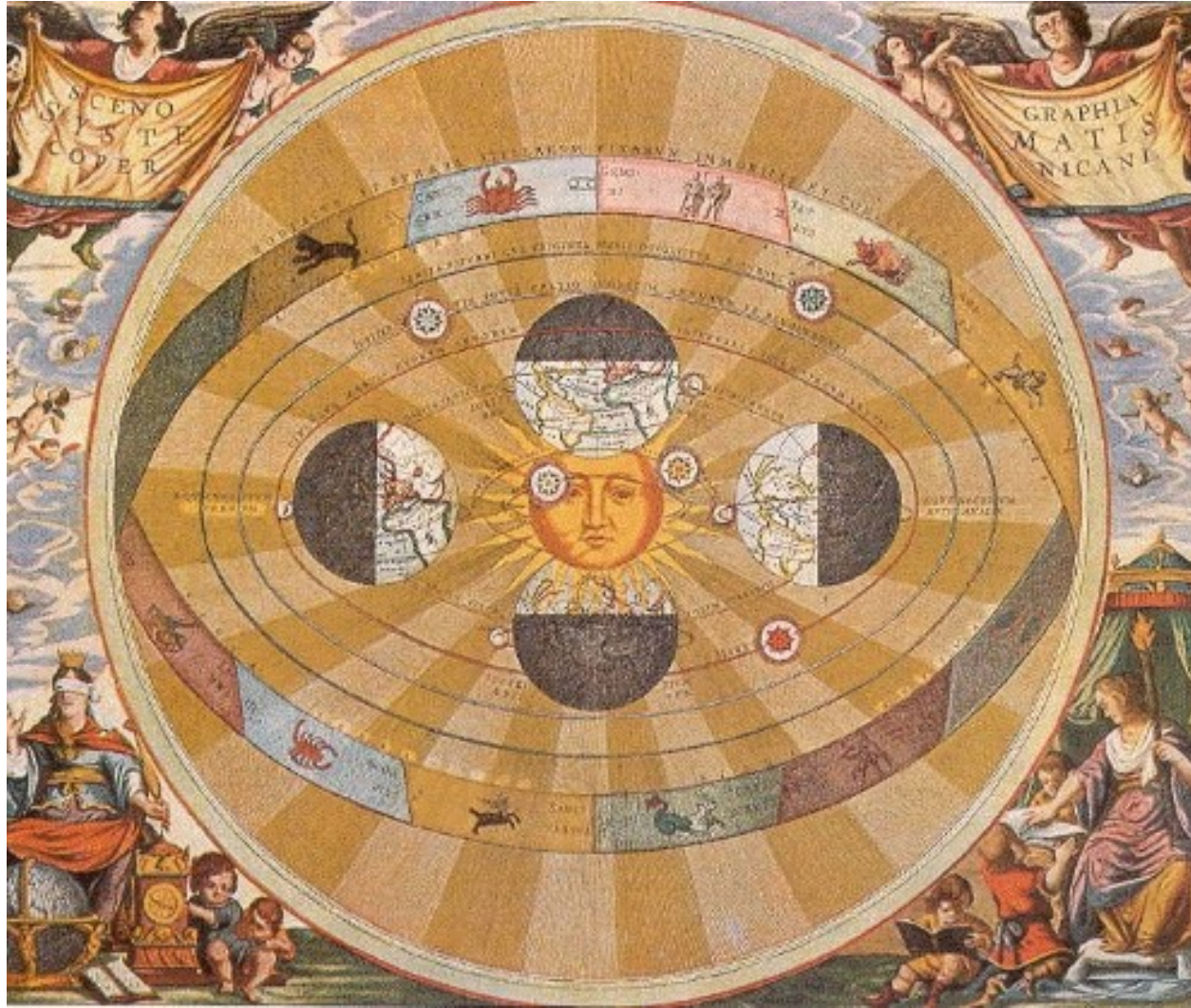


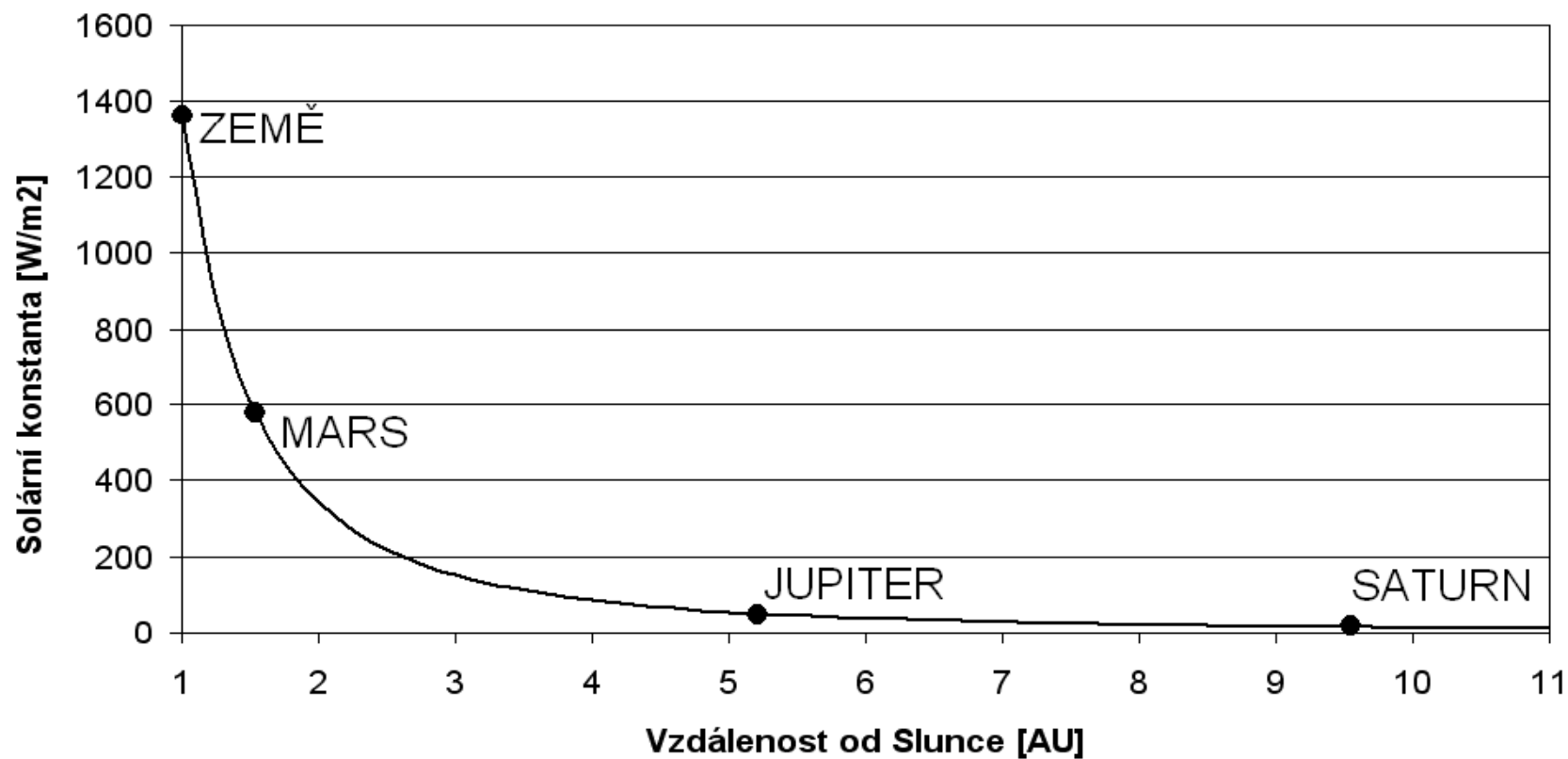
