

Ten-Year Calendar of Expected Dates for New Moon Days

On the following page is a Table: *Ten-Year Calendar of Expected Dates for New Moon Days*. The dates shaded in gray are the New Moon Days that will begin the expected first and seventh “Holy” months. The 19-year intercalary sequence for leap years used in the calculated “Hebrew Calendar” was followed, because it is very accurate but *may not* be exact for all ten years. Nevertheless, New Moon Days are the focus of this Table.

Dates shaded in orange are the very first *possible* New Moon Days, which must be determined by witnesses on the previous evening, because the new moon will be at the very edge of visibility. These days, shaded in orange, indicate a *very* difficult sighting even with perfectly clear skies. Because of this, the day following the listed date will likely be the New Moon Day, given *average* visibility conditions. If there *is* cloud cover that prevents a sighting for dates that are shaded in orange, then begin the month on the next day—likely the 31st day from the last new moon.

The dates *without* any “shading” are New Moon Days determined to be relatively easy sightings on a clear day, even with a little haze or smog. These dates very often are indeed the beginning of the Biblical months. If cloud cover prevents a sighting on dates that are *not* shaded, then those days may be appointed as the New Moon Day, depending upon one’s principles and sighting locations in determining the beginning of a month.

The chart on the following page incorporates a large number of web page [links](#). There are *four* links for each date “cell” within the table. The date (ex. [Jan 19](#)) contains a link, which will open a web page (<http://astro.ukho.gov.uk/assets/F2018Jan18.png>) showing a color-coded visibility map of the new moon of the previous evening. The Figure “[☾](#)” will open a link (<http://astro.ukho.gov.uk/assets/F2018Jan18.pdf>) to a downloadable PDF version of this color-coded visibility map.

The day of the week (ex. [Fri](#)), displayed directly under that *same* [Jan 19](#) date, contains a [link](#) (<http://torahcalendar.com/MOON.asp?JDN=2458137&TDAY=1>) to a *another* web page, which graphically displays the moons position in the western sky over Jerusalem, accompanied by other relevant lunar information. This will give a visual view as if looking from Jerusalem toward the western sky.

Figure “[☾](#)” incorporates a link, which opens yet another web page to the following URL: (<https://www.timeanddate.com/moon/israel/jerusalem?month=1&year=2018>). This page includes percent of visibility, moonrise, moonset, and other lunar data.

[Links](#) within the yellow highlighted boxes are websites that report new moon sightings, as well as, archives of new moon information. Footnotes contained within the table are internally linked to take you to and from the explanation notes.

This is a *very* powerful table of dates containing over 500 links capable of delivering an enormous amount of new moon information at the click of a mouse. Hopefully, this versatile table will eliminate the need for continuous surfing of the web, and make this an efficient “one-tool-fits-all” application.

