

## Phases of the Moon from 4Q317

	1st	2nd	3rd	4th	5th	6th	Sab
12th	1	2	3	4	5	6	7
	<b>NM</b>	<b>FoG</b>	10	11	12	13	14
	15	16	17	18	19	20	21
	<b>FM</b>	23	24	25	26	27	28
	29	30	<b>VE</b>				

Month	DoM	DoW	Lunar Phase
12	4	4th	11 parts obscured (waning crescent)
	5	5th	12 parts obscured
	6	6th	13 parts obscured
	7	Sab	14 parts obscured
	8	1st	14-1/2 parts obscured ( <b>NM</b> : new moon)
	9	2nd	1 part revealed ( <b>FoG</b> : Fingernail of God)
	10	3rd	2 parts revealed
	11	4th	3 parts revealed
	12	5th	4 parts revealed
	13	6th	5 parts revealed
	14	Sab	6 parts revealed
	15	1st	7 parts revealed
	16	2nd	8 parts revealed (waxing gibbous)
	17	3rd	9 parts revealed
	18	4th	10 parts revealed
	19	5th	11 parts revealed
	20	6th	12 parts revealed
	21	Sab	13 parts revealed
	22	1st	14-1/2 parts revealed ( <b>FM</b> : full moon)
	23	2nd	1 part obscured (waning gibbous)
	24	3rd	2 parts obscured
	25	4th	3 parts obscured

### Notes:

1. This rendition is adopted from *The Dead Sea Scrolls: A New Translation* by Wise, Abegg, and Cook (ISBN 0-06-069201-4) on pp.301-303.
2. The text from the fifth through the eleventh days of an unspecified month is corroborated by *The Complete Dead Sea Scrolls in English* by Geza Vermes (ISBN 0-14-027807-9) on p.360.
3. Vermes mistranslated "new moon;" it was referencing the [Fingernail of God \(FoG\)](#), or the first sliver of a waxing crescent immediately after a new moon (**NM**). With that knowledge; the three (3) lunar cycles could be properly rendered to identify the appropriate month. See [QumranCalendar.pdf](#) for the details of Lunar Cycle 1 of 3.
4. Both translations corroborate that 4Q317 is referencing the twelfth (12th) solar month within the context of Lunar Cycle 1 of 3. The key is that the new moon -- a moon that is 14-1/2 parts obscured -- occurs on the eighth day of the month (**DoM**) on the first day of the week (**DoW**) while the FoG (i.e., one part revealed) occurs on the ninth DoM on the second DoW.
5. The former translation further states that the full moon (**FM**) -- being 14-1/2 parts revealed -- occurs on the 22nd DoM on the first DoW.
6. **VE** denotes the Vernal Equinox, which occurs on the last day of the twelfth (12th) solar month. It always falls on the third (3rd) DoW.