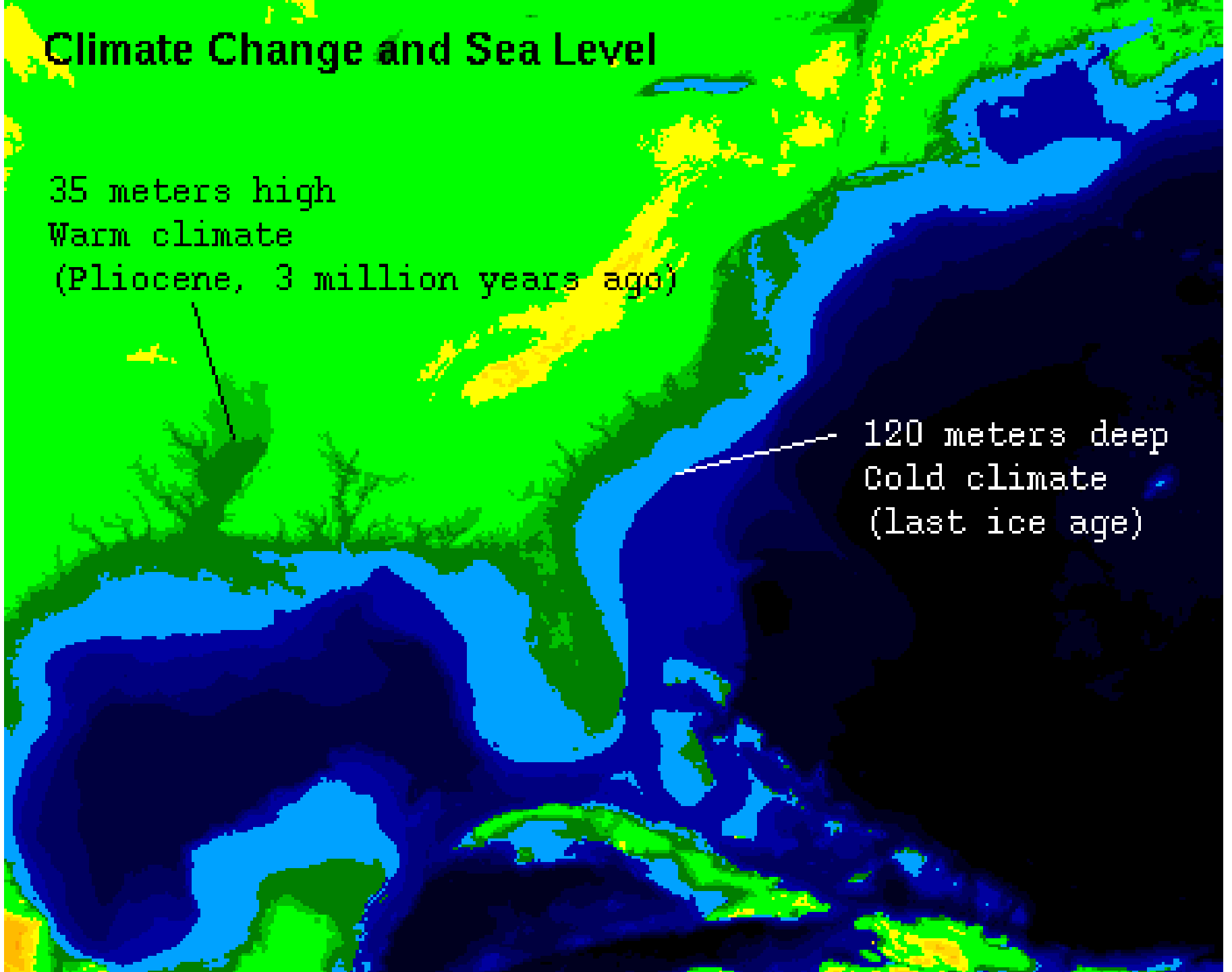


Climate Change and Sea Level

35 meters high
Warm climate
(Pliocene, 3 million years ago)

120 meters deep
Cold climate
(last ice age)



