

Below are three different 'Entry Stories' for the Data Puzzle entitled "Where did the Water Go?" Teachers are encouraged to select any of these stories as a way to engage their students to work through the Data Puzzle.

1. This Entry Story is a fabrication based information from the topo map:

"Local research scientist installed a stream station on Cascade Brook in order to measure how much water is flowing downstream to the neighboring community. A new golf course is being discussed and the plan is to use the stream water to help keep it green. The community has been monitoring rainfall in the watershed for several years, but they wanted to see if the rainfall numbers match the stream flow numbers at the gauging station. If less than 90% of the rainfall water is flowing through the gauging station the golf course project will not work. Let's find out."

2. This Entry Story focuses on the local community with a strong thread of truth:

"Local research scientist installed a stream station on Cascade Brook in order to measure how much water is flowing downstream to the neighboring community. The downstream community is dependent on the water from this watershed and has been monitoring rainfall in the watershed for several years. Now that there is a stream station installed the community wants to see if the rainfall numbers match the stream flow numbers at the gauging station. If too little of the rainfall water is flowing through the gauging station there is a concern that water supplies might run short. Let's find out."

3. This Entry Story is strictly factual:

"Local research scientist installed a stream station on Cascade Brook in order to measure how much water is flowing downstream to the neighboring community. Now that there is a stream station installed there is interest in seeing if the rainfall numbers match the stream flow numbers at the gauging station. Let's find out."