

The Aquatic Jewish Calendar

5779

Euomit absorptum cæco de gutture Cætus,

Redditur et terre qui modo præda fuit.

Ionas Cap. 2. Anto. Wierinc feit.

The Aquatic Jewish Calendar

I recently attempted to research Aquatic Judaism for a personal project, but soon realized that almost no information about the religion exists on the Internet. In response, I've created this Aquatic Jewish calendar specifically for Terrestrial Jews, as an educational aid to better understand their Aquatic brethren.

The Terrestrial and Aquatic Judaism calendars differ in some crucial respects. The secular (Gregorian) calendar is *solar*: days, months, and years are based on the Earth's movement around the Sun. The Terrestrial Jewish calendar is *lunisolar*: Each month starts at a new moon, and each day starts at sunset. The Aquatic Jewish calendar is *lunitidal*: Each month starts at a new moon, and each day starts at high tide.

The sinusoidal waves on this calendar are graphs of predicted tidal heights in Boston, Massachusetts. For most observant Aquatic Jews, this alone is insufficiently accurate. The prudent Aquatic Jew will listen for the sound of the shofar at hide tide to determine when the day has begun or ended.

All images in this calendar are from the Met's open access collection: <https://www.metmuseum.org/art/collection>
All tidal data was gathered from the NOAA website: <https://tidesandcurrents.noaa.gov/waterlevels.html?id=8443970>
This code used to generate this calendar can be found here: <https://github.com/subalterngames/AquaticCalendar>

- Seth Alter



W.C. Richeson

Tishrei

Dag	Gal	Khof	Zerem	Ruakh	Melakh	Shabbat
1 09.08.18 10:00 PM Rosh Hashanah	●	2 09.09.18 11:00 PM Rosh Hashanah	3 09.11.18 12:00 AM	4 09.12.18 12:00 AM	5 09.13.18 01:00 AM	6 09.14.18 02:00 AM
8 09.16.18 04:00 AM		9 09.17.18 05:00 AM Yom Kippur	10 09.18.18 06:00 AM	11 09.19.18 07:00 AM	12 09.20.18 08:00 AM	13 09.21.18 09:00 AM
15 09.23.18 10:00 AM Sadot begins		16 09.24.18 11:00 AM	17 09.25.18 11:00 AM	18 09.26.18 12:00 PM	19 09.27.18 12:00 PM	20 09.28.18 01:00 PM
22 09.30.18 03:00 PM Sadot ends		23 10.01.18 04:00 PM Simchat Torah	24 10.02.18 04:00 PM	25 10.03.18 06:00 PM	26 10.04.18 07:00 PM	27 10.05.18 08:00 PM
29 10.07.18 10:00 PM						

Rosh Hashanah
Tashlikh must be performed in a salty body of water.

Yom Kippur
It is customary after reading the Book of Jonah to offer a prayer to all lost mariners.

