

Reclamation Water Information System (RWIS) Feb 2017 Update

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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. This is only available on the DOI network.

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

Project Status

- Data standard, metadata application, IT infrastructure, web portal, and database connections are substantially complete.
- Security review by independent assessors has begun. Request for provisional ATO is expected to be issued at the end of February.
- Minor bug fixes to web portal will be implemented after completion of security assessment
- Launch publicity materials are being drafted for anticipated product release in conjunction with World Water Day on March 22, 2017

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:

- PN region added over 200 datasets, including reservoirs, streams, and Agrimet data.
- Revised the RWIS Sync program to work within the Reclamation-wide implementation of https protocol
- Drafted documentation of the metadata application for inclusion in project report and tool documentation.
- Obtained security scans of regional web services

Infrastructure Team:

- Working on updating RWIS Sync program to fix nonfunctional data transfer from regional databases to central database resulting from implementation of https protocol
- Working on a change management and version control system for use after launch, including a development server and Gitlab issue tracking.

Web-Portal Team:

- Identified bug fixes to implement after security assessment is complete and prior to launch

Security Review Team:

- DOI is reviewing the Privacy Impact Assessment. PIA should not hold up the ATO approval for RWIS.
- RWIS Security Assessment began in mid-January. Assessment contractor is currently reviewing security controls and performing interviews of RWIS team to gather information. Request for the provisional ATO is anticipated to be made at the end of February.
- Developing IT business case.

Outreach/Launch Team:

- Briefed Reclamation's Regional Planning Group and Reclamation Data Council on RWIS project
- Drafted plan for publicity and communications materials surrounding launch
- Drafted articles for Reclamation Knowledge Stream issue on open data
- Developing launch publicity materials including press releases, social media posts, and short publicity video