

## How The Prophetic Year is Calculated

> The Prophetic year is based on the twelve months of the Jewish calendar as created by God.

### **Background and History**

> The Jewish calendar is based on three astronomical phenomena:

-The rotation of the Earth about its axis (a day)

-The revolution of the moon about the Earth (a month)

-The revolution of the Earth about the sun (a year).

> These three phenomena are independent of each other, so there is no direct correlation between them. *(On average, the moon revolves around the Earth in about 29½ days. The Earth revolves around the sun in about 365¼ days, that is, about 12.4 lunar months.)*

> The Gregorian calendar used by most of the world has abandoned using the moon's orbit around the earth as signifying a "month", arbitrarily setting the length of months to 28, 30 or 31 days.

> The Jewish calendar uses not only a day (Earth rotating on its axis) and a year (one Earth orbit around the sun), but it also uses the 29 ½-day Lunar cycle (the Moon's orbit around the Earth)

> So, a Jewish month is either 29 or 30 days, corresponding to the 29½-day lunar cycle. Years are either 12 or 13 months, corresponding to the 12.4 month solar cycle (year).

> The lunar month on the Jewish calendar begins when the first sliver of moon becomes visible after the dark of the moon.

> In ancient times, the new months used to be determined by observation. When people observed the new moon, they would notify the Sanhedrin. When the Sanhedrin heard testimony from two independent, reliable eyewitnesses that the new moon occurred on a certain date, they would declare the *Rosh Codesh* (literally, “the head of the month”) first of the month and send out messengers to tell people when the month began.

> The names of the months of the Jewish calendar were adopted during the time of Ezra, *after the return from the Babylonian exile*. The names are actually Babylonian month names, brought back to Israel by the returning exiles. Note that most of the Bible refers to months by number, not by name.

Hebrew	English	Number	Length	Gregorian Equivalent
ניסן	Nissan	1	30 days	March-April
אייר	Iyar	2	29 days	April-May
סיון	Sivan (in Bible, Ester)	3	30 days	May-June
תמוז	Tammuz	4	29 days	June-July
אב	Av	5	30 days	July-August
אלול	Elul (in Bible, Neh.)	6	29 days	August-September
תשרי	Tishri	7	30 days	September-October
חשוון	Cheshvan	8	29 or 30 days	October-November
כסלו	Kislev (in Bible, Neh.)	9	30 or 29 days	November-December
טבת	Tevet	10	29 days	December-January
שבט	Shevat	11	30 days	January-February
אדר	Adar II (leap years only) (in Bible, Ezr.)	12	30 days	February-March
אדר ב	Adar (called Adar II in leap years)	12 (13 in leap years)	29 days	February-March

> 12 (months) x 30 (days) =360 day Prophetic year.

> The 360-day year was the standard before the flood – It was the flood that modified the earth's axis position thus modifying the day and year cycles.

> Noah recorded the 150-day life-cycle of the flood...

> These 150 days began on the 17th day of the second month

> Read Genesis 7:11~12...

<sup>GE 7:11</sup> In the six hundredth year of Noah's life, on the seventeenth day of the second month--on that day all the **springs of the great deep burst forth**, and the floodgates of the heavens were opened. <sup>12</sup> And rain fell on the earth forty days and forty nights.

> **Genesis 7:24** states: <sup>GE 7:24</sup> The waters flooded the earth for a hundred and fifty days.

> ... and ended on the 17th day of the seventh month.

> **Read Genesis 8:3~4...**

<sup>3</sup> The water receded steadily from the earth. At the end of the hundred and fifty days the water had gone down, <sup>4</sup> and on the seventeenth day of the seventh month the ark came to rest on the mountains of Ararat.

> (POINT) The 5 months consisted of 30 days each.

> Abraham used the 360-day year as he was a Chaldean who were know to keep a 360-day year.

> (DO) Use “Exhibit-F” to further drive home the point of a Biblical year equaling 360 days... None of the matching calculations would match-up if it were not based on the 360-day Prophetic year!