

Reclamation Water Information System (RWIS) Jan 2017 Update

Contact: RWIS Team: rwis@usbr.gov | Jim Nagode: 303-445-2038



Preview the site!

Visit <http://140.215.104.207/rwis/index.php> to browse the map interface, test the query tool, and download data. This is a draft site, and all content is subject to change. Only available on the DOI network.

The RWIS team welcomes your feedback at rwis@usbr.gov.

Project Status - End of December 2016

- Work on data standard, metadata application, and database connections is substantially complete.
- Work on web portal is substantially complete.
- Security review by independent assessors is scheduled to begin the first week in January 2017.
- Launch plan is being drafted for anticipated product release in conjunction with World Water Day on March 22nd.

Next Steps

Planning is underway for further enhancement of the RWIS system for water data and its evolution into the [Reclamation Information Sharing Environment \(RISE\)](#). RISE will encompass data domains beyond water such as hydropower, infrastructure, and environmental data.

Project Goal:

Pilot a Reclamation-wide system to publicly share Reclamation's water data in open formats on the web.

Launch date: Spring 2017

Team Updates, Decisions, and Work in Progress

Data Standard, Metadata Application, and Database

Connections Teams: Work is substantially complete, but a number of issues arose in December that required action.

- Reviewed risks and benefits of hosting external data (e.g. SNOTEL) in the pilot RWIS portal. Decided to remove all external data from the system
- Discussed length of historical data to include in pilot. Decided to extend historical data back to January 2010 across all datasets.
- Made temporary and permanent fixes to the data acquisition program that syncs data from regional databases with the central database resulting from Reclamation-wide IT changes.

Infrastructure Team: Currently supporting work on the security review. Also working on a change management and version control system for use after launch, including a development server and Gitlab issue tracking.

Web-Portal Team: Work is substantially complete. Completed minor portal changes to reflect recent decisions regarding external data and time extent of data for pilot.

Security Review Team: Completed revisions of control statements and supporting documents in CSAM and scheduled the independent security assessment to start in January.

Outreach/Launch Team: Developed RISE overview fact sheet. Currently preparing launch plan and associated publicity materials. Working on upcoming Knowledge Stream newsletter on open data.