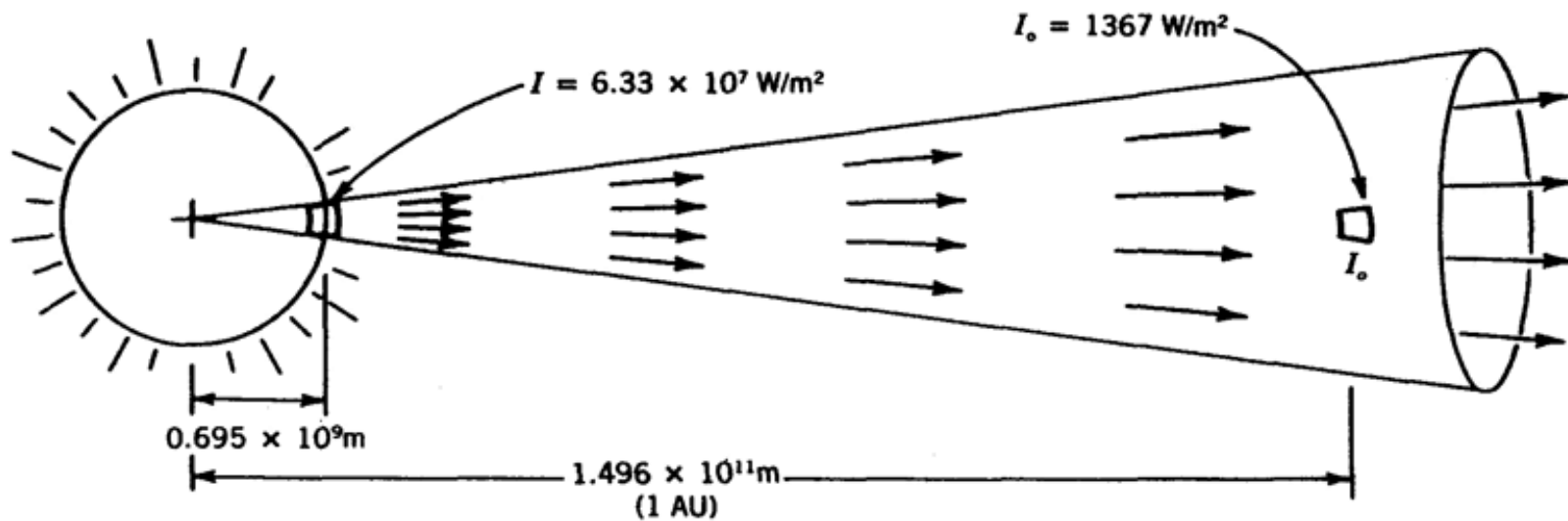
Vnější klimatotvorné faktory Země