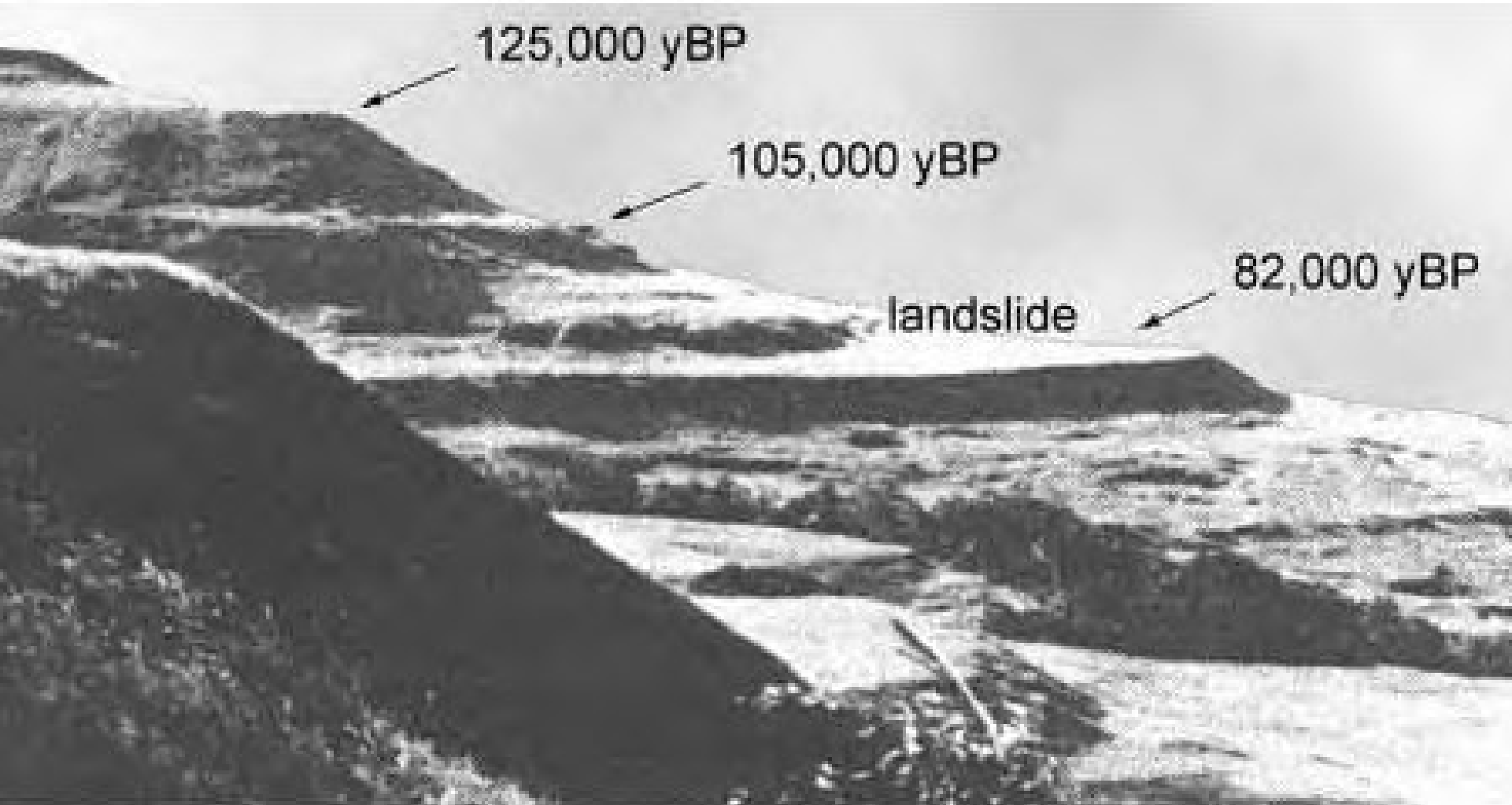
