar 15,2010 17:47	*Wed Sep 08,2010 18:41*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Mon Mar 15,2010 17:47	17:47	-0.2018%	-0.22	-02° 50' 41"	17:34	-0.2053%	00:00
Tue Mar 16,2010 17:48	17:48	**0.7690%**	0.78	08° 12' 46"	18:29	**0.8132%**	00:41
Wed Mar 17,2010 17:48	17:48	3.2565%	1.78	19° 38' 08"	19:26	3.4965%	01:38

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Wed Sep 08,2010 15:55	*15:55*	0.2502%	0.10	-03° 13' 45"	*15:40*	0.2427%	00:00
Thu Sep 09,2010 15:53	*15:53*	2.4994%	1.10	04° 42' 22"	*19:17*	2.5618%	03:24
Fri Sep 10,2010 15:53	*15:53*	7.5477%	2.10	12° 04' 03"	*19:55*	7.8253%	04:02

Abyb 1	Tue, Mar 16	Wed, Mar 17	Mon, Mar 15	Tue, Mar 16	Wed, Mar 17
Ethanim 1	Wed, Sep 08	Thu, Sep 09	Wed, Sep 08	Thu, Sep 09	
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**	**Paleotimes.org**	**Karaite-Korner.org**
Pecach	Mon, Mar 29	Tue, Mar 30		Mon, Mar 29	Tue, Mar 30
Matsah	Tue, Mar 30	Wed, Mar 31	Mon, Mar 29	Tue, Mar 30	Wed, Mar 31
Bikuwrym	Wed, Mar 31	Thu, Apr 01		Wed, Mar 31	Thu, Apr 01
Shabuwa'	Wed, May 19	Thu, May 20	Tue, May 18	Wed, May 19	Thu, May 20
Taruw'ah	Wed, Sep 08	Thu, Sep 09	Wed, Sep 08	Thu, Sep 09	
Kippurym	Fri, Sep 17	Sat, Sep 18	Fri, Sep 17	Sat, Sep 18	

Sukah	Wed, Sep 22	Thu, Sep 23	Wed, Sep 22	Thu, Sep 23	

2011

Daylight Savings:	Fri Apr 01,2011 02:00	Sun Oct 02,2011 02:00
Astronomical New Moon:	*Sun Apr 03,2011 17:33*	*Tue Sep 27,2011 14:09*
Day's Sunset :	*Sun Apr 03,2011 19:00*	*Tue Sep 27,2011 18:30*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Sun Apr 03,2011 19:00	*19:00*	0.1772%	0.06	-02° 50' 41"	*19:02*	0.1774%	00:00
Mon Apr 04,2011 19:00	*19:00*	1.1656%	1.06	11° 07' 04"	*19:57*	1.2418%	00:57
Tue Apr 05,2011 19:01	*19:01*	3.9522%	2.06	21° 51' 20"	*20:52*	4.2403%	01:51

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Tue Sep 27,2011 18:30	*18:30*	0.2225%	0.18	00° 14' 47"	*18:13*	0.2165%	00:00
Wed Sep 28,2011 18:29	*18:29*	2.2825%	1.18	04° 54' 15"	*18:55*	2.3473%	00:26
Thu Sep 29,2011 18:27	*18:27*	7.2337%	2.18	13° 16' 07"	*19:40*	7.5548%	01:13

Abyb 1	Sun, Apr 03	Mon, Apr 04	Mon, Apr 04	Mon, Apr 04
Ethanim 1	Tue, Sep 27	Wed, Sep 28	Wed, Sep 28	Wed, Sep 28

Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**	**Paleotimes.org**
Pecach	Sat, Apr 16	Sun, Apr 17		Sun, Apr 17
Matsah	Sun, Apr 17	Mon, Apr 18	Mon, Apr 18	Mon, Apr 18
Bikuwrym	Mon, Apr 18	Tue, Apr 19		Tue, Apr 19
Shabuwa'	Mon, Jun 06	Tue, Jun 07	Tue, Jun 07	Tue, Jun 07
Taruw'ah	Tue, Sep 27	Wed, Sep 28	Wed, Sep 28	Wed, Sep 28
Kippurym	Thu, Oct 06	Fri, Oct 07	Fri, Oct 07	Fri, Oct 07
Sukah	Tue, Oct 11	Wed, Oct 12	Wed, Oct 12	Wed, Oct 12

2012

Daylight Savings:	Fri Mar 30,2012 02:00	Sun Sep 23,2012 02:00
Astronomical New Moon:	Thu Mar 22,2012 16:38	*Sun Sep 16,2012 05:11*
Day's Sunset :	Thu Mar 22,2012 17:52	*Sun Sep 16,2012 18:43*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Thu Mar 22,2012 17:52	17:52	0.1606%	0.05	00° 09' 36"	17:54	0.1607%	00:02
Fri Mar 23,2012 17:53	17:53	1.1639%	1.05	11° 01' 37"	18:48	1.2386%	00:55
Sat Mar 24,2012 17:53	17:53	3.9626%	2.05	21° 57' 50"	19:42	4.2436%	01:49

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Sun Sep 16,2012 18:43	*18:43*	0.5633%	0.56	-00° 13' 59"	*18:43*	0.2165%	00:00
Mon Sep 17,2012 18:42	*18:42*	3.3893%	1.56	07° 48' 49"	*19:22*	3.5061%	00:40
Tue Sep 18,2012 18:41	*18:41*	8.8282%	2.56	15° 37' 48"	*20:04*	9.2162%	01:23

Abyb 1	Thu, Mar 22	Fri, Mar 23	Fri, Mar 23	Fri, Mar 23
Ethanim 1	Sun, Sep 16	Mon, Sep 17	Sun, Sep 16	Mon, Sep 17

Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**	**Paleotimes.org**
Pecach	Wed, Apr 04	Thu, Apr 05		Thu, Apr 05
Matsah	Thu, Apr 05	Fri, Apr 06	Fri, Apr 06	Fri, Apr 06
Bikuwrym	Fri, Apr 06	Sat, Apr 07		Sat, Apr 07
Shabuwa'	Fri, May 25	Sat, May 26	Sat, May 26	Sat, May 26
Taruw'ah	Sun, Sep 16	Mon, Sep 17	Sun, Sep 16	Mon, Sep 17
Kippurym	Tue, Sep 25	Wed, Sep 26	Tue, Sep 25	Wed, Sep 26

Sukah	Sun, Sep 30	Mon, Oct 01	Sun, Sep 30	Mon, Oct 01

2013

Daylight Savings:	Fri Mar 29,2013 02:00	Sun Sep 08,2013 02:00
Astronomical New Moon:	Mon Mar 11,2013 21:52	*Thu Sep 05,2013 14:37*
Day's Sunset :	Mon Mar 11,2013 17:44	*Thu Sep 05,2013 18:58*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Mon Mar 11,2013 17:44	17:44	-0.1817%	-0.17	-02° 30' 25"	17:32	-0.1855%	00:00
Tue Mar 12,2013 17:45	17:45	**0.8983%**	0.83	9° 32' 58"	18:33	0.9612%	00:48
Wed Mar 13,2013 17:46	17:46	3.8055%	1.83	21° 18' 34"	19:31	4.0956%	01:45

