

## EarthComm Earth's Fluid Spheres: Weather and Your Community Activity 4

### This investigation will help you to:

- Flash Floods
- The Big Thompson Canyon Flood
- Fort Collins Flood
- Safety Tips for Floods

#### Flash Floods

- Floods - FEMA  
Introduction to floods and flash floods. Includes suggestions for preparing for a flood and facts on devastating floods in the past.
- "Flash Floods and Floods...the Awesome Power!" - National Weather Service - NOAA  
This site explains how flash floods occur, presents information on devastating flash floods in the US, defines the different types of floods, and reviews steps to take to protect oneself from flood damages.
- "Flash Flood Warnings - United States" - NOAA  
Current listings of floods in the United States.
- Floods - NOAA  
List of links that cover floods, flood guidance, and flood terminology.

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#### The Big Thompson Canyon Flood

- What We Have Learned Since the Big Thompson Flood, UCAR
- The Big Thompson Canyon Flood, Weather.com
- Colorado Remembers Big Thompson Canyon Flash Flood of 1976- NOAA  
News article about flash flood.

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#### Fort Collins Flood

- "The Rain that Caused the Flood" - Colorado State University  
Online article is an excerpt from an analysis of the rainfall that fell and caused the Fort Collins flood in 1997. Includes color rainfall maps.
- "An Analysis of Rainfall for the July 28, 1997 Flood in Fort Collins, Colorado" - Colorado Climate Center  
Reviews details of the Fort Collins flood, specifically the rainfall that caused the flood

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## Safety Tips for Floods

- Floods - FEMA

Fact sheet reviews steps to take to prepare for floods, steps to take during a flood, and how to behave after a flood.

- "Thunderstorm and Camping Safety Tips" - National Severe Storm Laboratory - NOAA

Includes tips on protecting yourself from flash floods associated with thunderstorms while in the outdoors hiking or camping.

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