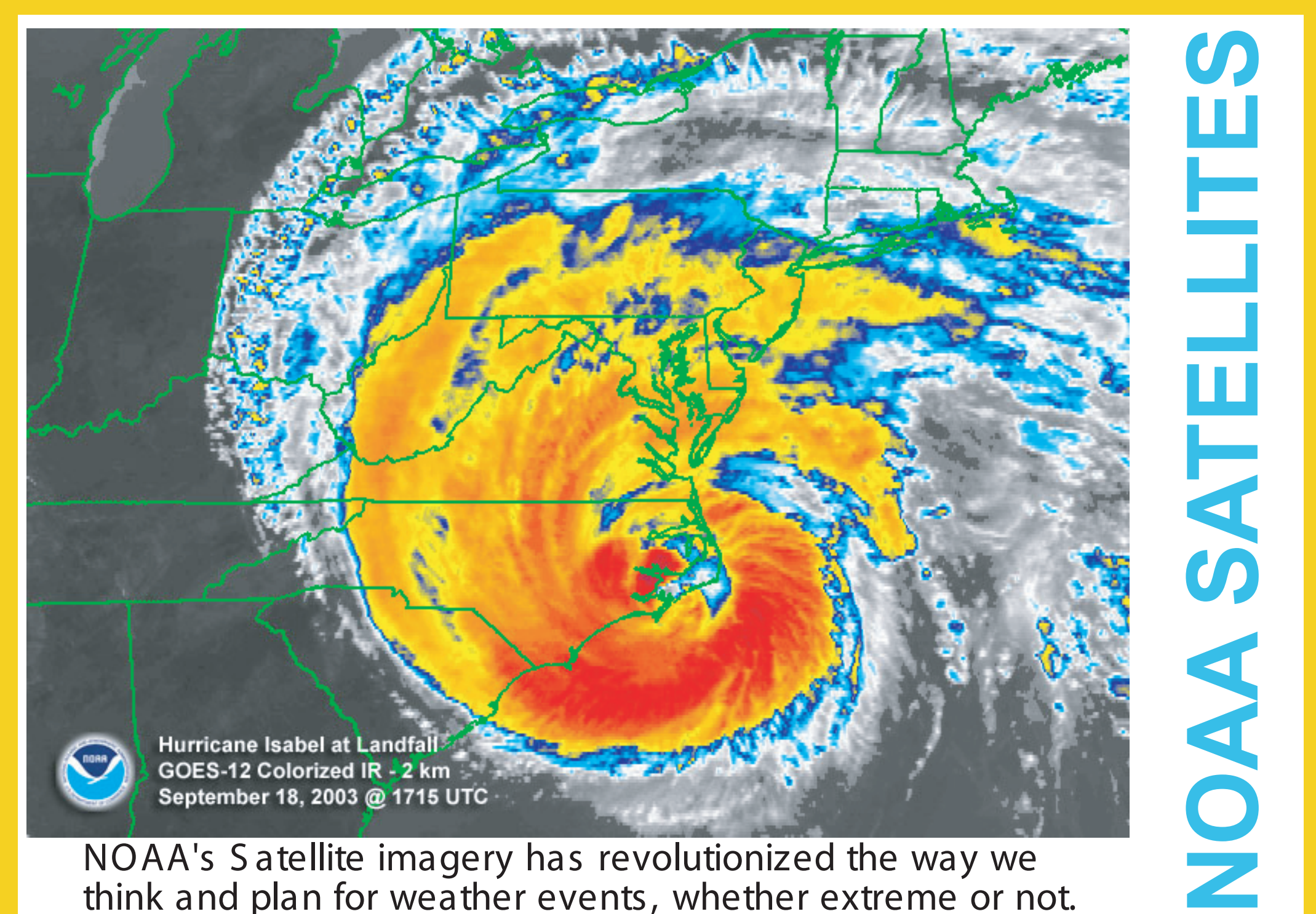
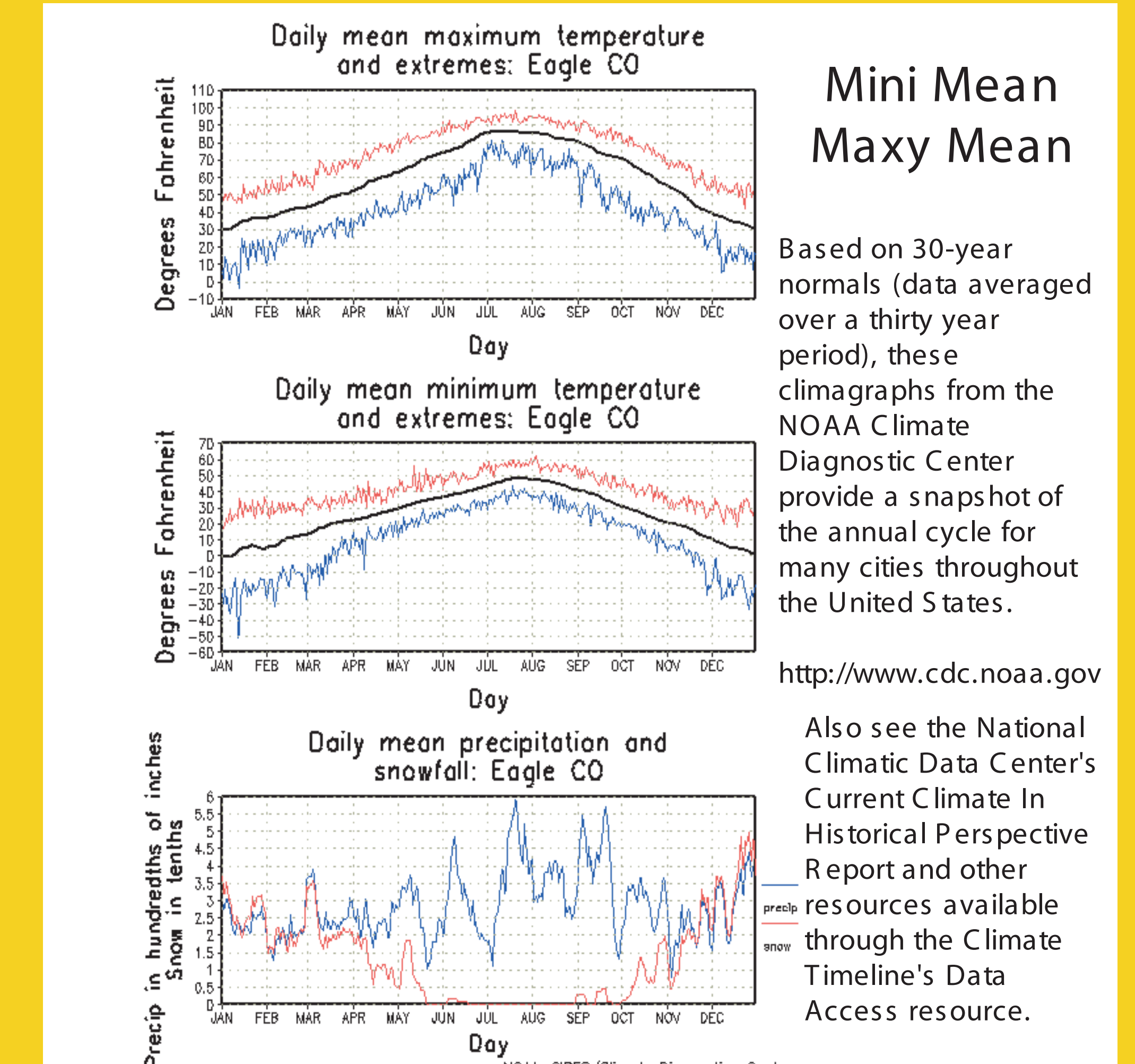
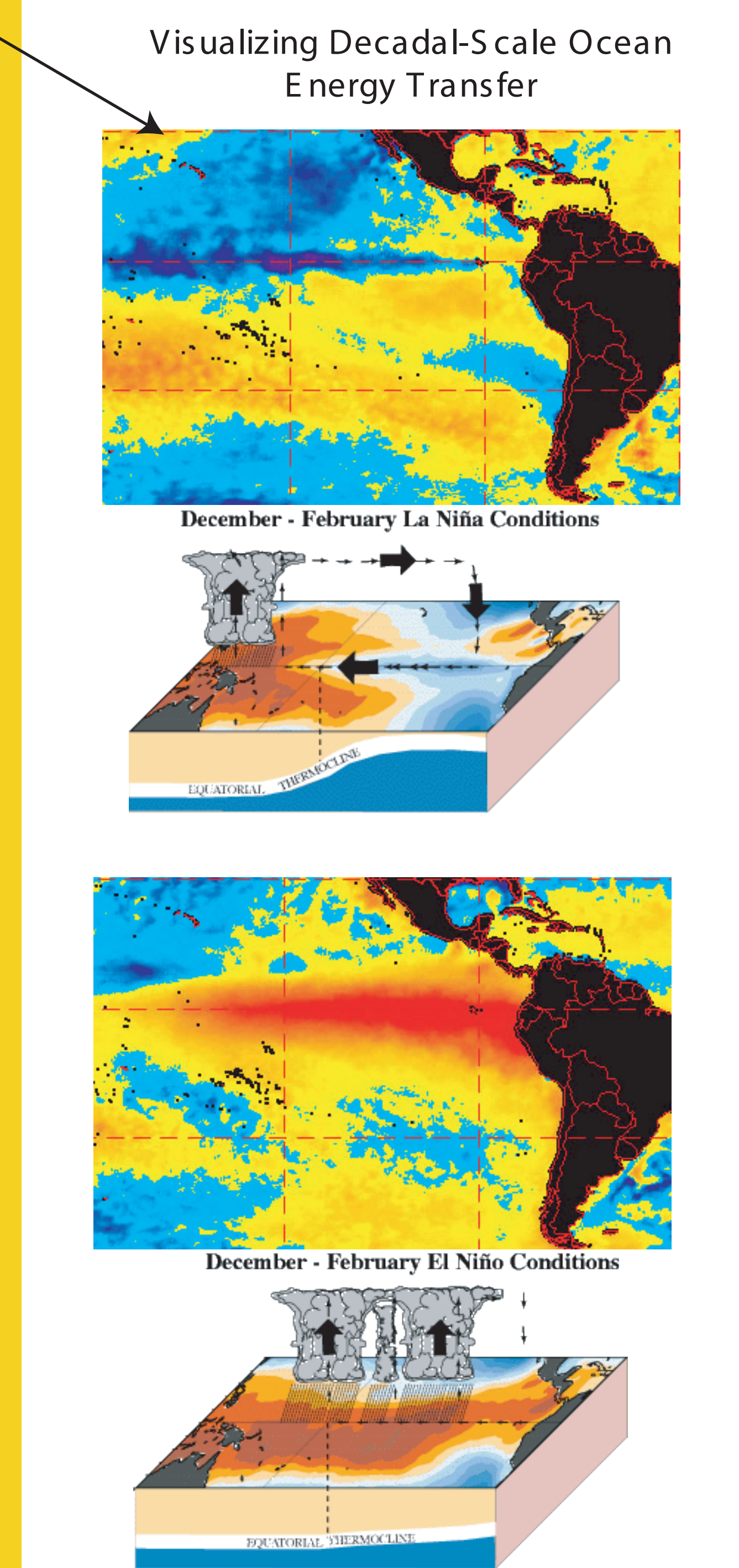
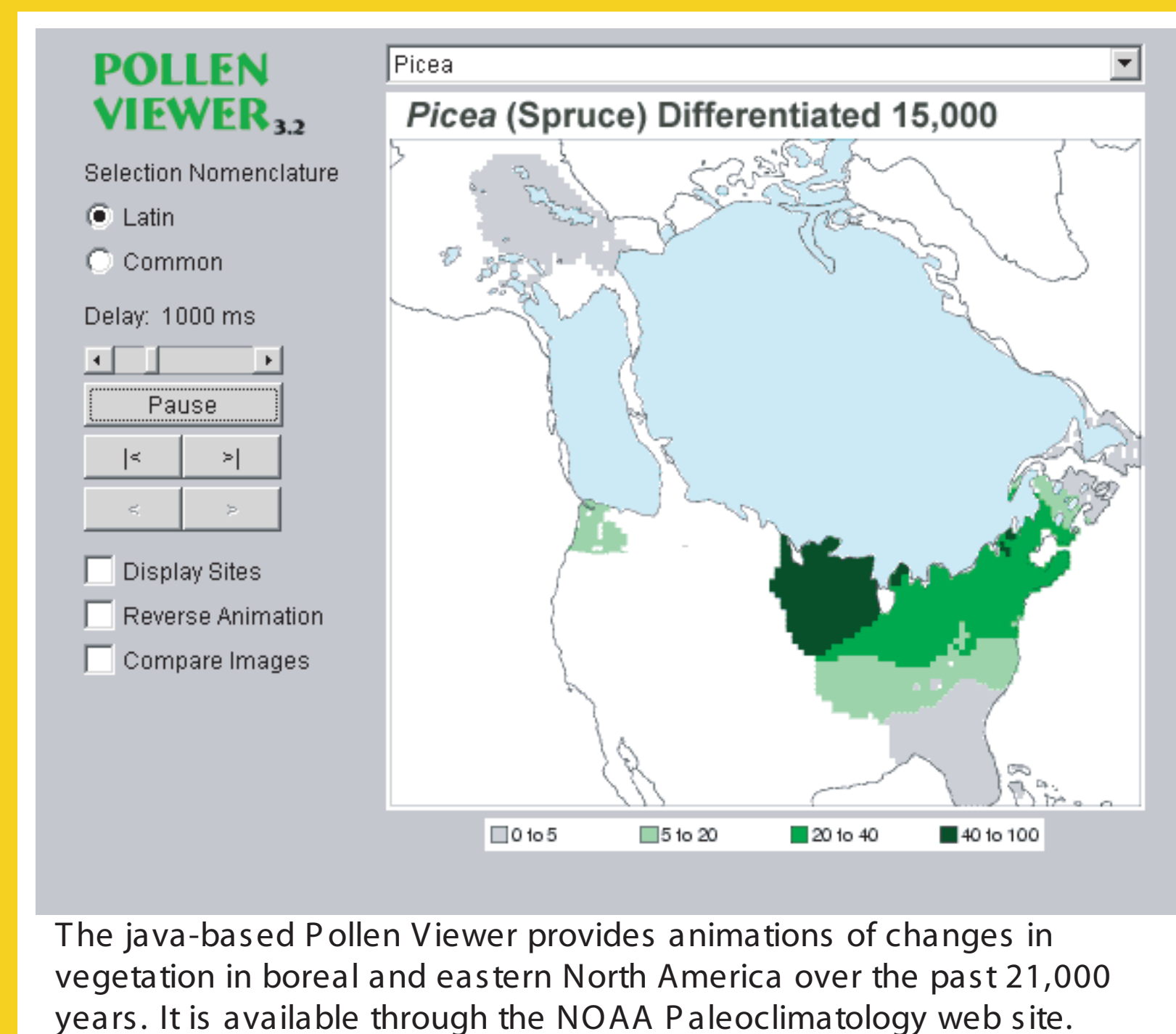
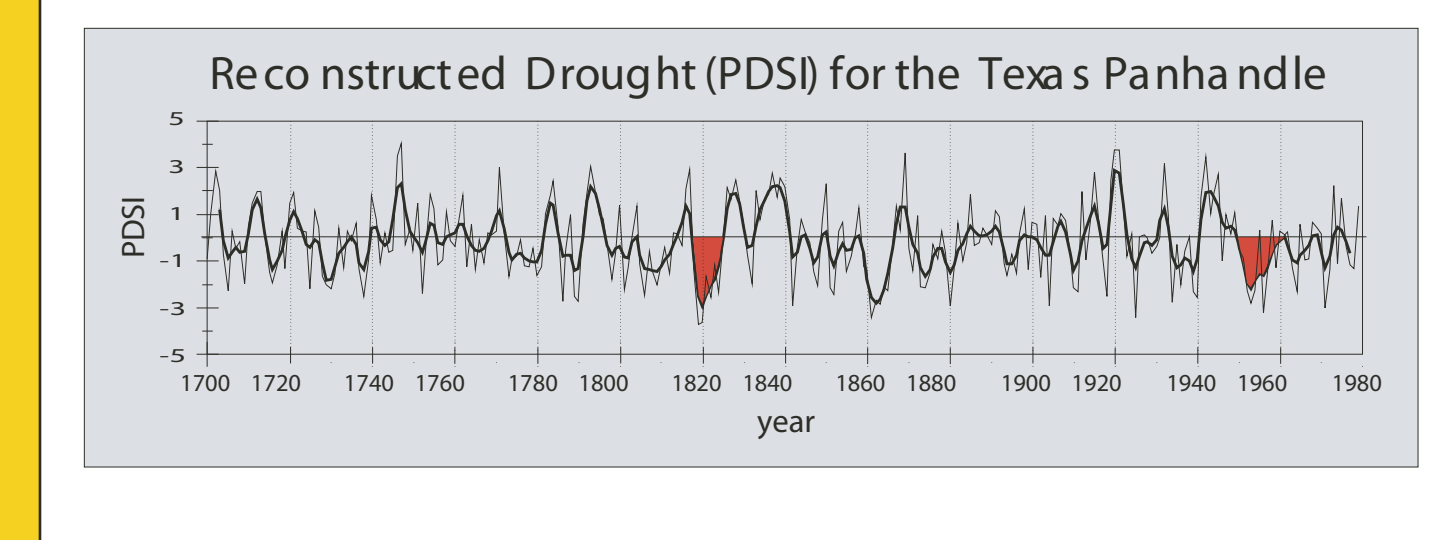
