

Name:

Date:

The Jobs Dams Do

Madame Dam is fictional, but she is played by a real reservoir. Our movie star is named Upper Stillwater Dam. It is located in Duchesne County. While Upper Stillwater is only a medium-sized dam, it still plays an important roll in helping scientists and engineers manage the State of Utah’s water resources. Let’s take a moment and explore some of the amazing ‘jobs’ that Upper Stillwater Dam does to help communities downstream!

Recreation

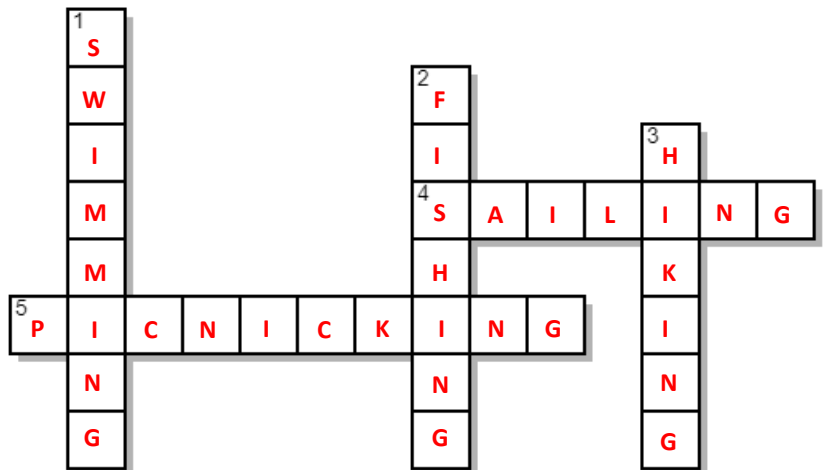
There are many ways to play at Upper Stillwater Reservoir. Use the tools each type of recreation uses to figure out which words fit in the crossword puzzle.

