

General information

["The Essential Principles of Climate Literacy"](#)

["Differences between Weather and Climate"](#)

Slideshow: ["What Factors Affect Climate?"](#)

Problem set: ["What Factors Affect Climate?"](#)

Activities created by MJP

["How Can We Observe, Represent, Analyze, and Compare Climate Patterns?"](#)

["Hudson River Closings by Ice 1789 – 1856"](#)

UCAR Climate Discovery Teachers' Guide: The Little Ice Age

["Investigating Climate Past: The Little Ice Age Case Study"](#) (UCAR)

Lesson 2: [Natural Records of Change: Working with Indirect Evidence of Past Climates](#)

Lesson 4: [Where Have All the Glaciers Gone?](#)

Lesson 7: [Sunspots and Climate](#)

Lesson 8: [Dark Skies: Volcanic Contribution to Climate Change](#)

Additional Resources about Climate Proxies:

["A Guide to Dendrochronology for Educators"](#)

["Secrets of the Sediments"](#) [student activity](#)     [teacher guide](#)