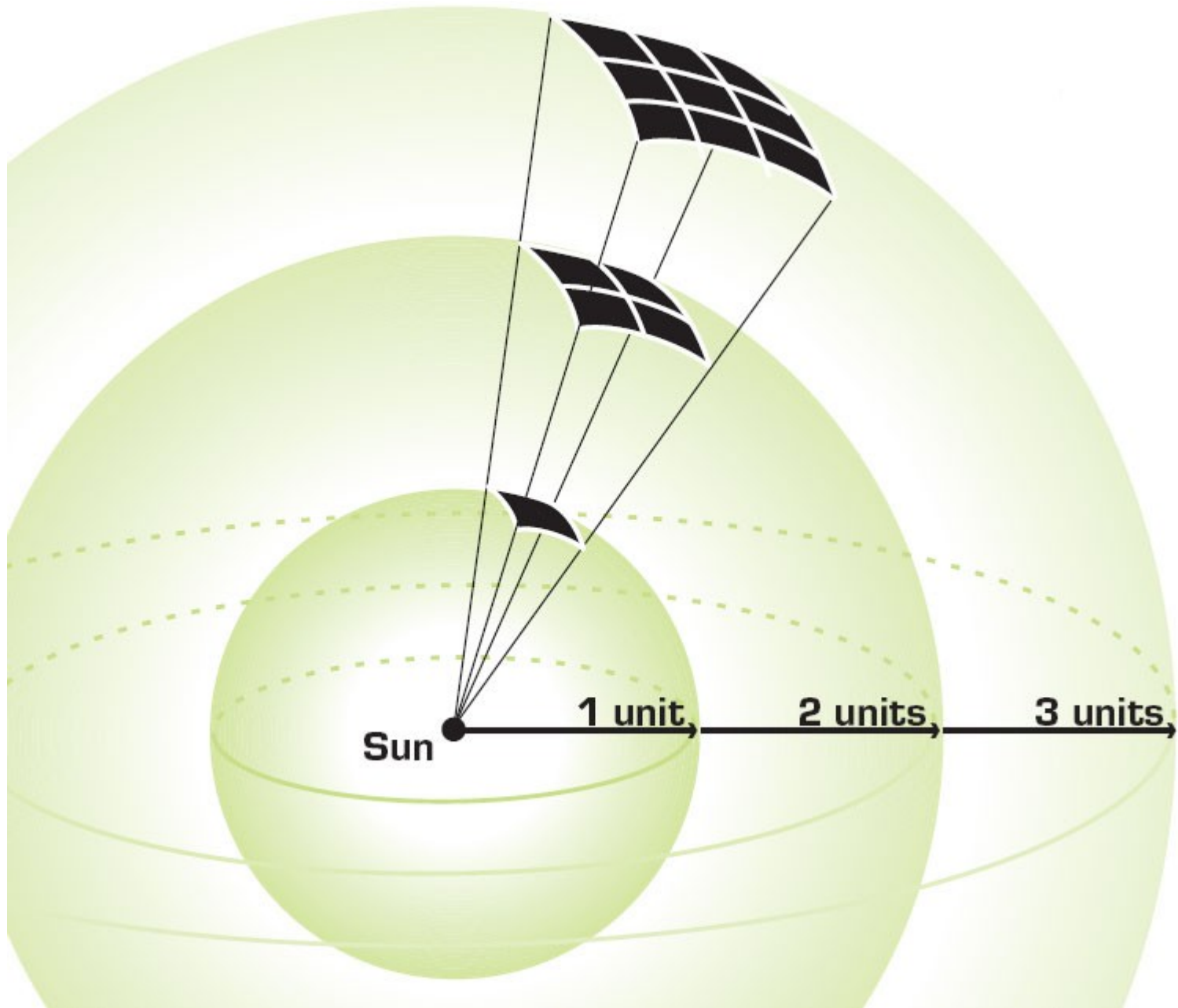


Co je příčinou střídání ročních období?

