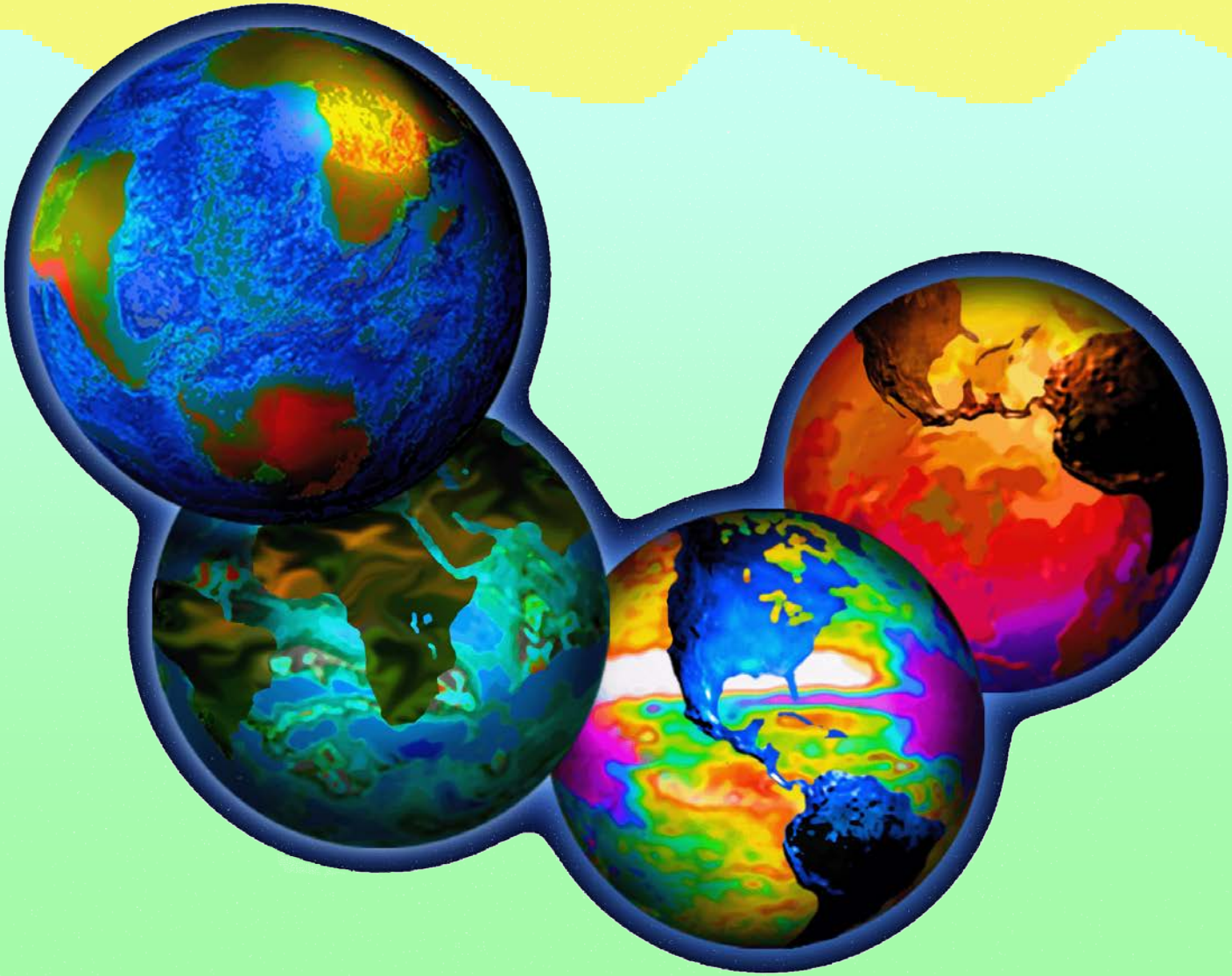
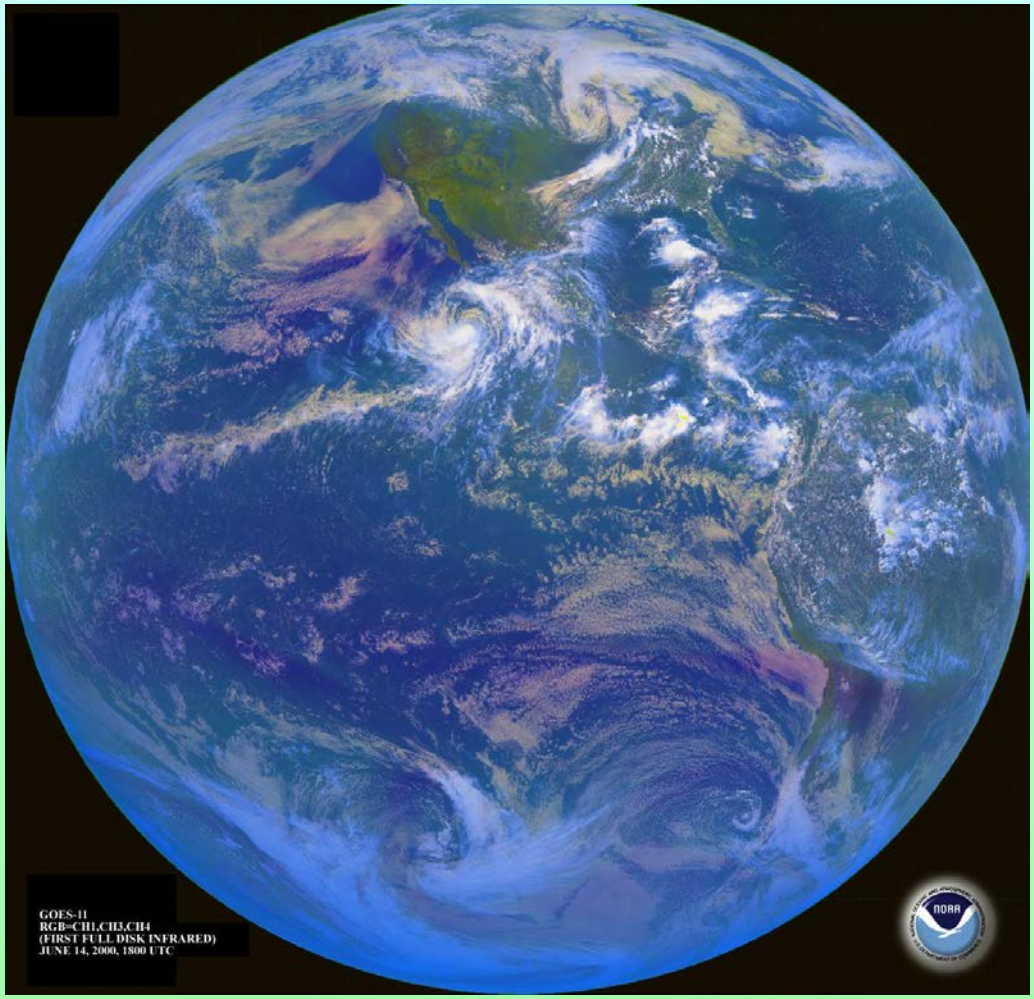
Recording Earth's Climate