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Thu Sep 05,2013 18:58	*18:58*	0.1634%	0.18	-03° 12' 38"	*18:43*	0.1600%	00:00
Fri Sep 06,2013 18:57	*18:57*	1.5769%	1.18	**04° 08' 47"**	*19:18*	1.6135%	**00:21**
Sat Sep 07,2013 18:55	*18:55*	5.1537%	2.18	11° 41' 33"	*19:54*	5.3463%	00:59

Abyb 1	Tue, Mar 12	Wed, Mar 13	Mon, Mar 11	Tue, Mar 12
Ethanim 1	Thu, Sep 05	Sat, Sep 07	Wed, Sep 04	Fri, Sep 06

Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**	**Paleotimes.org**
Pecach	Mon, Mar 25	Tue, Mar 26		Mon, Mar 25
Matsah	Tue, Mar 26	Wed, Mar 27	Mon, Mar 25	Tue, Mar 26
Bikuwrym	Wed, Mar 27	Thu, Mar 28		Wed, Mar 27
Shabuwa'	Wed, May 15	Thu, May 16	Tue, May 14	Wed, May 15
Taruw'ah	Thu, Sep 05	Sat, Sep 07	Wed, Sep 04	Fri, Sep 06
Kippurym	Sat, Sep 14	Mon, Sep 16	Fri, Sep 13	Sun, Sep 15
Sukah	Thu, Sep 19	Sat, Sep 21	Wed, Sep 18	Fri, Sep 20

2014

Daylight Savings:	Fri Mar 28,2014 02:00	Sun Sep 28,2014 02:00
Astronomical New Moon:	Sat Mar 01,2014 10:00	*Mon Aug 25,2014 17:13*
Day's Sunset :	Sat Mar 01,2014 17:37	*Mon Aug 25,2014 19:12*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Sat Mar 01,2014 17:37	17:37	0.2431%	0.32	03° 44' 10"	17:56	0.2548%	00:19
Sun Mar 02,2014 17:37	17:37	2.5034%	1.32	16° 56' 40"	19:02	2.7173%	01:25

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Mon Aug 25,2014 19:12	*19:12*	0.1132%	0.08	-03° 36' 22"	*18:55*	0.1121%	00:00
Tue Aug 26,2014 19:11	*19:11*	1.1293%	1.08	03° 25' 55"	*19:28*	1.1522%	00:17
Wed Aug 27,2014 19:09	*19:09*	3.9522%	2.08	10° 38' 35"	*20:01*	4.0876%	00:52

Abyb 1	Sat, Mar 01	Sun, Mar 02		Sun, Mar 02
Ethanim 1	Mon, Aug 25	Wed, Aug 27		Tue, Aug 26

Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**	**Paleotimes.org**
Pecach	Fri, Mar 14	Sat, Mar 15		Sat, Mar 15
Matsah	Sat, Mar 15	Sun, Mar 16		Sun, Mar 16
Bikuwrym	Sun, Mar 16	Mon, Mar 17		Mon, Mar 17
Shabuwa'	Sun, May 04	Mon, May 05		Mon, May 05
Taruw'ah	Mon, Aug 25	Wed, Aug 27		Tue, Aug 26
Kippurym	Wed, Sep 03	Fri, Sep 05		Thu, Sep 04
Sukah	Mon, Sep 08	Wed, Sep 10		Tue, Sep 09

2014

Daylight Savings:	Fri Mar 28,2014 02:00	Sun Sep 28,2014 02:00
Astronomical New Moon:	*Sun Mar 30,2014 21:45*	*Wed Sep 24,2014 09:14*
Day's Sunset :	Sun Mar 30,2014 18:57	*Wed Sep 24,2014 18:34*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Sun Mar 30,2014 18:57	*18:57*	0.0433%	-0.12	-02° 30' 25"	*18:46*	0.0460%	00:00
Mon Mar 31,2014 18:58	*18:58*	**1.0069%**	0.88	10° 17' 51"	*19:50*	1.0890%	00:52
Tue Apr 01,2014 18:59	*18:59*	4.4032%	1.88	22° 33' 52"	*20:51*	4.7588%	01:52

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Wed Sep 24,2014 18:34	*18:34*	0.1553%	0.39	00° 16' 40"	*18:36*	0.1563%	00:02
Thu Sep 25,2014 18:32	*18:32*	1.8528%	1.39	07° 41' 45"	*19:11*	1.9261%	00:39
Fri Sep 26,2014 18:31	*18:31*	5.5052%	2.39	14° 48' 45"	*19:47*	5.7517%	01:16

Abyb 1	Mon, Mar 31	Mon, Mar 31	Mon, Mar 31
Ethanim 1	Wed, Sep 24	Thu, Sep 25	Wed, Sep 24

Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**	**Paleotimes.org**
Pecach	Sun, Apr 13	Sun, Apr 13		
Matsah	Mon, Apr 14	Mon, Apr 14	Mon, Apr 14	
Bikuwrym	Tue, Apr 15	Tue, Apr 15		
Shabuwa'	Tue, Jun 03	Tue, Jun 03	Tue, Jun 03	
Taruw'ah	Wed, Sep 24	Thu, Sep 25	Wed, Sep 24	
Kippurym	Fri, Oct 03	Sat, Oct 04	Fri, Oct 03	
Sukah	Wed, Oct 08	Thu, Oct 09	Wed, Oct 08	

2015

Daylight Savings:	Fri Mar 27,2015 02:00	Sun Sep 20,2015 02:00
Astronomical New Moon:	*Fri Mar 20,2015 11:37*	*Sun Sep 13,2015 09:42*
Day's Sunset :	Fri Mar 20,2015 17:50	*Sun Sep 13,2015 18:48*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Fri Mar 20,2015 17:50	17:50	0.1050%	0.26	02° 38' 16"	18:04	0.1127%	00:14
Sat Mar 21,2015 17:51	17:51	2.3804%	1.26	16° 50' 51"	19:12	2.5940%	01:21
Sun Mar 22,2015 17:52	17:52	7.4042%	2.26	29° 33' 11"	20:19	8.0517%	02:27

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Sun Sep 13,2015 18:48	*18:48*	0.1312%	0.38	00° 50' 41"	*18:53*	0.1335%	00:05
Mon Sep 14,2015 18:47	*18:47*	1.6919%	1.38	07° 47' 50"	*19:26*	1.7588%	00:39
Tue Sep 15,2015 18:46	*18:46*	4.9883%	2.38	14° 32' 41"	*19:59*	5.2000%	01:13

Abyb 1	Fri, Mar 20	Sat, Mar 21	Fri, Mar 20	Sat, Mar 21
Ethanim 1	Sun, Sep 13	Mon, Sep 14	Sun, Sep 13	Mon, Sep 14

Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**	**Paleotimes.org**
Pecach	Thu, Apr 02	Fri, Apr 03		Fri, Apr 03
Matsah	Fri, Apr 03	Sat, Apr 04	Fri, Apr 03	Sat, Apr 04
Bikuwrym	Sat, Apr 04	Sun, Apr 05		Sun, Apr 05
Shabuwa'	Sat, May 23	Sun, May 24	Sat, May 23	Sun, May 24
Taruw'ah	Sun, Sep 13	Mon, Sep 14	Sun, Sep 13	Mon, Sep 14
Kippurym	Tue, Sep 22	Wed, Sep 23	Tue, Sep 22	Wed, Sep 23

Sukah	Sun, Sep 27	Mon, Sep 28	Sun, Sep 27	Mon, Sep 28

2016

Daylight Savings:	Fri Apr 01,2016 02:00	Sun Oct 09,2016 02:00
Astronomical New Moon:	Wed Mar 09,2016 01:55	*Thu Sep 01,2016 12:04*
Day's Sunset :	Wed Mar 09,2016 17:43	*Thu Sep 01,2016 19:03*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Wed Mar 09,2016 17:43	17:43	0.4924%	0.66	06° 43' 52"	18:17	0.5339%	00:34
Thu Mar 10,2016 17:44	17:44	3.6948%	1.66	20° 18' 03"	19:25	4.0271%	01:41

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Thu Sep 01,2016 19:03	*19:03*	0.0869%	0.29	00° 49' 46"	*19:08*	0.0889%	00:05
Fri Sep 02,2016 19:01	*19:01*	1.6818%	1.29	08° 32' 06"	*19:43*	1.7575%	00:42
Sat Sep 03,2016 19:00	*19:00*	5.1495%	2.29	15° 38' 25"	*20:17*	5.3836%	01:17

Abyb 1	Wed, Mar 09	Wed, Mar 09	
Ethanim 1	Thu, Sep 01	Fri, Sep 02	
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**
Pecach	Tue, Mar 22	Tue, Mar 22	
Matsah	Wed, Mar 23	Wed, Mar 23	
Bikuwrym	Thu, Mar 24	Thu, Mar 24	
Shabuwa'	Thu, May 12	Thu, May 12	
Taruw'ah	Thu, Sep 01	Fri, Sep 02	
Kippurym	Sat, Sep 10	Sun, Sep 11	
Sukah	Thu, Sep 15	Fri, Sep 16	

2016

Daylight Savings:	Fri Apr 01,2016 02:00	Sun Oct 09,2016 02:00
Astronomical New Moon:	*Thu Apr 07,2016 14:24*	*Sat Oct 01,2016 03:12*
Day's Sunset :	*Thu Apr 07,2016 19:03*	*Sat Oct 01,2016 18:24*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Thu Apr 07,2016 19:03	*19:03*	0.1083%	0.19	01° 07' 12"	*19:09*	0.1110%	00:06
Fri Apr 08,2016 19:04	*19:04*	2.2954%	1.19	14° 51' 46"	*20:18*	2.4888%	01:14

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Sat Oct 01,2016 18:24	*18:24*	0.4371%	0.63	05° 12' 58"	*18:50*	0.4594%	00:26
Sun Oct 02,2016 18:22	*18:22*	2.5517%	1.63	12° 16' 47"	*19:24*	2.6822%	01:02

Abyb 1	Thu, Apr 07	Fri, Apr 08	Fri, Apr 08
Ethanim 1	Sat, Oct 01	Sun, Oct 02	Sun, Oct 02
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**
Pecach	Wed, Apr 20	Thu, Apr 21	
Matsah	Thu, Apr 21	Fri, Apr 22	Fri, Apr 22
Bikuwrym	Fri, Apr 22	Sat, Apr 23	
Shabuwa'	Fri, Jun 10	Sat, Jun 11	Sat, Jun 11
Taruw'ah	Sat, Oct 01	Sun, Oct 02	Sun, Oct 02
Kippurym	Mon, Oct 10	Tue, Oct 11	Tue, Oct 11
Sukah	Sat, Oct 15	Sun, Oct 16	Sun, Oct 16

2017

Daylight Savings:	Fri Mar 31,2017 02:00	Sun Sep 24,2017 02:00
Astronomical New Moon:	Tue Mar 28,2017 04:58	*Wed Sep 20,2017 08:31*
Day's Sunset :	Tue Mar 28,2017 17:56	*Wed Sep 20,2017 18:38*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Tue Mar 28,2017 17:56	17:56	0.4972%	0.54	05° 32' 13"	18:24	0.5279%	00:28
Wed Mar 29,2017 17:57	17:57	3.4493%	1.54	18° 45' 50"	19:30	3.7345%	01:33

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Wed Sep 20,2017 18:38	*18:38*	0.2864%	0.42	04° 37' 48"	*19:01*	0.3028%	00:23
Thu Sep 21,2017 18:37	*18:37*	2.3855%	1.42	12° 04' 32"	*19:37*	2.5183%	01:00

Abyb 1	Tue, Mar 28	Wed, Mar 29	Mon, Mar 27
Ethanim 1	Wed, Sep 20	Thu, Sep 21	Wed, Sep 20
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**
Pecach	Mon, Apr 10	Tue, Apr 11	
Matsah	Tue, Apr 11	Wed, Apr 12	Mon, Apr 10
Bikuwrym	Wed, Apr 12	Thu, Apr 13	
Shabuwa'	Wed, May 31	Thu, Jun 01	Tue, May 30
Taruw'ah	Wed, Sep 20	Thu, Sep 21	Wed, Sep 20
Kippurym	Fri, Sep 29	Sat, Sep 30	Fri, Sep 29
Sukah	Wed, Oct 04	Thu, Oct 05	Wed, Oct 04

2018

Daylight Savings:	Fri Mar 30,2018 02:00	Sun Sep 16,2018 02:00
Astronomical New Moon:	Sat Mar 17,2018 15:12	*Sun Sep 09,2018 21:02*
Day's Sunset :	Sat Mar 17,2018 17:48	*Sun Sep 09,2018 18:53*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Sat Mar 17,2018 17:48	17:48	0.1107%	0.11	-00° 16' 29"	17:47	0.1105%	00:00
Sun Mar 18,2018 17:49	17:49	1.5074%	1.11	11° 29' 10"	18:46	1.6090%	00:57
Mon Mar 19,2018 17:50	17:50	5.1586%	2.11	23° 28' 08"	19:46	5.5495%	01:56

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Sun Sep 09,2018 18:53	*18:53*	-0.0979%	-0.09	00° 56' 17"	*18:58*	-0.0972%	00:05
Mon Sep 10,2018 18:52	*18:52*	1.3087%	0.91	09° 26' 46"	*19:38*	1.3929%	00:46
Tue Sep 11,2018 18:51	*18:51*	5.1609%	1.91	17° 20' 00"	*20:16*	5.4624%	01:25

