

I made this calendar because, after scouring the Internet, I couldn't find any calendars at all for Aquatic Judaism. Accordingly, I thought that it might be educational to make a such a calendar for Terrestrial Jews who might not be familiar with Aquatic Judaism.

Besides some difference in which yom tovs to observe, and how to observe them, the single greatest difference between the Terrestrial and Aquatic Jewish calendar is how days are measured. 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.

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 is insufficiently accurate. For one, the charts here are based on predictions specifically for Boston, Massachusetts, and will vary the further out one is from Boston Harbor. For another, none can truly predict the tides, which are determined ultimately by God's will alone. It is customary in more traditional flotillas to measure the tides only on the day-of, and to blow a shofar at each high tide.



W.T. Richards

Tishrei

Dag	Gal	Khof	Sa'ar	Shakhaf	Melakh	Shabbat
1 09.09.18 03:00 AM Rosh Hashanah	●	2 09.10.18 04:00 AM Rosh Hashanah	3 09.11.18 05:00 AM	4 09.12.18 05:00 AM	5 09.13.18 06:00 AM	6 09.14.18 07:00 AM
8 09.16.18 09:00 AM		9 09.17.18 10:00 AM Yom Kippur	●	10 09.18.18 11:00 AM	11 09.19.18 12:00 PM	12 09.20.18 01:00 AM
15 09.23.18 03:00 AM Sadot begins		16 09.24.18 04:00 AM	○	17 09.25.18 04:00 AM	18 09.26.18 05:00 AM	19 09.27.18 05:00 AM
22 09.30.18 08:00 AM Sadot ends		23 10.01.18 09:00 AM Simchat Torah	●	24 10.02.18 09:00 AM	25 10.03.18 11:00 AM	26 10.05.18 12:00 PM
29 10.08.18 03:00 AM						

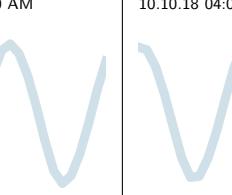
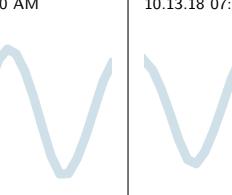
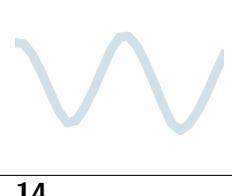
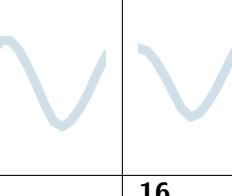
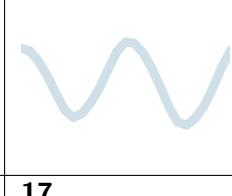
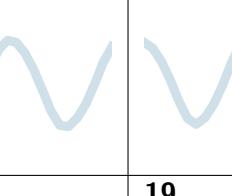
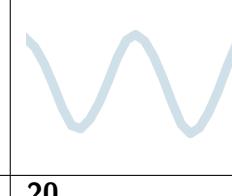
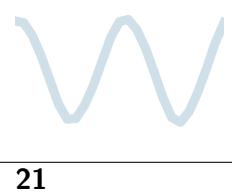
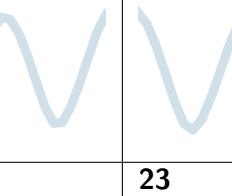
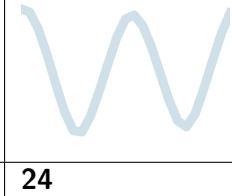
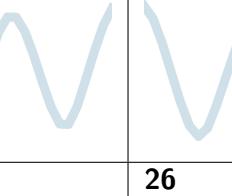
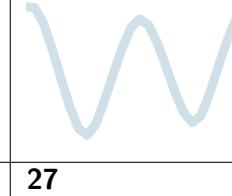
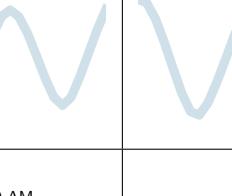
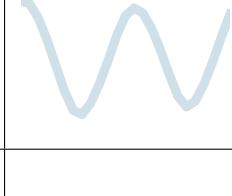
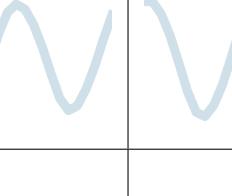
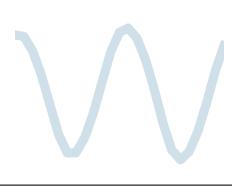
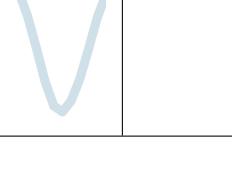
Rosh Hashanah
Tashlikh must be performed in a salty body of water.

