

# 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*: 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.

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. That being said, Atlantic Aquatic Jews observe many holy days that the Ashkenazim do not, and vice versa; of the holy days that both groups share, their traditions and practices often differ.

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 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 <b>Rosh Hashanah</b>	●	2 09.09.18 11:00 PM <b>Rosh Hashanah</b>	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 <b>Yom Kippur</b>	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 <b>Sadot begins</b>		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 <b>Sadot ends</b>		23 10.01.18 04:00 PM <b>Simchat Torah</b>	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

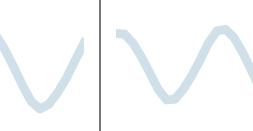
Dag	Gal	Khof	Zerem	Ruakh	Melakh	Shabbat
	<b>1</b> 10.08.18 10:00 PM 	<b>2</b> 10.09.18 11:00 PM	<b>3</b> 10.11.18 12:00 AM	<b>4</b> 10.12.18 01:00 AM	<b>5</b> 10.13.18 02:00 AM	<b>6</b> 10.14.18 03:00 AM
<b>7</b> 10.15.18 03:00 AM	<b>8</b> 10.16.18 04:00 AM 	<b>9</b> 10.17.18 05:00 AM	<b>10</b> 10.18.18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



Bierstadt

# 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 <b>Migdalorah begins</b> 	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.*



# 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 <b>Migdalorah ends</b>	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					



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# 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 <b>Tu b'Shvat</b>	○	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 <b>Purim</b> 	15 02.18.19 10:00 PM <b>Purim</b> 	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 <b>Pesach begins</b> 	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 <b>Pesach ends</b> 	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 			

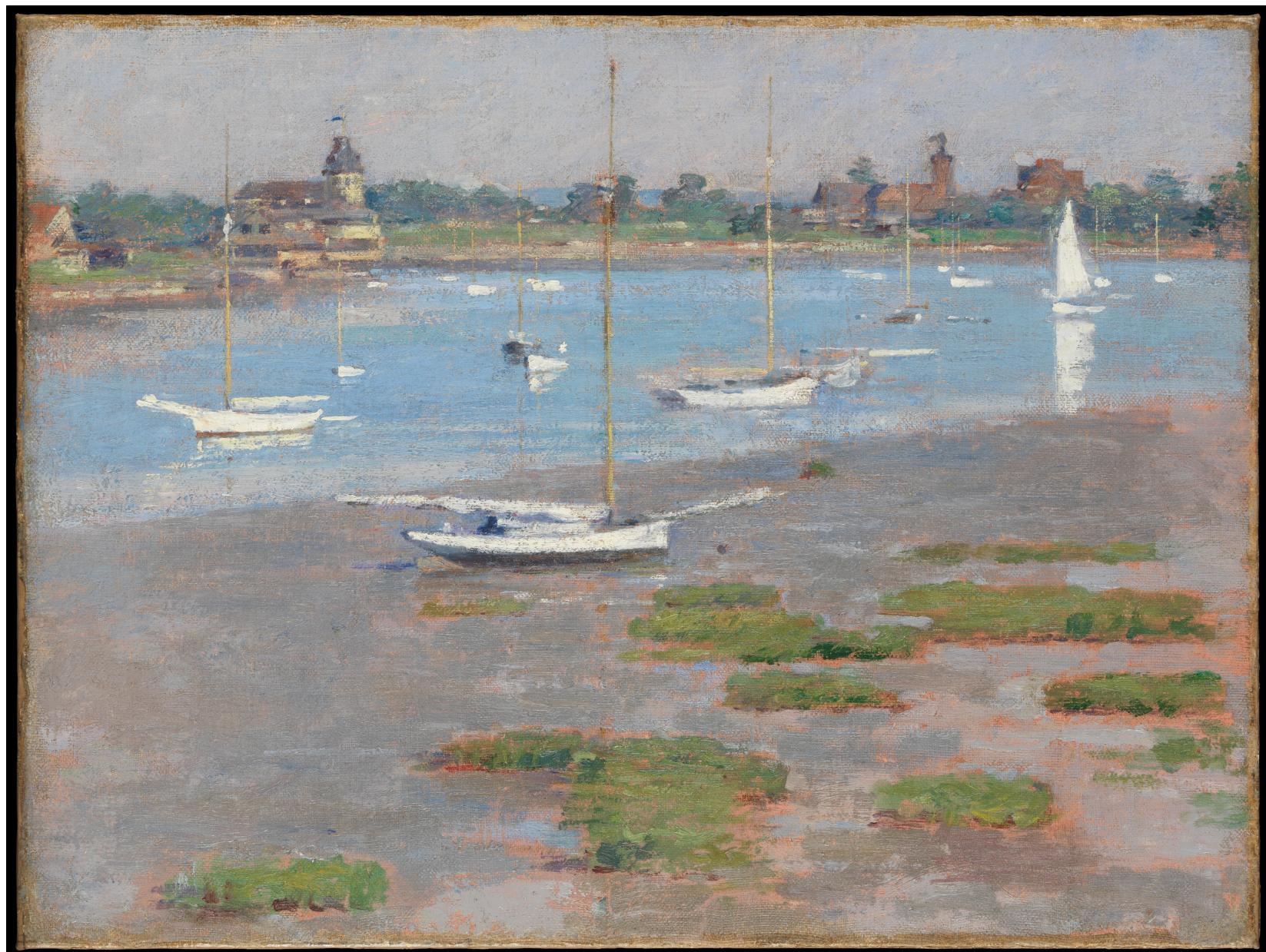
**Pesach**  
Aquatic Jews  
will eat  
leavened bread  
on Pesach, but  
refrain from  
eating fish.



# 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 <b>Lag ba'Omer</b> 	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 <b>Shavuot</b>	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		



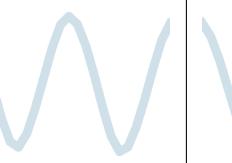
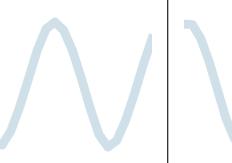
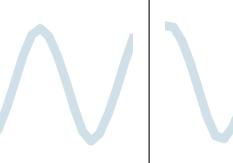
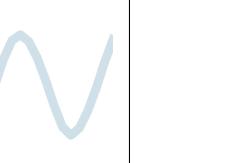
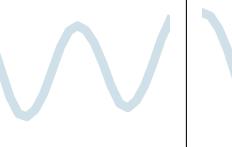
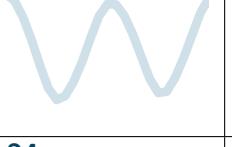
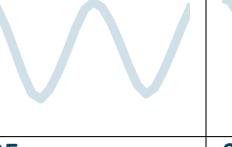
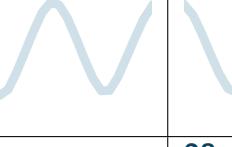
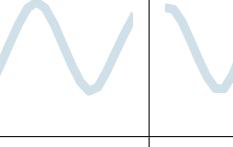
# Av

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 <b>Tisha b'Av</b>
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.*



# 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 	