

Passover dates 26-34 A.D.

The following astronomical data in the first three columns below was obtained from the U.S. Naval Observatory Astronomical Applications Department. The pertinent file may be accessed on the Internet at <http://www.usno.navy.mil/USNO/astronomical-applications/data-services/spring-phenom> .

Note. The times of day given in the second and third columns have been adjusted +2 hours from U.S. Naval Observatory figures to account for the difference between *Jerusalem Israel* and *Greenwich England* (universal) time.

It should also be noted that the first evening of a visible crescent moon (column 4) *always* occurs only minutes after sundown, which is at the very beginning of a new day on the Hebrew calendar. This Hebrew day correlates to the *following* day on our Gregorian calendar as noted in the chart below (column 5). Column 6 is Passover dates for the given years.

<u>Year</u>	<u>Vernal Equinox</u>	<u>Astronomical New Moon Conjunction</u>	<u>First evening of visible crescent</u>	<u>Date of the first of Nisan</u>	<u>14th day of Nisan (Passover)</u>
		(Near or first after vernal Equinox)	(Gregorian calendar. Midnight to midnight)	(Beginning at sundown the evening before...)	(Beginning at sundown the evening before...)
26 A.D.	Fri. Mar. 22, 0*	Sat. Apr. 6, 7 a.m.	Sun. Apr. 7	Mon. Apr. 8	Sun. Apr. 21
27 A.D.	Sun. Mar. 23, 6 a.m.	Wed. Mar. 26, 7 p.m.**	Fri. Mar. 28	Sat. Mar. 29	Fri. Apr. 11
28 A.D.	Mon. Mar. 22, noon	Tues. Apr. 13, 2 p.m.	Wed. Apr. 14	Thurs. Apr. 15	Wed. Apr. 28
29 A.D.	Tues. Mar. 22, 6 p.m.	Sat. Apr. 2, 7 p.m.**	Mon. Apr. 4	Tues. Apr. 5	Mon. Apr. 18
30 A.D.	Wed. Mar. 22, 0*	Wed. Mar. 22, 8 p.m.	Fri. Mar. 24	Sat. Mar. 25	Fri. Apr. 7
31 A.D.	Fri. Mar. 23, 5 a.m.	Tues. Apr. 10, 2 p.m.	Wed. Apr. 11	Thurs. Apr. 12	Wed. Apr. 25
32 A.D.	Sat. Mar. 22, 11 a.m.	Sat. Mar. 29, 10 p.m.**	Mon. Mar. 31	Tues. Apr. 1	Mon. Apr. 14
33 A.D.	Sun. Mar. 22, 5 p.m.	Fri. Mar. 20, 9 a.m. Fri. Apr. 17, 9 p.m.**	Sat. Mar. 21 Sun. Apr. 19	Sun. Mar. 22 Mon. Apr. 20	Sat. Apr. 4 Sun. May 3
34 A.D.	Mon. Mar. 22, 11 p.m.	Wed. Apr. 7, 2 p.m.	Thurs. Apr. 8	Fri. Apr. 9	Thurs. Apr. 22

* Midnight at the end of the given day.

** Conjunction occurs too late in the day for crescent to be seen from Jerusalem the next evening.