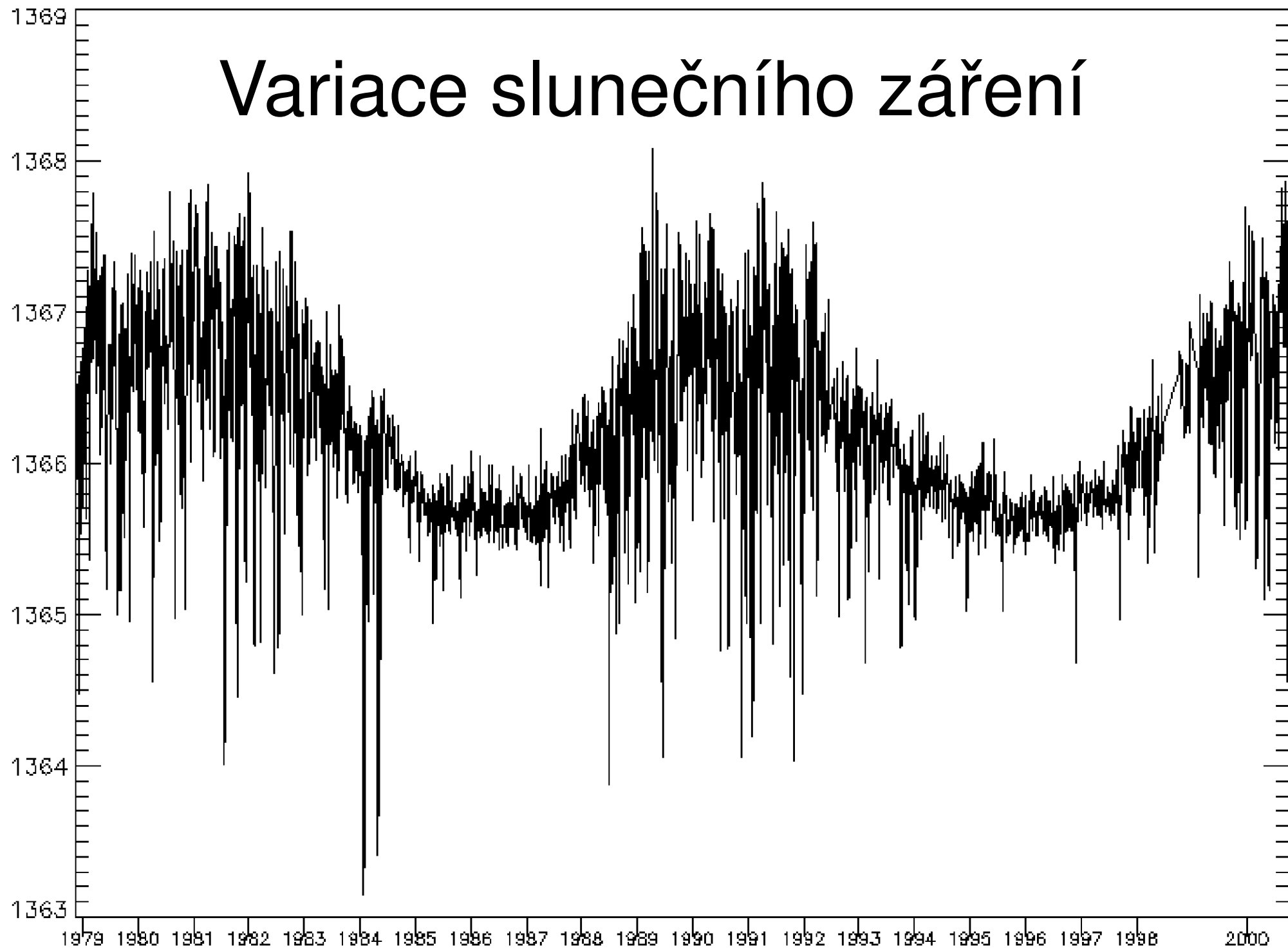


http://esminfo.prenhall.com/science/geoanimations/animations/01_EarthSun_E2.html

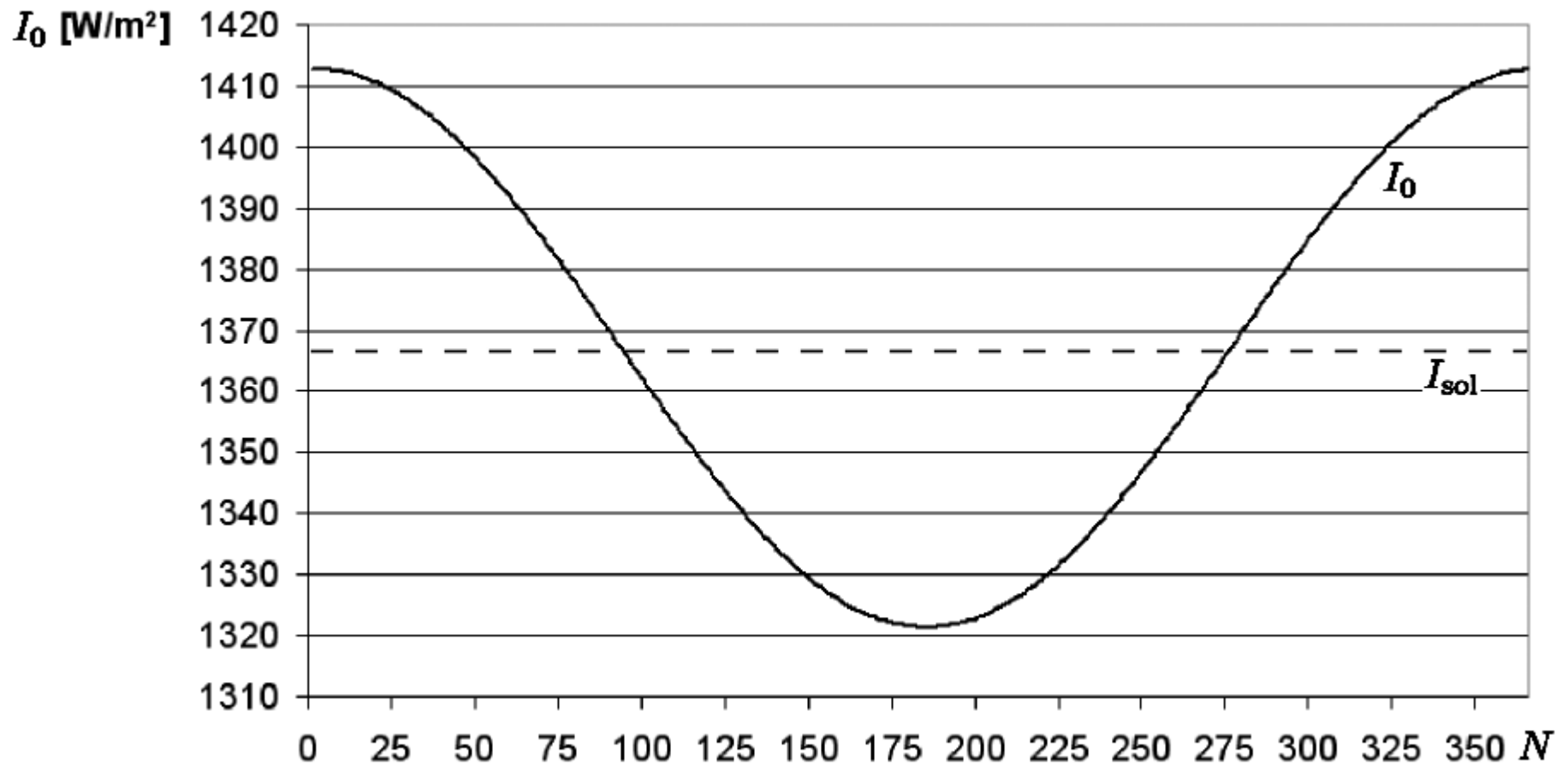




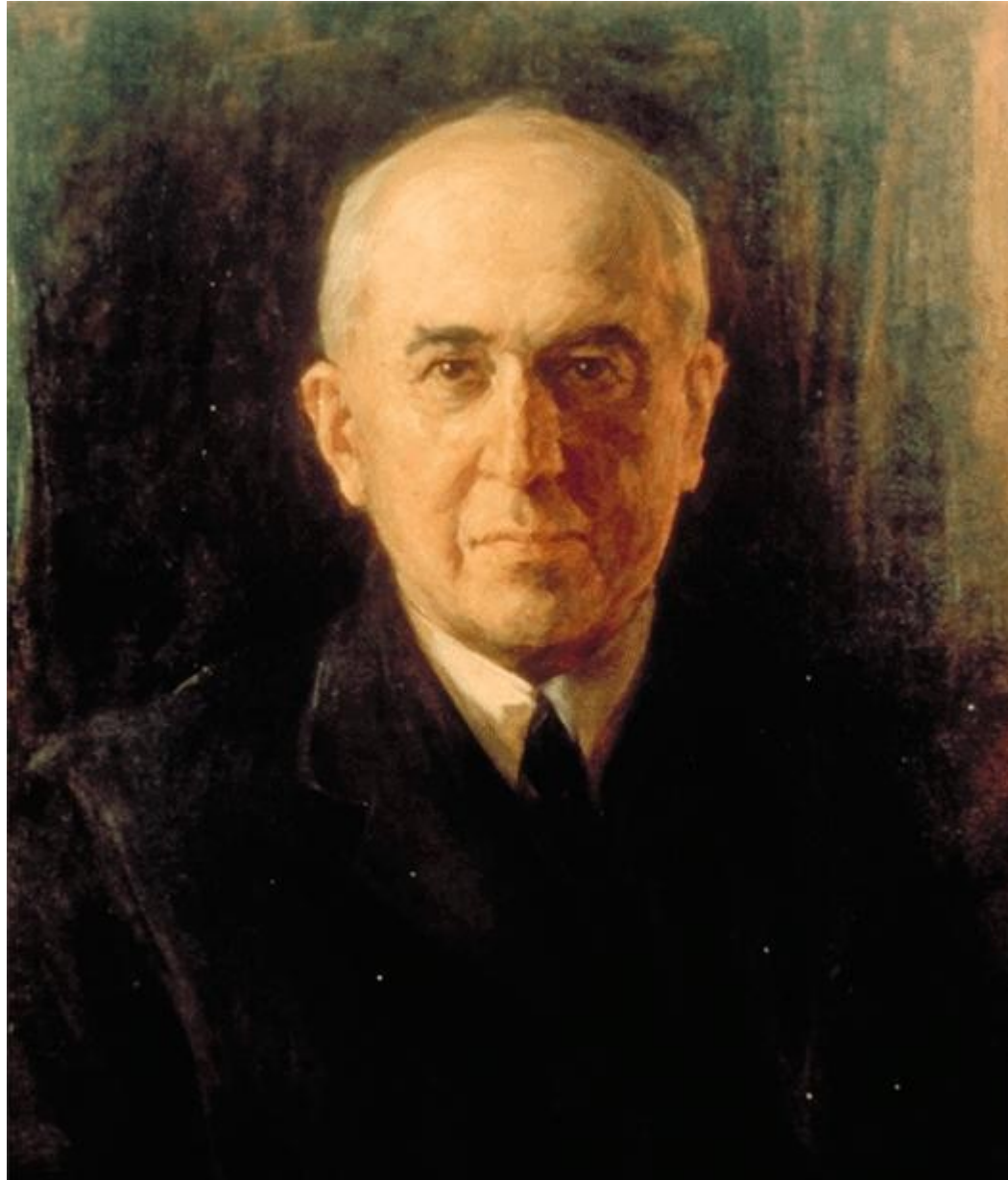