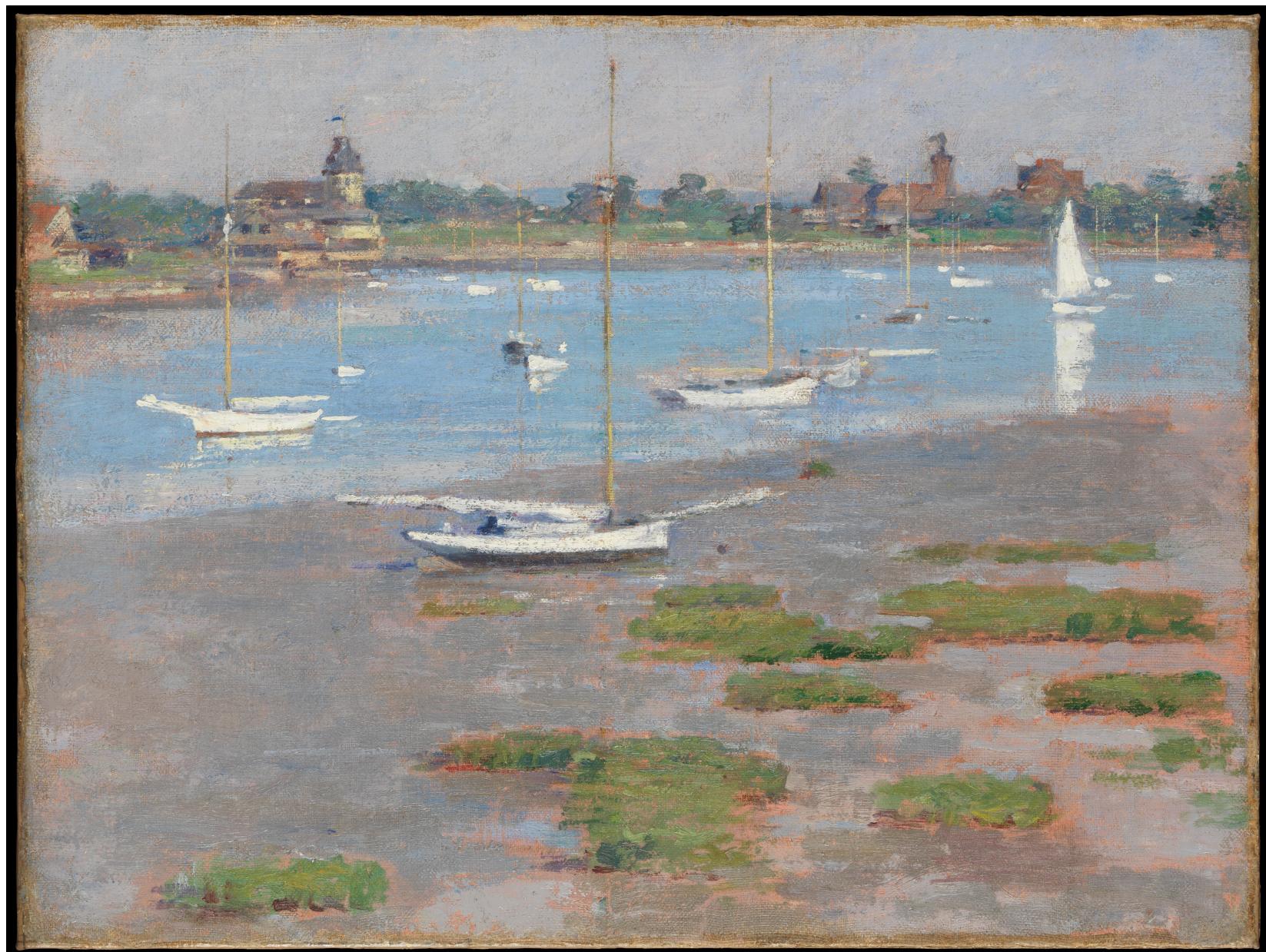
Sadot
Sadot is similar to terrestrial Sukkot, but one is required to build a covered raft rather than a booth. The moon must be visible through the canopy.