Abyb 1	Sat, Mar 17	Sun, Mar 18	Fri, Mar 16
Ethanim 1	Mon, Sep 10	Mon, Sep 10	Sun, Sep 09
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**
Pecach	Fri, Mar 30	Sat, Mar 31	
Matsah	Sat, Mar 31	Sun, Apr 01	Fri, Mar 30
Bikuwrym	Sun, Apr 01	Mon, Apr 02	
Shabuwa'	Sun, May 20	Mon, May 21	Sat, May 19
Taruw'ah	Mon, Sep 10	Mon, Sep 10	Sun, Sep 09
Kippurym	Wed, Sep 19	Wed, Sep 19	Tue, Sep 18
Sukah	Mon, Sep 24	Mon, Sep 24	Sun, Sep 23

2019

Daylight Savings:	Fri Mar 29,2019 02:00	Sun Oct 06,2019 02:00
Astronomical New Moon:	Wed Mar 06,2019 18:05	*Fri Aug 30,2019 13:38*
Day's Sunset :	Wed Mar 06,2019 17:40	*Fri Aug 30,2019 19:06*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Wed Mar 06,2019 17:40	17:40	0.1175%	-0.02	-01° 49' 09"	17:32	0.1244%	00:00
Thu Mar 07,2019 17:41	17:41	1.0443%	0.98	08° 50' 59"	19:26	1.1030%	01:45
Fri Mar 08,2019 17:42	17:42	3.8110%	1.98	19° 38' 21"	20:20	4.0653%	02:38

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Fri Aug 30,2019 19:06	*19:06*	0.2107%	0.23	04° 09' 04"	*19:27*	0.2221%	00:00
Sat Aug 31,2019 19:05	*19:05*	2.5024%	1.23	12° 57' 20"	*20:08*	2.6709%	01:03

Abyb 1	Thu, Mar 07	Thu, Mar 07
Ethanim 1	Fri, Aug 30	Sat, Aug 31

Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**
Pecach	Wed, Mar 20	Wed, Mar 20	
Matsah	Thu, Mar 21	Thu, Mar 21	
Bikuwrym	Fri, Mar 22	Fri, Mar 22	
Shabuwa'	Fri, May 10	Fri, May 10	
Taruw'ah	Fri, Aug 30	Sat, Aug 31	
Kippurym	Sun, Sep 08	Mon, Sep 09	
Sukah	Fri, Sep 13	Sat, Sep 14	

2019

Daylight Savings:	Fri Mar 29,2019 02:00	Sun Oct 06,2019 02:00
Astronomical New Moon:	*Fri Apr 05,2019 11:51*	*Sat Sep 28,2019 21:27*
Day's Sunset :	*Fri Apr 05,2019 19:01*	*Sat Sep 28,2019 18:27*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Fri Apr 05,2019 19:01	*19:01*	0.2785%	0.30	01° 27' 00"	*19:09*	0.2819%	00:08
Sat Apr 06,2019 19:02	*19:02*	1.8826%	8.71	12° 42' 54"	*20:05*	1.9989%	01:03
Sun Apr 07,2019 19:02	*19:02*	5.5017%	2.30	24° 22' 08"	*21:03*	5.8966%	02:01

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Sat Sep 28,2019 18:27	*18:27*	-0.2102%	-0.13	02° 13' 30"	*18:38*	-0.2074%	00:11
Sun Sep 29,2019 18:27	*18:27*	1.3581%	0.88	10° 06' 00"	*19:17*	1.4514%	00:50
Mon Sep 30,2019 18:26	*18:26*	5.3668%	1.87	17° 33' 11"	*19:55*	5.6995%	01:29

Abyb 1	Fri, Apr 05	Sat, Apr 06	Fri, Apr 05
Ethanim 1	Sun, Sep 29	Sun, Sep 29	Tue, Sep 29

Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**
Pecach	Thu, Apr 18	Fri, Apr 19	
Matsah	Fri, Apr 19	Sat, Apr 20	Fri, Apr 19
Bikuwrym	Sat, Apr 20	Sun, Apr 21	
Shabuwa'	Sat, Jun 08	Sun, Jun 09	Sat, Jun 08
Taruw'ah	Sun, Sep 29	Sun, Sep 29	Tue, Sep 29
Kippurym	Tue, Oct 08	Tue, Oct 08	Thu, Oct 08
Sukah	Sun, Oct 13	Sun, Oct 13	Tue, Oct 13

2020

Daylight Savings:	Fri Mar 27,2020 02:00	Sun Sep 27,2020 02:00
Astronomical New Moon:	Tue Mar 24,2020 11:29	*Thu Sep 17,2020 14:01*
Day's Sunset :	Tue Mar 24,2020 17:53	*Thu Sep 17,2020 18:42*

Abib/Aviv/Nisan 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Tue Mar 24,2020 17:53	17:53	0.2532%	0.27	00° 56' 16"	17:59	0.2549%	00:06
Wed Mar 25,2020 17:54	17:54	1.6159%	1.27	11° 48' 21"	18:53	1.7093%	00:59
Thu Mar 26,2020 17:55	17:55	4.7238%	2.27	22° 30' 21"	19:46	5.0335%	01:51

Ethanim/Tishri 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Thu Sep 17,2020 18:42	*18:42*	0.2479%	0.20	04° 32' 54"	*19:05*	0.2576%	00:23
Fri Sep 18,2020 18:41	*18:41*	2.3341%	1.19	12° 18' 13"	*19:41*	2.4854%	01:00
Sat Sep 19,2020 18:39	*18:39*	7.2915%	2.19	19° 36' 10"	*20:18*	7.7296%	01:39

Abyb 1	Tue, Mar 24	Wed, Mar 25	Wed, Mar 25
Ethanim 1	Thu, Sep 17	Fri, Sep 18	Fri, Sep 18
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**
Pecach	Mon, Apr 06	Tue, Apr 07	
Matsah	Tue, Apr 07	Wed, Apr 08	Wed, Apr 08
Bikuwrym	Wed, Apr 08	Thu, Apr 09	
Shabuwa'	Wed, May 27	Thu, May 28	Thu, May 28
Taruw'ah	Thu, Sep 17	Fri, Sep 18	Fri, Sep 18
Kippurym	Sat, Sep 26	Sun, Sep 27	Sun, Sep 27
Sukah	Thu, Oct 01	Fri, Oct 02	Fri, Oct 02

2021

Daylight Savings:	Fri Mar 26,2021 02:00	Sun Sep 12,2021 02:00
Astronomical New Moon:	Sat Mar 13,2021 12:22	*Tue Sep 07,2021 13:52*
Day's Sunset :	Sat Mar 13,2021 17:46	*Tue Sep 07,2021 18:55*

Abib/Aviv/Nisan 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Sat Mar 13,2021 17:46	17:46	0.2343%	0.22	00° 40' 26"	17:50	0.2355%	00:04
Sun Mar 14,2021 17:46	17:46	1.6347%	1.22	12° 03' 17"	18:46	1.7339%	01:00
Mon Mar 15,2021 17:47	17:47	4.8641%	2.23	23° 04' 30"	19:41	5.1921%	01:54

