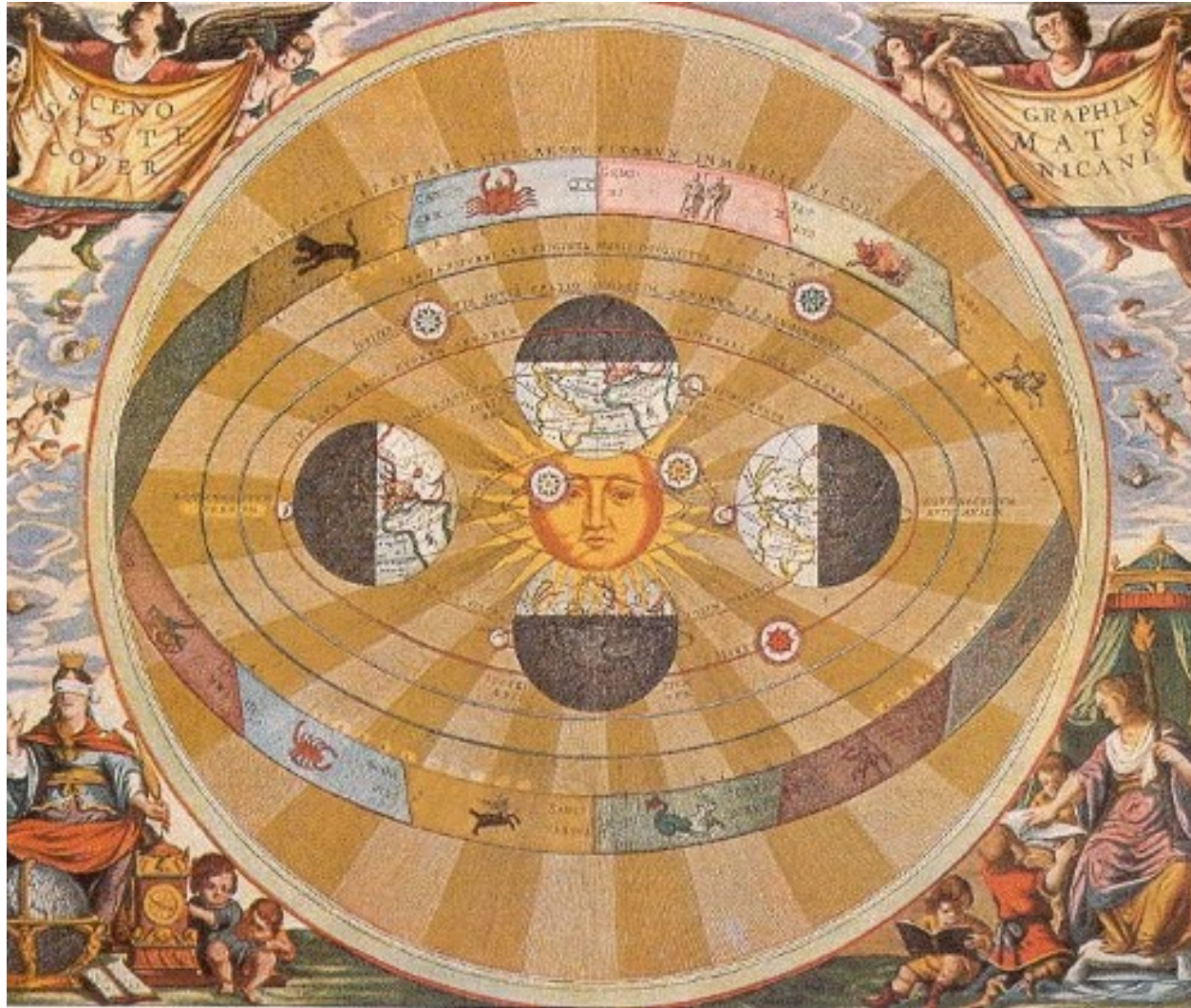


Vnější klimatotvorné faktory Země

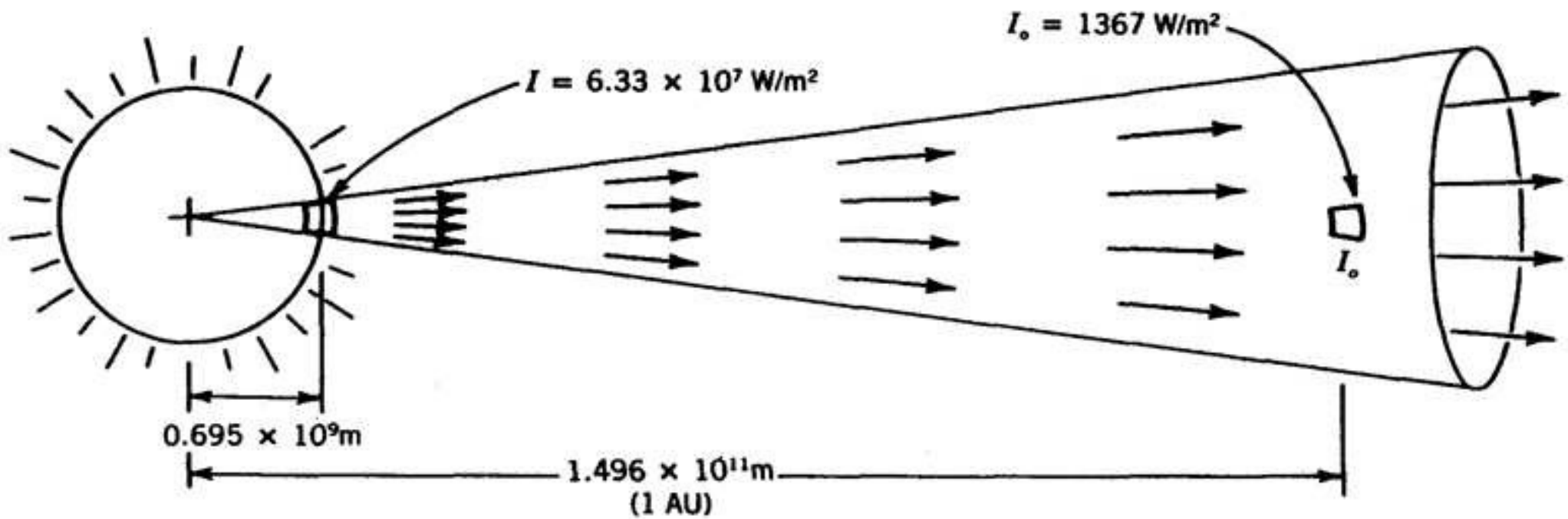


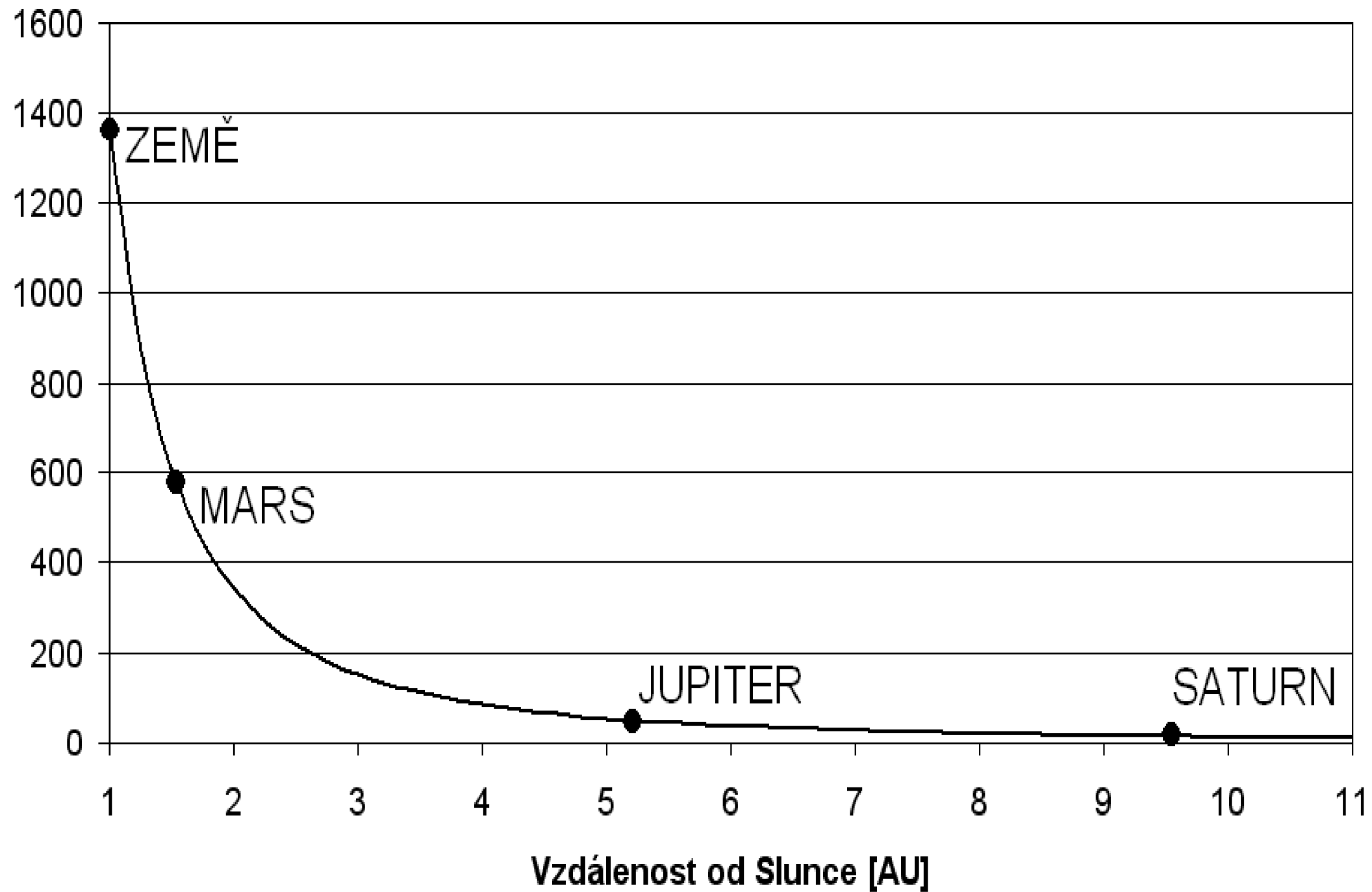