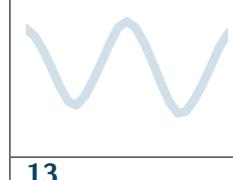
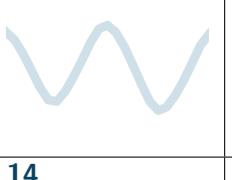
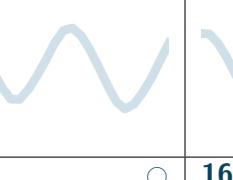
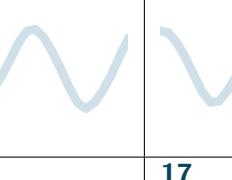
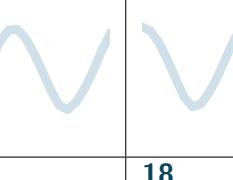
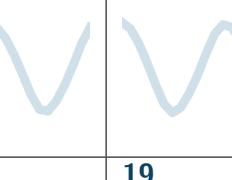
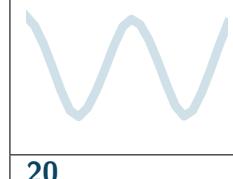
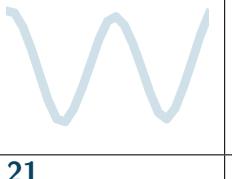
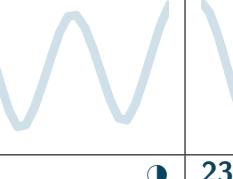
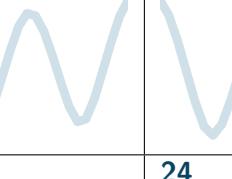
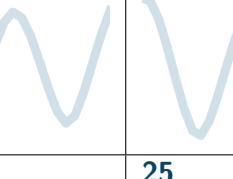
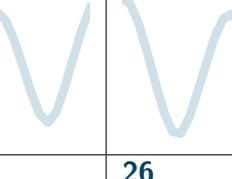
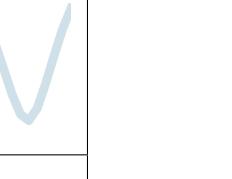
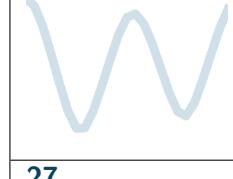
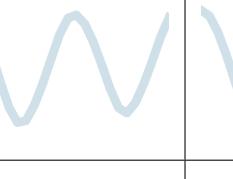
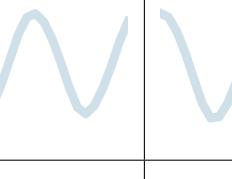
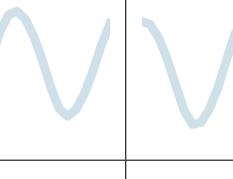
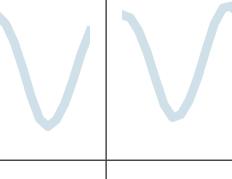
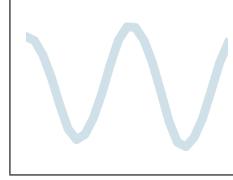
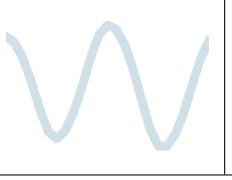
Kheshvan

Dag	Gal	Khof	Zerem	Ruakh	Melakh	Shabbat
	1 10.08.18 10:00 PM 	2 10.09.18 11:00 PM	3 10.11.18 12:00 AM	4 10.12.18 01:00 AM	5 10.13.18 02:00 AM	6 10.14.18 03:00 AM
7 10.15.18 03:00 AM	8 10.16.18 04:00 AM 	9 10.17.18 05:00 AM	10 10.18.18 06:00 AM	11 10.19.18 07:00 AM	12 10.20.18 08:00 AM	13 10.21.18 09:00 AM
14 10.22.18 09:00 AM	15 10.23.18 10:00 AM Keshet 	16 10.24.18 11:00 AM	17 10.25.18 11:00 AM	18 10.26.18 12:00 PM	19 10.27.18 01:00 PM	20 10.28.18 01:00 PM
21 10.29.18 02:00 PM	22 10.30.18 03:00 PM 	23 10.31.18 04:00 PM	24 11.01.18 05:00 PM	25 11.02.18 06:00 PM	26 11.03.18 07:00 PM	27 11.04.18 08:00 PM
28 11.05.18 09:00 PM	29 11.06.18 10:00 PM					

Keshet
Keshet is the Festival of Rainbows, in honor of God's covenant with Noah. Aquatic Jews will read Parshat Noakh, and then spend the rest of the day singing Talmudic shanties and dancing. It is traditional on Keshet to wear brightly colored clothes.



Kislev

Dag	Gal	Khof	Zerem	Ruakh	Melakh	Shabbat
		1 11.07.18 11:00 PM 	2 11.09.18 12:00 AM 	3 11.10.18 01:00 AM 	4 11.11.18 01:00 AM 	5 11.12.18 02:00 AM 
6 11.13.18 03:00 AM 	7 11.14.18 04:00 AM 	8 11.15.18 05:00 AM  	9 11.16.18 05:00 AM  	10 11.17.18 06:00 AM 	11 11.18.18 07:00 AM 	12 11.19.18 08:00 AM 
13 11.20.18 09:00 AM 	14 11.21.18 09:00 AM 	15 11.22.18 10:00 AM  	16 11.23.18 11:00 AM  	17 11.24.18 12:00 PM 	18 11.25.18 12:00 PM 	19 11.26.18 01:00 PM 
20 11.27.18 02:00 PM 	21 11.28.18 03:00 PM 	22 11.29.18 04:00 PM  	23 11.30.18 05:00 PM  	24 12.01.18 06:00 PM 	25 12.02.18 07:00 PM Migdalorah begins 	26 12.03.18 08:00 PM 
27 12.04.18 09:00 PM 	28 12.05.18 10:00 PM 					

Migdalorah
The Festival of Beacons similar to the terrestrial Hanukah, but instead of lighting candles, one must visit a new lighthouse each day.



