

EarthComm Earth's Fluid Spheres: Weather and Your Community Activity 1

This investigation will help you to:

- How and Why Warm Air Rises
- Development of a Thunderstorm
- To learn more about severe weather events in your community, visit the following web sites:

How and Why Warm Air Rises

- NWS JetStream, an Online School for Weather - National Weather Service
This is a comprehensive review of the basics behind the causes of weather. "The Atmosphere" section explains the physics of how warm air rises.
- "Stability and Cloud Development" - Digital Atlas of Idaho
Reviews the mechanisms that cause air to rise. Includes a graphic that illustrates convective uplift, orographic uplift, frontal wedging, and convergence.

[Back to Top](#)

Development of a Thunderstorm

- Introduction to Thunderstorms - National Weather Service - NOAA
Defines and gives facts on thunderstorms, explains the conditions necessary for thunderstorm development, the stages of a thunderstorm, and types of thunderstorms.

[Back to Top](#)

To learn more about severe weather events in your community, visit the following web sites:

- National Weather Service forecast office
- National Weather Association Local Chapters
Includes links to several local weather offices.

[Back to Top](#)