Variace slunečního záření



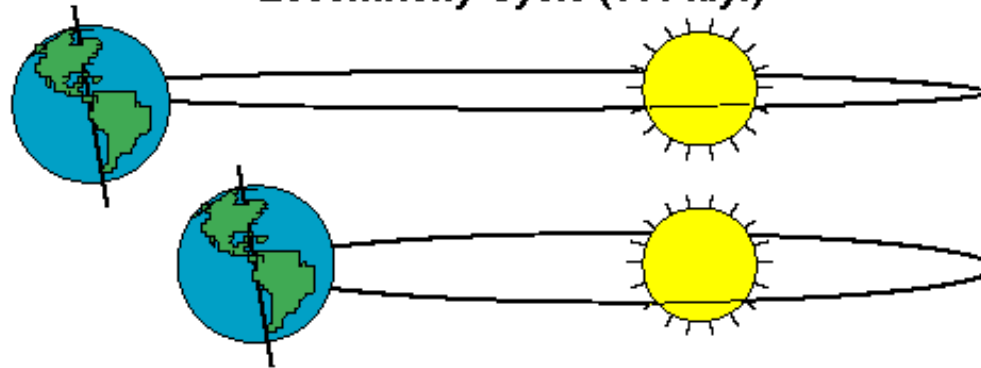
Variace intenzity extraterestrického slunečního záření během roku vlivem proměnné vzdálenosti Země – Slunce