The Earth's Historical Record



The Earth can record climate

Climate information can be found in:

- Trees
- Corals
- Ice Cores
- Glaciers

Lets Investigate How

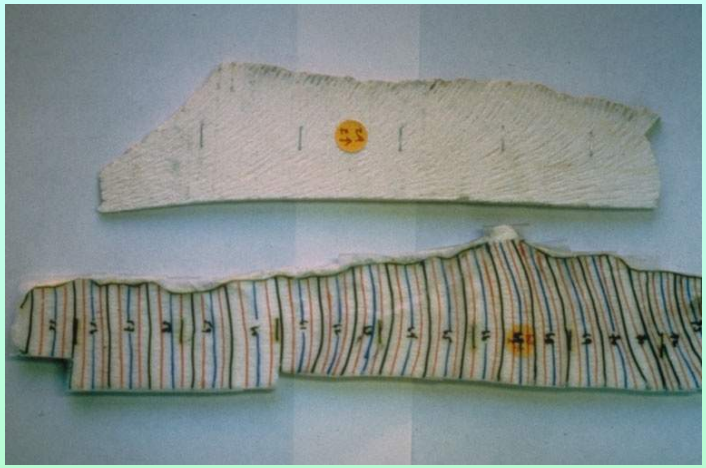
Trees, Corals, Glaciers and Ice

Leave Behind Evidence!

