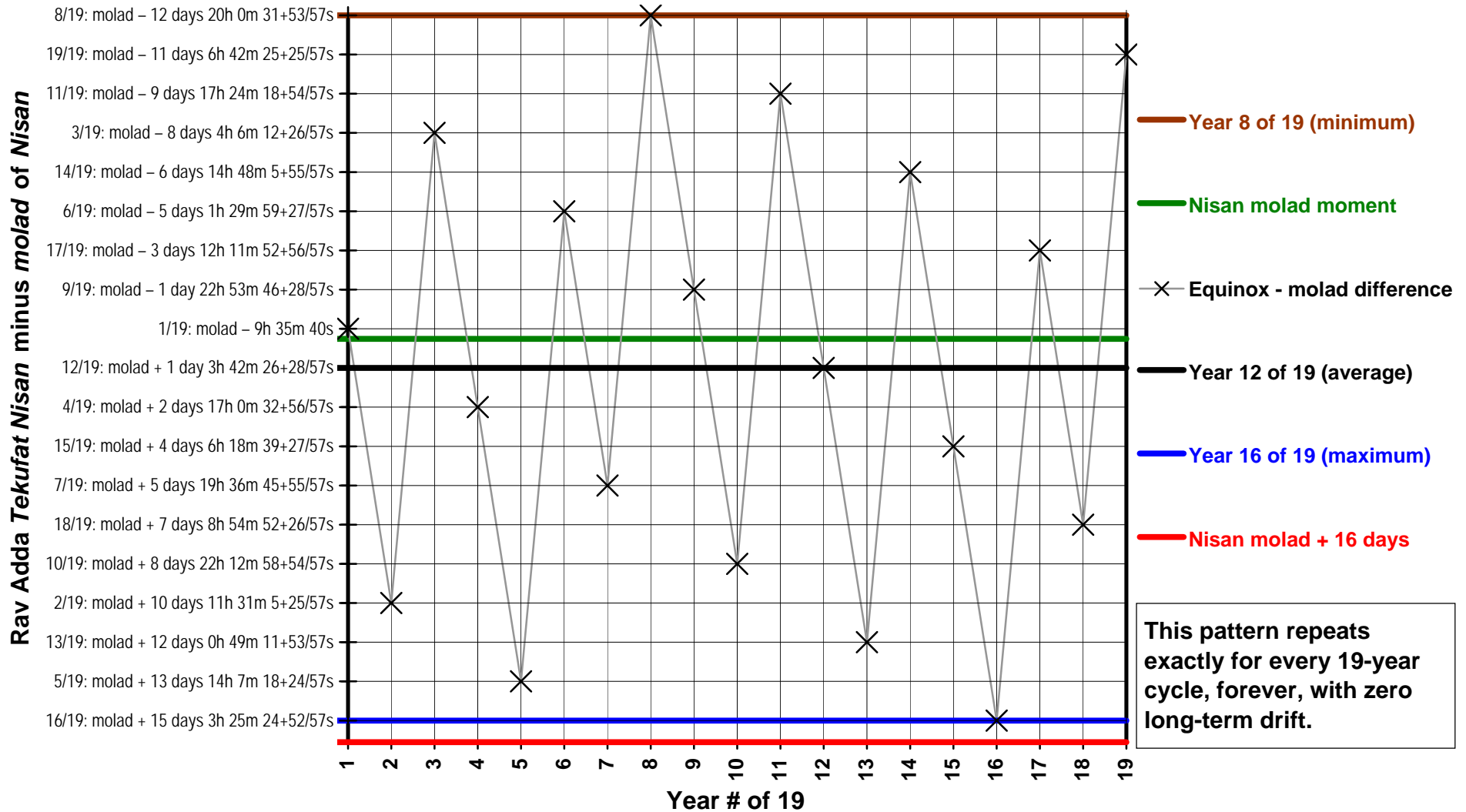


# Rav Adda Tekufat Nisan (Spring Equinox) minus *molad* of Nisan

Hebrew Calendar mean year = *Tekufat Adda* mean year = Traditional *Molad* interval x 235 months / 19 years  
 = 365 days 5 hours 55 minutes and  $(25+^{25}_{57}$  seconds or  $7+^{12}_{19}$  *chalakim*)



Exact vertical interval =  $1/_{19}$  *molad* interval =  $1+^{272953}_{492480}$  days = 1 day 13h 18m and  $(6+^{28}_{57}$ s or  $1+^{18}_{19}$  *chalakim*).

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