Co je příčinou střídání ročních období?



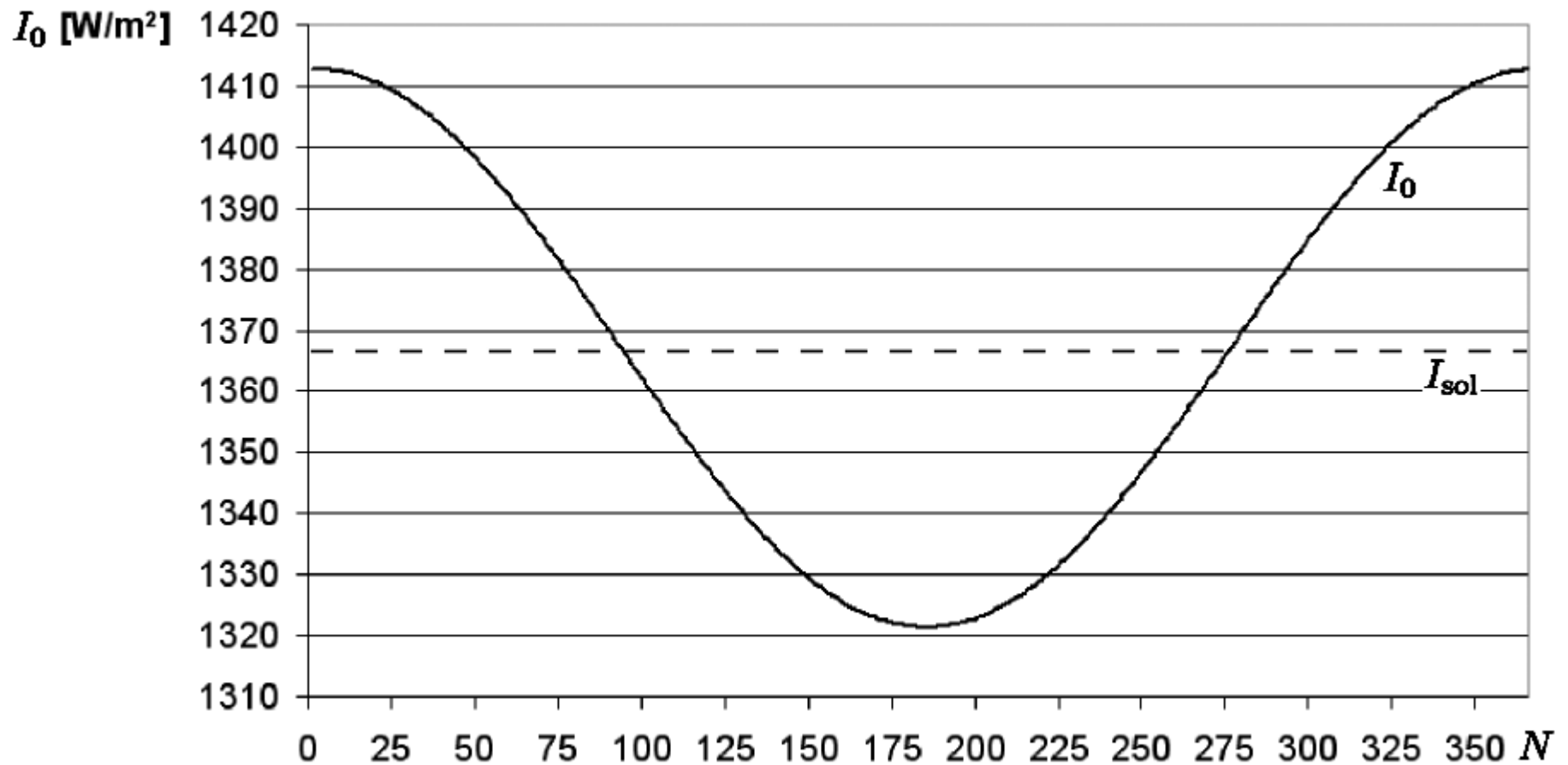
http://esminfo.prenhall.com/science/geoanimations/animations/01_EarthSun_E2.html