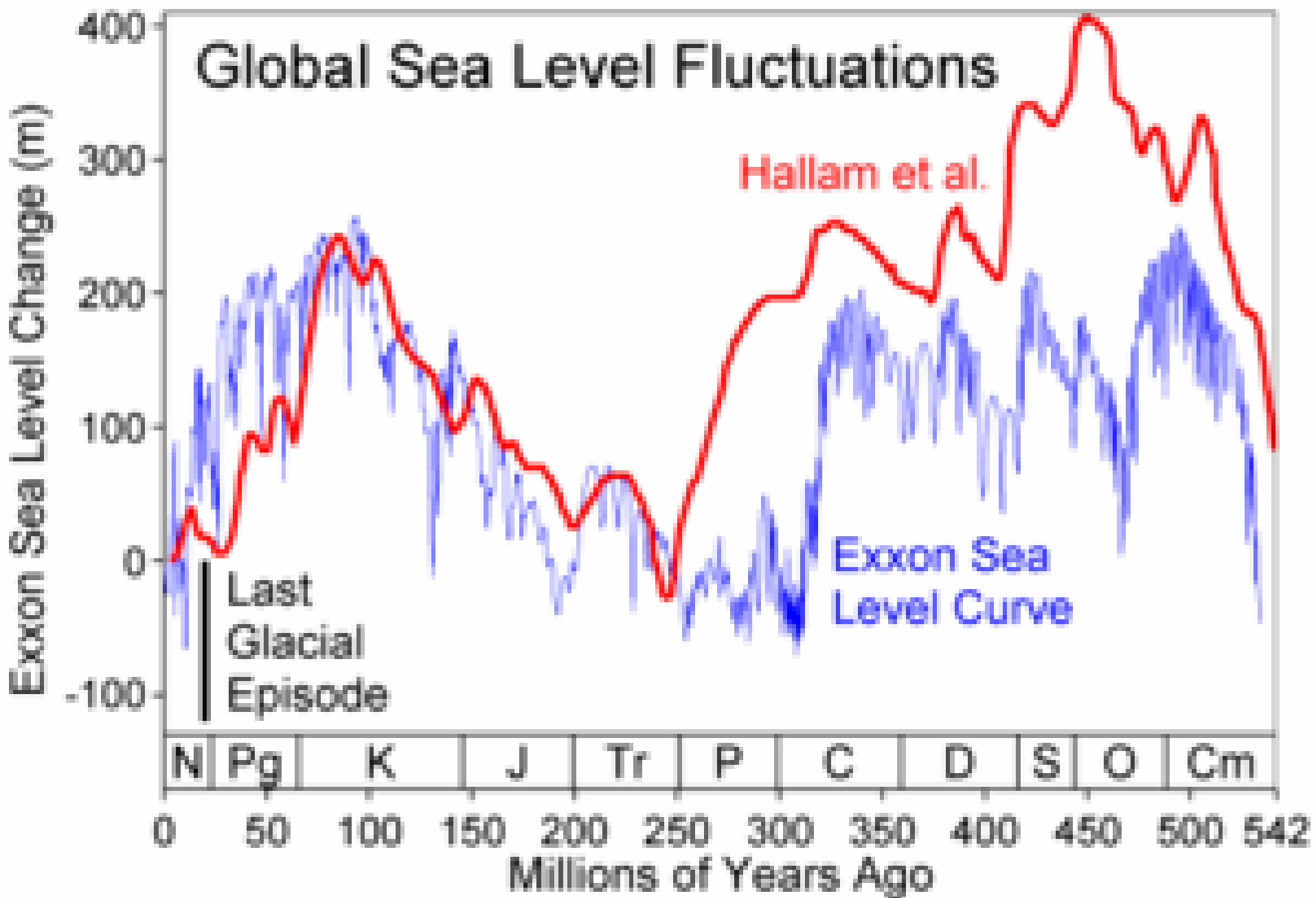
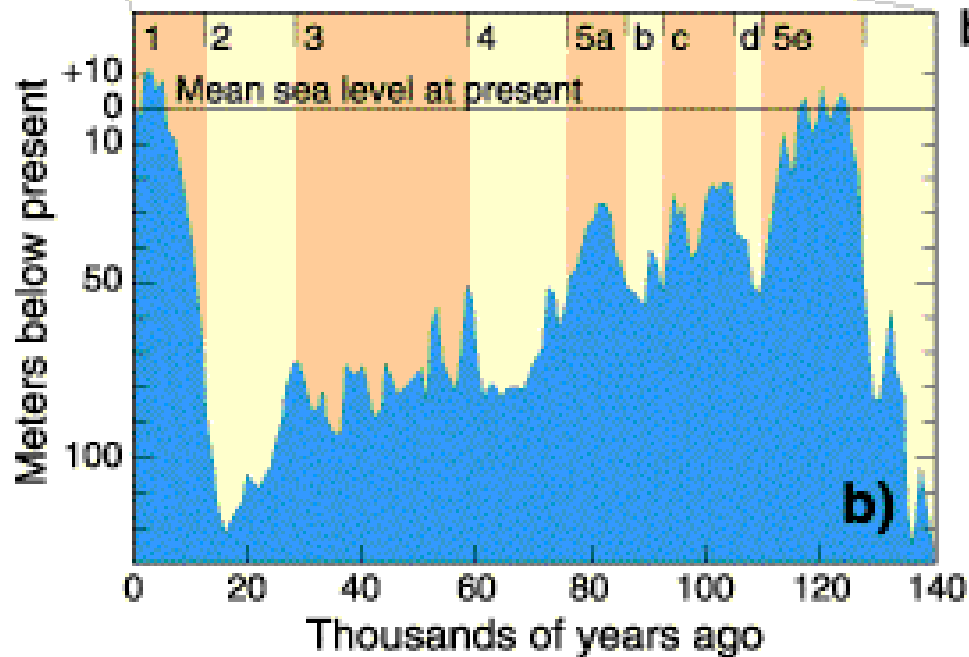