Ethanim/Tishri 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Tue Sep 07,2021 18:55	*18:55*	0.6699%	0.21	07° 31' 48"	*19:32*	0.7109%	00:37
Wed Sep 08,2021 18:54	*18:54*	3.5099%	1.21	14° 27' 05"	*20:05*	3.7156%	01:11

Abyb 1	Sat, Mar 13	Sun, Mar 14	Sat, Mar 13
Ethanim 1	Tue, Sep 07	Wed, Sep 08	Mon, Sep 06
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**
Pecach	Fri, Mar 26	Sat, Mar 27	
Matsah	Sat, Mar 27	Sun, Mar 28	Sat, Mar 27
Bikuwrym	Sun, Mar 28	Mon, Mar 29	
Shabuwa'	Sun, May 16	Mon, May 17	Sun, May 16
Taruw'ah	Tue, Sep 07	Wed, Sep 08	Mon, Sep 06
Kippurym	Thu, Sep 16	Fri, Sep 17	Wed, Sep 15
Sukah	Tue, Sep 21	Wed, Sep 22	Mon, Sep 20

2022

Daylight Savings:	Fri Apr 01,2022 02:00	Sun Oct 02,2022 02:00
Astronomical New Moon:	*Fri Apr 01,2022 09:25*	*Mon Sep 26,2022 00:55*
Day's Sunset :	*Fri Apr 01,2022 18:59*	*Mon Sep 26,2022 18:31*

Abib/Aviv/Nisan 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Fri Apr 01,2022 18:59	*18:59*	0.2471%	0.40	03° 03' 24"	*19:15*	0.2565%	00:16
Sat Apr 02,2022 18:59	*18:59*	2.1360%	1.40	15° 03' 23"	*20:14*	2.2901%	01:15
Sun Apr 03,2022 19:00	*19:00*	5.9777%	2.40	26° 35' 43"	*21:13*	6.4211%	02:13

Ethanim/Tishri 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Mon Sep 26,2022 18:31	*18:31*	0.6550%	0.73	06° 07' 45"	*19:01*	0.6889%	00:30
Tue Sep 27,2022 18:30	*18:30*	3.4020%	1.73	12° 02' 23"	*19:31*	3.5689%	01:01

Abyb 1	Fri, Apr 01	Sat, Apr 02	Fri, Apr 01
Ethanim 1	Mon, Sep 26	Tue, Sep 27	Sun, Sep 25
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**
Pecach	Thu, Apr 14	Fri, Apr 15	
Matsah	Fri, Apr 15	Sat, Apr 16	Fri, Apr 15
Bikuwrym	Sat, Apr 16	Sun, Apr 17	
Shabuwa'	Sat, Jun 04	Sun, Jun 05	Sat, Jun 04
Taruw'ah	Mon, Sep 26	Tue, Sep 27	Sun, Sep 25
Kippurym	Wed, Oct 05	Thu, Oct 06	Tue, Oct 04
Sukah	Mon, Oct 10	Tue, Oct 11	Sun, Oct 09

2023

Daylight Savings:	Fri Mar 31,2023 02:00	Sun Sep 24,2023 02:00
Astronomical New Moon:	Tue Mar 21,2023 19:24	*Fri Sep 15,2023 04:40*
Day's Sunset :	Tue Mar 21,2023 17:51	*Fri Sep 15,2023 18:46*

Abib/Aviv/Nisan 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Tue Mar 21,2023 17:51	17:51	-0.0721%	-0.06	-02° 25' 25"	17:40	-0.0740%	00:00
Wed Mar 22,2023 17:52	17:52	1.2219%	0.94	10° 57' 10"	18:47	1.3189%	00:55
Thu Mar 23,2023 17:52	17:52	4.9330%	1.94	24° 13' 19"	19:52	5.3455%	02:00

Ethanim/Tishri 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Fri Sep 15,2023 18:46	*18:46*	0.3577%	0.59	04° 23' 31"	*19:08*	0.3740%	00:22
Sat Sep 16,2023 18:44	*18:44*	2.3388%	1.59	09° 55' 26"	*19:33*	2.4391%	00:49
Sun Sep 17,2023 18:43	*18:43*	6.1710%	2.59	14° 58' 02"	*19:59*	6.4238%	01:16

Abyb 1	Wed, Mar 22	Wed, Mar 22	Wed, Mar 22
Ethanim 1	Fri, Sep 15	Sat, Sep 16	Fri, Sep 15
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**
Pecach	Tue, Apr 04	Tue, Apr 04	
Matsah	Wed, Apr 05	Wed, Apr 05	Wed, Apr 05
Bikuwrym	Thu, Apr 06	Thu, Apr 06	
Shabuwa'	Thu, May 25	Thu, May 25	Thu, May 25
Taruw'ah	Fri, Sep 15	Sat, Sep 16	Fri, Sep 15
Kippurym	Sun, Sep 24	Mon, Sep 25	Sun, Sep 24
Sukah	Fri, Sep 29	Sat, Sep 30	Fri, Sep 29

2024

Daylight Savings:	Fri Mar 29,2024 02:00	Sun Oct 06,2024 02:00
Astronomical New Moon:	Sun Mar 10,2024 11:01	*Wed Oct 02,2024 21:50*
Day's Sunset :	Sun Mar 10,2024 17:44	*Wed Oct 02,2024 18:22*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Sun Mar 10,2024 17:44	17:44	0.1484%	0.28	02° 28' 54"	17:57	0.1560%	00:13
Mon Mar 11,2024 17:45	17:45	2.5032%	1.28	16° 38' 52"	19:08	2.7288%	01:23

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Wed Oct 02,2024 18:22	*18:22*	-0.0190%	-0.14	-02° 01' 55"	*15:13*	-0.0207%	00:00
Thu Oct 03,2024 18:21	*18:21*	0.6616%	0.85	03° 12' 29"	*18:38*	0.6799%	00:17
Fri Oct 04,2024 18:20	*18:20*	3.0828%	1.85	08° 22' 14"	*19:04*	3.1843%	00:44

Abyb 1	Sun, Mar 10	Mon, Mar 11	Mon, Apr 08
Ethanim 1	Thu, Oct 03	Fri, Oct 04	Wed, Oct 02
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**
Pecach	Sat, Mar 23	Sun, Mar 24	
Matsah	Sun, Mar 24	Mon, Mar 25	Mon, Apr 22
Bikuwrym	Mon, Mar 25	Tue, Mar 26	
Shabuwa'	Mon, May 13	Tue, May 14	Tue, Jun 11
Taruw'ah	Thu, Oct 03	Fri, Oct 04	Wed, Oct 02
Kippurym	Sat, Oct 12	Sun, Oct 13	Fri, Oct 11
Sukah	Thu, Oct 17	Fri, Oct 18	Wed, Oct 16