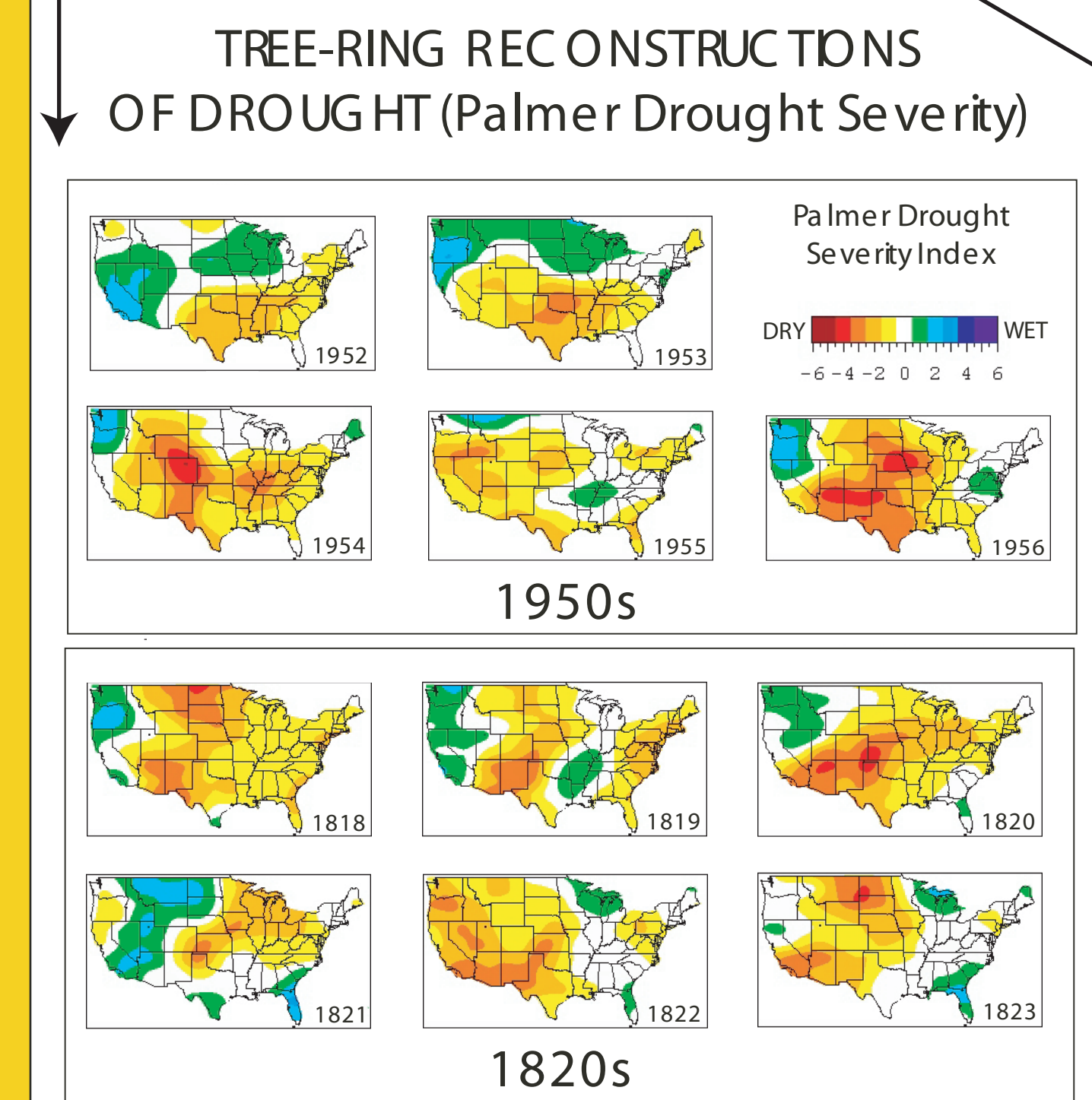
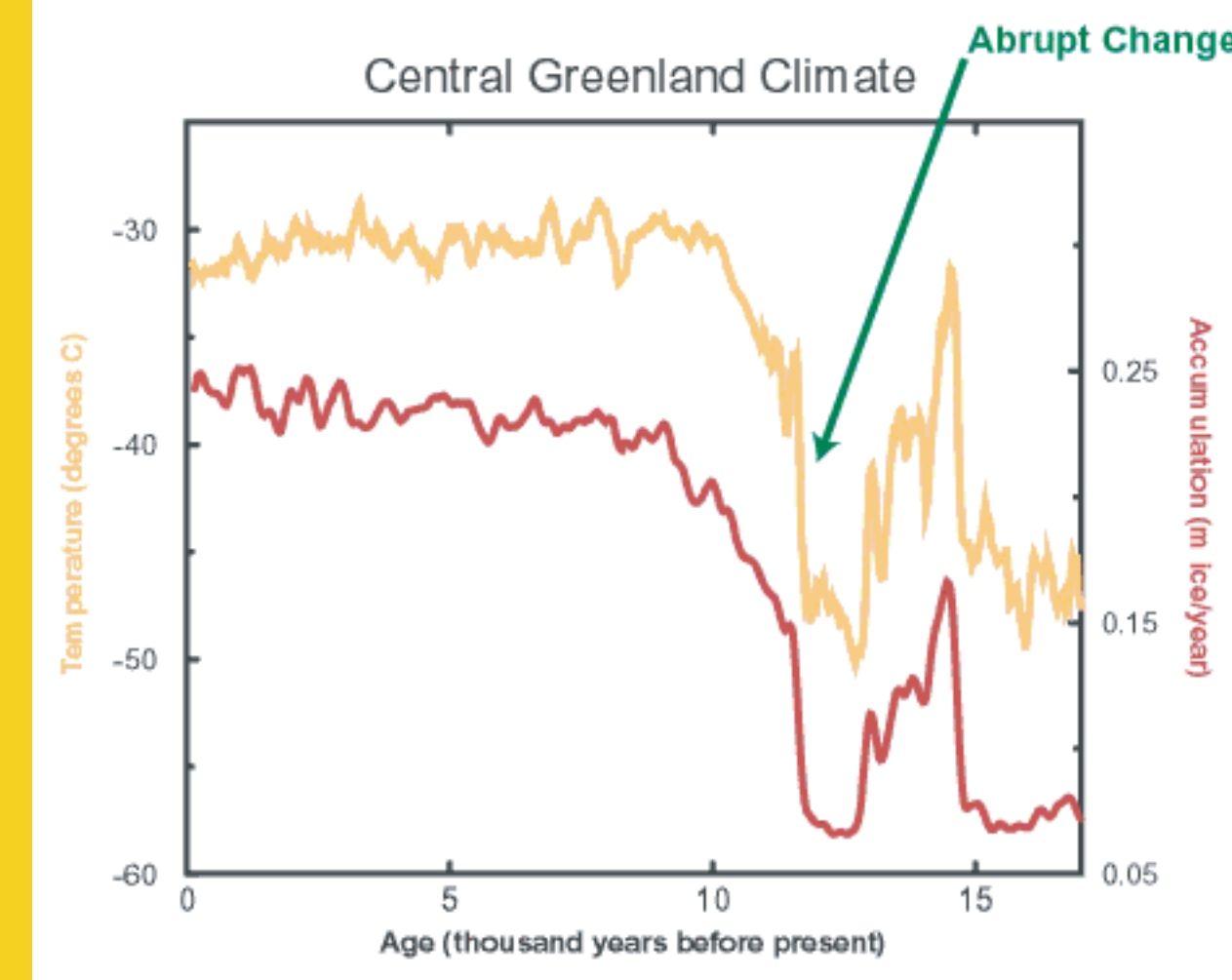
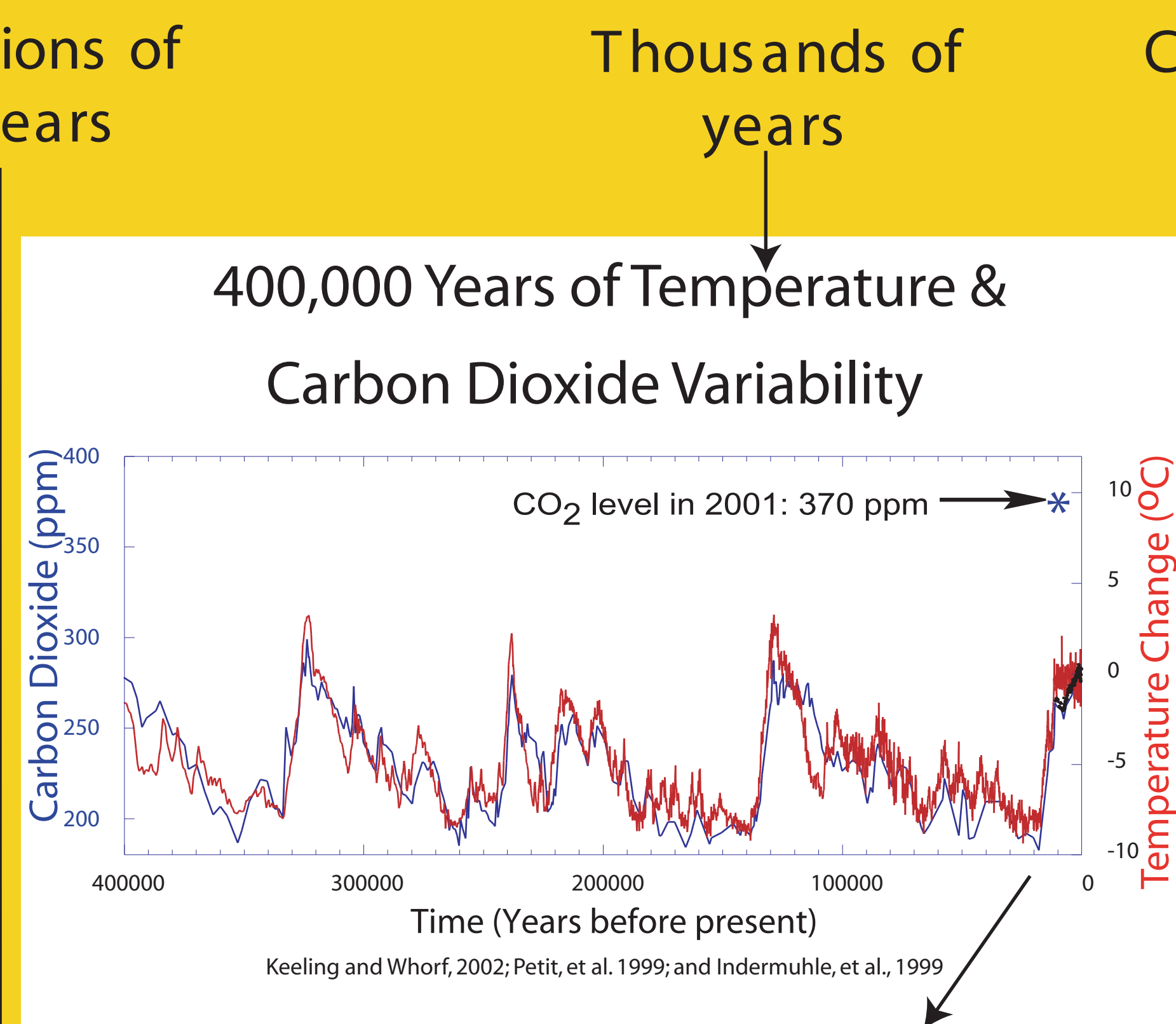
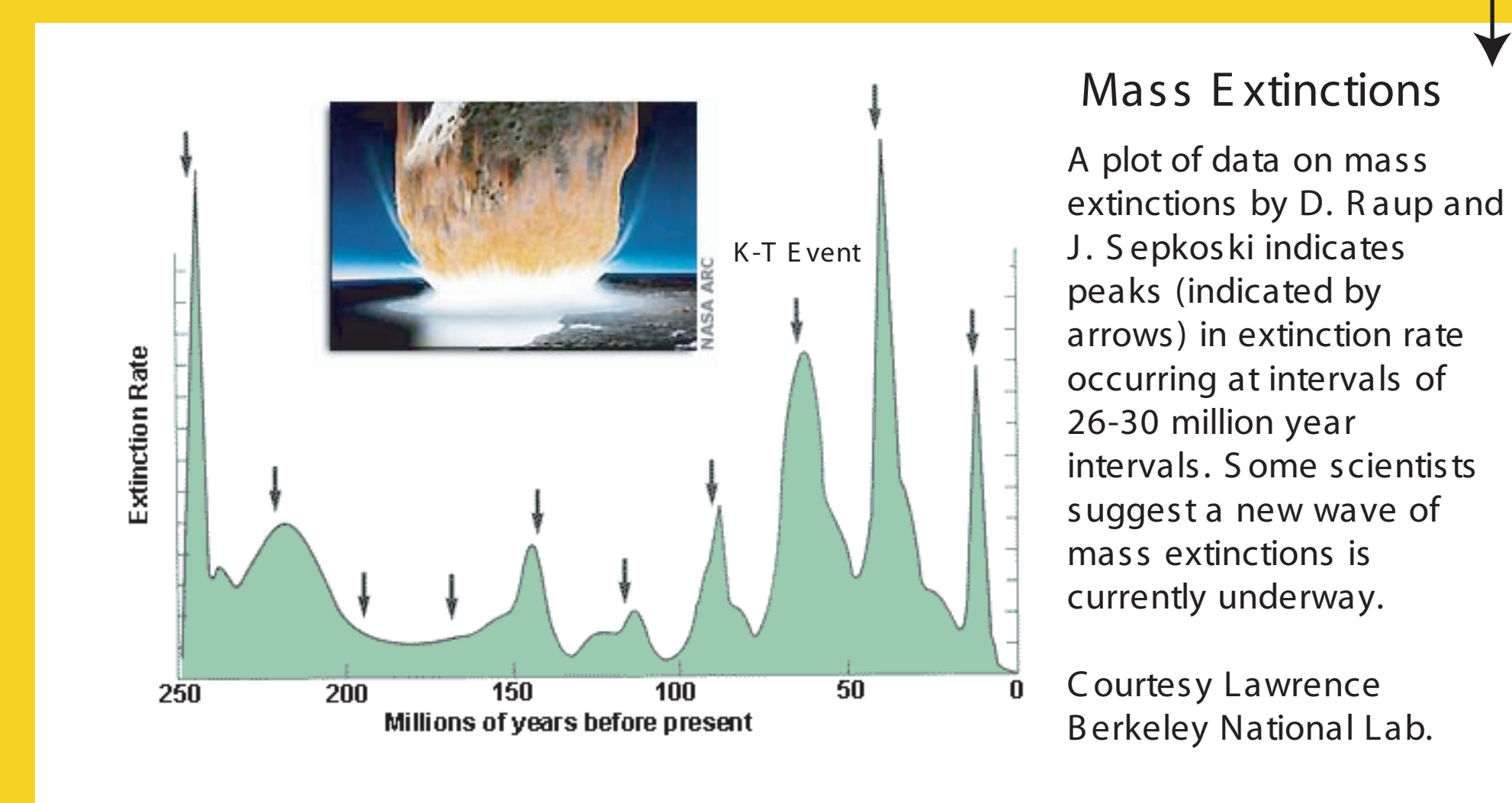
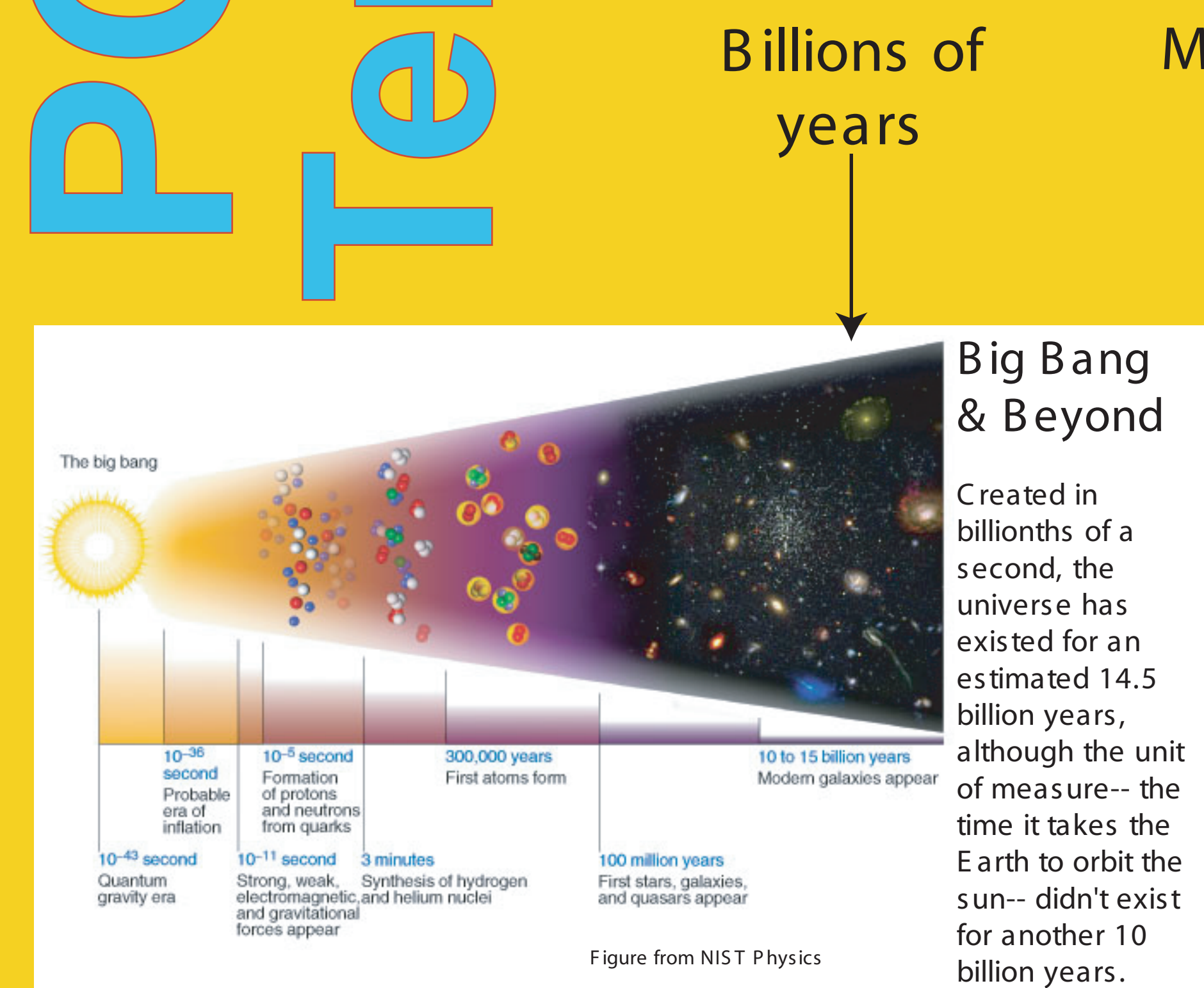
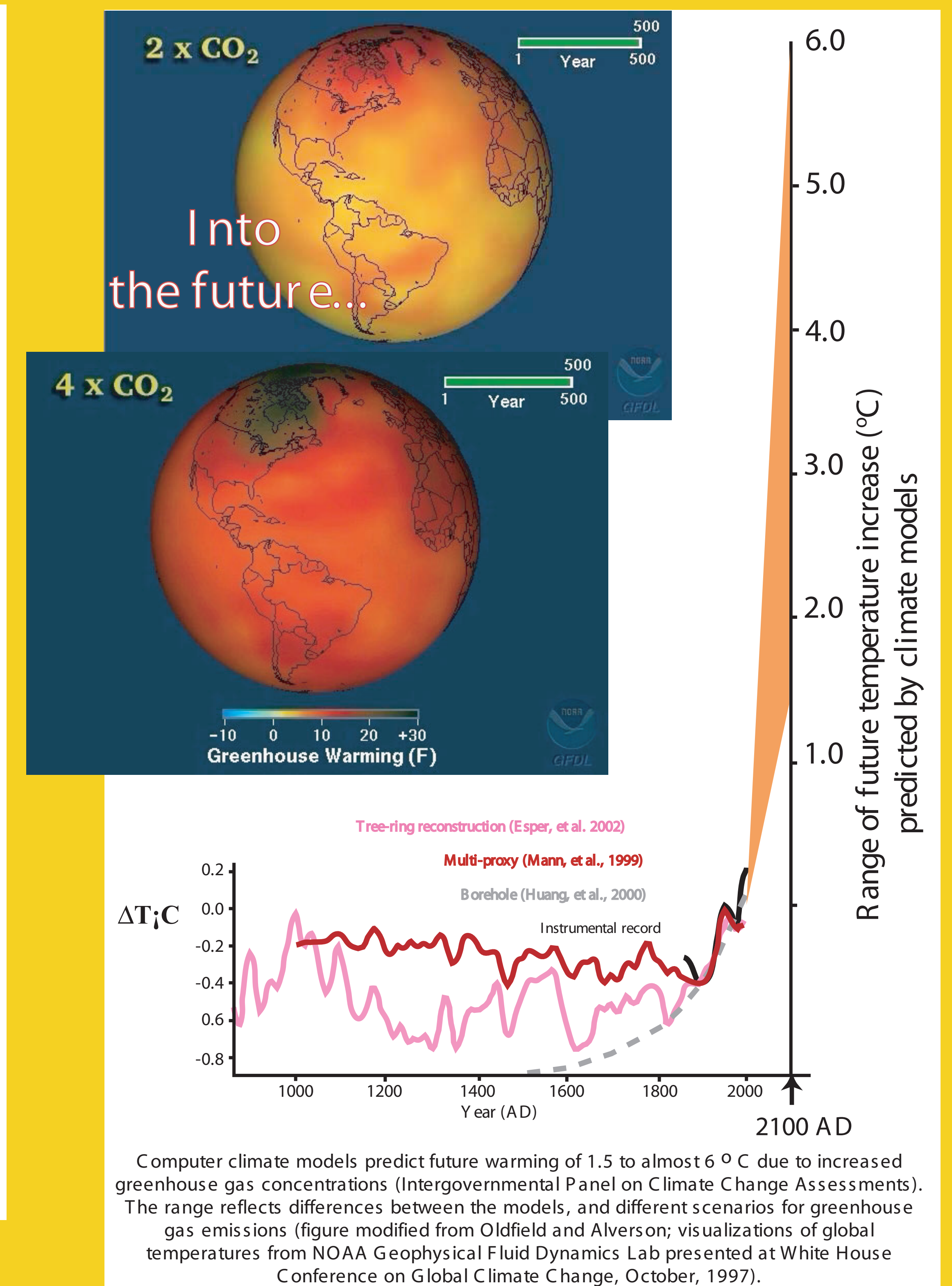
