

# PHILOTORAH

יהי רצון מלפניך ה' אלהינו ואלהי אבותינו שתשלח מהרה רפואה שלמה מן השמים, רפואת הנפש ורפואת הגוף לחולי קורונה - בישראל, בעם היהודי, ובעולם, ולנפגעי מעשי טרור ואנטישמיות - בכל מקום שהם, עם שאר חולי ישראל. אמן.

## קרח

שבת מברכים

**YERUSHALAYIM**

in/out times  
for Shabbat  
Parshat

**KORACH**

כ"ו סיון

ה'תשפ"ב

June 24-25, '22



 **7:14PM** Earliest (Plag) **6:20PM** •   **8:31PM** R' Tam **9:06PM**

For other locales, click on Z'MANIM link

# CALNOTES



## Shabbat M'vorchim

This Shabbat - Parshat Korach (in Chutz LaAretz, Sh'lach) - 26 Sivan (June 25th) - we bench Rosh Chodesh Tamuz, which will be on Wednesday and Thursday, June 29th & 30th.

רֵאשׁ חֹדֶשׁ תַּמּוּז יִהְיֶה בְּיוֹם רְבִיעֵי וּבְיוֹם חֲמִישֵׁי הַבָּא עָלֵינוּ וְעַל כָּל יִשְׂרָאֵל לְטוֹבָה:

The molad of Tamuz 5782 is on Wednesday (june 29th), 6 hours, 48 minutes, and 3 chalakim (parts).

הַמּוֹלָד יִהְיֶה יוֹם רְבִיעֵי, אַרְבָּעִים וּשְׁמוֹנֶה דְקוֹת וּשְׁלוֹשָׁה חֲלָקִים אַחֲרֵי שֶׁשׁ בְּבוֹקֶר.

This translates to local time as 7:31am Israel Summer Time.

This time can (should) be adjusted for one's local time. However, the announcement of the molad during Rosh Chodesh Benching is the same anywhere in the world. Nor does announced time get adjusted for daylight saving time.

In Rambam notation (which starts the day at 6:00pm rather than at midnight, and which uses hours and chalakim, but no minutes), the molad is ד' יב:תתסז (DALET), 12 hours, 867 chalakim (that's 48 minutes -  $48 \times 12 = 864$  plus

the 3 chalakim). The way we announce the molad and the Rambam's way are the same time.

What is not the same time, is the actual (astronomical) molad - a.k.a. New Moon. Our announced time is based on the average time it takes the Moon to go through its phases. In reality, that time varies from month to month, according to Kepler's second law of planetary motion (which is really G-d's law that Kepler discovered).

The actual molad of Tamuz is 5:51am, an hour and 40 minutes before the announced time.

The actual molad (AMITI) can be before or after the average molad (EMTZA'I). It can be as much as 6 hours before to 19 hours after the average time.

## TAMUZ

Although we usually associate the month of Tamuz with the fast of the 17th and the beginning of the Three Weeks, a period of mourning for Churban Beit HaMikdash and other tragedies, the month actually begins with a different mood and feeling.

The third of Tamuz is the date of the miracle - 3294 years ago - when the Sun and Moon stood still at Yehoshua's request.