2025

Daylight Savings:	Fri Mar 28,2025 02:00	Sun Sep 28,2025 02:00
Astronomical New Moon:	*Sat Mar 29,2025 13:58*	*Sun Sep 21,2025 22:55*
Day's Sunset :	*Sat Mar 29,2025 18:57*	*Sun Sep 21,2025 18:37*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Sat Mar 29,2025 18:57	*18:57*	0.0788%	0.21	01° 54' 08"	19:07	0.0834%	00:10
Sun Mar 30,2025 18:57	*18:57*	2.2629%	1.21	16° 15' 49"	20:19	2.4774%	01:22
Mon Mar 31,2025 18:58	*18:58*	7.3448%	2.21	30° 21' 37"	21:33	8.0473%	02:35

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Sun Sep 21,2025 18:37	*18:37*	-0.0367%	-0.18	-02° 53' 44"	*18:24*	-0.0399%	00:00
Mon Sep 22,2025 18:36	*18:36*	0.6813%	0.82	02° 34' 12"	*18:49*	0.6960%	00:13
Tue Sep 23,2025 18:34	*18:34*	3.2087%	1.82	08° 03' 15"	*19:15*	3.3068%	00:41

Abyb 1	Sat, Mar 29	Sun, Mar 30	Sat, Mar 29
Ethanim 1	Mon, Sep 22	Tue, Sep 23	Mon, Sep 22
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**
Pecach	Fri, Apr 11	Sat, Apr 12	
Matsah	Sat, Apr 12	Sun, Apr 13	Sat, Apr 12
Bikuwrym	Sun, Apr 13	Mon, Apr 14	
Shabuwa'	Sun, Jun 01	Mon, Jun 02	Sun, Jun 01
Taruw'ah	Mon, Sep 22	Tue, Sep 23	Mon, Sep 22
Kippurym	Wed, Oct 01	Thu, Oct 02	Wed, Oct 01
Sukah	Mon, Oct 06	Tue, Oct 07	Mon, Oct 06

2026

Daylight Savings:	Fri Mar 27,2026 02:00	Sun Sep 20,2026 02:00
Astronomical New Moon:	Thu Mar 19,2026 03:24	*Fri Sep 11,2026 06:28*
Day's Sunset :	Thu Mar 19,2026 17:50	*Fri Sep 11,2026 18:50*

Abib/Aviv/Nisan 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Thu Mar 19,2026 17:50	17:50	0.5157%	0.60	06° 57' 29"	18:25	0.5557%	00:35
Fri Mar 20,2026 17:50	17:50	3.4549%	1.60	20° 23' 40"	19:32	3.7627%	01:42

Ethanim/Tishri 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Fri Sep 11,2026 18:50	*18:50*	0.3653%	0.52	00° 52' 21"	*18:55*	0.3698%	00:05
Sat Sep 12,2026 18:49	*18:49*	2.8097%	1.51	00° 00' 00"	*19:24*	2.8965%	00:35

Abyb 1	Thu, Mar 19	Fri, Mar 20	Wed, Mar 18
Ethanim 1	Sat, Sep 12	Sat, Sep 12	Fri, Sep 11

Miqra'ey	Astronomical	Observational	Hebcal.com
Pecach	Wed, Apr 01	Thu, Apr 02	
Matsah	Thu, Apr 02	Fri, Apr 03	Wed, Apr 01
Bikuwrym	Fri, Apr 03	Sat, Apr 04	
Shabuwa'	Fri, May 22	Sat, May 23	Thu, May 21
Taruw'ah	Sat, Sep 12	Sat, Sep 12	Fri, Sep 11
Kippurym	Mon, Sep 21	Mon, Sep 21	Sun, Sep 20
Sukah	Sat, Sep 26	Sat, Sep 26	Fri, Sep 25

2027

Daylight Savings:	Fri Mar 26,2027 02:00	Sun Oct 10,2027 02:00
Astronomical New Moon:	*Mon Mar 08,2027 11:30*	*Tue Aug 31,2027 20:42*
Day's Sunset :	Mon Mar 08,2027 17:42	*Tue Aug 31,2027 19:05*

Abib/Aviv/Nisan 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Mon Mar 08,2027 17:42	17:42	0.1216%	0.26	02° 13' 41"	17:54	0.1265%	00:12
Tue Mar 09,2027 17:43	17:43	1.7416%	1.26	13° 53' 38"	18:52	1.8722%	01:09
Wed Mar 10,2027 17:43	17:43	5.4708%	2.26	25° 59' 36"	19:52	5.9066%	02:09

Ethanim/Tishri 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Tue Aug 31,2027 19:05	*19:05*	-0.0466%	-0.07	-00° 48' 04"	*18:48*	-0.0487%	00:00
Wed Sep 01,2027 19:04	*19:04*	1.3701%	0.93	**03° 32' 16"**	*19:22*	1.4050%	00:18
Thu Sep 02,2027 19:02	*19:02*	5.4565%	1.93	12° 51' 55"	*19:54*	5.6507%	00:52

Abyb 1	Mon, Mar 08	Tue, Mar 09
Ethanim 1	Wed, Sep 01	Thu, Sep 02

Miqra'ey	Astronomical	Observational	Hebcal.com
Pecach	Sun, Mar 21	Mon, Mar 22	
Matsah	Mon, Mar 22	Tue, Mar 23	
Bikuwrym	Tue, Mar 23	Wed, Mar 24	
Shabuwa'	Tue, May 11	Wed, May 12	
Taruw'ah	Wed, Sep 01	Thu, Sep 02	
Kippurym	Fri, Sep 10	Sat, Sep 11	
Sukah	Wed, Sep 15	Thu, Sep 16	

2027

Daylight Savings:	Fri Mar 26,2027 02:00	Sun Oct 10,2027 02:00
Astronomical New Moon:	*Wed Apr 07,2027 02:52*	*Thu Sep 30,2027 05:37*
Day's Sunset :	*Wed Apr 07,2027 19:02*	*Thu Sep 30,2027 18:26*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Wed Apr 07,2027 19:02	*19:02*	0.6988%	0.67	08° 00' 34"	*19:43*	0.7459%	00:41
Thu Apr 08,2027 19:03	*19:03*	3.5137%	1.67	20° 29' 37"	*20:49*	3.8147%	01:46

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Thu Sep 30,2027 18:26	*18:26*	0.5539%	0.53	-00° 48' 04"	*18:23*	0.5508%	00:00
Fri Oct 01,2027 18:25	*18:25*	3.3259%	1.53	**06° 09' 09"**	*18:58*	3.4179%	00:33
Sat Oct 02,2027 18:23	*18:23*	8.3747%	2.53	12° 51' 55"	*19:36*	8.6835%	01:13

