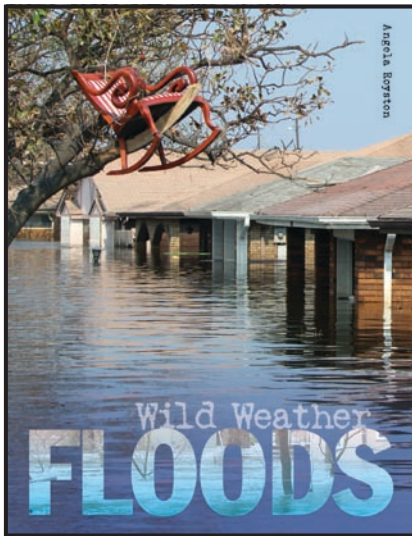
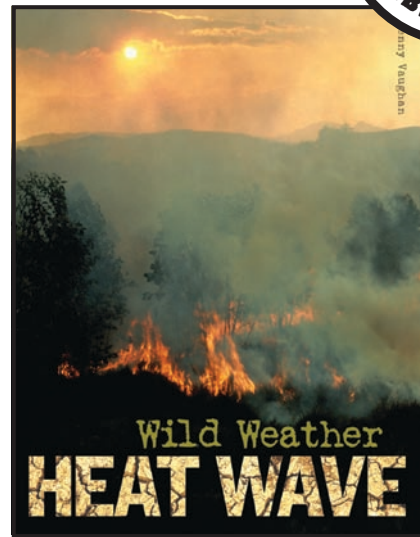
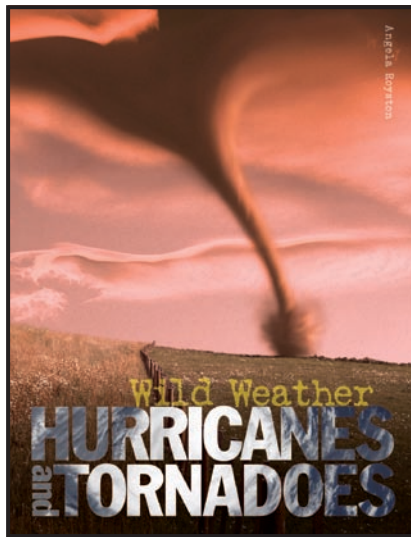
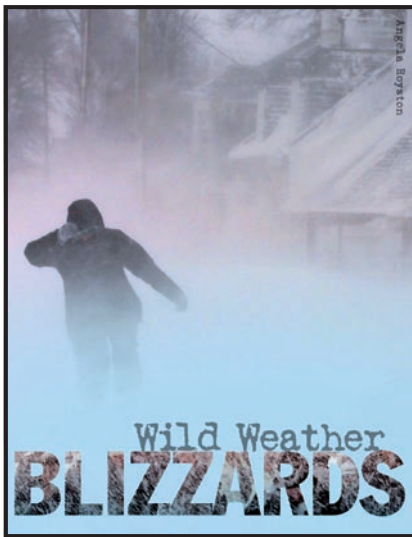




QEB WILD WEATHER



What is a flood?

A flood is a form of wild weather where a large amount of water covers land that is usually dry. Heavy rain and storms can cause flooding, mudslides and landslides. Stormy weather can also whip up big waves that crash over the shore, covering the land in water.

WEATHER AND CLIMATE

WEATHER is...
 wind – movement of the air
 visibility – how far we can see in the air
 precipitation – rain, snow or hail
 temperature – how hot or cold the air is (measured in degrees Celsius, °C, or degrees Fahrenheit, °F)

CLIMATE is the average weather a place gets over a long period of time.

WHY DOES FLOODING OCCUR?

When there is heavy rain, the water flows into rivers, often causing the rivers to overflow. This is the most common cause of flooding and has a particularly disastrous effect if the river runs through a town or city. Lakes and even the sea can overflow, too.

Metnoologists try to predict the weather so that people can prepare for heavy rainfall and other extreme weathes.

WHAT ARE THE EFFECTS OF A FLOOD?

Floods can ruin homes, destroy farm crops and in severe cases, people may drown. Flood water may cover buildings, wash away bridges and roads, and disrupt electricity and other supplies. Mud, litter and waste is washed everywhere. In towns and cities, where water from streets and buildings drains into sewers, if there is too much water for the drains to hold, the dirty water flows back up the drains. This means that flood water is often contaminated with sewage.

People in Villahermosa in Mexico had to flee their homes in October 2007 when floods swept the city.

Thousands of villages were flooded in northern China in September 2003 affecting more than 250,000 people.

QEB Wild Weather Floods

QEB Wild Weather

Readers will experience the effects of blizzards, hurricanes, floods, and other extreme weather systems with these fantastic visual guides. Each title takes an in-depth look at violent weather conditions around the world. Find out how weather is predicted and the dramatic effects of extreme weather on both the environment and people's lives.

QEB Publishing

Specifications

- Reading Level: Grade 3
- Interest Level: Grades 2–4
- Page Count: 32
- Trim Size: 9" x 11-3/4"
- Table of contents, glossary, index
- Color photographs
- Case studies

Titles

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