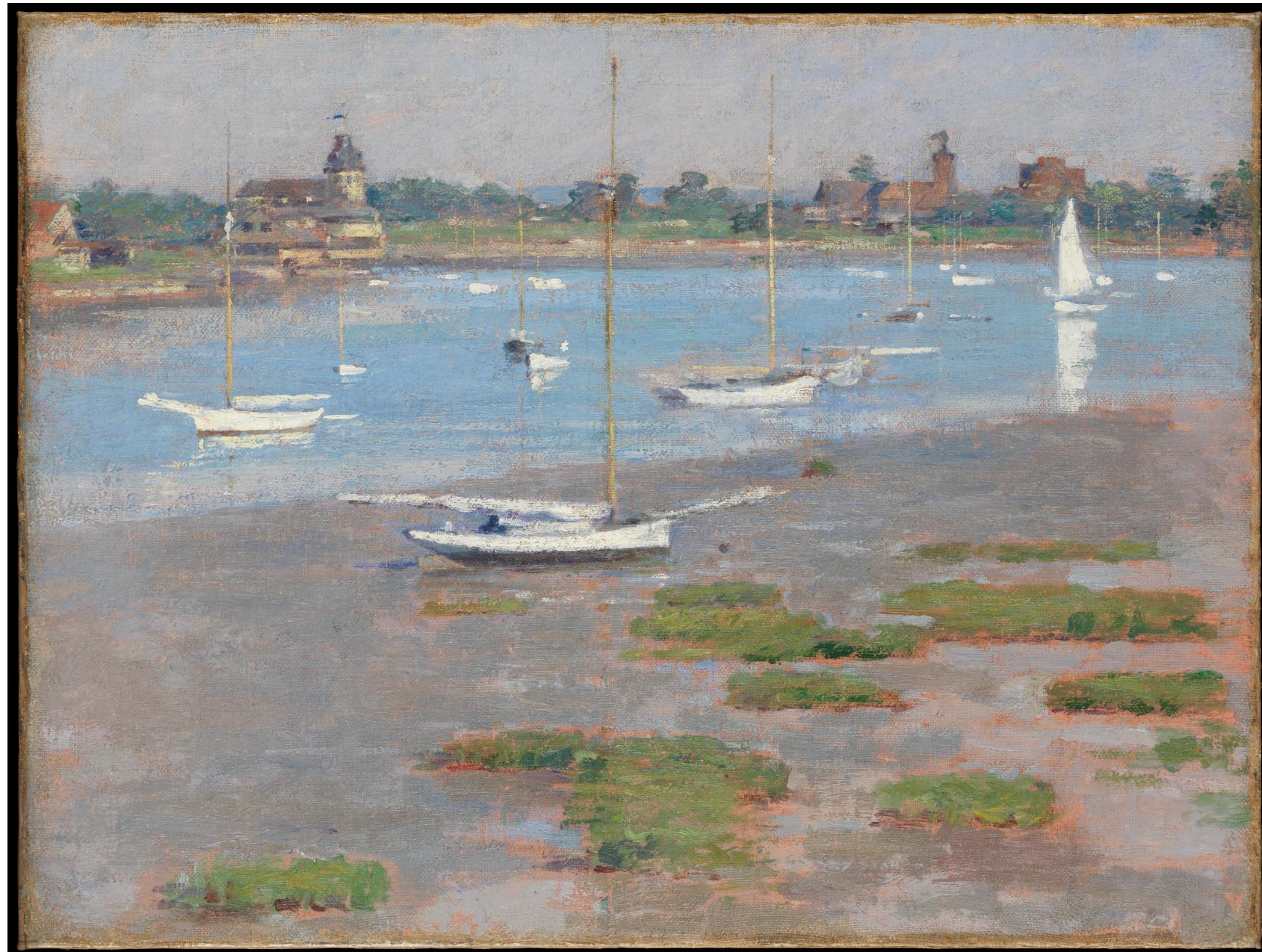
Yom Kippur
It is customary after reading the Book of Jonah to offer a prayer to all lost mariners.