Abyb 1	Wed, Apr 07	Thu, Apr 08	Wed, Apr 07
Ethanim 1	Fri, Oct 01	Fri, Oct 01	Fri, Oct 01
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**
Pecach	Tue, Apr 20	Wed, Apr 21	
Matsah	Wed, Apr 21	Thu, Apr 22	Wed, Apr 21
Bikuwrym	Thu, Apr 22	Fri, Apr 23	
Shabuwa'	Thu, Jun 10	Fri, Jun 11	Thu, Jun 10
Taruw'ah	Fri, Oct 01	Fri, Oct 01	Fri, Oct 01
Kippurym	Sun, Oct 10	Sun, Oct 10	Sun, Oct 10
Sukah	Fri, Oct 15	Fri, Oct 15	Fri, Oct 15

2028

Daylight Savings:	Fri Mar 31,2028 02:00	Sun Sep 24,2028 02:00
Astronomical New Moon:	Sun Mar 26,2028 06:32	*Mon Sep 18,2028 21:24*
Day's Sunset :	Sun Mar 26,2028 17:55	*Mon Sep 18,2028 18:41*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Sun Mar 26,2028 17:55	17:55	0.3884%	0.47	04° 49' 11"	18:20	0.4048%	00:25
Mon Mar 27,2028 17:56	17:56	2.2704%	1.47	15° 56' 59"	19:16	2.4309%	01:20

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Mon Sep 18,2028 18:41	*18:41*	-0.1770%	-0.11	-05° 50' 54"	*18:13*	-0.1837%	00:00
Tue Sep 19,2028 18:39	*18:39*	1.4052%	0.89	**02° 01' 39"**	*18:50*	1.4263%	**00:11**
Wed Sep 20,2028 18:38	*18:38*	5.5687%	1.88	09° 29' 48"	*19:28*	5.7614%	00:50

Abyb 1	Sun, Mar 26	Mon, Mar 27	Mon, Mar 27
Ethanim 1	Tue, Sep 19	Wed, Sep 20	Wed, Sep 20
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**
Pecach	Sat, Apr 08	Sun, Apr 09	
Matsah	Sun, Apr 09	Mon, Apr 10	Mon, Apr 10
Bikuwrym	Mon, Apr 10	Tue, Apr 11	
Shabuwa'	Mon, May 29	Tue, May 30	Tue, May 30
Taruw'ah	Tue, Sep 19	Wed, Sep 20	Wed, Sep 20
Kippurym	Thu, Sep 28	Fri, Sep 29	Fri, Sep 29
Sukah	Tue, Oct 03	Wed, Oct 04	Wed, Oct 04

2029

Daylight Savings:	Fri Mar 30,2029 02:00	Sun Sep 16,2029 02:00
Astronomical New Moon:	Thu Mar 15,2029 06:20	*Sat Sep 08,2029 13:45*
Day's Sunset :	Thu Mar 15,2029 17:47	*Sat Sep 08,2029 18:54*

Abib/Aviv/Nisan 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Thu Mar 15,2029 17:47	17:47	0.3919%	0.48	04° 48' 50"	18:11	0.4068%	00:24
Fri Mar 16,2029 17:48	17:48	2.1550%	1.48	15° 32' 14"	19:05	2.2982%	01:17
Sat Mar 17,2029 17:49	17:49	5.6269%	2.48	26° 14' 13"	20:00	6.0235%	02:11

Ethanim/Tishri 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Sat Sep 08,2029 18:54	*18:54*	0.2507%	0.21	-03° 25' 05"	*18:38*	0.2437%	00:00
Sun Sep 09,2029 18:53	*18:53*	2.3517%	1.21	**04° 17' 14"**	*19:15*	2.4062%	**00:22**
Mon Sep 10,2029 18:50	*18:50*	7.2645%	2.21	12° 00' 27"	*19:53*	7.5352%	01:03

Abyb 1	Thu, Mar 15	Fri, Mar 16	Fri, Mar 16
Ethanim 1	Sun, Sep 09	Mon, Sep 10	Sun, Sep 09
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**
Pecach	Wed, Mar 28	Thu, Mar 29	
Matsah	Thu, Mar 29	Fri, Mar 30	Fri, Mar 30
Bikuwrym	Fri, Mar 30	Sat, Mar 31	
Shabuwa'	Fri, May 18	Sat, May 19	Sat, May 19
Taruw'ah	Sun, Sep 09	Mon, Sep 10	Sun, Sep 09
Kippurym	Tue, Sep 18	Wed, Sep 19	Tue, Sep 18
Sukah	Sun, Sep 23	Mon, Sep 24	Sun, Sep 23

2030

Daylight Savings:	Fri Mar 29,2030 02:00	Sun Oct 06,2030 02:00
Astronomical New Moon:	*Wed Apr 03,2030 01:03*	*Fri Sep 27,2030 12:55*
Day's Sunset :	*Wed Apr 03,2030 19:00*	*Fri Sep 27,2030 18:29*

Abib/Aviv/Nisan 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Tue Apr 02,2030 18:59	*18:59*	-0.2309%	-0.25	-03° 07' 02"	*18:44*	-0.2364%	00:00
Wed Apr 03,2030 19:00	*19:00*	0.6688%	0.75	07° 49' 56"	*19:40*	0.7079%	00:40
Thu Apr 04,2030 19:01	*19:01*	2.9557%	1.75	18° 37' 26"	*20:35*	3.1659%	01:34

Ethanim/Tishri 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Fri Sep 27,2030 18:29	*18:29*	0.2229%	0.23	-02° 56' 15"	*18:15*	0.2175%	00:00
Sat Sep 28,2030 18:28	*18:28*	2.1290%	1.23	**05° 03' 21"**	*18:54*	2.1880%	**00:26**
Sun Sep 29,2030 18:27	*18:27*	6.6722%	2.23	12° 58' 16"	*19:37*	6.9576%	01:10

Abyb 1	Wed, Apr 03	Thu, Apr 04	Wed, Apr 03
Ethanim 1	Sat, Sep 28	Sat, Sep 28	Fri, Sep 27
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**
Pecach	Tue, Apr 16	Wed, Apr 17	
Matsah	Wed, Apr 17	Thu, Apr 18	Wed, Apr 17
Bikuwrym	Thu, Apr 18	Fri, Apr 19	
Shabuwa'	Thu, Jun 06	Fri, Jun 07	Thu, Jun 06
Taruw'ah	Sat, Sep 28	Sat, Sep 28	Fri, Sep 27
Kippurym	Mon, Oct 07	Mon, Oct 07	Sun, Oct 06

Sukah	Sat, Oct 12	Sat, Oct 12	Fri, Oct 11

2031

Daylight Savings:	Fri Mar 28,2031 02:00	Sun Sep 21,2031 02:00
Astronomical New Moon:	Sun Mar 23,2031 05:50	*Tue Sep 16,2031 21:48*
Day's Sunset :	Sun Mar 23,2031 17:52	*Tue Sep 16,2031 18:44*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Sun Mar 23,2031 17:52	17:52	0.4163%	0.50	05° 44' 03"	18:21	0.4397%	00:29
Mon Mar 24,2031 17:53	17:53	2.6658%	1.50	17° 41' 29"	19:21	2.8721%	01:28