Down

1. Uses a Swimsuit, Goggles, and Life Jacket
2. Uses a Pole, Rod, and Bait
3. Uses a Walking Stick, Map, and Boots

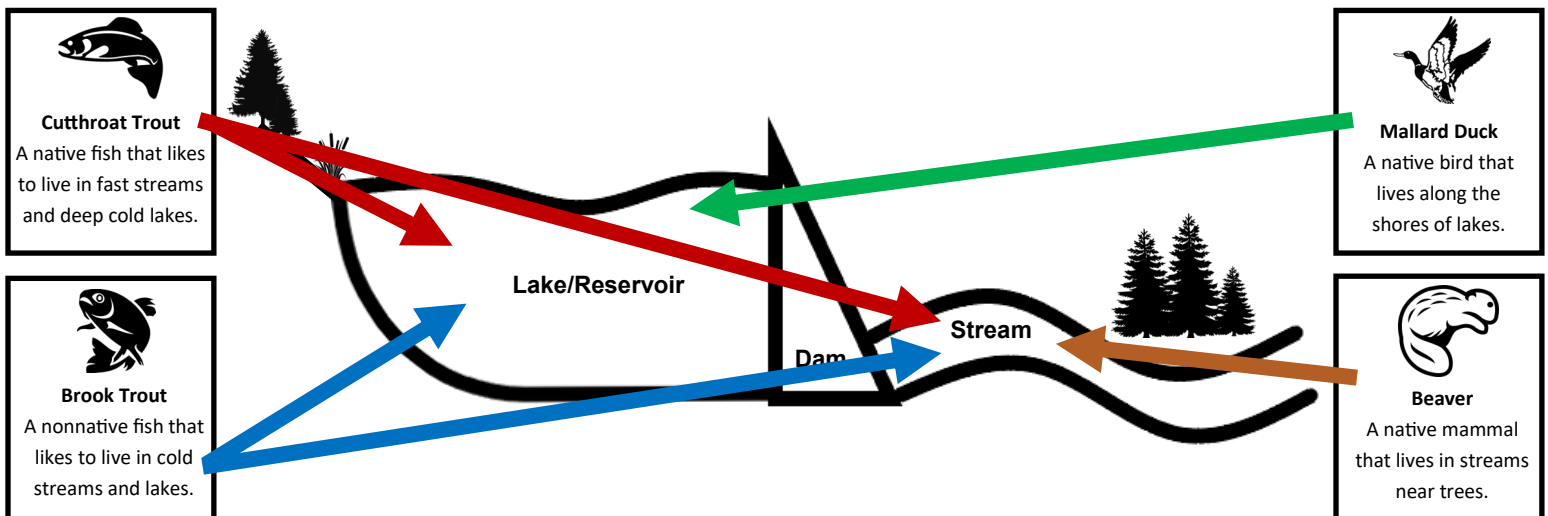
Across

4. Uses a Paddle, Boat, and Life Jacket
5. Uses a Basket, Blanket, and Food



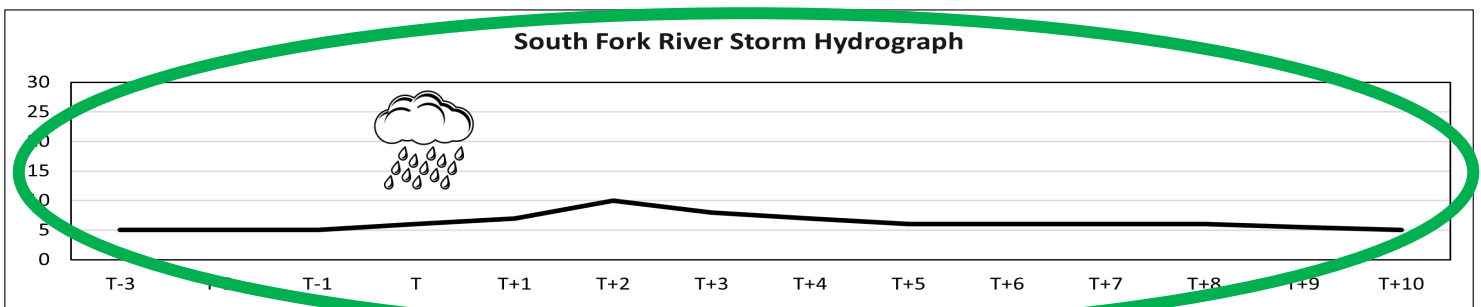
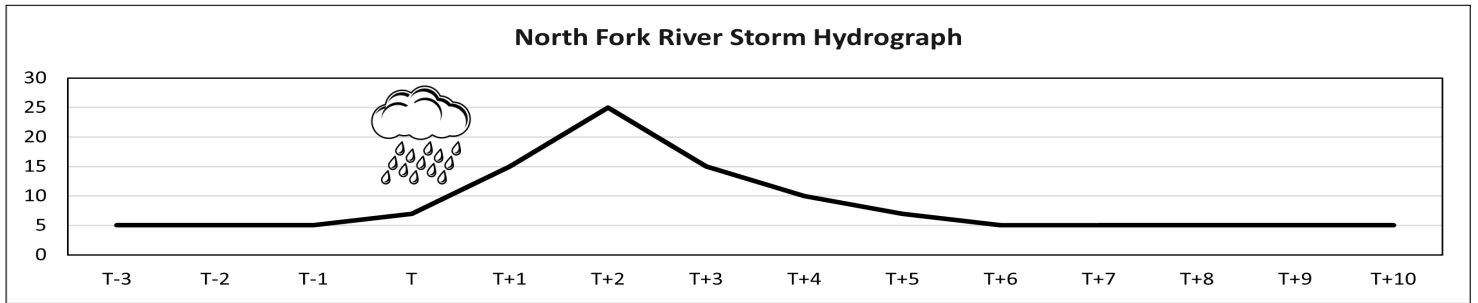
Habitat

The water that Upper Stillwater Dam and Reservoir holds helps to create important habitats for plants and animals. Using the chart below, draw a line between the animal and the place(s) it lives.



Flood Prevention

One of Upper Stillwater Dam's most important jobs is to keep communities safe by preventing flooding. The water that the dam collects is stored in its reservoir and can be sent downstream during periods of drought. Water managers can measure the effects that dams have on a river's flow using a special type of graph called a *hydrograph*. Compare the two hydrographs below and circle the one you think has a dam to help.



Water Deliveries

Upper Stillwater Dam helps to provide water to communities in Duchesne, Uintah, Wasatch, Utah, and Salt Lake Counties. Each community uses the water to support their local economies. A drop of water in Stillwater Reservoir could end up on a farmer's field to grow the food we eat, in a factory to help make the things we use, or even into the Olmsted Hydropower Plant to produce some of the electricity we need.

