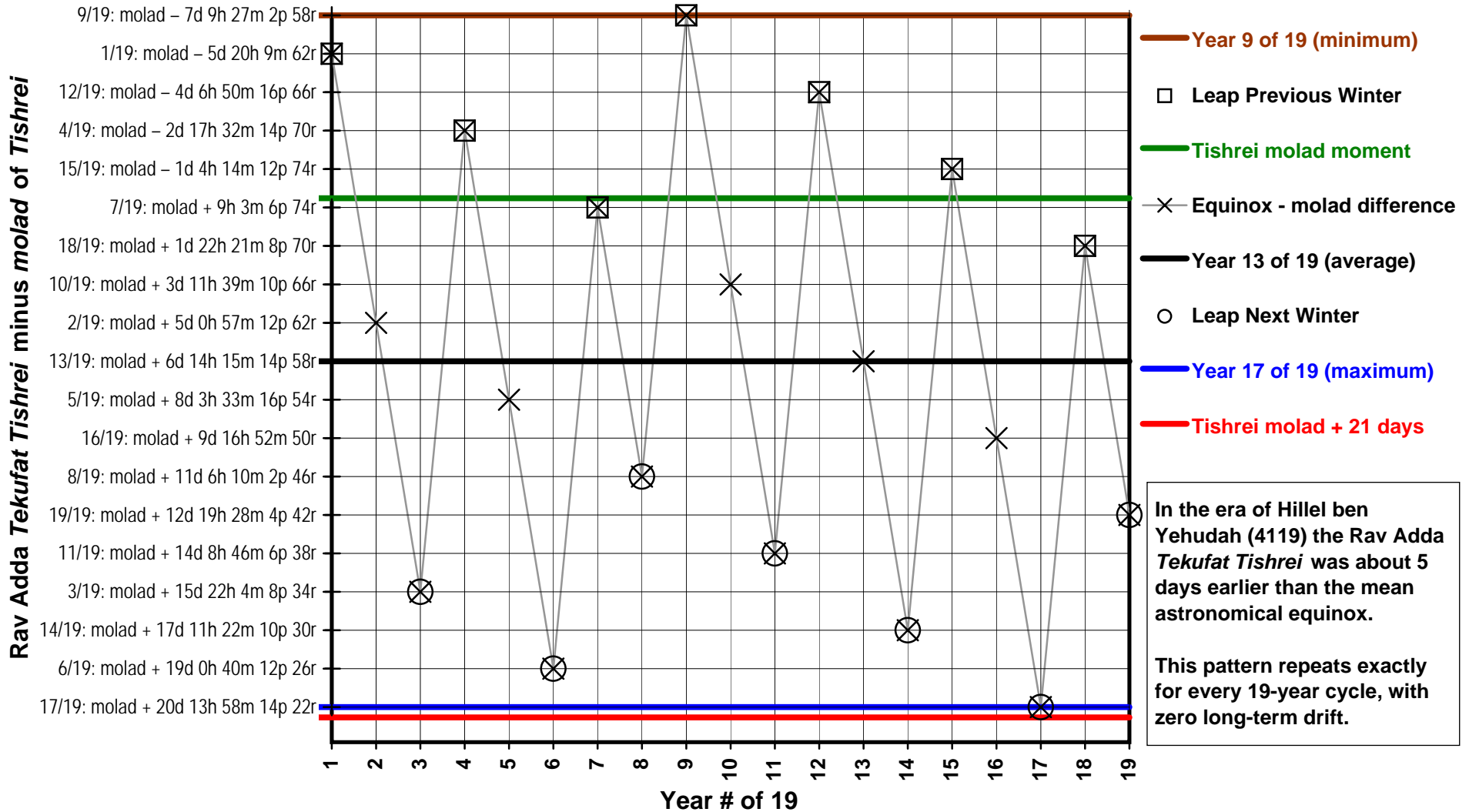


Rav Adda Tekufat Tishrei (Autumn Equinox) minus molad of Tishrei

Hebrew Calendar mean year = Tekufat Adda mean year = Traditional Molad interval x 235 months / 19 years
 = 365 days 5 hours 55 minutes 7 parts 48 regaim [part= $\frac{10}{3}$ seconds, rega= $\frac{\text{part}}{76}$]



Exact vertical interval = $\frac{1}{19}$ molad interval = $1 + \frac{272953}{492480}$ days = 1 day 13 hours 18 minutes 1 part 72 regaim .

Year 1 of 19 to year 16 of 19 maximum = exactly $\frac{10}{19}$ of a molad interval = closest fraction to $\frac{1}{2}$ molad interval.