Solární konstanta

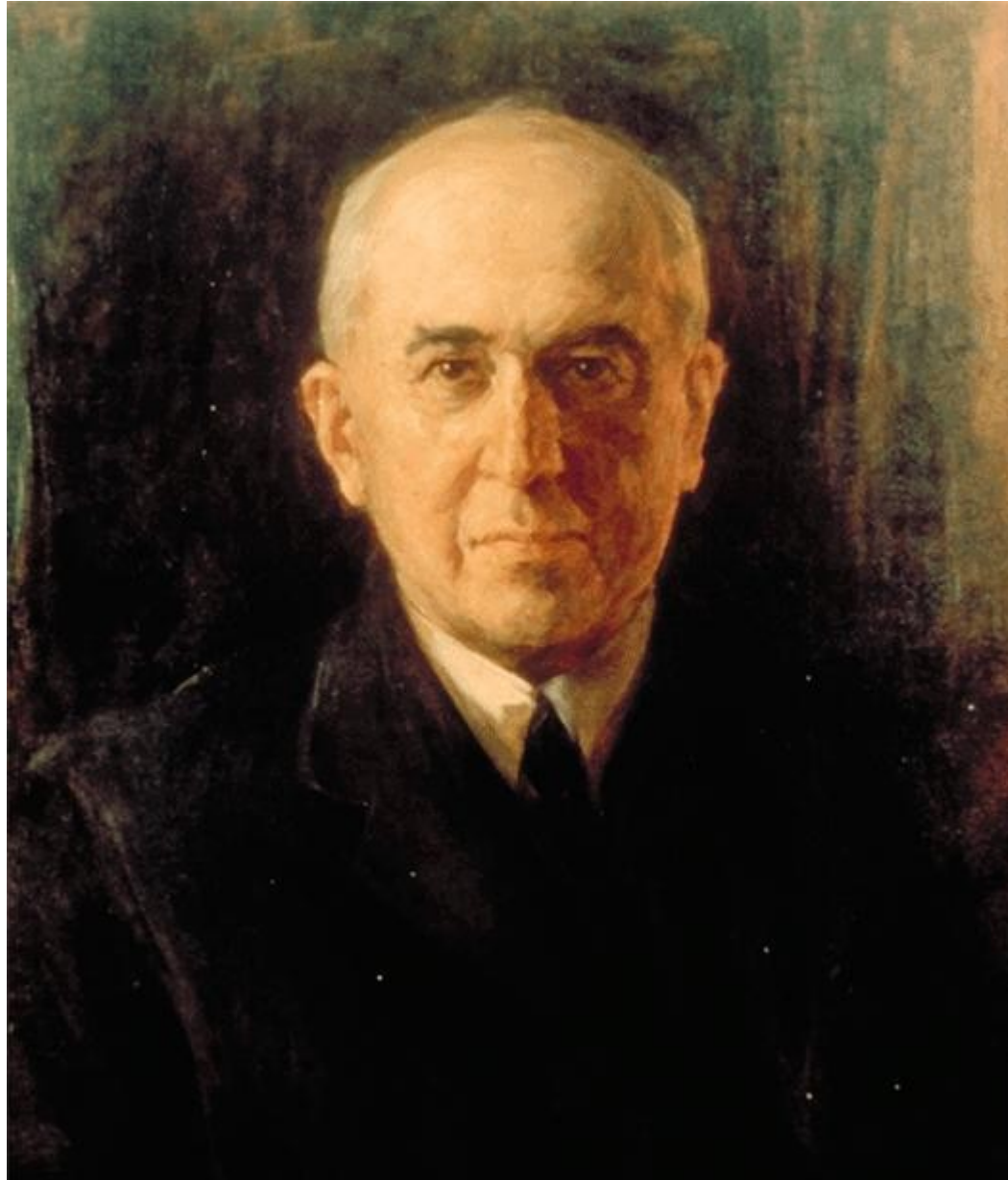




Variace intenzity extraterestrického slunečního záření během roku vlivem proměnné vzdálenosti Země – Slunce

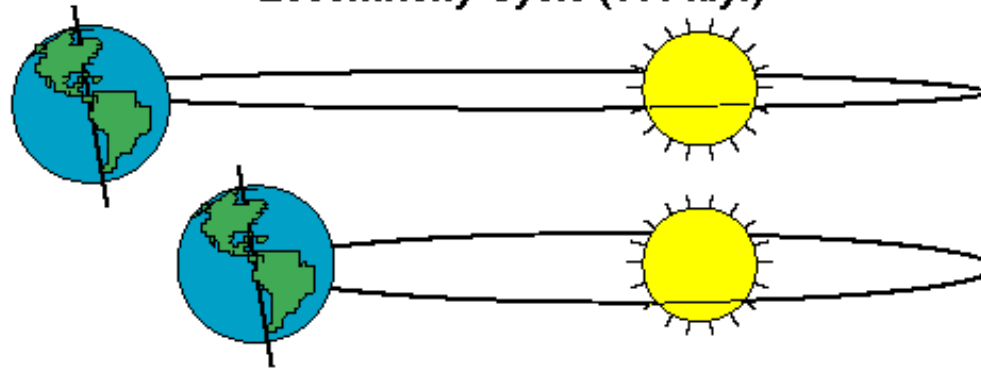


1. Milankovitchova teorie

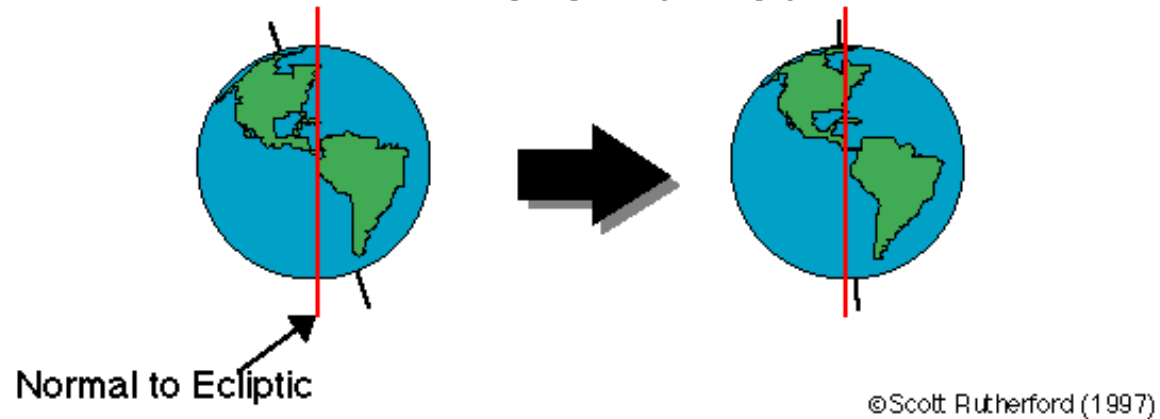




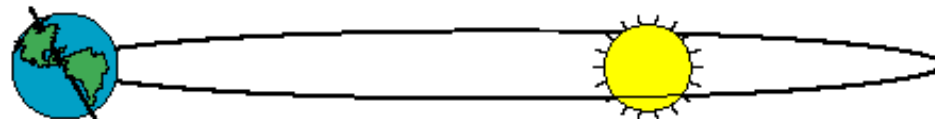
Eccentricity Cycle (100 k.y.)



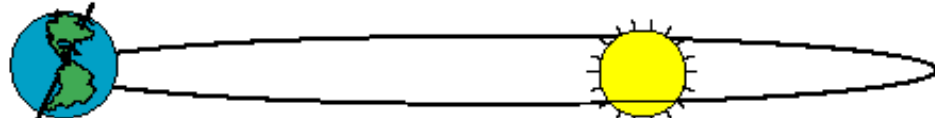
Obliquity Cycle (41 k.y.)



