

Hydrology Podcast

1. The podcast video was mostly about \_\_\_\_\_.
2. Hydrology is important to study because it gives researchers and scientists information about \_\_\_\_\_.
3. How is stream flow measured? (Use the following words to help you:)

Depth	Velocity
Width	Streamflow



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4. How is water quality measured? (Use the following words to help you:)

Dissolved oxygen	Temperature
Specific conductivity	pH



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**Extension questions:**

A. Why would hydrology be a topic of interest to the National Park Service and researchers at Devils Postpile National Monument?

B. What impact, if any, do you think climate change could have on stream temperature and streamflow? The San Joaquin River flows out of Devils Postpile National Monument and into the Central Valley of California, where it is used for agriculture and hydroelectric power. How would changes to the stream impact people of California and the rest of the United States?