



WATERSHED 360°

EPISODE 1 | "THE DROP" (3:55)

Nebraska Social Studies and/or Science Standards Addressed

Geography-Location and Place

SS 5.3.1 Explore where (spatial) and why people, places and environments are organized in the United States.

SS 5.3.1.a Use maps and atlases to locate major human and physical features in the United States.

Geography-Regions

SS 5.3.2 Compare the characteristics of places and regions and draw conclusions on their impact on human decisions.

SS 5.3.2.a Identify criteria used to define regions within the United States.

SS 5.3.2.b Identify and classify regions and places within the United States using physical and human features.

SC.5.13 Earth's Systems

SC.5.13.4 Gather and analyze data to communicate understanding of Earth's systems.

SC.5.13.4.A Develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact.

SC.5.13.4.C Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment.

Each episode of *Watershed 360°* begins with the same two questions. "Who cares about a watershed? And why?"

Each episode ends with the question, "Do you know your watershed?"

Tell students that they should be able to answer these questions after viewing most or all of the episodes. However, the first two questions have many different answers.

[Watershed_questionsposters.pdf](#)



OBJECTIVE(S)

Students will explain how mountain snowpack impacts watersheds.

VOCABULARY

environmentalist: a person who studies or works to protect the Earth's ecosystems

<https://www.nationalgeographic.org/glossary/?term=environmentalist>

mountaineer: someone who climbs mountains

<https://www.nationalgeographic.org/glossary/?term=mountaineer>

splitboard: a snowboard that comes apart in two long pieces like skis. "Skins" are attached to the bottom of the skis to help the rider hike uphill. The rider removes the skins and then connects the two pieces for snowboarding downhill.

CAPTIONS

This snowmelt flows into the Gulf of Mexico. 1:03

Everyone lives in a watershed. 1:33

Reduced snowpacks indicate global climate change. 1:47

Snowpack is critical to healthy watersheds. 2:49

Note: 2 bleeps can be heard at 3:06 to censor language

LOCATION

Boulder, Colorado (Boulder Creek Watershed upstream from South Platte River)