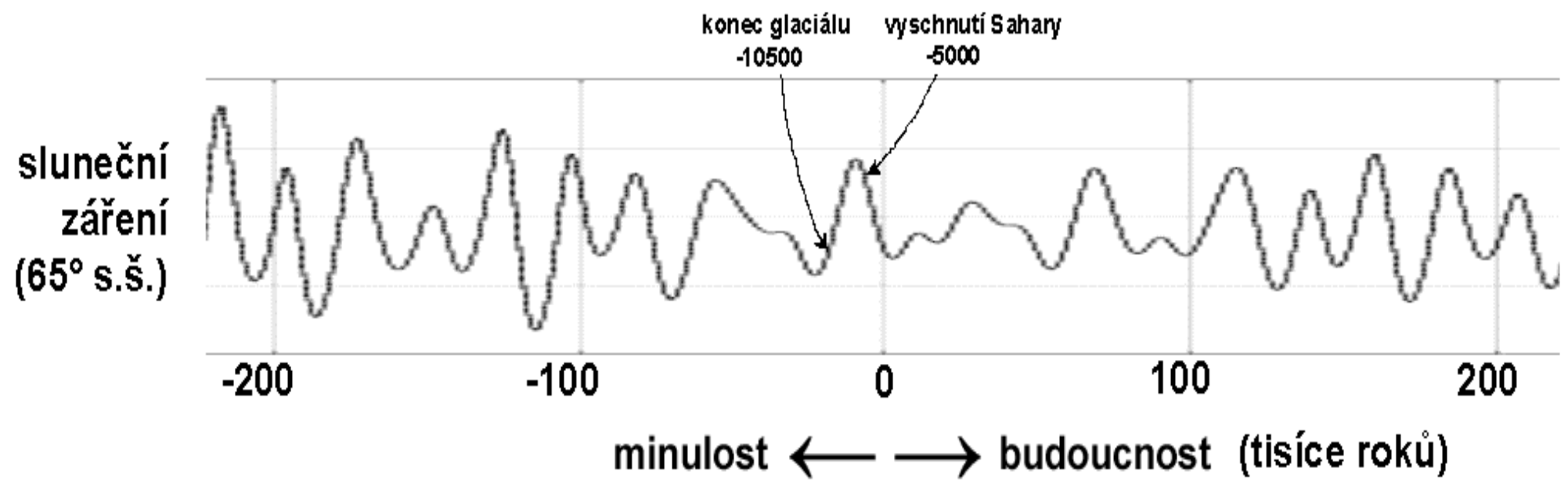
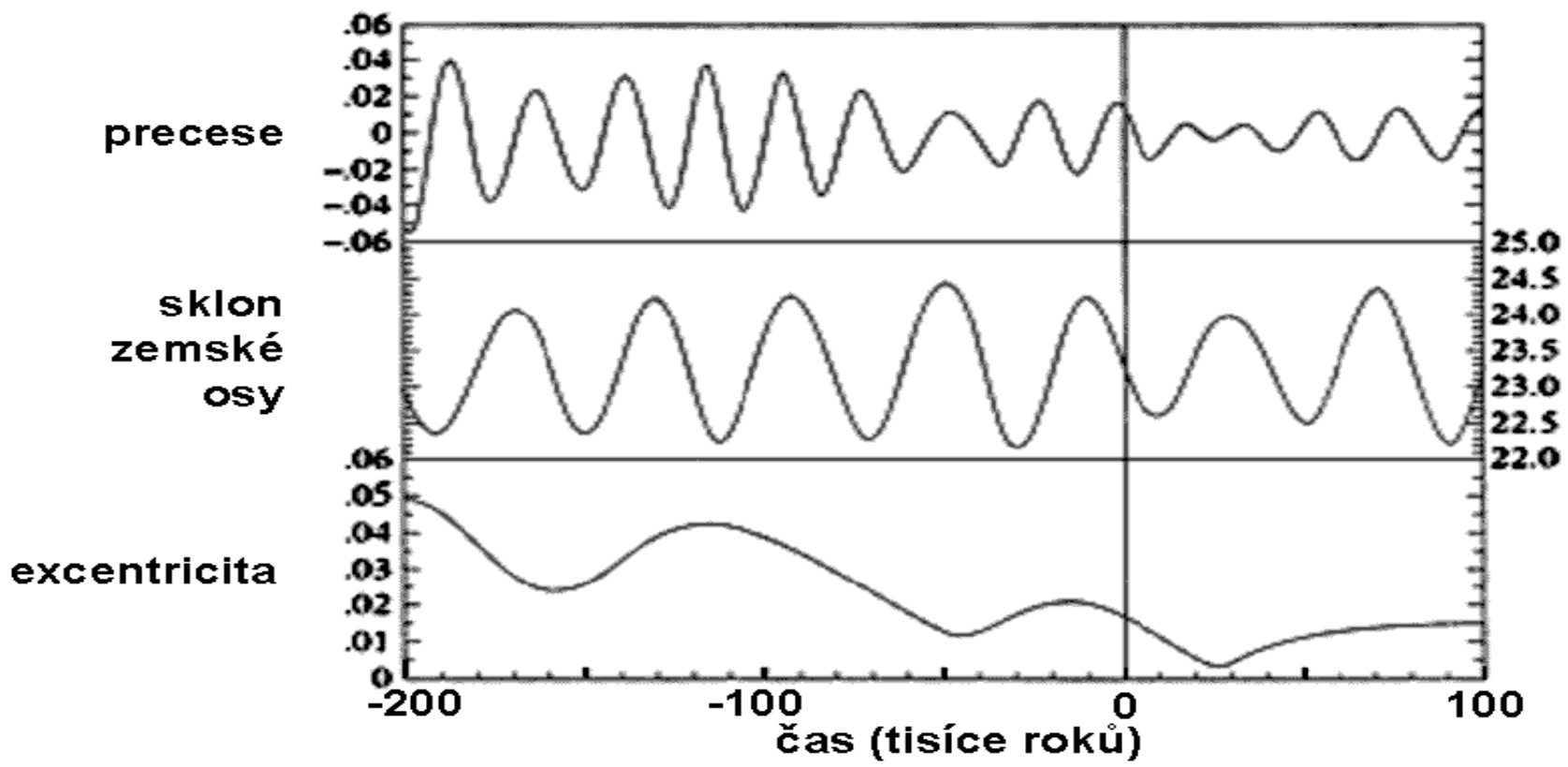
Precession of the Equinoxes (19 and 23 k.y.)