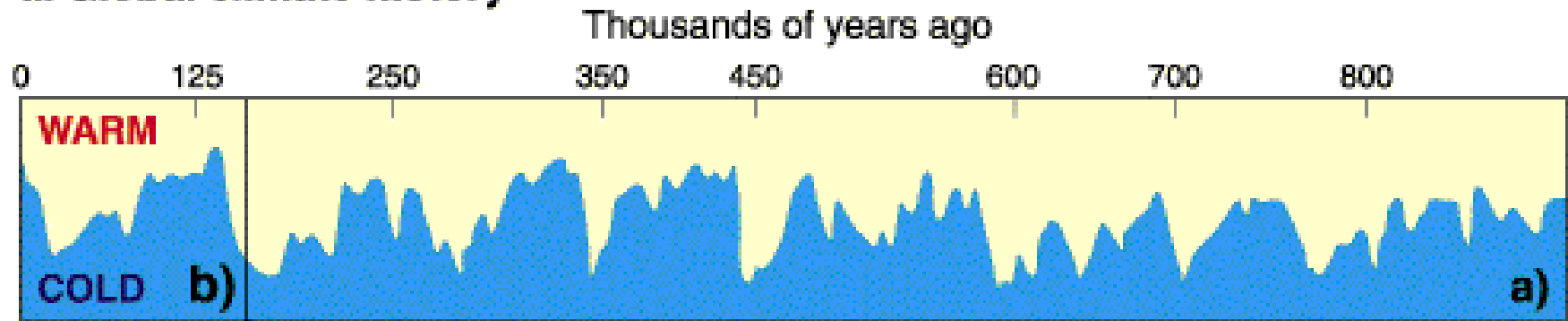


