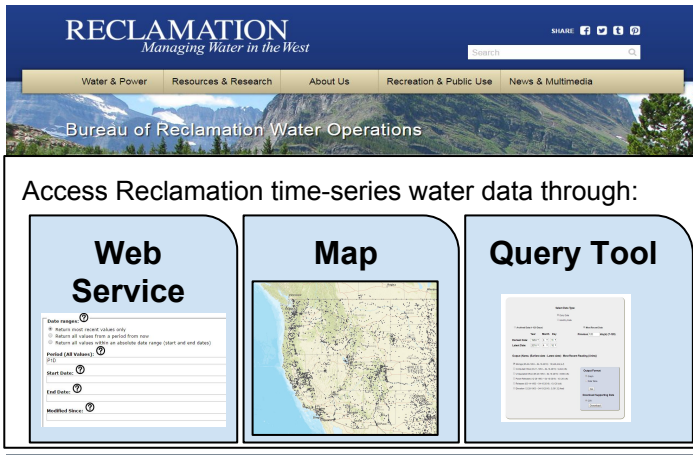


## Reclamation Water Information System (RWIS) July 2016 Update

Contact: Jim Nagode, [jbnagode@usbr.gov](mailto:jbnagode@usbr.gov), 303-445-6575



### Project Concept

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

### Accomplishments June 2016

- Data Standard Team delivered its product for Phase 1. The data standard is being used by multiple teams: Metadata Application, Database Connections, and Web-Portal Teams.
- Held in-person meeting to discuss system architecture and develop requirements and mockups for RWIS homepage and portal
- New team formed to work with the Regions on connecting to the Regional Databases.
- Surfaced potential concerns Public Affairs might have with the creation of a "mission data" page and began planning for discussions with them.

### Proposed RLT Bullets - July 13, 2016

- Targeted launch date: January 2017
- Pilot project for a Reclamation-wide system to publicly share Reclamation's water data in open formats on the web.
- Status:
  - Data Standard team delivered phase 1 product.
  - Web Portal Team developed draft mockups of RWIS homepage and data access applications; meeting planned to review requirements with Regional water data users and data stewards. Developers to begin work on initial products due mid-August.
  - Database connections in place for UC, LC, PN, and GP. Team is working to connect to MP HAR.
  - Decision made to pursue internal development of all pilot components. Security Team and Planning Team are meeting with IT Security and R&D to refine the approach to approving RWIS for launch.

### Team Updates

- **Data Standard Team:** Delivered data standard
- **Infrastructure Team:** Concentrating on hardware and software architecture for RWIS.
- **Metadata Application Team:** Modified PISCES to incorporate data standard. Currently applying data standard to clean up central database.
- **Web-Portal Team:** Developed draft homepage mock-ups and requirements. Will get review by Regional SMEs and begin PHP development
- **Database Connections Team:** New team - will work with Regions on connections to regional databases. Current focus is developing connection to MP's HAR. Connections to UC and LC's HDB, and PN and GP's Hydromet/Agrimet are in place.
- **Security Review:** Decided on portal programming approach. Currently refining plan for security review in coordination with IT Security staff.