Kynance 27 Jan 88

Tevet

Dag	Gal	Khof	Zerem	Ruakh	Melakh	Shabbat
		1 12.06.18 11:00 PM 	2 12.08.18 12:00 AM	3 12.09.18 12:00 AM Migdalorah ends	4 12.10.18 01:00 AM	5 12.11.18 02:00 AM
6 12.12.18 02:00 AM	7 12.13.18 03:00 AM	8 12.14.18 04:00 AM 	9 12.15.18 05:00 AM	10 12.16.18 06:00 PM	11 12.17.18 07:00 PM	12 12.18.18 08:00 PM
13 12.19.18 08:00 PM	14 12.20.18 09:00 PM	15 12.21.18 10:00 PM 	16 12.22.18 11:00 PM	17 12.24.18 12:00 AM	18 12.25.18 01:00 AM	19 12.26.18 02:00 AM
20 12.27.18 02:00 AM	21 12.28.18 03:00 AM	22 12.29.18 04:00 AM 	23 12.30.18 05:00 AM	24 12.31.18 06:00 AM	25 01.01.19 07:00 AM	26 01.02.19 08:00 AM
27 01.03.19 09:00 AM	28 01.04.19 10:00 AM					



Shvat

Dag	Gal	Khof	Zerem	Ruakh	Melakh	Shabbat
		1 01.05.19 11:00 AM	●	2 01.06.19 11:00 AM	3 01.07.19 12:00 PM	4 01.08.19 01:00 PM
6 01.10.19 02:00 PM	7 01.11.19 03:00 PM	8 01.12.19 03:00 PM	●	9 01.13.19 04:00 PM	10 01.14.19 05:00 PM	11 01.15.19 06:00 PM
13 01.17.19 08:00 PM	14 01.18.19 09:00 PM	15 01.19.19 10:00 PM Tu b'Shvat	○	16 01.20.19 11:00 PM	17 01.22.19 12:00 AM	18 01.23.19 12:00 AM
20 01.25.19 02:00 AM	21 01.26.19 03:00 AM	22 01.27.19 04:00 AM	●	23 01.28.19 05:00 AM	24 01.29.19 06:00 AM	25 01.30.19 07:00 AM
27 02.01.19 09:00 AM	28 02.02.19 10:00 AM	29 02.03.19 10:00 AM				

Tu b'Shvat
One must locate their local circle of estuarine kohanot and ask for an invitation. If they accede, you may worship their tree.



Adar

Dag	Gal	Khof	Zerem	Ruakh	Melakh	Shabbat
			1 02.04.19 11:00 AM 	2 02.05.19 12:00 PM 	3 02.06.19 12:00 PM 	4 02.07.19 01:00 PM 
5 02.08.19 01:00 PM 	6 02.09.19 02:00 PM 	7 02.10.19 03:00 PM 	8 02.11.19 04:00 PM 	9 02.12.19 04:00 PM 	10 02.13.19 05:00 PM 	11 02.14.19 06:00 PM 
12 02.15.19 07:00 PM 	13 02.16.19 08:00 PM 	14 02.17.19 09:00 PM Purim 	15 02.18.19 10:00 PM Purim 	16 02.19.19 11:00 PM 	17 02.21.19 12:00 AM 	18 02.22.19 01:00 AM 
19 02.23.19 02:00 AM 	20 02.24.19 03:00 AM 	21 02.25.19 03:00 AM 	22 02.26.19 04:00 AM 	23 02.27.19 05:00 AM 	24 02.28.19 06:00 AM 	25 03.01.19 07:00 AM 
26 03.02.19 08:00 AM 	27 03.03.19 09:00 AM 	28 03.04.19 10:00 AM 				

Purim
Aquatic Jews
celebrate two
days of Purim.



