



**Traditional Molad Period = 29 days 12 hours 793 parts = 29 days 12 hours 44 minutes 1 part = 29.53059414 days.**  
**Mean Synodic Month (Reingold & Dershowitz) = 29.5305885 days.** [one part = 3 1/3 seconds]  
**Apparent Mean Synodic Month at present = 29.53058752 solar days = 0.57 seconds shorter than Molad.**  
**Apparent Mean Synodic Month is getting shorter at the average rate of 0.33 mean solar seconds per 1000 years.**  
**Astronomical Mean Synodic Month (Meeus) = 29 days 12 hours 44 minutes = 29.5305556 days (1 part shorter than Molad).**

Revised by Dr. Irv Bromberg, University of Toronto, 26 September 2004 <<http://individual.utoronto.ca/kalendis/>>. Calendar & astronomy calculations as per "Calendrical Calculations: The Millennium Edition", by Edward Reingold & Nachum Dershowitz, 2001. Astronomical calculations upgraded per "Astronomical Algorithms", by Jean Meeus, 2nd edition, 1998.