

**Reconciling the Qumran and Gregorian Calendars from
Mar 2018-Mar 2019 - Lunar Cycle 3 of 3
Using Jerusalem Local Time**

Month	Day	DoW ¹	Lunar Event ²	"Evening" of	"Morning" of	Appointed Times
Abib	1	4th	--	03/21/2018	03/22/2018	First of the Month ³
	10	6th	FM	03/30/2018	03/31/2018	
	14	3rd	--	04/03/2018	04/04/2018	Passover
	15	4th	--	04/04/2018	04/05/2018	First Day of Unleavened Bread (Annual Sabbath)
	21	3rd	--	04/10/2018	04/11/2018	Last Day of Unleavened Bread (Annual Sabbath)
	26	1st	--	04/15/2018	04/16/2018	Waving of the Barley Sheaf
	27	2nd	FoG	04/16/2018	04/17/2018	
2nd	1	6th	--	04/20/2018	04/21/2018	First of the Month
	10	1st	FM	04/29/2018	04/30/2018	
	14	5th	--	05/03/2018	05/04/2018	Second Passover
	26	3rd	FoG	05/15/2018	05/16/2018	
3rd	1	1st	--	05/20/2018	05/21/2018	First of the Month
	9	2nd	FM	05/28/2018	05/29/2018	
	15	1st	--	06/03/2018	06/04/2018	Feast of Weeks/Pentecost (Annual Sabbath)
	26	5th	FoG	06/14/2018	06/15/2018	
	SS	3rd	--	06/19/2018	06/20/2018	Summer Solstice
4th	1	4th	--	06/20/2018	06/21/2018	First of the Month
	8	4th	FM	06/27/2018	06/28/2018	
	24	6th	FoG	07/13/2018	07/14/2018	
5th	1	6th	--	07/20/2018	07/21/2018	First of the Month
	3	1st	--	07/22/2018	07/23/2018	Feast of New Wine
	7	5th	FM	07/26/2018	07/27/2018	
	24	1st	FoG	08/12/2018	08/13/2018	
6th	1	1st	--	08/19/2018	08/20/2018	First of the Month
	7	Sab	FM	08/25/2018	08/26/2018	
	22	1st	NM	09/10/2018	09/11/2018	Feast of New Oil
	23	2nd	FoG	09/11/2018	09/12/2018	
	29	1st	--	09/17/2018	09/18/2018	Feast of the Wood Offering
AE	3rd	--	09/19/2018	09/20/2018	Autumnal Equinox	
7th	1	4th	--	09/20/2018	09/21/2018	Memorial of Blasting (Annual Sabbath)
	5	1st	FM	09/24/2018	09/25/2018	
	10	6th	--	09/29/2018	09/30/2018	Day of Atonement (Annual Sabbath)
	15	4th	--	10/04/2018	10/05/2018	First day of the Feast of Tabernacles (Annual Sabbath)
	22	4th	FoG	10/11/2018	10/12/2018	Last day of the Feast of Tabernacles (Annual Sabbath)
8th	1	6th	--	10/20/2018	10/21/2018	First of the Month
	5	3rd	FM	10/24/2018	10/25/2018	
	21	5th	FoG	11/09/2018	11/10/2018	
9th	1	1st	--	11/19/2018	11/20/2018	First of the Month
	4	4th	FM	11/22/2018	11/23/2018	
	21	Sab	FoG	12/09/2018	12/10/2018	
	WS	3rd	--	12/19/2018	12/20/2018	Winter Solstice
10th	1	4th	--	12/20/2018	12/21/2018	First of the Month
	3	6th	FM	12/22/2018	12/23/2018	
	19	1st	FoG	01/07/2019	01/08/2019	
11th	1	6th	--	01/19/2019	01/20/2019	First of the Month
	2	Sab	FM	01/20/2019	01/21/2019	
	19	3rd	FoG	02/06/2019	02/07/2019	

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12th	1	1st	--	02/18/2019	02/19/2019	First of the Month
	2	2nd	FM	02/19/2019	02/20/2019	
	18	4th	FoG	03/07/2019	03/08/2019	
	VE	3rd	--	03/20/2019	03/21/2019	Vernal Equinox

Notes:

1. The days of the week of the Qumran calendar do not necessarily coincide with those of the pagan Gregorian calendar.
2. Only two lunar events are documented in the Qumran calendar from the Dead Sea Scrolls -- the Full Moon (FM) and the Fingernail of God (FoG). The latter is the first sliver of a waxing crescent the day after a New or Dark Moon (NM). Both the FM and FoG rise in the east; the FM rises as the sun sets in the west, and the FoG rises at sunrise and is best observed near daybreak.
3. The shofar (ram's horns) are to be sounded on the first day of each new month (incorrectly cited as "new moons" by rabbinic tradition), at the full moon, and on all feast days; see Numbers 10:10 and Psalm 81:3. See the bottom portion of my post from October 12, 2001, entitled "Why explore the Qumran calendar?" at <https://bit.ly/2JF3SBY>.
4. **Note that a "yom" is approximately 5 minutes longer than a "SI day;" that is how the 364 yomim of the Qumran calendar realign with the 365.25636 SI days in a sidereal year of the Gregorian.**
5. **Note that the "day slippage" I predicted in my article "HaDerech: It's About Time" does occur sometime between August 25th and September 10th in 2018, which is earlier than I expected. I will investigate further. Source: <https://haderech813935171.wordpress.com/2018/02/09/haderech-its-about-time/>.**
6. Likewise, 1 Abib, the first day of the year, occurs two days later than I had originally anticipated (March 21st vs. March 19th); this will also be investigated further. Source: Ibid.
7. This reconciliation should apply to all non-leap years of the Gregorian calendar, but further investigation is required to confirm that.
8. The source for the lunar phases is <https://www.timeanddate.com/moon/phases/israel/jerusalem?year=2018>.
9. Qumran calendar: <http://www.haderech.info/DSS/Calendar/QumranCalendar.pdf>
10. Jubilees: <http://www.haderech.info/DSS/Calendar/4Q319.pdf>