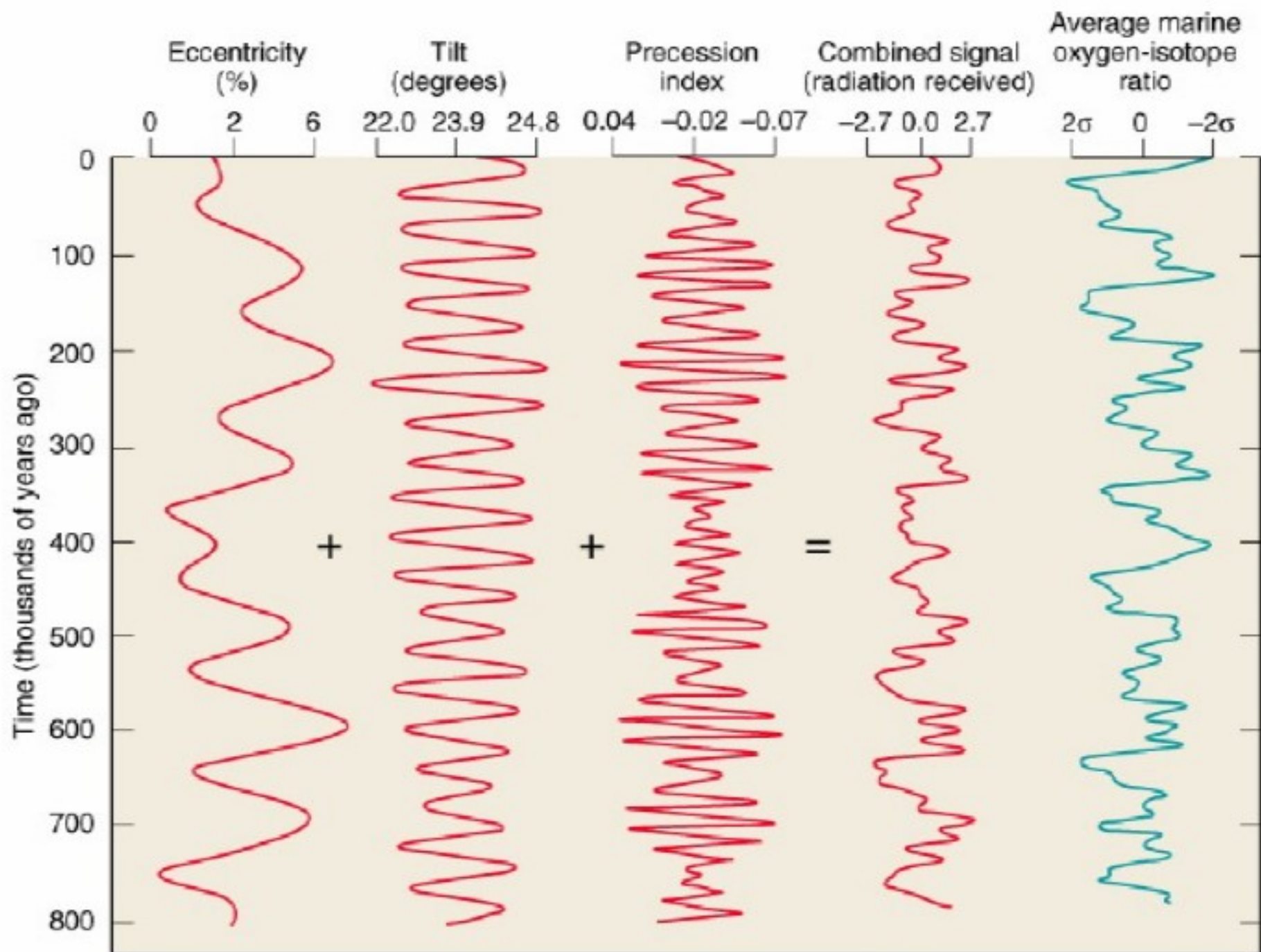


Northern Hemisphere tilted away from the sun at aphelion.

