Climate

Climate is the long-term average of the weather. It is observed over periods of many years, decades, and centuries. In many areas of the United States, the daily high temperature or the daily low temperature can vary by as much as 30 degrees F from day to day.

Teaching Resources from the Education GeoSource database

Curricula & Instruction Resources

Games & Simulations for Weather, Climate and Atmospheric Science Education
University Corporation for Atmospheric Research (UCAR)
The UCAR Center for Science Education has a collection of simulations and games for learning about Earth science that educators at the UCAR Center...

Resource Type: Classroom Activities, Curricula and Instruction
Grade Level: K, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

Teaching Media Resources

Gallery of Weather and Climate
NASA's Climate Kids
Stills and text of changing climate and weather.

Resource Type: Teaching Media, Virtual Field Trips
Grade Level: K, 1, 2, 3, 4, 5

Outreach Programs
Earth Day (April 22)
Earth Day Canada

Earth Day Network's mission is to broaden and diversify the environmental movement worldwide and to mobilize it as the most effective vehicle to...

**Resource Type:** Commemorative Days and Events, Outreach Programs

**Grade Level:** K, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12