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	Sa'ar	Shakhaf	Melakh	Shabbat
	1 10.09.18 03:00 AM	●	2 10.10.18 04:00 AM		3 10.11.18 05:00 AM	
						
7 10.15.18 08:00 AM	8 10.16.18 09:00 AM	◐	9 10.17.18 10:00 AM		10 10.18.18 11:00 AM	
						
14 10.22.18 02:00 AM	15 10.23.18 03:00 AM		16 10.24.18 04:00 AM	○	17 10.25.18 04:00 AM	
						
21 10.29.18 07:00 AM	22 10.30.18 08:00 AM		23 10.31.18 09:00 AM	◑	24 11.01.18 10:00 AM	
						
28 11.06.18 02:00 AM	29 11.07.18 03:00 AM					
						



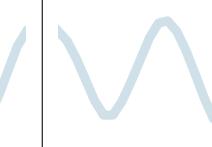
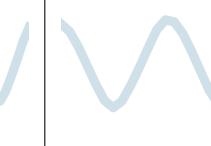
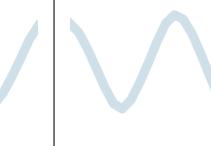
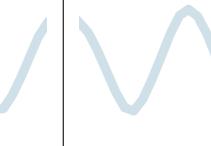
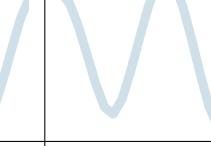
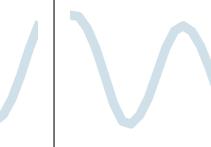
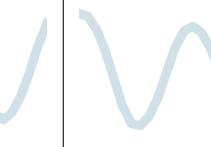
Kislev

Dag	Gal	Khof	Sa'ar	Shakhaf	Melakh	Shabbat
		1 11.08.18 04:00 AM	●	2 11.09.18 05:00 AM	3 11.10.18 06:00 AM	4 11.11.18 06:00 AM
6 11.13.18 08:00 AM	7 11.14.18 09:00 AM	8 11.15.18 10:00 AM	○	9 11.16.18 10:00 AM	10 11.17.18 11:00 AM	11 11.18.18 12:00 PM
13 11.20.18 02:00 AM	14 11.21.18 02:00 AM	15 11.22.18 03:00 AM	○	16 11.23.18 04:00 AM	17 11.24.18 05:00 AM	18 11.25.18 05:00 AM
20 11.27.18 07:00 AM	21 11.28.18 08:00 AM	22 11.29.18 09:00 AM	○	23 11.30.18 10:00 AM	24 12.01.18 11:00 AM	25 12.03.18 12:00 PM Migdalorah begins
27 12.05.18 02:00 AM	28 12.06.18 03:00 AM					

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	Sa'ar	Shakhaf	Melakh	Shabbat
		1 12.07.18 04:00 AM 	2 12.08.18 05:00 AM 	3 12.09.18 05:00 AM Migdalorah ends 	4 12.10.18 06:00 AM 	5 12.11.18 07:00 AM 
6 12.12.18 07:00 AM 	7 12.13.18 08:00 AM 	8 12.14.18 09:00 AM 	9 12.15.18 10:00 AM 	10 12.16.18 11:00 AM 	11 12.18.18 12:00 PM 	12 12.19.18 01:00 AM 
13 12.20.18 01:00 AM 	14 12.21.18 02:00 AM 	15 12.22.18 03:00 AM 	16 12.23.18 04:00 AM 	17 12.24.18 05:00 AM 	18 12.25.18 06:00 AM 	19 12.26.18 07:00 AM 
20 12.27.18 07:00 AM 	21 12.28.18 08:00 AM 	22 12.29.18 09:00 AM 	23 12.30.18 10:00 AM 	24 12.31.18 11:00 AM 	25 01.01.19 12:00 PM 	26 01.02.19 01:00 AM 
27 01.03.19 02:00 AM 	28 01.04.19 03:00 AM 	29 01.05.19 04:00 AM 				