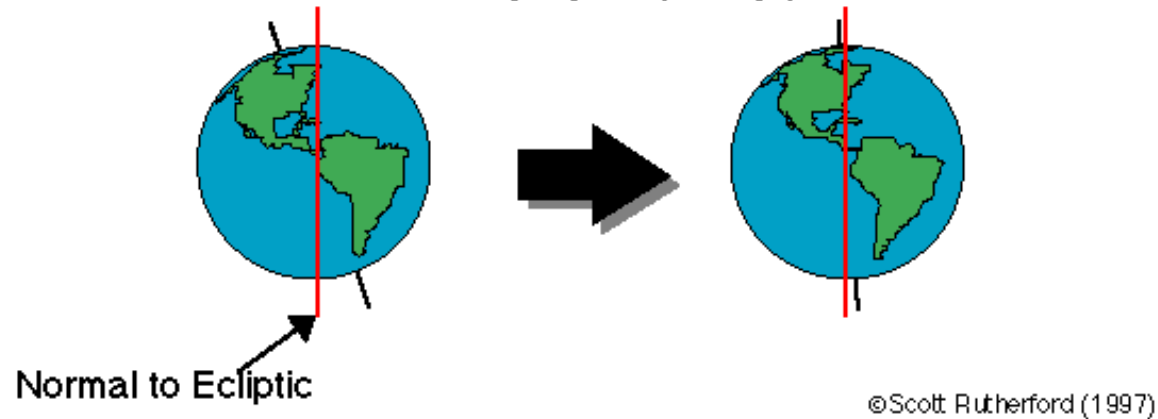
1. Milankovitchova teorie



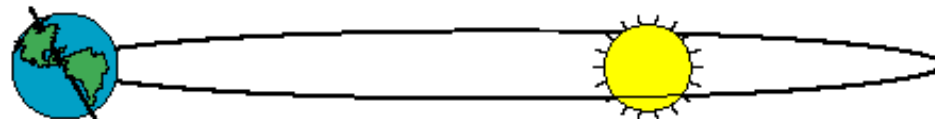
Eccentricity Cycle (100 k.y.)



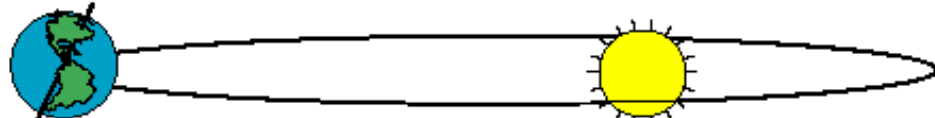
Obliquity Cycle (41 k.y.)



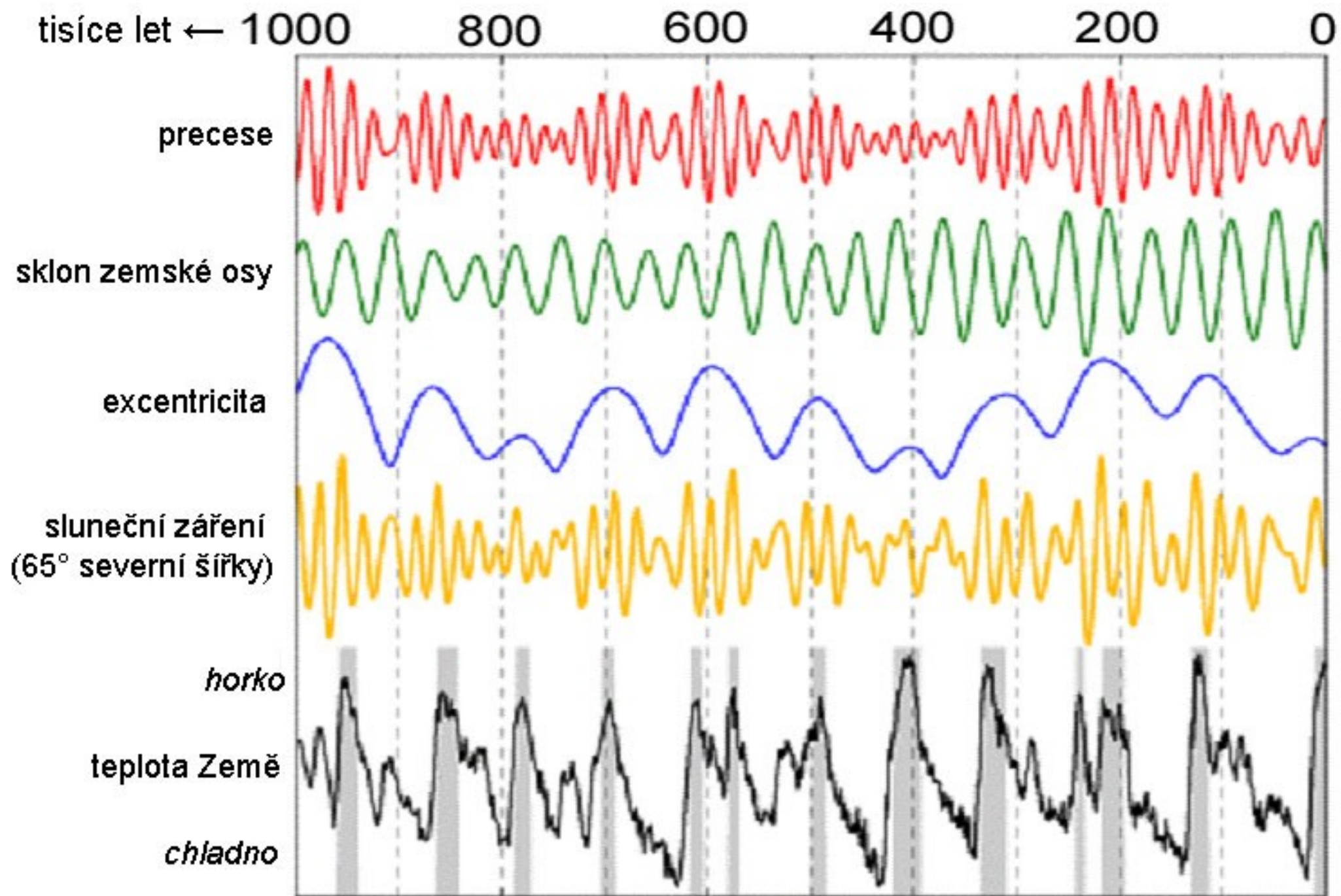
Precession of the Equinoxes (19 and 23 k.y.)

