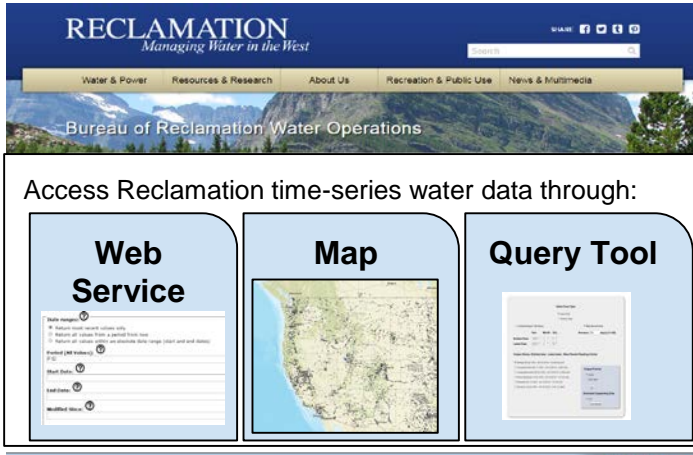


## Reclamation Water Information System (RWIS) Aug 2016 Update

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### Project Concept

Piloting a Reclamation-wide system to share Reclamation's water data in open formats on the internet.

**Launch date:** Jan 2017

### Accomplishments July 2016

- Built draft home page, query page, and map page for testing and further development.
- Built metadata application and syncing tool to add datasets to the central database and automatically load new records. Trained regional data stewards on process to load datasets.
- Loaded historical data to the central RWIS database for 4 out of 5 Regions.
- Cleaned up central database to limit loading of datasets to only those that comply with the RWIS data standard.
- Began initial security scans on applications, tools and code that have been developed.
- Began building security controls documentation to enter into CSAM.

### Team Updates, Decisions, and Work in Progress

**Data Standard Team:** No new actions.

**Infrastructure Team:** Completed code security inspection software installation and training. Development server is up; Gitlab for sharing code internally is under development.

**Metadata Application Team:** Application has been developed; data stewards have been trained.

**Web-Portal Team:** Finalized requirements document. Homepage being translated to PHP. Map interface will use ArcGIS rather than Google maps.

**Database Connections Team:** Working on a process to choose which MP data is loaded.

**Security Review:** Communicating with DOI to confirm that system launch does not hinge on a complete Privacy Impact Assessment (PIA).

### High Level Overview - August 2016

#### Project Goal:

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

#### Project Status:

- Draft web pages and portal components prepared and being revised.
- Cleaned up central database and populated with ~2400 datasets that comply with the data standard.
- Implemented automatic, scheduled loading of data to the central database for the last day, week, and month for all datasets in central database
- Developing tools for regional data stewards to manage their data in the central database. Currently, all Regions can add datasets. All regions except MP can specify which datasets to load. Working on a process to enable MP to choose datasets for loading.
- Developing system security documentation to support the authority to operate (ATO).