Shvat

Dag	Gal	Khof	Sa'ar	Shakhaf	Melakh	Shabbat
			1 01.06.19 04:00 AM	●	2 01.07.19 05:00 AM	3 01.08.19 06:00 AM
5 01.10.19 07:00 AM	6 01.11.19 08:00 AM	7 01.12.19 08:00 AM	8 01.13.19 09:00 AM	●	9 01.14.19 10:00 AM	10 01.15.19 11:00 AM
12 01.18.19 01:00 AM	13 01.19.19 02:00 AM	14 01.20.19 03:00 AM	15 01.21.19 04:00 AM Tu b'Shvat	○	16 01.22.19 05:00 AM	17 01.23.19 05:00 AM
19 01.25.19 07:00 AM	20 01.26.19 08:00 AM	21 01.27.19 09:00 AM	22 01.28.19 10:00 AM	●	23 01.29.19 11:00 AM	24 01.30.19 12:00 PM
26 02.01.19 02:00 AM	27 02.02.19 03:00 AM	28 02.03.19 03:00 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	Sa'ar	Shakhaf	Melakh	Shabbat
			1 02.04.19 04:00 AM	●	2 02.05.19 05:00 AM	3 02.06.19 05:00 AM
5 02.08.19 06:00 AM	6 02.09.19 07:00 AM	7 02.10.19 08:00 AM	8 02.11.19 09:00 AM	●	9 02.12.19 09:00 AM	10 02.13.19 10:00 AM
12 02.16.19 12:00 PM	13 02.17.19 01:00 AM	14 02.18.19 02:00 AM Purim	15 02.19.19 03:00 AM	○	16 02.20.19 04:00 AM	17 02.21.19 05:00 AM
19 02.23.19 07:00 AM	20 02.24.19 08:00 AM	21 02.25.19 08:00 AM	22 02.26.19 09:00 AM	●	23 02.27.19 10:00 AM	24 02.28.19 11:00 AM
26 03.02.19 01:00 AM	27 03.03.19 02:00 AM	28 03.04.19 03:00 AM	29 03.05.19 04:00 AM			



Nisan

Dag	Gal	Khof	Sa'ar	Shakhaf	Melakh	Shabbat
				1 03.06.19 04:00 AM	●	2 03.07.19 05:00 AM
4 03.09.19 06:00 AM	5 03.10.19 07:00 AM	6 03.11.19 07:00 AM	7 03.12.19 08:00 AM	8 03.13.19 09:00 AM	●	9 03.14.19 10:00 AM
11 03.17.19 12:00 PM	12 03.18.19 01:00 AM	13 03.19.19 02:00 AM	14 03.20.19 03:00 AM	15 03.21.19 04:00 AM Pesach begins	○	16 03.22.19 05:00 AM
18 03.24.19 06:00 AM	19 03.25.19 07:00 AM	20 03.26.19 08:00 AM	21 03.27.19 09:00 AM	22 03.28.19 10:00 AM Pesach ends	●	23 03.29.19 11:00 AM
25 03.31.19 01:00 AM	26 04.01.19 02:00 AM	27 04.02.19 02:00 AM	28 04.03.19 03:00 AM			24 03.30.19 12:00 PM

Pesach
Unlike Terrestrial Ashkenazim, Atlantic Aquatic Jews may eat corn, potatoes, and other starches on Pesach.



Iyar

Dag	Gal	Khof	Sa'ar	Shakhaf	Melakh	Shabbat
				1 04.04.19 04:00 AM	●	2 04.05.19 04:00 AM
4 04.07.19 06:00 AM	5 04.08.19 06:00 AM	6 04.09.19 07:00 AM	7 04.10.19 08:00 AM	8 04.11.19 09:00 AM	○	9 04.12.19 10:00 AM
11 04.15.19 12:00 PM	12 04.16.19 01:00 AM	13 04.17.19 02:00 AM	14 04.18.19 03:00 AM	15 04.19.19 03:00 AM	○	16 04.20.19 04:00 AM
18 04.22.19 06:00 AM Lag ba'Omer	19 04.23.19 07:00 AM	20 04.24.19 07:00 AM	21 04.25.19 08:00 AM	22 04.26.19 09:00 AM	●	23 04.27.19 10:00 AM
25 04.29.19 12:00 PM	26 04.30.19 01:00 AM	27 05.01.19 02:00 AM	28 05.02.19 02:00 AM	29 05.03.19 03:00 AM		

Lag ba'Omer
Do not sail on this day.