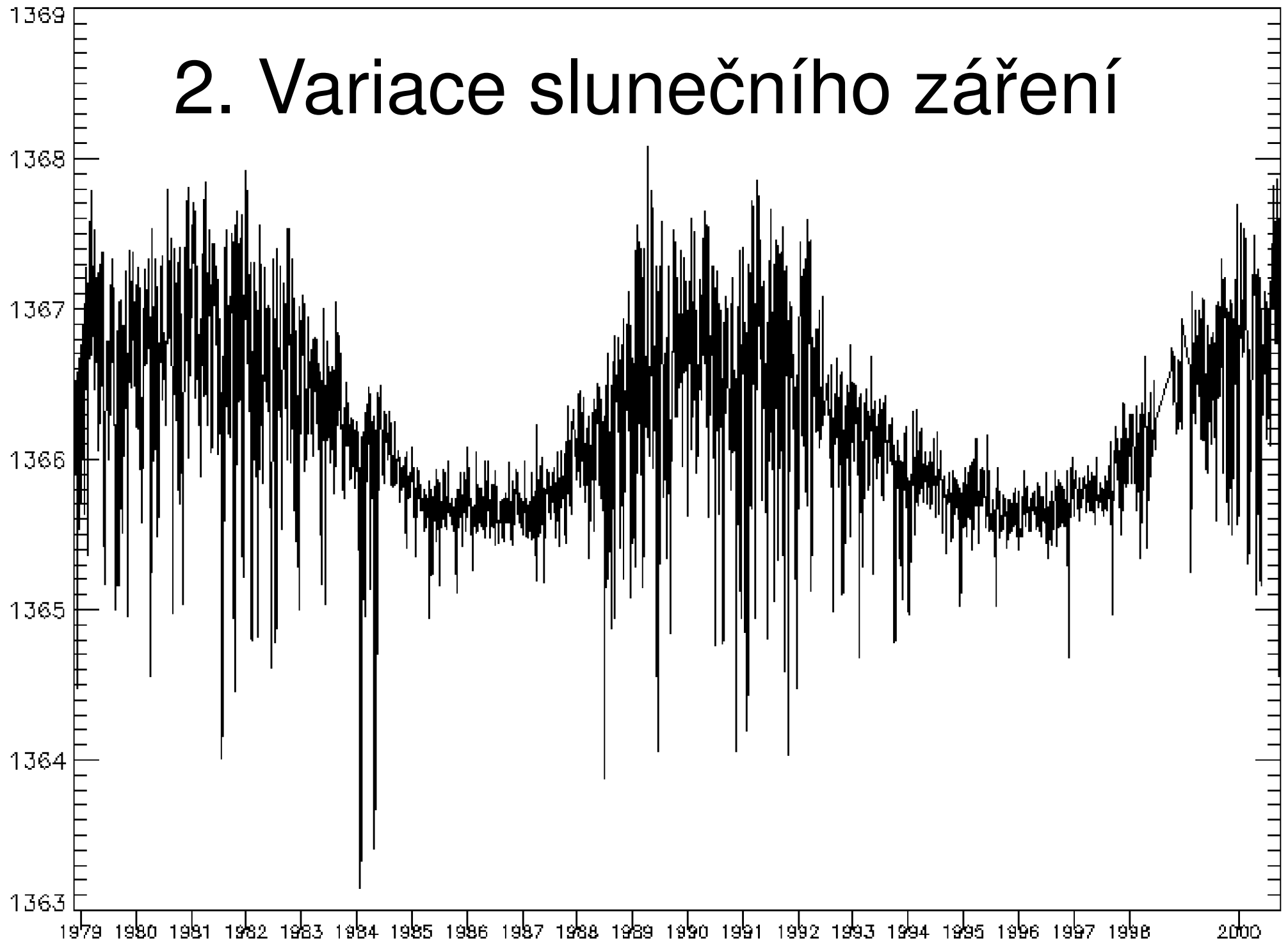


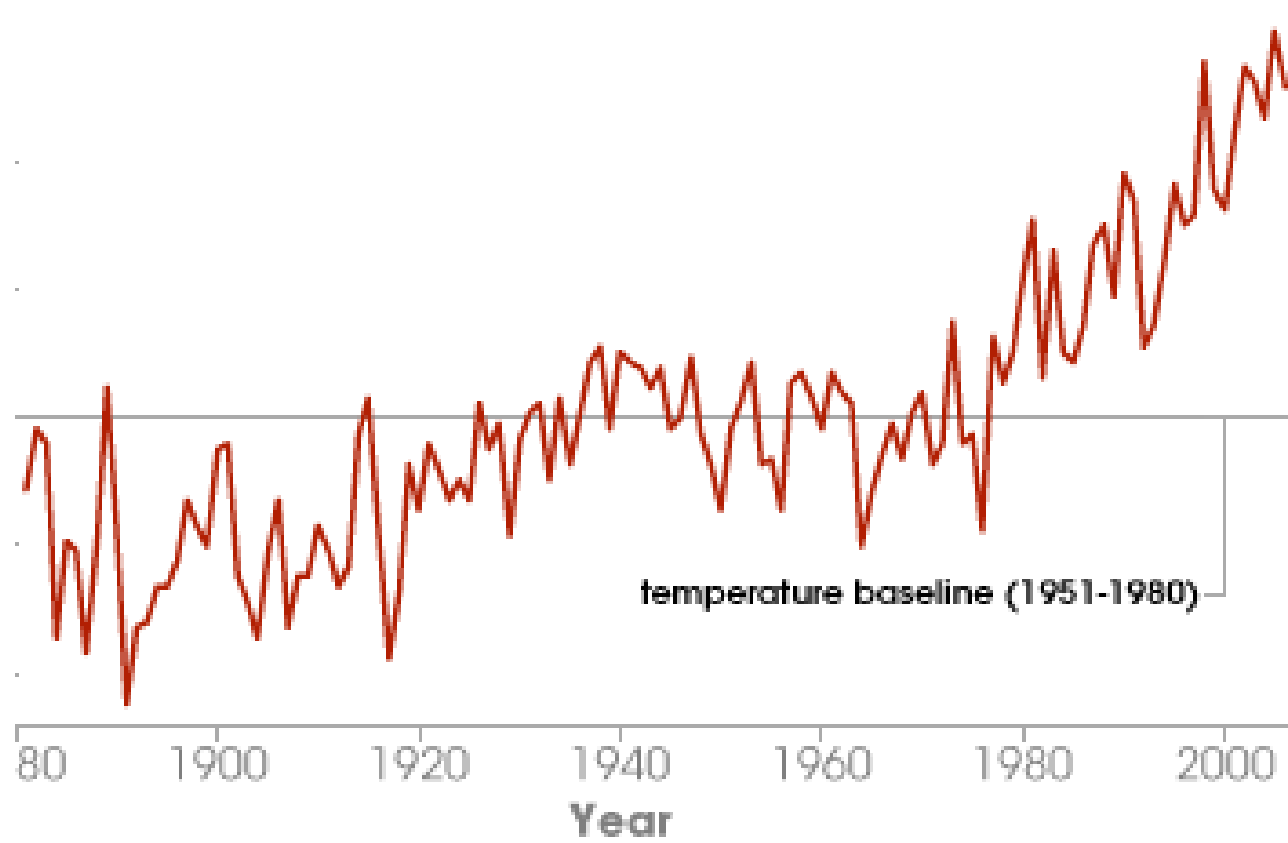
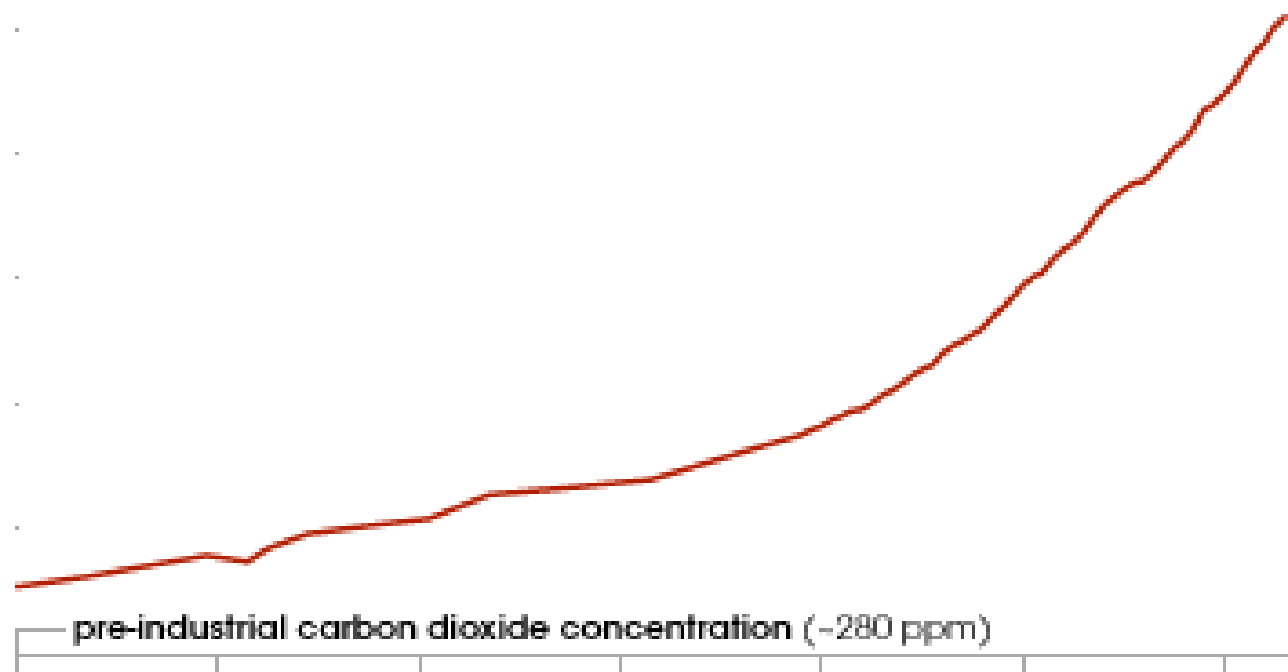
Northern hemisphere tilted toward the sun at aphelion.