Scientists Study…

Tree Rings

Coral cores

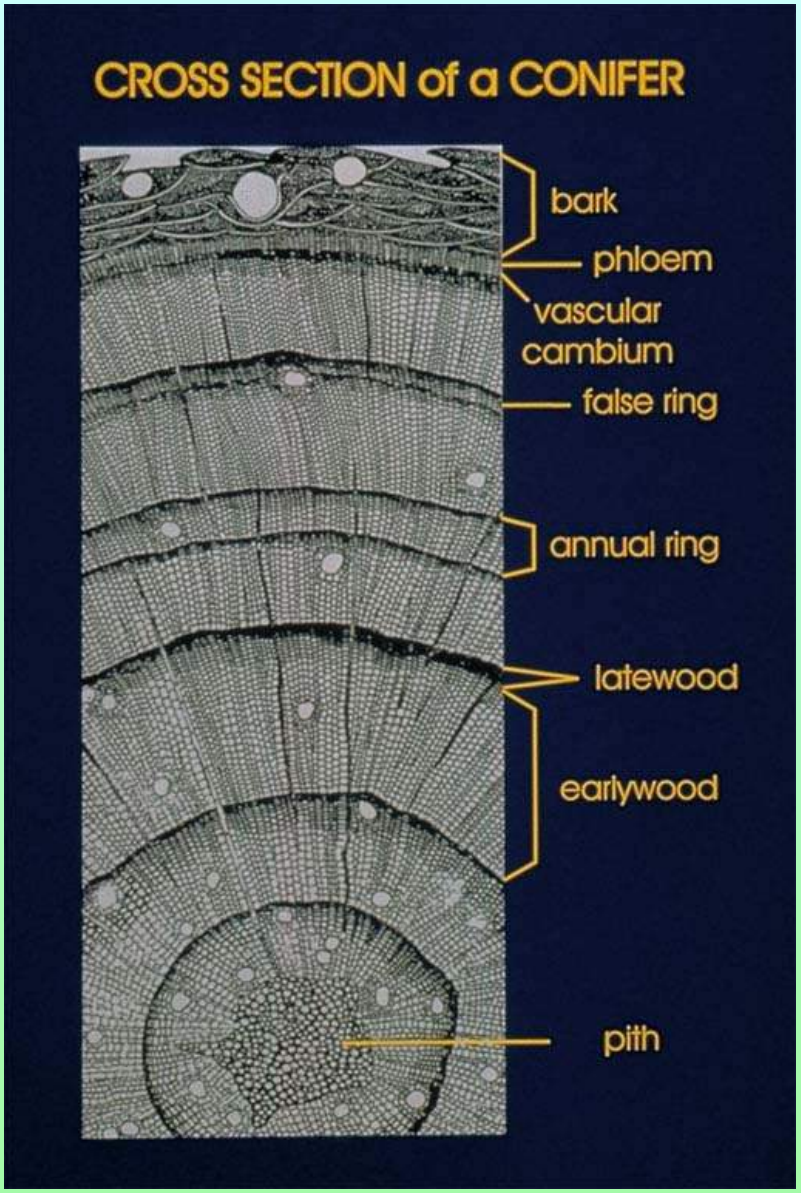


Ice Cores

Glaciers

Tree Rings Indicate:

- Temperature
- Moisture
- Cloudiness



Corals Indicate:

- Seasonal Changes in Ocean Temperature
- Availability of Nutrients
- Differences in Light