Expected New Moon Days ♦ Ten-Year Calendar

Biblical Months¹ Begin with a New Moon²

Table: <i>New Moon Days</i>	First Month ³						Seventh Month ³						
2018	Jan 19⁵ C⁷ (Fri)⁶ C⁸	Feb 18 C (Sun)	Mar 19³ C (Mon)	Apr 18 C (Wed)	May 17 C (Thu)	Jun 16 C (Sat)	Jul 15 C (Sun)	Aug 13 C (Mon)	Sep 11 C (Tue)	Oct 11 C (Thu)	Nov 9⁴ C (Fri)	Dec 9 C (Sun)	Devorah's ⁹ Date Tree
2019	Jan 8 C (Tue)	Feb 7 C (Thu)	Mar 9 C (Sat)	Apr 7 C (Sun)	May 7 C (Tue)	Jun 5 C (Wed)	Jul 5 C (Fri)	Aug 3 C (Sat)	Sep 1 C (Sun)	Sep 30 C (Mon)	Oct 30 C (Wed)	Nov 28 C (Thu)	Dec 28 C (Sat)
2020	Jan 27 C (Mon)	Feb 26 C (Wed)	Mar 26 C (Thu)	Apr 25 C (Sat)	May 25 C (Mon)	Jun 23 C (Tue)	Jul 22 C (Wed)	Aug 21 C (Fri)	Sep 19 C (Sat)	Oct 19 C (Mon)	Nov 17 C (Tue)	Dec 17 C (Thu)	Renewed Moon
2021	Jan 15 C (Fri)	Feb 14 C (Sun)	Mar 15 C (Mon)	Apr 14 C (Wed)	May 14 C (Fri)	Jun 12 C (Sat)	Jul 12 C (Mon)	Aug 10 C (Tue)	Sep 9 C (Thu)	Oct 8 C (Fri)	Nov 7 C (Sun)	Dec 6 C (Mon)	When is the New Moon
2022	Jan 5 C (Wed)	Feb 3 C (Thu)	Mar 4 C (Fri)	Apr 3 C (Sun)	May 3 C (Tue)	Jun 1 C (Wed)	Jul 1 C (Fri)	Jul 30 C (Sat)	Aug 29 C (Mon)	Sep 28 C (Wed)	Oct 28 C (Fri)	Nov 26 C (Sat)	Dec 25 C (Sun)
2023	Jan 24 C (Tue)	Feb 22 C (Wed)	Mar 23 C (Thu)	Apr 22 C (Sat)	May 21 C (Sun)	Jun 20 C (Tue)	Jul 19 C (Wed)	Aug 18 C (Fri)	Sep 17 C (Sun)	Oct 17 C (Tue)	Nov 16 C (Thu)	Dec 15 C (Fri)	Joy By Surprise
2024	Jan 13 C (Sat)	Feb 12 C (Mon)	Mar 12 C (Tue)	Apr 10 C (Wed)	May 10 C (Fri)	Jun 8 C (Sat)	Jul 8 C (Mon)	Aug 6 C (Tue)	Sep 5 C (Thu)	Oct 5 C (Sat)	Nov 4 C (Mon)	Dec 4 C (Wed)	New Moon (Archives at the Bottom of Page)
2025	Jan 2 C (Thu)	Jan 31 C (Fri)	Mar 2 C (Sun)	Mar 31 C (Mon)	Apr 29 C (Tue)	May 29 C (Thu)	Jun 27 C (Fri)	Jul 27 C (Sun)	Aug 25 C (Mon)	Sep 24 C (Wed)	Oct 24 C (Fri)	Nov 23 C (Sun)	Dec 22 C (Mon)
2026	Jan 21 C (Wed)	Feb 19 C (Thu)	Mar 21 C (Sat)	Apr 19 C (Sun)	May 18 C (Mon)	Jun 17 C (Wed)	Jul 16 C (Thu)	Aug 15 C (Sat)	Sep 13 C (Sun)	Oct 13 C (Tue)	Nov 12 C (Thu)	Dec 11 C (Fri)	Expected New Moon
2027	Jan 10 C (Sun)	Feb 9 C (Tue)	Mar 10 C (Wed)	Apr 9 C (Fri)	May 8 C (Sat)	Jun 6 C (Sun)	Jul 6 C (Tue)	Aug 4 C (Wed)	Sep 3 C (Fri)	Oct 2 C (Sat)	Nov 1 C (Mon)	Nov 30 C (Tue)	Dec 30 C (Thu)

¹ Biblical Months begin at the moment of sunset on the evening the moon's crescent first becomes visible to the naked eye from the local Jerusalem area. These are the expected New Moon Days assuming average sighting conditions without smog, haze, or clouds.

² The New Moon is sighted just after sunset on the evening *before* the dates given. All Biblical days and months begin at sunset.

³ Gray Shading: Indicates the *expected* beginning of the first and seventh months of each Biblical year. The calculated Hebrew Calendar's 19-year "Intercalation" sequence is used to predict years with 13 months. It is accurate, but may not be exact every year.

⁴ Orange Shading: Sightings will be at the very edge of visibility with the naked eye—the *earliest* possible dates with *perfect* visibility.

^{5,8} Calendar [dates](#)⁵ are linked to web pages showing a color-coded visibility map of 1st visible crescent new moon. PDF download "[C](#)"⁸.

⁶ The [weekdays](#)⁶ are linked to other web pages, which graphically display the moon's position in the western sky over Jerusalem.

^{7,9} Moonrise, moonset, and % visibility charts for link "[C](#)". ⁹ Links in yellow highlighted boxes are websites that report new moon sightings.