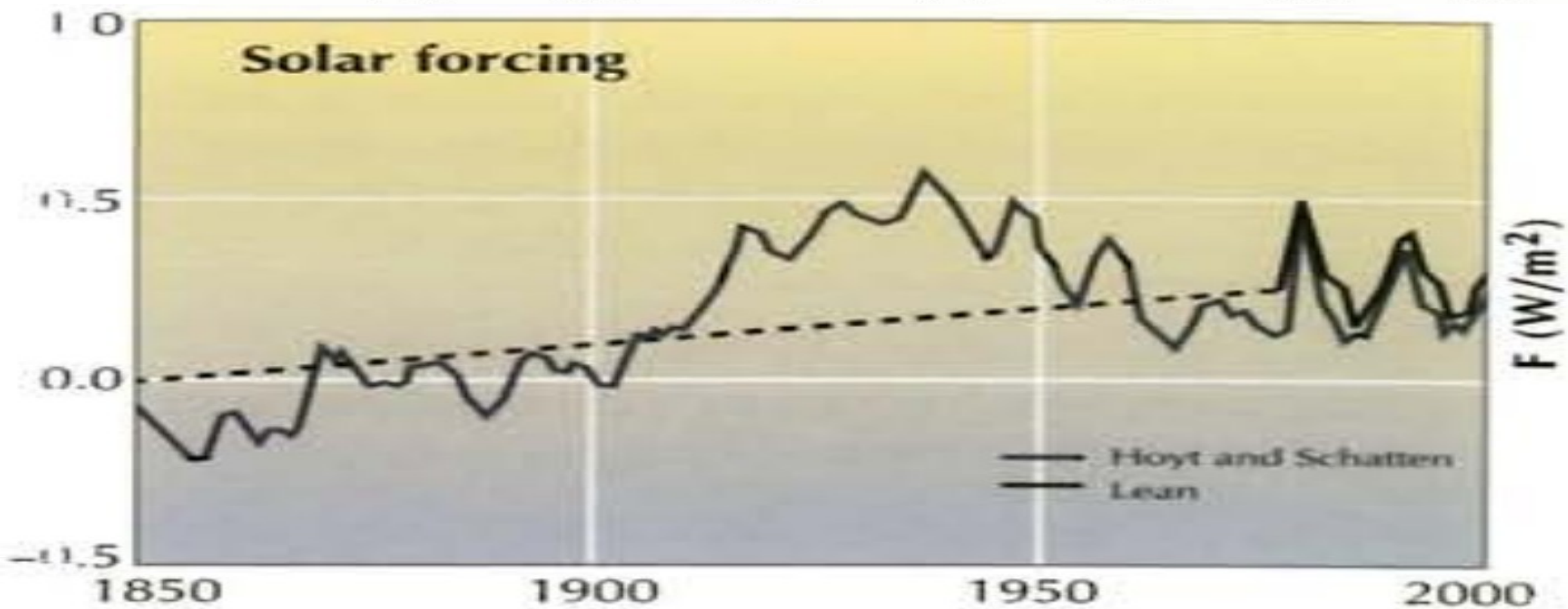
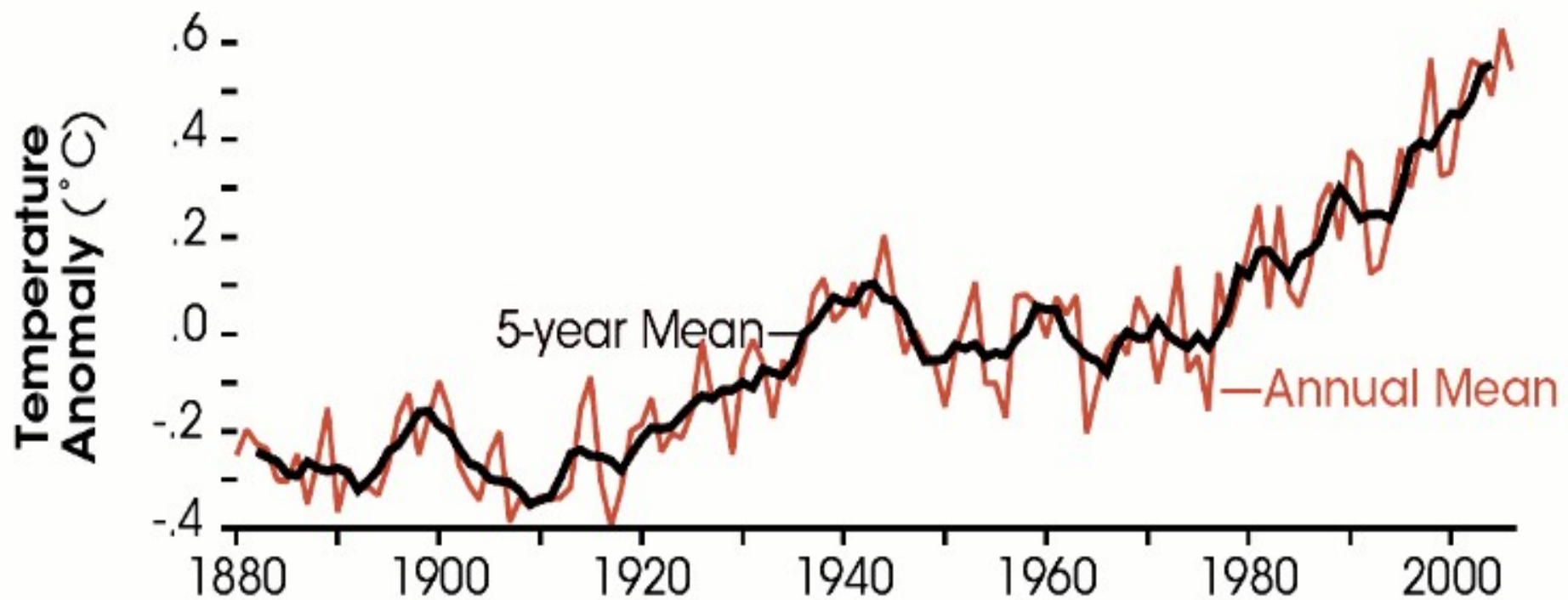




