

# RECLAMATION

Managing Water in the West

U.S. Department of the Interior  
Bureau of Reclamation

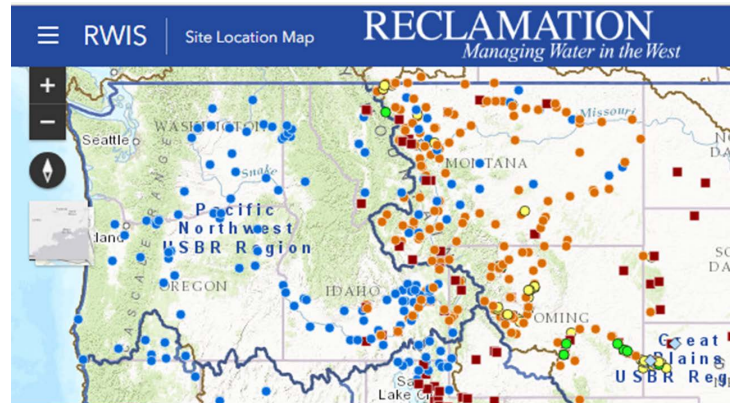
## Creating Tools with Reclamation Water Information System (RWIS) Data

<http://water.usbr.gov>

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### Our Vision:

The RWIS project aims to build a Reclamation-wide system to publicly share Reclamation's water data in open formats on the web.



### What does RWIS Do?

RWIS serves current and historical data from each of Reclamation's five regions. A map lets you get information by location, a query tool lets you select the sites and parameters that you are interested in, and a web service/API can automatically transfer data to your own tools, apps, and models. The RWIS pilot system launched in April 2017, and the system will be continue to be developed to include more data, features, and functionality.

### How can I use RWIS to develop data visualization and analysis tools?

With RWIS, you can automatically pull data into apps, models, tools, etc. The web service/API URL allows an automated exchange of data in standardized, machine-readable formats.

The system allows queries for multiple parameters and sites. It provides historic and real-time data in JSON, CSV, HTML, and interactive plots.



### Use RWIS data to create tools such as:

- An app that provides users with daily data updates from sites they are interested in.
- A visualization of reservoir storage conditions for a news story about drought in the West.
- An alert system for notifying emergency responders when river flow or stage exceeds flood levels.
- An interactive map combining Reclamation data with other Federal, State, and local agency data: basin-wide, state-wide, or Reclamation-wide.



#### SELECT YOUR DESIRED DATE RANGE (YYYY-MM-DD) OR PERIOD:

Current Month  Current Year  All Available Data

Date Range: From  To

#### SELECT YOUR DESIRED OUTPUT FORMAT:

Interactive Plot  HTML Table  JSON  CSV  WML2

Submit

#### Results

SAVE QUERY SELECTIONS: <https://water.usbr.gov/query/> Copy and Open

This URL will open in a new tab to bookmark it in your browser to save your query selections.

Save/bookmark this URL to return to your query results in the future, or use it as a web service to automatically transfer data from the RWIS portal to your own models, apps, or analysis tools.

These links only provide raw data.

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