

The Aquatic Jewish Calendar

5779



The Aquatic Jewish Calendar

After researching Aquatic Judaism for a personal project, I realized that very little information exists about the group on the Internet. In particular, I couldn't find any examples of the Aquatic Jewish calendar. Accordingly, I decided to make one of my own, with an introduction and helpful notes, in the hope of educating Terrestrial Jews about their Aquatic brethren.

The single greatest difference between Terrestrial and Aquatic Judaism is their calendars. 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*: Days are based on the Earth's movement around the Sun, while months and years are based on the phases of the Moon. The Aquatic Jewish calendar is *lunitidal*: Days are based on the local high tides, while months and years are based on the phases of the Moon. The definition of a tidal day is dependent on the regional geography; in Boston Massachusetts, tidal days are *semidiurnal*, meaning the time elapsed between every other high tide. Additionally, Aquatic Jews observe certain holy days that Terrestrial Jews do not, and vice versa; of the holy days they do share, the *manner* in which they are observed often differs.

Aquatic Judaism varies by region and denomination in a manner similar to Terrestrial Judaism, but the boundaries between the groups are looser, as befits a people that lives beyond national borders. The notes I've included in this calendar are mostly for Atlantic Aquatic Judaism, which is roughly analogous to Terrestrial Ashkenazi Judaism.

The sinusoidal waves on this calendar are based on NOAA preliminary data. For most observant Aquatic Jews, this alone is insufficiently accurate. The prudent Aquatic Jew will listen for the sound of the shofar at high 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



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
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
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
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 Noach, 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
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
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
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
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.



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	5 01.09.19 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	12 01.16.19 07:00 PM
13 01.17.19 08:00 PM	14 01.18.19 09:00 PM	15 01.19.19 10:00 PM Tu b'Shat	16 01.20.19 11:00 PM 	17 01.22.19 12:00 AM	18 01.23.19 12:00 AM	19 01.24.19 01:00 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	26 01.31.19 08:00 AM
27 02.01.19 09:00 AM	28 02.02.19 10:00 AM	29 02.03.19 10:00 AM				

Tu b'Shat
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
Unlike Terrestrial Ashkenazim, Aquatic Jews may eat corn, potatoes, and other starches on Pesach.

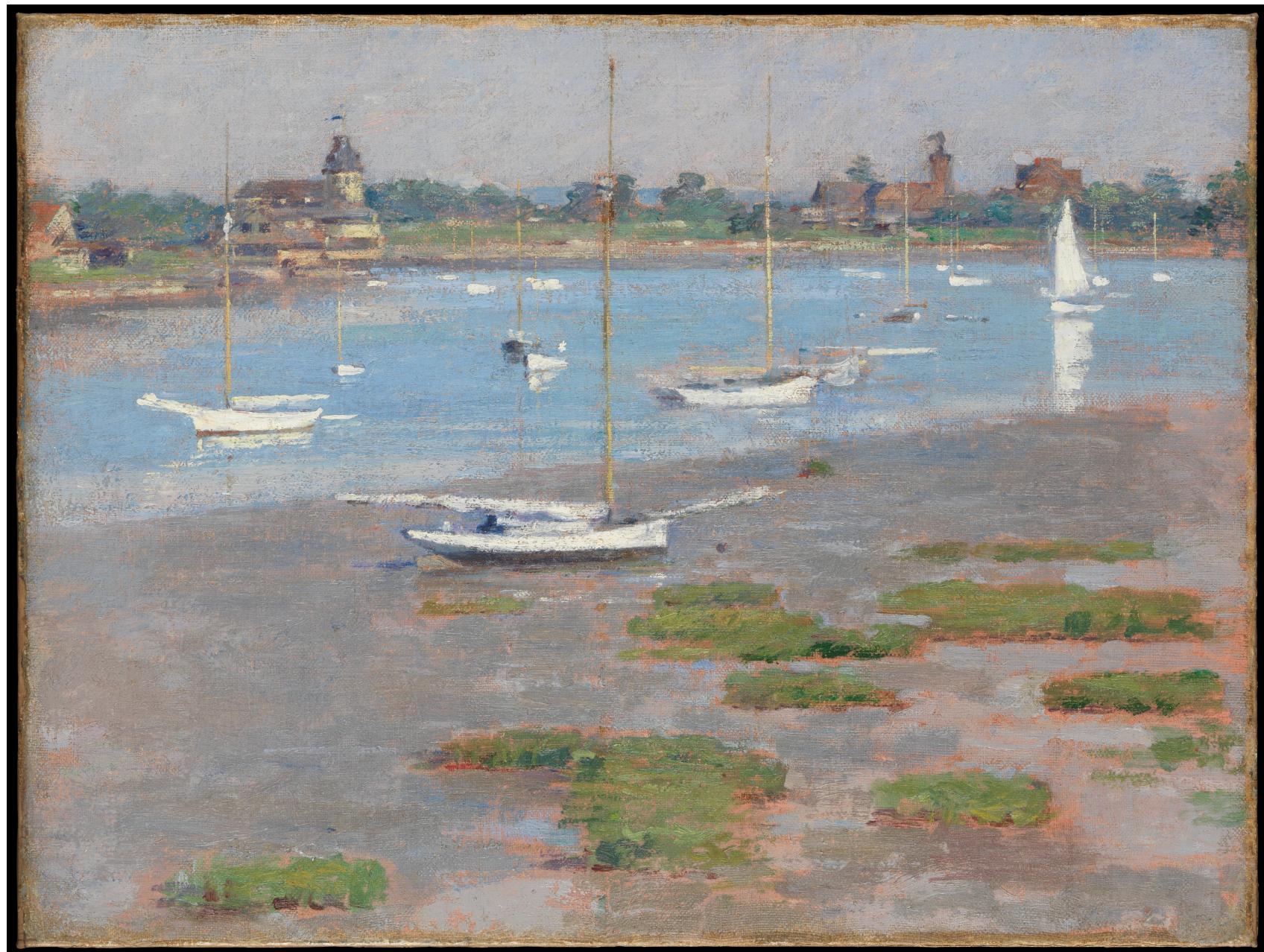


R. Dudley 1883

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.



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	●
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	○
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	○
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	●
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		



Bordighera - Matin
Boudin 92.

Av

Dag	Gal	Khof	Zerem	Ruakh	Melakh	Shabbat
					1 07.01.19 10:00 AM	● 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	● 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	○ 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	○ 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.



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G. Courbet.

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	