



Dots above the thick horizontal line at Zero indicate years in which Tishrei 1 was/will be after the actual new moon.
Dots below the thick horizontal line at Zero indicate years in which Tishrei 1 was/will be before the actual new moon.
Dashed line at Hebrew year 4119 indicates year in which Hillel II is said to have fixed the Hebrew calendar.
Dashed line at Hebrew year 5764 indicates the present Hebrew year (at the time of preparing this report).
The thick curved line indicates the regression line trend (a quadratic functional relationship).
For thousands of years sunset erev Tishrei 1 averaged near 6 degrees lunar phase.
Sunset erev Tishrei 1 has ranged from almost -11 to +28.4 degrees lunar phase.
Beyond the Hebrew year 7000, Tishrei will begin at progressively later lunar phases.