2. Variace slunečního záření



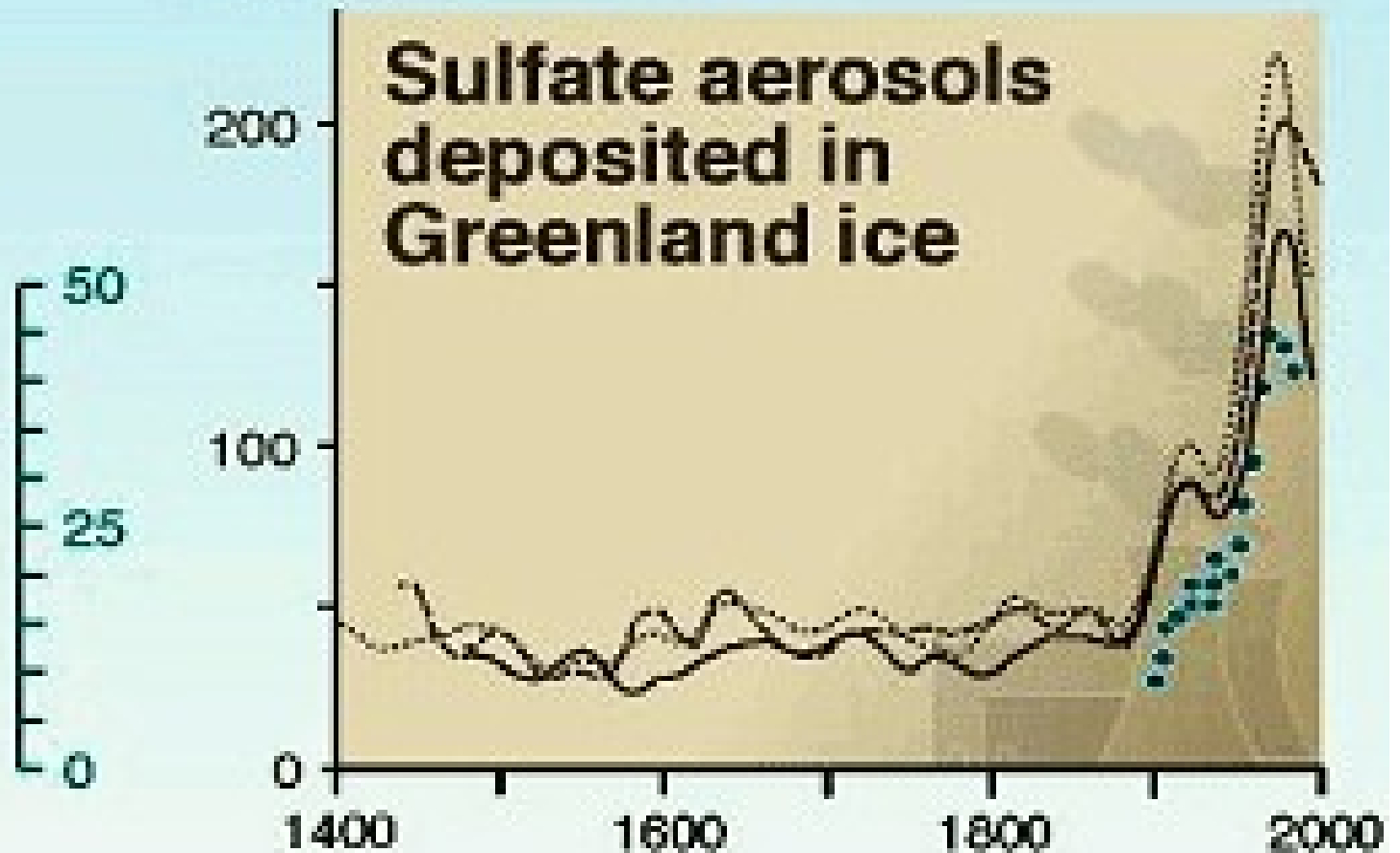




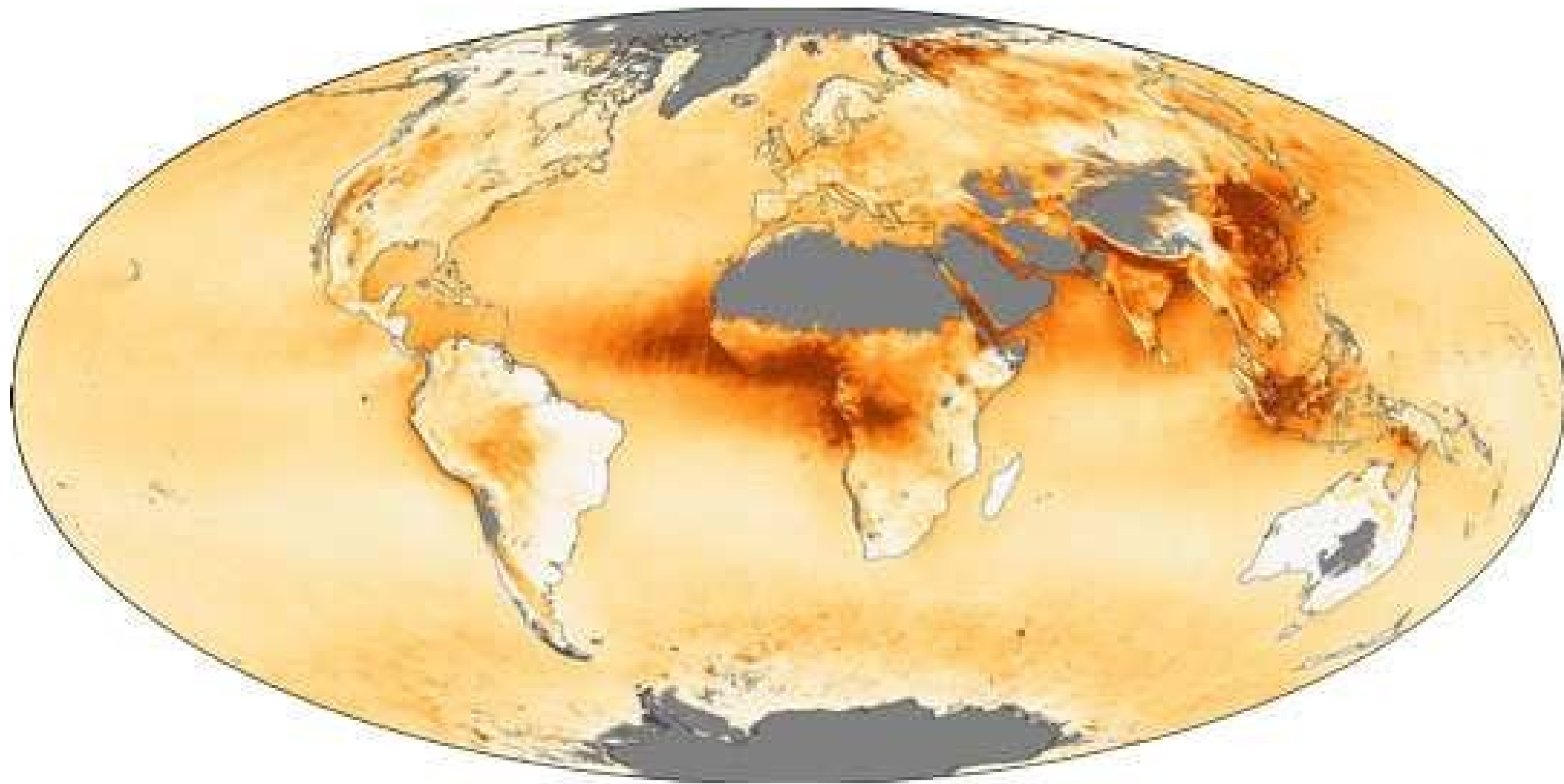
Sulfur

mg SO_4^{2-} per tonne of ice

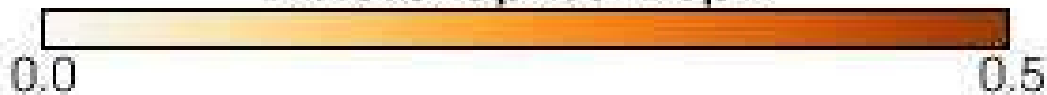
SO_2 emissions
from United States
and Europe
(Mt S yr⁻¹)



3. Aerosolová optická tloušťka

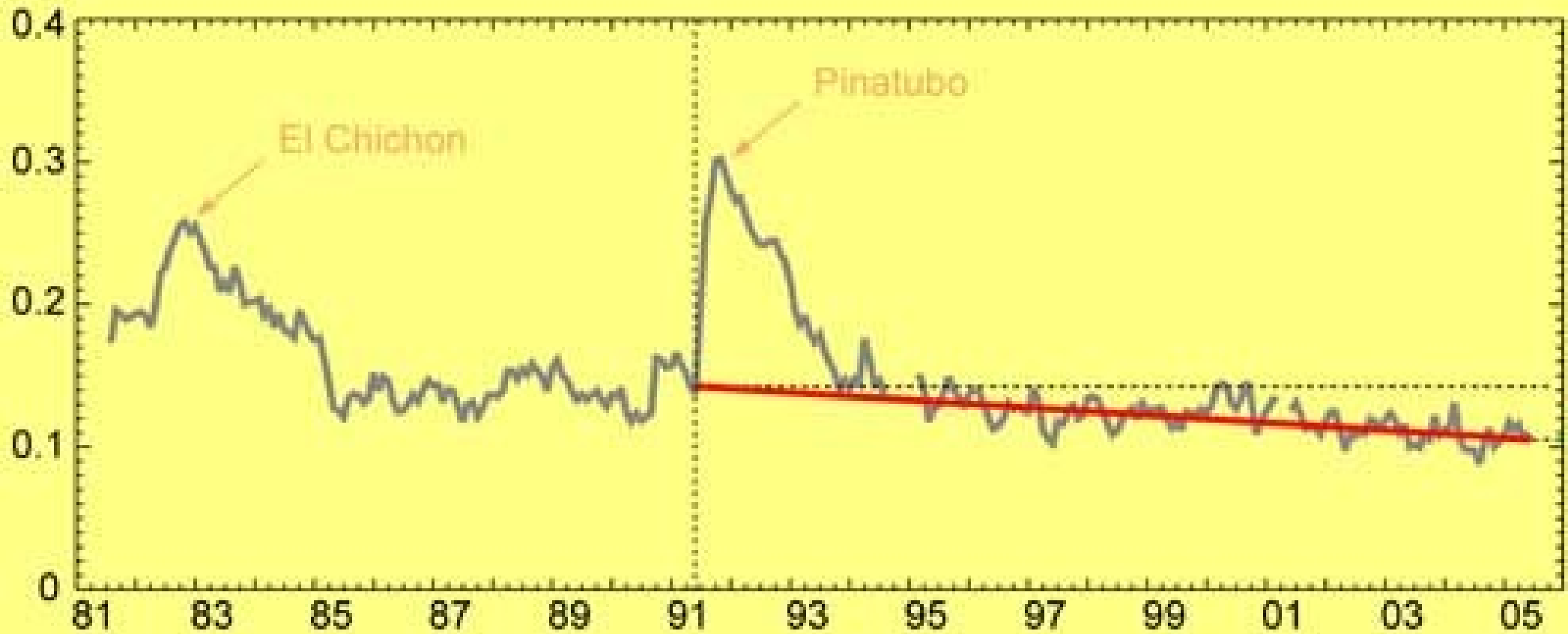


Aerosol Optical Depth









Modelování klimatu

Sir David Attenborough

<http://www.youtube.com/watch?v=S9ob9WdbXx0>