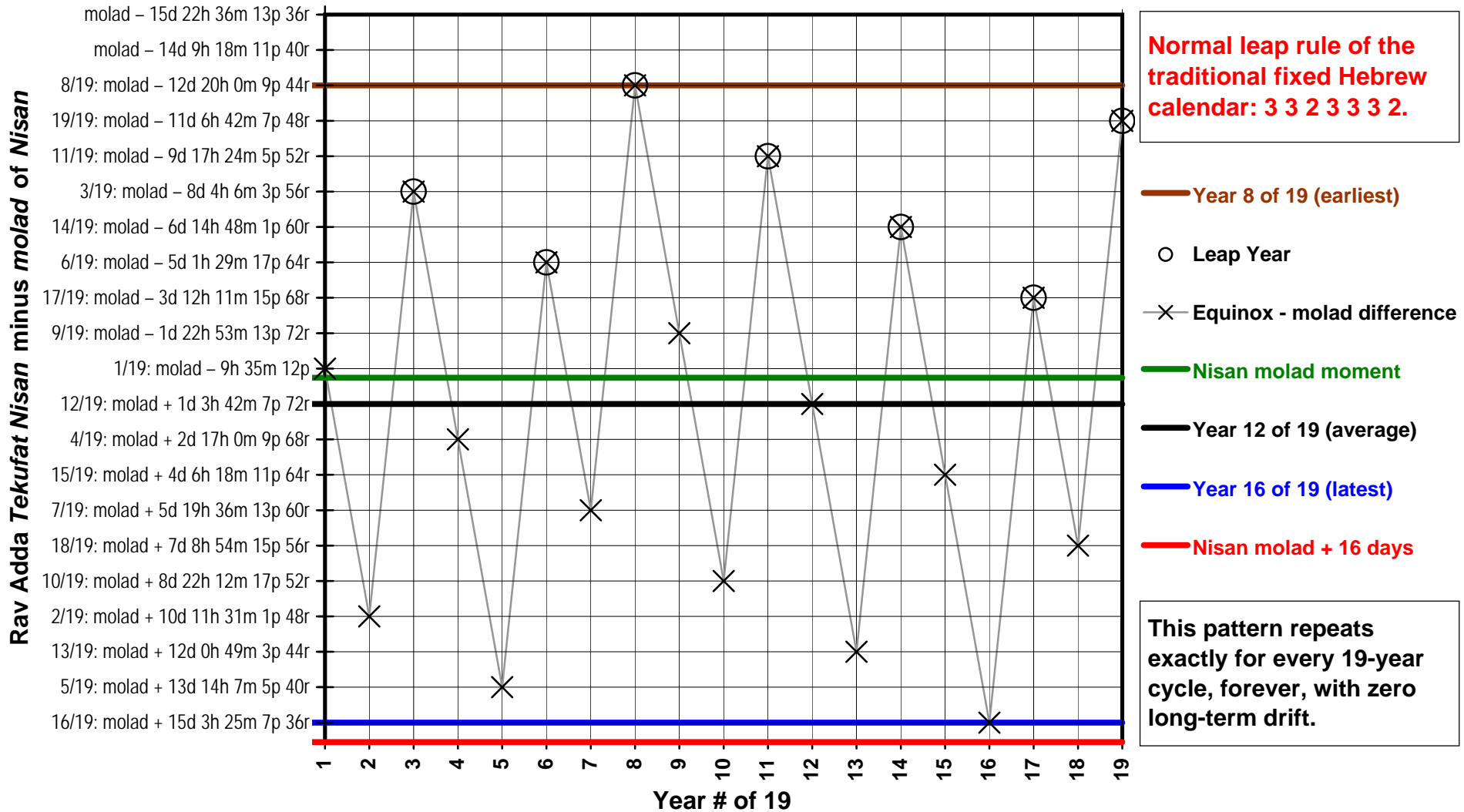


# Rav Adda Tekufat Nisan (Spring Equinox) minus molad of Nisan

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.