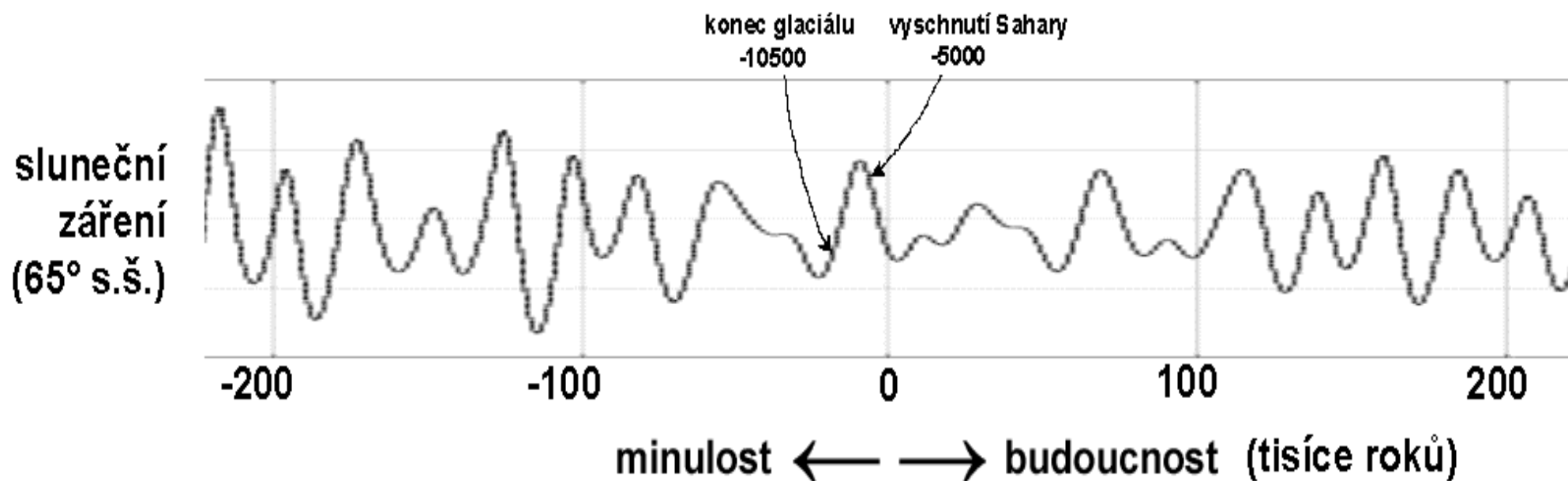
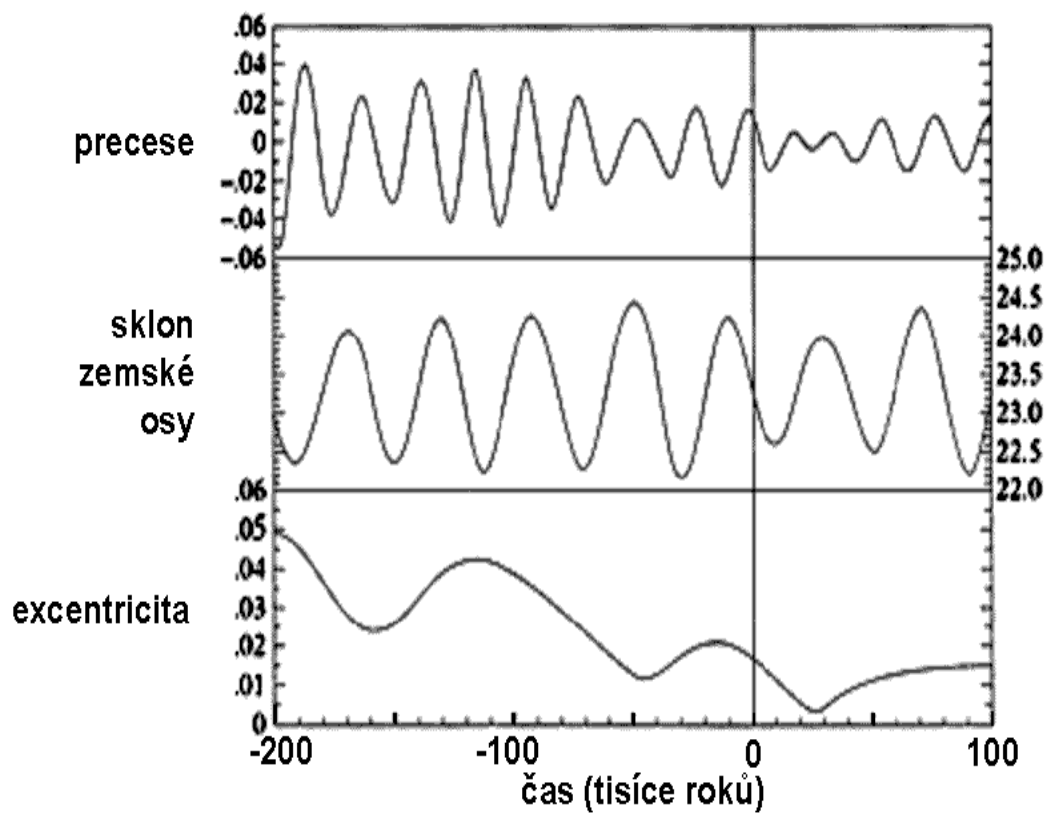


Northern Hemisphere tilted away from the sun at aphelion.