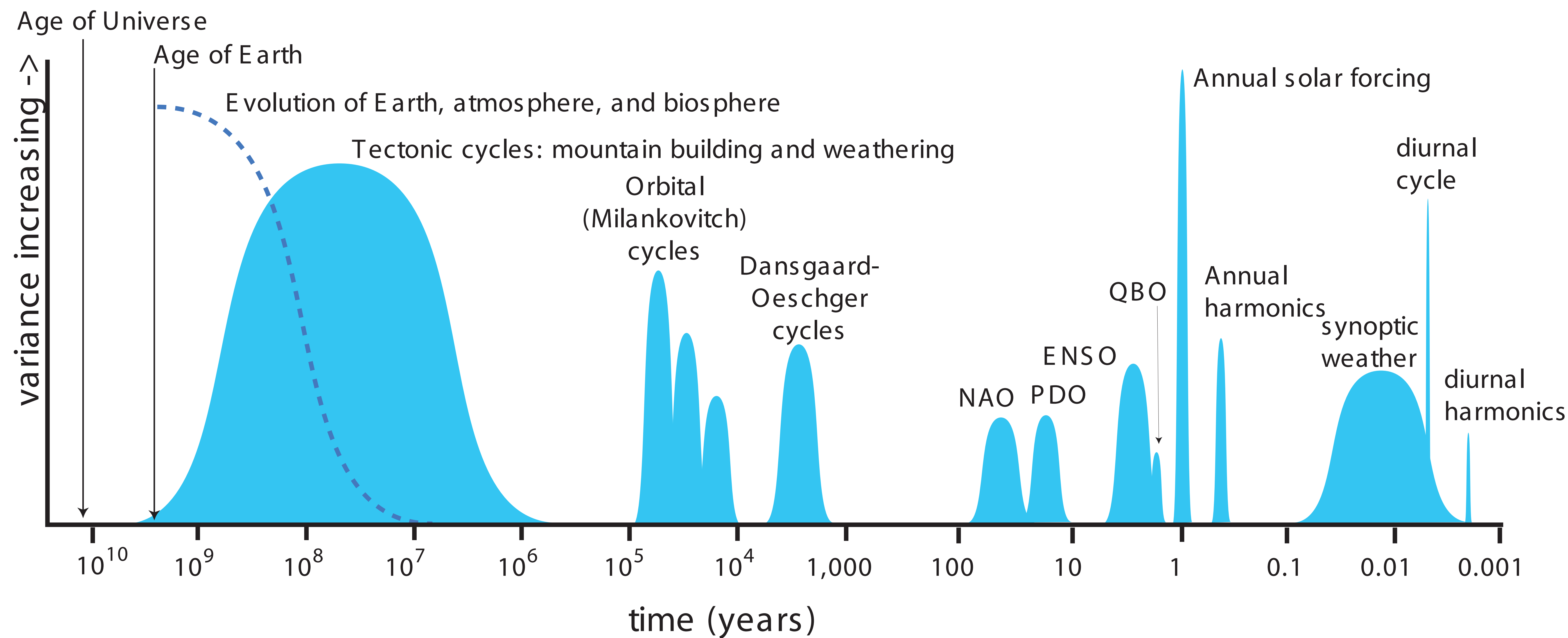


POWERS OF 10 Temporal Scaling



Visualizing Variability



NOAA PALEOCLIMATOLOGY

Located in Boulder, Colorado and part of the National Climatic Data Center, NOAA Paleoclimatology provides access to and background information about data from various "proxies" that are used to reconstruct past climatic and environmental changes. Because the record from modern instruments such as thermometers and various gages is limited primarily to the past century, these natural recorders of change and variability are important in allowing research scientists to better understand the dynamics of the climate and environmental systems.

Because raw data is meaningful to only a small niche of research scientists, visualizations are key to communicating research findings. In addition to graphs, maps and animations that are generated in-house, NOAA Paleoclimatology also taps the visualization resources of peer-reviewed climate science from other branches of NOAA and other agencies.

<http://www.ncdc.noaa.gov/paleo>

NOAA's Climate Prediction Center created the above figures to convey the coupled oceanic-atmospheric dynamics of ENSO.

NOAA's Satellite imagery has revolutionized the way we think and plan for weather events, whether extreme or not.

NOAA SATELLITES