Figure Uplifted marine terraces on the north coast of Huon Peninsula, New Guinea. These are Pleistocene terraces with ages similar to Caribbean uplifted terraces.

www.uprm.edu/geol/Morelock/GEOLOCN/_3_image/ngten.jpg

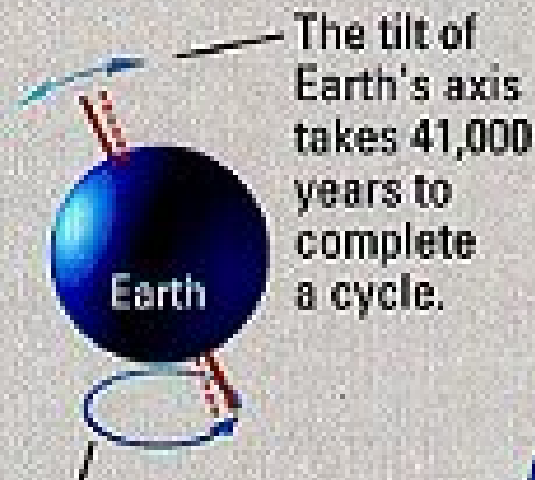


a. Global climate history

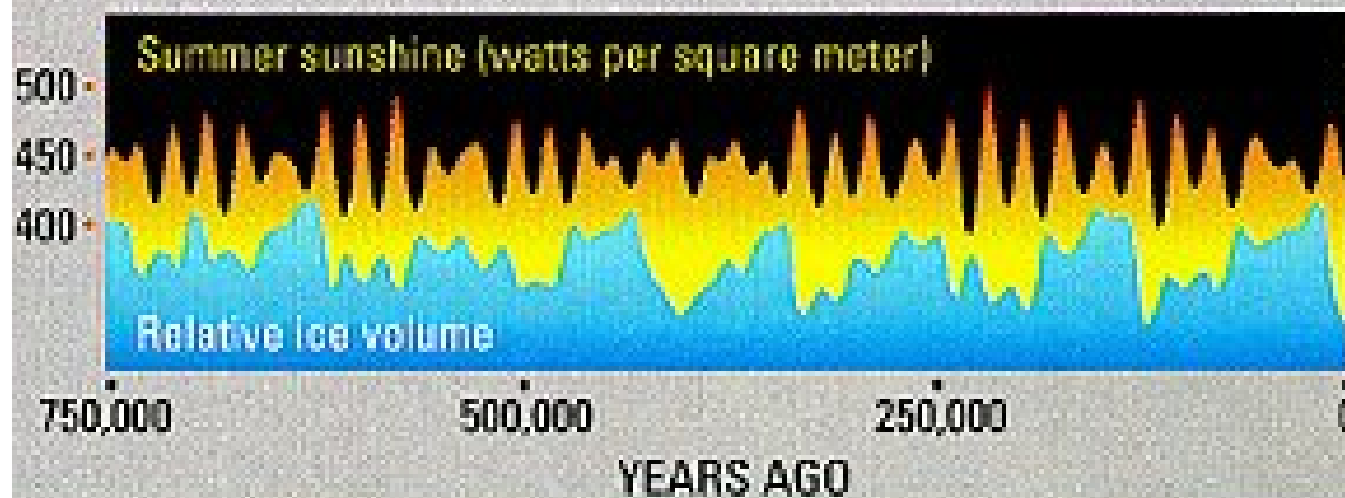
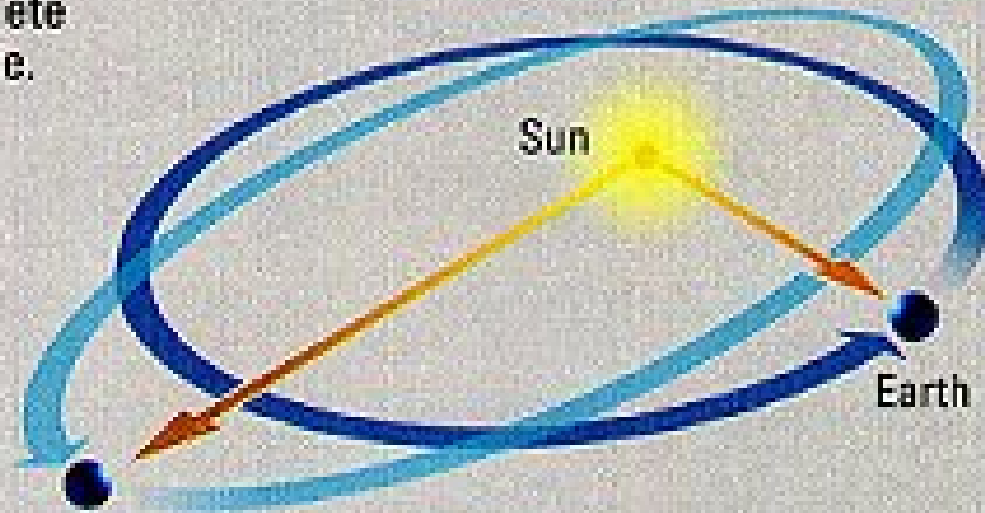