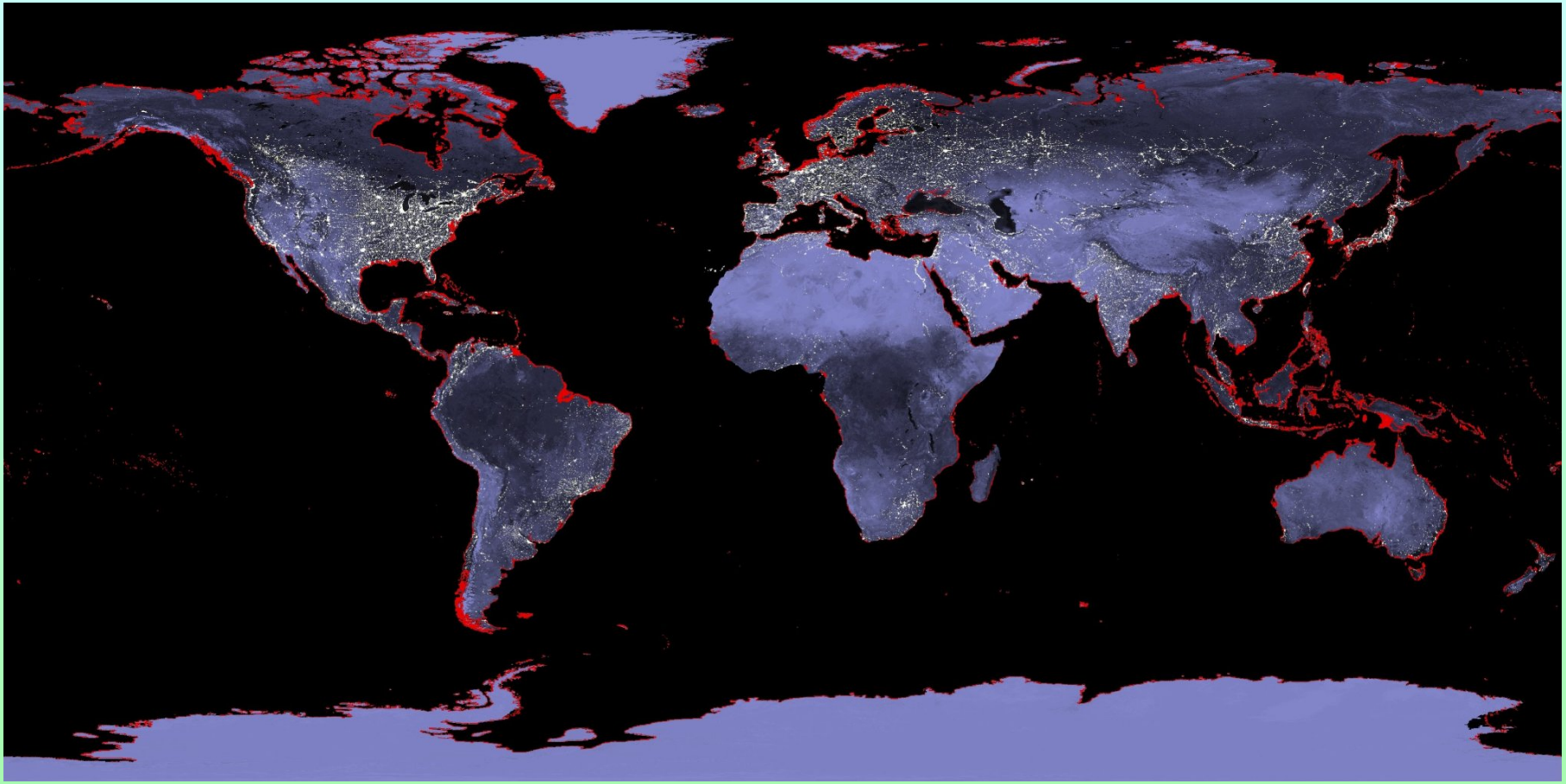
Ice Cores Indicate:

- Temperature
- Ocean Volume
- Rainfall Amount
- Levels of Carbon Dioxide and atmospheric gases
- Solar Variability
- Sea Surface Productivity

Glaciers Indicate:

- Temperature
- Ocean Volume

Sea Level Rise:



EXPLORE.
[CLICK]