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Tue Sep 16,2031 18:44	*18:44*	-0.1602%	-0.13	-05° 27' 15"	*18:19*	-0.1658%	00:00
Wed Sep 17,2031 18:43	*18:43*	0.9006%	0.87	01° 42' 44"	*18:52*	0.9119%	00:09
Thu Sep 18,2031 18:42	*18:42*	3.7707%	1.87	08° 57' 06"	*19:28*	3.8977%	00:46

Abyb 1	Sun, Mar 23	Mon, Mar 24	Mon, Mar 24
Ethanim 1	Wed, Sep 17	Thu, Sep 18	Wed, Sep 17
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**
Pecach	Sat, Apr 05	Sun, Apr 06	
Matsah	Sun, Apr 06	Mon, Apr 07	Mon, Apr 07
Bikuwrym	Mon, Apr 07	Tue, Apr 08	
Shabuwa'	Mon, May 26	Tue, May 27	Tue, May 27
Taruw'ah	Wed, Sep 17	Thu, Sep 18	Wed, Sep 17
Kippurym	Fri, Sep 26	Sat, Sep 27	Fri, Sep 26
Sukah	Wed, Oct 01	Thu, Oct 02	Wed, Oct 01

2032

Daylight Savings:	Fri Mar 26,2032 02:00	Sun Sep 12,2032 02:00
Astronomical New Moon:	Thu Mar 11,2032 18:25	*Sat Sep 04,2032 23:57*
Day's Sunset :	Thu Mar 11,2032 17:45	*Sun Sep 05,2032 18:58*

Abib/Aviv/Nisan 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Thu Mar 11,2032 17:45	17:45	-0.1169%	-0.03	-01° 00' 36"	17:41	-0.1173%	00:00
Fri Mar 12,2032 17:45	17:45	1.4283%	0.97	12° 37' 34"	18:48	1.7952%	01:03
Sat Mar 13,2032 17:46	17:46	5.4293%	1.97	25° 43' 32"	19:54	5.9005%	02:08

Ethanim/Tishri 1	**Sunset:**	**Visibility:**	**Age:**	**Elevation:**	**Moonset:**	**Visibility:**	**Viewable:**
Sun Sep 05,2032 18:58	*18:58*	0.6478%	0.79	01° 08' 19"	*19:04*	0.6536%	00:06
Mon Sep 06,2032 18:56	*18:56*	2.9360%	1.79	08° 09' 38"	*19:37*	3.0274%	00:41

Abyb 1	Fri, Mar 12	Fri, Mar 12	Fri, Mar 26
Ethanim 1	Mon, Sep 06	Mon, Sep 06	Sun, Sep 05
Miqra'ey	**Astronomical**	**Observational**	**Hebcal.com**
Pecach	Thu, Mar 25	Thu, Mar 25	
Matsah	Fri, Mar 26	Fri, Mar 26	Fri, Apr 09
Bikuwrym	Sat, Mar 27	Sat, Mar 27	
Shabuwa'	Sat, May 15	Sat, May 15	Sat, May 29
Taruw'ah	Mon, Sep 06	Mon, Sep 06	Sun, Sep 05
Kippurym	Wed, Sep 15	Wed, Sep 15	Tue, Sep 14
Sukah	Mon, Sep 20	Mon, Sep 20	Sun, Sep 19

2033

Daylight Savings:	Fri Apr 01,2033 02:00	Wed Oct 12,2033 02:00
Astronomical New Moon:	Tue Mar 01,2033 10:24	*Thu Aug 25,2033 00:31*
Day's Sunset :	Tue Mar 01,2033 17:37	*Thu Aug 25,2033 19:11*

Abib/Aviv/Nisan 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Tue Mar 01,2033 17:37	17:37	0.2110%	0.30	03° 36' 33"	17:55	0.2223%	00:18
Wed Mar 02,2033 17:38	17:38	2.6205%	1.30	17° 23' 16"	19:05	2.8613%	01:27

Ethanim/Tishri 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Thu Aug 25,2033 19:11	*19:11*	0.6197%	0.78	01° 54' 31"	*19:21*	0.6296%	00:10
Fri Aug 26,2033 19:10	*19:10*	2.9360%	1.78	09° 01' 15"	*19:54*	3.0345%	00:44

Abyb 1	Tue, Mar 01	Wed, Mar 02
Ethanim 1	Thu, Aug 25	Fri, Aug 26

Miqra'ey	Astronomical	Observational	Hebcal.com
Pecach	Mon, Mar 14	Tue, Mar 15	
Matsah	Tue, Mar 15	Wed, Mar 16	
Bikuwrym	Wed, Mar 16	Thu, Mar 17	
Shabuwa'	Wed, May 04	Thu, May 05	
Taruw'ah	Thu, Aug 25	Fri, Aug 26	
Kippurym	Sat, Sep 03	Sun, Sep 04	
Sukah	Thu, Sep 08	Fri, Sep 09	

2033

Daylight Savings:	Fri Apr 01,2033 02:00	Wed Oct 12,2033 02:00
Astronomical New Moon:	Wed Mar 30,2033 19:52	*Fri Sep 23,2033 16:41*
Day's Sunset :	Wed Mar 30,2033 17:57	*Fri Sep 23,2033 18:34*

Abib/Aviv/Nisan 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Wed Mar 30,2033 17:57	17:57	0.0195%	-0.08	-01° 59' 33"	17:48	0.0213%	00:00
Thu Mar 31,2033 17:58	17:58	1.2861%	0.92	11° 42' 39"	18:57	1.4021%	00:59
Fri Apr 01,2033 18:59	*18:59*	5.4515%	1.96	25° 08' 24"	*21:05*	5.9397%	02:06

Ethanim/Tishri 1	Sunset:	Visibility:	Age:	Elevation:	Moonset:	Visibility:	Viewable:
Fri Sep 23,2033 18:34	*18:34*	0.0126%	0.08	-01° 19' 33"	*18:28*	0.0121%	00:00
Sat Sep 24,2033 18:33	*18:33*	1.0379%	1.08	05° 38' 31"	*19:01*	1.0755%	00:28
Sun Sep 25,2033 18:32	*18:32*	3.8197%	2.08	12° 27' 16"	*19:35*	3.9802%	01:03

Abyb 1	Thu, Mar 31	Thu, Mar 31	Wed, Mar 30
Ethanim 1	Fri, Sep 23	Sun, Sep 25	Fri, Sep 23

Miqra'ey	Astronomical	Observational	Hebcal.com
Pecach	Wed, Apr 13	Wed, Apr 13	
Matsah	Thu, Apr 14	Thu, Apr 14	Wed, Apr 13
Bikuwrym	Fri, Apr 15	Fri, Apr 15	
Shabuwa'	Fri, Jun 03	Fri, Jun 03	Thu, Jun 02
Taruw'ah	Fri, Sep 23	Sun, Sep 25	Fri, Sep 23
Kippurym	Sun, Oct 02	Tue, Oct 04	Sun, Oct 02
Sukah	Fri, Oct 07	Sun, Oct 09	Fri, Oct 07