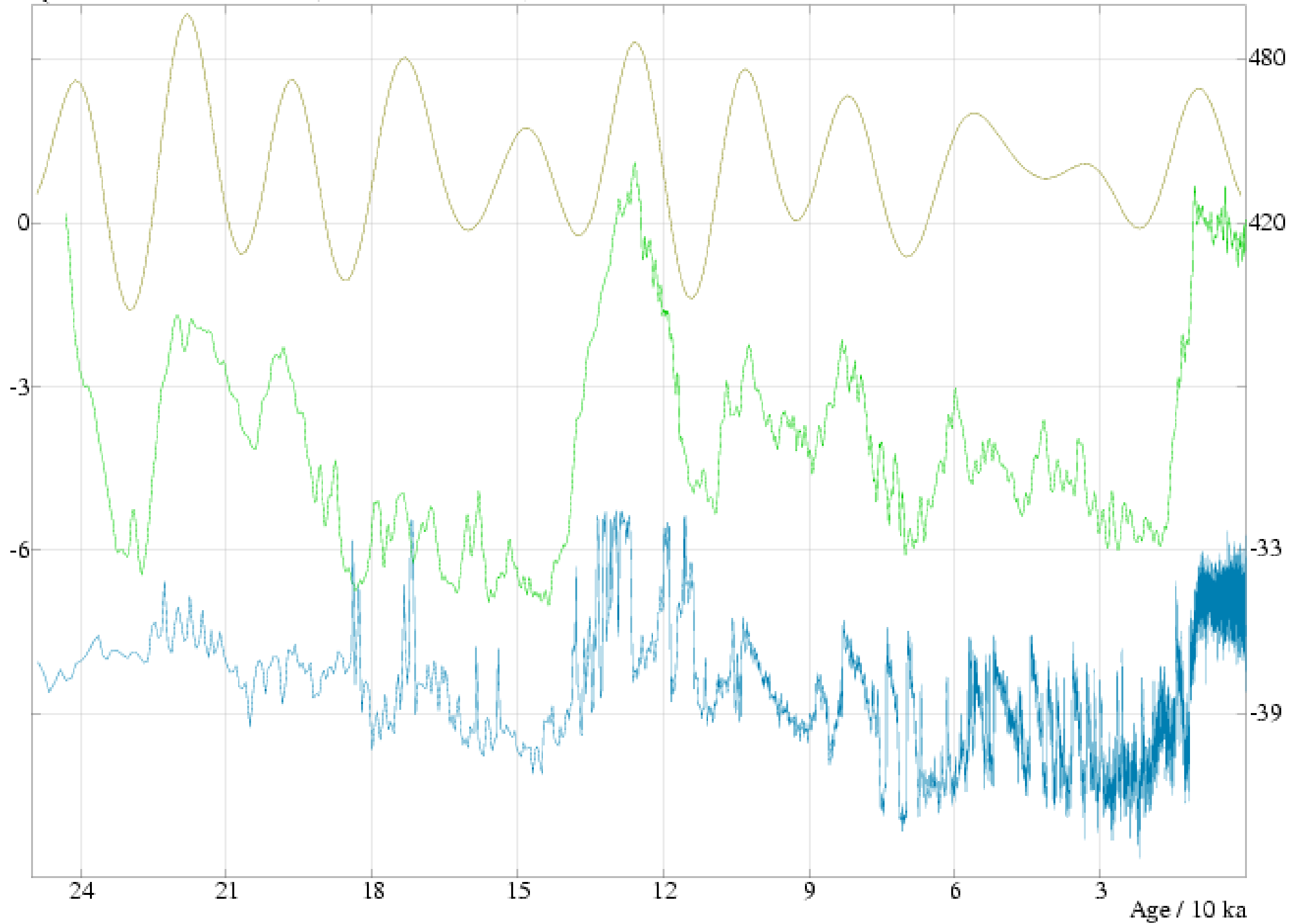


Northern hemisphere tilted toward the sun at aphelion.

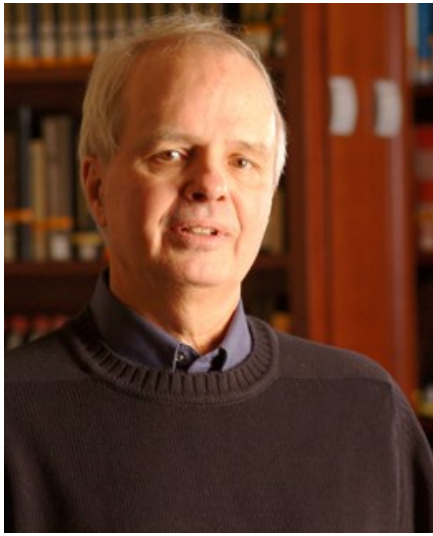




TOP: mid-July mean insolation of 65N latitude / W.m-2, BOTTOM: GRIP O18 data temperature - that in 1990 / K (middle, Vostok data)







William
Ruddiman