Nisan

Dag	Gal	Khof	Zerem	Ruakh	Melakh	Shabbat
			1 03.05.19 11:00 AM 	2 03.06.19 11:00 AM	3 03.07.19 12:00 PM	4 03.08.19 12:00 PM
5 03.09.19 01:00 PM	6 03.10.19 02:00 PM	7 03.11.19 02:00 PM	8 03.12.19 03:00 PM 	9 03.13.19 04:00 PM	10 03.14.19 05:00 PM	11 03.15.19 06:00 PM
12 03.16.19 07:00 PM	13 03.17.19 08:00 PM	14 03.18.19 09:00 PM	15 03.19.19 10:00 PM Pesach begins 	16 03.20.19 11:00 PM	17 03.22.19 12:00 AM	18 03.23.19 12:00 AM
19 03.24.19 01:00 AM	20 03.25.19 02:00 AM	21 03.26.19 03:00 AM	22 03.27.19 04:00 AM Pesach ends 	23 03.28.19 05:00 AM	24 03.29.19 06:00 AM	25 03.30.19 07:00 AM
26 03.31.19 08:00 AM	27 04.01.19 09:00 AM	28 04.02.19 09:00 AM	29 04.03.19 10:00 AM			

Pesach
Aquatic Jews
eat leavened
bread on
Pesach but
refrain from
eating fish.



Iyar

Dag	Gal	Khof	Zerem	Ruakh	Melakh	Shabbat	
				1 04.04.19 11:00 AM 	2 04.05.19 11:00 AM 	3 04.06.19 12:00 PM 	
4 04.07.19 01:00 PM 	5 04.08.19 01:00 PM 	6 04.09.19 02:00 PM 	7 04.10.19 03:00 PM 	8 04.11.19 04:00 PM 	9 04.12.19 05:00 PM 	10 04.13.19 06:00 PM 	
11 04.14.19 07:00 PM 	12 04.15.19 08:00 PM 	13 04.16.19 09:00 PM 	14 04.17.19 10:00 PM 	15 04.18.19 10:00 PM 	16 04.19.19 11:00 PM 	17 04.21.19 12:00 AM 	
18 04.22.19 01:00 AM Lag ba'Omer 	19 04.23.19 02:00 AM 	20 04.24.19 02:00 AM 	21 04.25.19 03:00 AM 	22 04.26.19 04:00 AM 	23 04.27.19 05:00 AM 	24 04.28.19 06:00 AM 	
25 04.29.19 07:00 AM 	26 04.30.19 08:00 AM 	27 05.01.19 09:00 AM 	28 05.02.19 09:00 AM 				

Lag ba'Omer
Do not sail on
this day.



.69

G. Courbet.

Sivan

Dag	Gal	Khof	Zerem	Ruakh	Melakh	Shabbat
				1 05.03.19 10:00 AM 	2 05.04.19 11:00 AM 	3 05.05.19 12:00 PM
4 05.06.19 12:00 PM	5 05.07.19 01:00 PM Shavuot	6 05.08.19 02:00 PM	7 05.09.19 03:00 PM	8 05.10.19 03:00 PM 	9 05.11.19 04:00 PM	10 05.12.19 05:00 PM
11 05.13.19 06:00 PM	12 05.14.19 07:00 PM	13 05.15.19 08:00 PM	14 05.16.19 09:00 PM	15 05.17.19 10:00 PM	16 05.18.19 11:00 PM 	17 05.20.19 12:00 AM
18 05.21.19 12:00 AM	19 05.22.19 01:00 AM	20 05.23.19 02:00 AM	21 05.24.19 03:00 AM	22 05.25.19 04:00 AM	23 05.26.19 04:00 AM 	24 05.27.19 05:00 AM
25 05.28.19 06:00 AM	26 05.29.19 07:00 AM	27 05.30.19 08:00 AM	28 05.31.19 09:00 AM	29 06.01.19 10:00 AM		



Tammuz

Dag	Gal	Khof	Zerem	Ruakh	Melakh	Shabbat
					1 06.02.19 10:00 AM	● 2 06.03.19 11:00 AM
3 06.04.19 12:00 PM	4 06.05.19 01:00 PM	5 06.06.19 01:00 PM	6 06.07.19 02:00 PM	7 06.08.19 03:00 PM	8 06.09.19 04:00 PM	● 9 06.10.19 05:00 PM
10 06.11.19 06:00 PM	11 06.12.19 07:00 PM	12 06.13.19 08:00 PM	13 06.14.19 09:00 PM	14 06.15.19 10:00 PM	15 06.16.19 11:00 PM	○ 16 06.17.19 11:00 PM
17 06.19.19 12:00 AM	18 06.20.19 01:00 AM	19 06.21.19 01:00 AM	20 06.22.19 02:00 AM	21 06.23.19 03:00 AM	22 06.24.19 04:00 AM	● 23 06.25.19 05:00 AM
24 06.26.19 06:00 AM	25 06.27.19 06:00 AM	26 06.28.19 07:00 AM	27 06.29.19 08:00 AM	28 06.30.19 09:00 AM		



