

PHILOTORAH

יְהִי רְצוֹן מִלְּפָנֶיךָ ה' אֱלֹהֵינוּ וְאֱלֹהֵי אֲבוֹתֵינוּ שֶׁתְּשַׁלַּח מְהֵרָה רְפוּאָה שְׁלֵמָה מִן הַשָּׁמַיִם,
רְפוּאָת הַנֶּפֶשׁ וְרְפוּאָת הַגּוּף לְחוּלֵי קוֹרוֹנָה – בְּיִשְׂרָאֵל, בְּעַם הַיְהוּדִי, וּבְעוֹלָם,
וּלְנַפְגְּעֵי מַעֲשֵׂי טְרוּר וְאַנְטִישִׁמְיוֹת – בְּכֹל מְקוֹם שֶׁהֵם, עִם שְׂאֵר חוּלֵי יִשְׂרָאֵל. אָמֵן.



YERUSHALAYIM in/out times for **NITZAVIM**

כ"ח אלול ה'תשפ"ב 🌙 September 23-24, '22

🕯️ 5:59 PM Earliest (Plag) 5:19 PM • 🕯️🕯️🕯️ 7:09 PM R' Tam 7:50 PM

For other locales, click on Z'MANIM link

Remember **PROZBUL** before **Rosh HaShana**
Hatarat Nedarim, too

CALNOTES



5783 הבעל"ט

You can find the details of the new year by looking at a calendar - printed or online, or...

You can do it the way it's done, so you'll know how the calendar people do it.

First, we have to determine when Rosh HaShana is.

To do this, we need the molad of Tishrei. This can also be found by calculating it from scratch, or we can look it up. Let's look it up.

The molad of Tishrei 5783 is Sunday night (September 25th), no minutes and 6 chalakim (parts, there are 18 to a minute) after 9:00pm. We call it Sunday night, but in calendar terms it is LEIL SHEINI, the eve of Monday.

Rosh HaShana therefore, is on Monday (and Tuesday), September 26-27.

Based on Rambam's Hilchot Kidush HaChodesh, RH is on the day of the Molad of Tishrei, unless one of the D'CHIYOT (factors that will push RH one day later) apply. Which for 5783, they don't. Molad on Monday. RH on Monday.

Next we need to determine if the year 5783 is a 12-month year (Shana P'shuta) or a 13-month year (Shana M'uberet).

Divide 5783 by 19. We get 304 remainder 7. This means that 304 Lunar Cycles have past since Creation, and the new year is the 7th year of the 305th cycle.

Years 3, 6, 8, 11, 14, 17, and 19 of each Lunar Cycle are M'uberet. So 5783 is not M'uberet. It has 12 months.

Now we need to know the molad of Tishrei 5784. Again, we could calculate it, but to keep things a little easier, we'll look that up, too.

The molad of Tishrei 5784 will be on Friday morning, September 15th 2023, at 5 hours 49 minutes, even. Friday morning molad means RH is that same day - unless it is a Sunday, Wednesday, or Friday, in which case, RH is pushed to the following day - namely, Shabbat, September 16th.

We now determine that there are 355 days between RH 5783 and RH 5784, which necessitates adding a day - specifically, 30 Marcheshvan. This makes 5783 a SHANA SH'LEIMA, a full year.

We now have the three factors that determine the year-type of 5783.

P'SHUTA (PEI), begins on Monday (BET), and it is full (SHIN).

The year-type code is PEI-BET-SHIN.

Side point: P'SHUTA-SH'LEIMA is the most common combination of factors for a year. Regardless of when RH is, they all have 355 days. The gimatriya of SHANA is 355. SHANA TOVA UMTUKA.