Using Data from the Reclamation Water Information System (RWIS)

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 pilot project started in Spring 2016 and 2017. Further development and transition from the pilot to a full-featured system is anticipated to continue in 2017-2018.
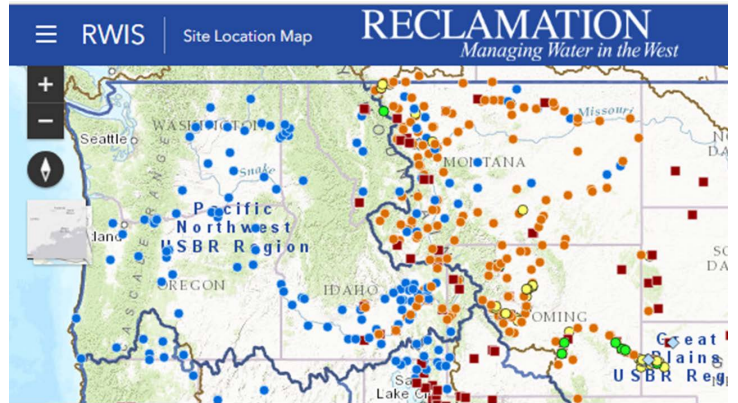
Who can use RWIS data?

In short, everyone. Sharing Reclamation's water data with other Federal, State, local, tribal, international, academic, and other organizations is now simple and consistent.

How will RWIS help me analyze water data?

Reclamation's historical and current data for weather, flow, elevations, power and more can inform many analyses (biological, economic, crop use). Before RWIS, accessing these datasets involved working with each one separately.

With RWIS, you have easy access to view and download water data for all of Reclamation's regions. The web service/API URL allows an automated exchange of data in standardized, machine-readable formats. Thus, you can automatically transfer data from RWIS to use in apps, models, tools, etc. The system allows queries for multiple parameters and sites. It provides historic and real-time data in interactive plots and JSON, CSV, HTML, and WML2 formats. You could use RWIS data for analyses such as:

- Simulating how releases from Reclamation reservoirs affect operations of your water supply system

- Understanding historical canal system flows to inform decision-making about future canal construction

- Studying reservoir releases to understand impacts on downstream fish populations

- Mapping real-time Reclamation reservoir storage and releases along with real-time data from your hydrologic monitoring networks

Results

Query URL: http://bit.ly/2fECHfp   [View] [Download]

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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