Sivan

Dag	Gal	Khof	Sa'ar	Shakhaf	Melakh	Shabbat
					1 05.04.19 04:00 AM 	2 05.05.19 05:00 AM
3 05.06.19 05:00 AM	4 05.07.19 06:00 AM	5 05.08.19 07:00 AM Shavuot	6 05.09.19 08:00 AM	7 05.10.19 08:00 AM	8 05.11.19 09:00 AM 	9 05.12.19 10:00 AM
10 05.13.19 11:00 AM	11 05.15.19 12:00 PM	12 05.16.19 01:00 AM	13 05.17.19 02:00 AM	14 05.18.19 03:00 AM	15 05.19.19 04:00 AM 	16 05.20.19 05:00 AM
17 05.21.19 05:00 AM	18 05.22.19 06:00 AM	19 05.23.19 07:00 AM	20 05.24.19 08:00 AM	21 05.25.19 09:00 AM	22 05.26.19 09:00 AM 	23 05.27.19 10:00 AM
24 05.28.19 11:00 AM	25 05.29.19 12:00 PM	26 05.30.19 01:00 AM	27 05.31.19 02:00 AM	28 06.01.19 03:00 AM		



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Tammuz

Dag	Gal	Khof	Sa'ar	Shakhaf	Melakh	Shabbat
					1 06.02.19 03:00 AM	● 06.03.19 04:00 AM
3 06.04.19 05:00 AM	4 06.05.19 06:00 AM	5 06.06.19 06:00 AM	6 06.07.19 07:00 AM	7 06.08.19 08:00 AM	8 06.09.19 09:00 AM	○ 06.10.19 10:00 AM
10 06.11.19 11:00 AM	11 06.13.19 12:00 PM	12 06.14.19 01:00 AM	13 06.15.19 02:00 AM	14 06.16.19 03:00 AM	15 06.17.19 04:00 AM	○ 06.18.19 04:00 AM
17 06.19.19 05:00 AM	18 06.20.19 06:00 AM	19 06.21.19 06:00 AM	20 06.22.19 07:00 AM	21 06.23.19 08:00 AM	22 06.24.19 09:00 AM	● 06.25.19 10:00 AM
24 06.26.19 11:00 AM	25 06.27.19 11:00 AM	26 06.28.19 12:00 PM	27 06.29.19 01:00 AM	28 06.30.19 02:00 AM	29 07.01.19 03:00 AM	



Av

Dag	Gal	Khof	Sa'ar	Shakhaf	Melakh	Shabbat
						1 07.02.19 04:00 AM 
2 07.03.19 04:00 AM	3 07.04.19 05:00 AM	4 07.05.19 06:00 AM	5 07.06.19 07:00 AM	6 07.07.19 08:00 AM	7 07.08.19 09:00 AM	8 07.09.19 10:00 AM 
9 07.10.19 11:00 AM Tisha b'Av	10 07.12.19 12:00 PM	11 07.13.19 01:00 AM	12 07.14.19 02:00 AM	13 07.15.19 02:00 AM	14 07.16.19 03:00 AM	15 07.17.19 04:00 AM 
16 07.18.19 05:00 AM	17 07.19.19 05:00 AM	18 07.20.19 06:00 AM	19 07.21.19 07:00 AM	20 07.22.19 07:00 AM	21 07.23.19 08:00 AM	22 07.24.19 09:00 AM 
23 07.25.19 10:00 AM	24 07.26.19 11:00 AM	25 07.27.19 12:00 PM	26 07.28.19 01:00 AM	27 07.29.19 01:00 AM	28 07.30.19 02:00 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	Sa'ar	Shakhaf	Melakh	Shabbat
						1 07.31.19 03:00 AM 
2 08.01.19 04:00 AM	3 08.02.19 05:00 AM	4 08.03.19 06:00 AM	5 08.04.19 07:00 AM	6 08.05.19 08:00 AM	7 08.06.19 08:00 AM	8 08.07.19 09:00 AM 
9 08.08.19 10:00 AM	10 08.09.19 11:00 AM	11 08.11.19 12:00 PM	12 08.12.19 01:00 AM	13 08.13.19 02:00 AM	14 08.14.19 03:00 AM	15 08.15.19 04:00 AM 
16 08.16.19 04:00 AM	17 08.17.19 05:00 AM	18 08.18.19 06:00 AM	19 08.19.19 06:00 AM	20 08.20.19 07:00 AM	21 08.21.19 08:00 AM	22 08.22.19 08:00 AM 
23 08.23.19 09:00 AM	24 08.24.19 10:00 AM	25 08.25.19 11:00 AM	26 08.26.19 12:00 PM	27 08.27.19 01:00 AM	28 08.28.19 02:00 AM	29 08.29.19 03:00 AM