

Calendar uses Jerusalem as a base for New Moon Phases as found at:

<https://www.timeanddate.com/moon/phases/israel/jerusalem>

The New Moon is sometimes observed at night, sometimes in early am, and sometimes around midday.

Dates begin in the evening at sunset which yields 12 hours of darkness and 12 hours of daylight afterwards

Weekly Sabbath Days are the 8th, 15th, 22nd, and 29th of each Hebrew month. The 8th of each month (top left block) contains the Day of Week for the Sabbaths for that month.

Note that a Hebrew/Jewish month is either 29 or 30 days where the 30th day is often a 1/2 day rather than a whole 24-hour day.. When the previous month has 30 days the New Moon feast takes place over 2 days before starting the next month. Thus the extra time beyond 29 days gives extra worship and rest time which would be welcomed.

The four primary phases of the moon (new moon, first quarter, full moon, last quarter) occur about a week apart, with the full moon its most dazzling stage.

The problem to solve is how did they communicate when the New Moon was observed as therefore the start of the year, of the month, of the start of the week.

But then they could count 4 Sabbaths and know the end of the month and start of the next month is imminent. So they could watch intensively for the New Moon and blow the trumpet in the various geographies for all to know that the new moon has arrived. (Psa 81:3) Blow up the trumpet in the new moon, in the time appointed, on our solemn feast day. They would also know that a certain number of sabbaths had passed and the end of the year was imminent so they would know when the first month of the New Year came. And of course, the agricultural elements would also be indicative of the times.

<http://lunar-sabbath.org/>

<https://sciencing.com/moon-phases-7843582.html>

Legend for abbreviations used in the calendar follows:

Feast of Unleavened Bread (FUB); Holy Convocation (HC); Feast of Tabernacles (FOTB); Day of Atonement-Yom Kippur (DOT); Pentecost (PC); Feast of First Fruits (FOFF)


Nisan

Nisan 2023 Calendar

New Moon Day		WD1	WD2	WD3	WD4	WD5	WD6	WD7
1	Day of Month:	2	3	4	5	6	7	Tue 8
3/21/23 7:23 PM		3/22/2023						3/28/2023
		9	10	11	12	13	14	15
						4/2/2023	Passover	FUB HC (Lev 23:11)
		16	17	18	19	20	21	22
	FOFF (Lev 23:11); PC-7 Sabbaths 50 Day Count Starts (Lev 23:11, 15-16)						FUB Ends HC	4/11/2023
		23	24	25	26	27	28	29
								4/18/2023
		30						

Iyyar 2023 Calendar

Nisan

New Moon Day		WD1	WD2	WD3	WD4	WD5	WD6	WD7
1	Day of Month:	2	3	4	5	6	7	Thu 8
4/20/23 7:12 AM		4/21/2023						4/27/2023
		9	10	11	12	13	14	15
		16	17	18	19	20	21	22
		23	24	25	26	27	28	29
								5/18/2023

Nisan

Sivan 2023 Calendar

New Moon Day		WD1	WD2	WD3	WD4	WD5	WD6	WD7	
1	Day of Month:	2	3	4	5	6	7	Fri	8
5/19/23 6:53 PM	5/20/23					FOW/PC		5/26/23	
		9	10	11	12	13	14		15
		16	17	18	19	20	21		22
		23	24	25	26	27	28		29
		30							6/16/2023

Nisan

Tammuz 2023 Calendar

New Moon Day		WD1	WD2	WD3	WD4	WD5	WD6	WD7
1	Day of Month:	2	3	4	5	6	7	Sun 8
6/18/23 7:37 AM		6/19/2023						6/25/2023
		9	10	11	12	13	14	15
		16	17	18	19	20	21	22
		23	24	25	26	27	28	29
								7/16/2023

Nisan

Av 2023 Calendar

New Moon Day		WD1	WD2	WD3	WD4	WD5	WD6	WD7
1	Day of Month:	2	3	4	5	6	7	Mon 8
7/17/23 9:31 PM	7/18/2023							7/24/2023
		9	10	11	12	13	14	15
		16	17	18	19	20	21	22
		23	24	25	26	27	28	29
		30						8/14/2023

Nisan

Elul 2023 Calendar

New Moon Day		WD1	WD2	WD3	WD4	WD5	WD6	WD7
1	Day of Month:	2	3	4	5	6	7	8 <b>Wed</b>
8/16/23 12:38 PM	8/17/2023							8/23/2023
		9	10	11	12	13	14	15
		16	17	18	19	20	21	22
		23	24	25	26	27	28	29
		30						9/13/2023

Nisan

Tishrei 2023 Calendar

New Moon Day		WD1	WD2	WD3	WD4	WD5	WD6	WD7
1	Day of Month:	2	3	4	5	6	7	Fri 8
9/15/23 4:39 AM		9/16/2023						9/22/2023
		9	10	11	12	13	14	15
			Day of Atonement Yom Kippur					FOTB
		16	17	18	19	20	21	22
	FOTB HC Build/Enter Booths							
		23	24	25	26	27	28	29
	FOTB HC Leave Booths							10/13/2023
		30						



Nisan

Heshvan 2023 Calendar

New Moon Day		WD1	WD2	WD3	WD4	WD5	WD6	WD7
1	Day of Month:	2	3	4	5	6	7	Sat 8
10/14/23 8:55 PM	10/15/2023							10/21/2023
		9	10	11	12	13	14	15
		16	17	18	19	20	21	22
		23	24	25	26	27	28	29
		30						11/11/2023

Nisan

Kislev 2023 Calendar

New Moon Day		WD1	WD2	WD3	WD4	WD5	WD6	WD7
1	Day of Month:	2	3	4	5	6	7	Mon 8
11/13/23 11:27 AM	11/14/2023							11/20/2023
		9	10	11	12	13	14	15
		16	17	18	19	20	21	22
		23	24	25	26	27	28	29
		30						12/11/2023

Nisan

Tevet 2023 Calendar

New Moon Day		WD1	WD2	WD3	WD4	WD5	WD6	WD7
1	Day of Month:	2	3	4	5	6	7	8 <b>Wed</b>
12/13/23 1:32 AM	12/14/2023							12/20/2023
		9	10	11	12	13	14	15
		16	17	18	19	20	21	22
		23	24	25	26	27	28	29
								1/10/2024

Nisan

Shevat 2024 Calendar

New Moon Day		WD1	WD2	WD3	WD4	WD5	WD6	WD7
1	Day of Month:	2	3	4	5	6	7	Thu 8
1/11/24 1:57 PM		1/12/2024						1/18/2024
		9	10	11	12	13	14	15
		16	17	18	19	20	21	22
		23	24	25	26	27	28	29
		30						2/8/2024

Nisan

Adar 2024 Calendar

New Moon Day		WD1	WD2	WD3	WD4	WD5	WD6	WD7	
1	Day of Month:	2	3	4	5	6	7	Sat 8	
2/10/24 12:59 AM		2/11/2024							2/17/2024
		9	10	11	12	13	14	15	
		16	17	18	19	20	21	22	
		23	24	25	26	27	28	29	
								3/9/2024	

Nisan

Adar-Belt 2024 Calendar

New Moon Day		WD1	WD2	WD3	WD4	WD5	WD6	WD7	
1	Day of Month:	2	3	4	5	6	7	Sun 8	
3/10/24 11:00 AM		3/11/2024							3/17/2024
		9	10	11	12	13	14	15	
		16	17	18	19	20	21	22	
		23	24	25	26	27	28	29	
								4/7/2024	