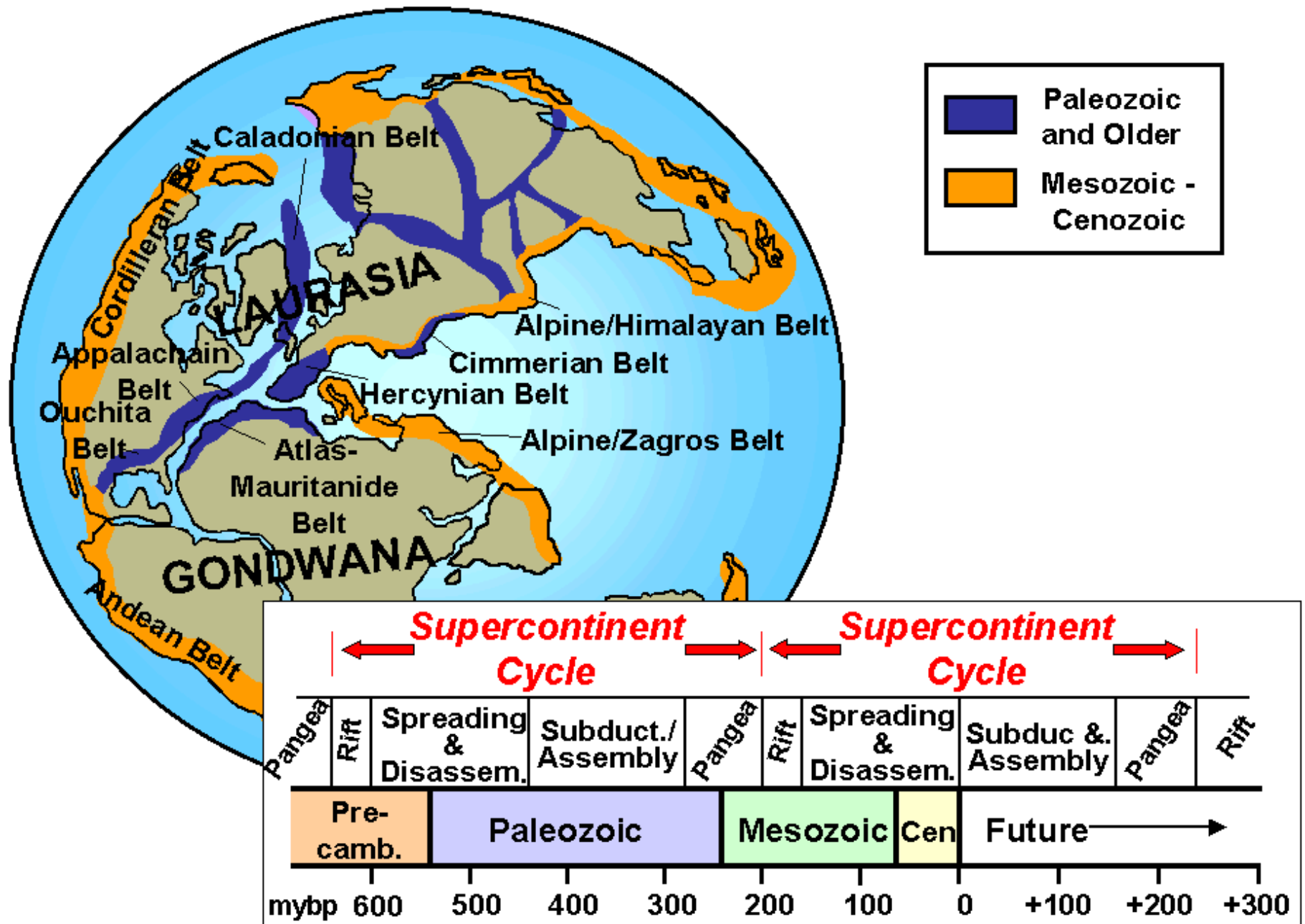
b. Late Quaternary sea-level history

MILANKOVITCH CYCLES



Variations in Earth's orbit around the sun follow a 100,000-year cycle.





I = Icehouse

G = Greenhouse

