

# PHILOTORAH

לה"ו

יהי רצון מלפניך ה' אלהינו וא'להי אבותינו שתשלח מהרה רפואה שלמה מן השמים, רפואת הנפש ורפואת הגוף לפצועי המלחמה, ולנפגעי מעשי טרור ואנטישמיות בישראל ובכל מקום שהם - עם שאר חולי ישראל. אמן.

**May HaShem protect our soldiers and the hostages; may He send Refu'ah Sh'leima to the many injured; may He console the bereaved families and all of Israel, may He end this war with success and peace for Medinat Yisrael and Klal Yisrael wherever they are.**



## כי תבוא

פרקי אבות - פרק ג-ד

ולקחת מראשית וכל פרי האדמה... ושמת בטנא

דברים כ"ב

**YERUSHALAYIM** in/out times for Shabbat **KI TAVO**

י"ח אלול ה'תשפ"ד • September 20-21, '24



**6:03PM** PLAG **5:22PM** •  **7:13PM** R' Tam **7:54PM**

For other locales, click on the Z'MANIM link



## Introducing 5785 HA"L

There are 14 different year-types, 7 are 12-month years, SHANA P'SHUTA and 7 are 13-month years, SHANA M'UBERET. These year-types are coded with a PEI or a MEM in the first position of the three-letter code.

If you take the year and divided it by 19, you find its status as a P'SHUTA or M'UBERET - for example:

5785 divided by 19 = 304 remainder 9.

This means that 304 Lunar cycles (19 years) has passed since Creation, and 5785 is the 9th year of the 305th cycle.

Years 1, 2, 4, 5, 7, 9, 10, 12, 13, 15, 16, 18 are P'SHUTOT and 3, 6, 8, 11, 14, 17, 19 are M'UBAROT.

Four year-types begin on a Monday (first day of Rosh haShana), two begin on a Tuesday, four begin on a Thursday, and four begin on Shabbat. These years are coded with a BET, GIMEL, HEI, or ZAYIN in the second position of the three-letter code.

No year begins on a Sunday, Wednesday, or Friday. This fact is the result of the rule LO ADU ROSH.

Three year-types have the 'normal' number of days - 354 for a 12-month year and 384 for a 13-month year.

These years are referred to as K'SEDER or K'SIDRAN, and are coded with a KAF in the third position of the three-letter code.

Five year-types are deficient, i.e. missing a day - they have 353 or 383 days, and are coded with a CHET for CHASEIR.

Six year-types are abundant, i.e. having an extra day - they have 355 or 385 days, and are coded with a SHIN for SHALEIM.

What determines whether a year will have the 'normal' number of days, or will be CHASEIR or SHALEIM is the day Rosh HaShana of the following year begins.

For example:

5786 will begin on a Tuesday. This is determined by the molad of Tishrei of that year and the rules for fixing RH based on that molad.

With 5785 beginning on a Thursday, 355 days will bring us to Erev RH 5786 - which requires the 'extra' day of 30 Marcheshvan. Hence, 5785 is SHALEIM.

When a year is CHASEIR, it is the 30th of Kislev that drops out.

Theoretically, these factors would combine to give 24 different year-types -  $2 \times 4 \times 3 = 24$ .

Actually, there are 14 different year-types in our calendar, as follows:

| year-type code | days | % of years |
|----------------|------|------------|
| PEI-BET-CHET   | 353  | 5.71       |
| PEI-BET-SHIN   | 355  | 11.80      |
| PEI-GIMEL-KAF  | 354  | 6.25       |
| PEI-HEI-KAF    | 354  | 18.05      |
| PEI-HEI-SHIN   | 355  | 3.31       |
| PEI-ZAYIN-CHET | 353  | 4.33       |
| PEI-ZAYIN-SHIN | 355  | 13.72      |
| MEM-BET-CHET   | 383  | 5.80       |
| MEM-BET-SHIN   | 385  | 4.72       |
| MEM-GIMEL-KAF  | 384  | 5.26       |
| MEM-HEI-CHET   | 383  | 3.87       |
| MEM-HEI-SHIN   | 385  | 6.66       |
| MEM-ZAYIN-CHET | 383  | 5.80       |
| MEM-ZAYIN-SHIN | 385  | 4.72       |

5785 is a PEI-HEI-SHIN year-type, the rarest year-type of our Calendar, occurring only 3.31% of years.

The last PEI-HEI-SHIN year was 5754 (2003-2004), twenty-one years ago. The next scheduled one is 5805 (2044-2045), twenty years from now.

We will have in 5785, a fast day on a Friday - ASARA B'TEVET, Purim on a Friday - which means PURIM M'SHULASH in Yerushalayim, and PESACH SEDER on Motza'ei Shabbat.

Interesting year coming up. May it be a year of peace and prosperity, filled with Torah, Mitzvot, and Simcha.