Av

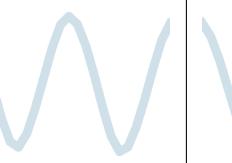
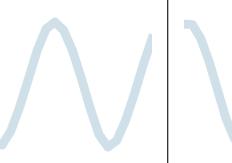
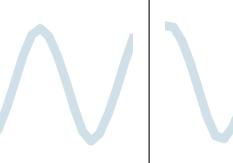
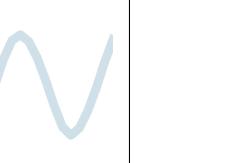
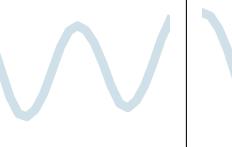
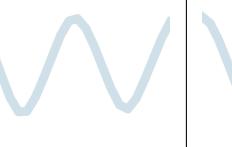
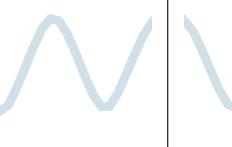
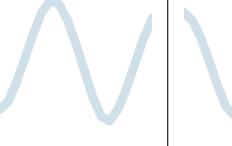
Dag	Gal	Khof	Zerem	Ruakh	Melakh	Shabbat
					1 07.01.19 10:00 AM	● 2 07.02.19 11:00 AM
3 07.03.19 11:00 AM	4 07.04.19 12:00 PM	5 07.05.19 01:00 PM	6 07.06.19 02:00 PM	7 07.07.19 03:00 PM	8 07.08.19 04:00 PM	● 9 07.09.19 05:00 PM Tisha b'Av
10 07.10.19 06:00 PM	11 07.11.19 07:00 PM	12 07.12.19 08:00 PM	13 07.13.19 09:00 PM	14 07.14.19 09:00 PM	15 07.15.19 10:00 PM	○ 16 07.16.19 11:00 PM
17 07.18.19 12:00 AM	18 07.19.19 12:00 AM	19 07.20.19 01:00 AM	20 07.21.19 02:00 AM	21 07.22.19 02:00 AM	22 07.23.19 03:00 AM	○ 23 07.24.19 04:00 AM
24 07.25.19 05:00 AM	25 07.26.19 06:00 AM	26 07.27.19 07:00 AM	27 07.28.19 08:00 AM	28 07.29.19 08:00 AM	29 07.30.19 09:00 AM	

Tisha b'Av
Aquatic Jews mourn the destruction of the Temple, but don't pray for its rebuilding, for in their exile, the sea is their Temple.



Bierstadt

Elul

Dag	Gal	Khof	Zerem	Ruakh	Melakh	Shabbat
						1 07.31.19 10:00 AM 
2 08.01.19 11:00 AM 	3 08.02.19 12:00 PM 	4 08.03.19 01:00 PM 	5 08.04.19 02:00 PM 	6 08.05.19 03:00 PM 	7 08.06.19 03:00 PM 	8 08.07.19 04:00 PM 
9 08.08.19 05:00 PM 	10 08.09.19 06:00 PM 	11 08.10.19 07:00 PM 	12 08.11.19 08:00 PM 	13 08.12.19 09:00 PM 	14 08.13.19 10:00 PM 	15 08.14.19 11:00 PM 
16 08.15.19 11:00 PM 	17 08.17.19 12:00 AM 	18 08.18.19 01:00 AM 	19 08.19.19 01:00 AM 	20 08.20.19 02:00 AM 	21 08.21.19 03:00 AM 	22 08.22.19 03:00 AM 
23 08.23.19 04:00 AM 	24 08.24.19 05:00 AM 	25 08.25.19 06:00 AM 	26 08.26.19 07:00 AM 	27 08.27.19 08:00 AM 	28 08.28.19 09:00 AM 	