

Topics

- Reclamation Mission
- New Developments in Asset Management
 - Past, current, future state



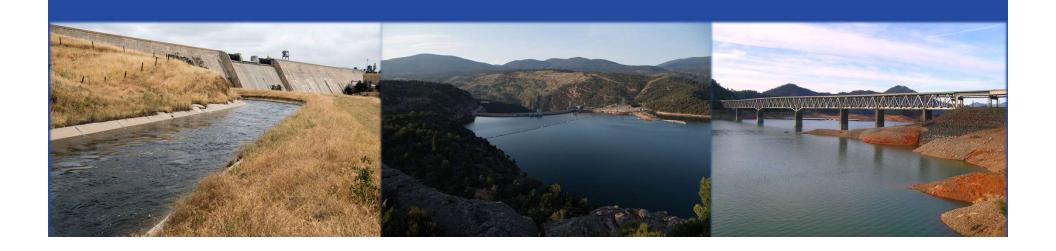
RECLAMATION Managing Water in the West

Mission

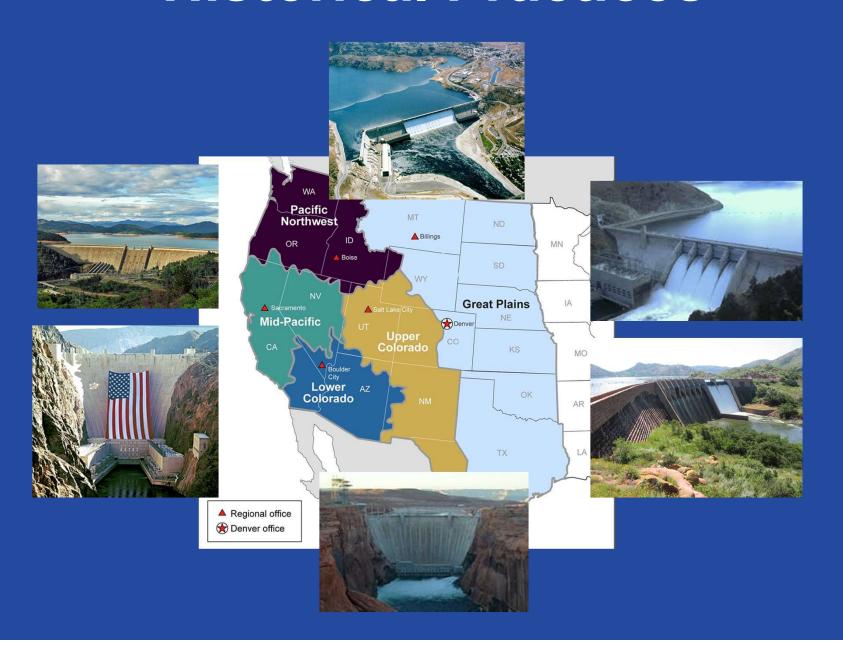
Reclamation's mission is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

Reclamation Brief Overview

- 492 dams
- 338 reservoirs
- 76 hydropower plants
- 300+ recreation and wildlife areas
- 2,600 miles of public roads
- 300 public bridges
- 1,500 total bridges
- 1,300 miles of trails



Historical Practices



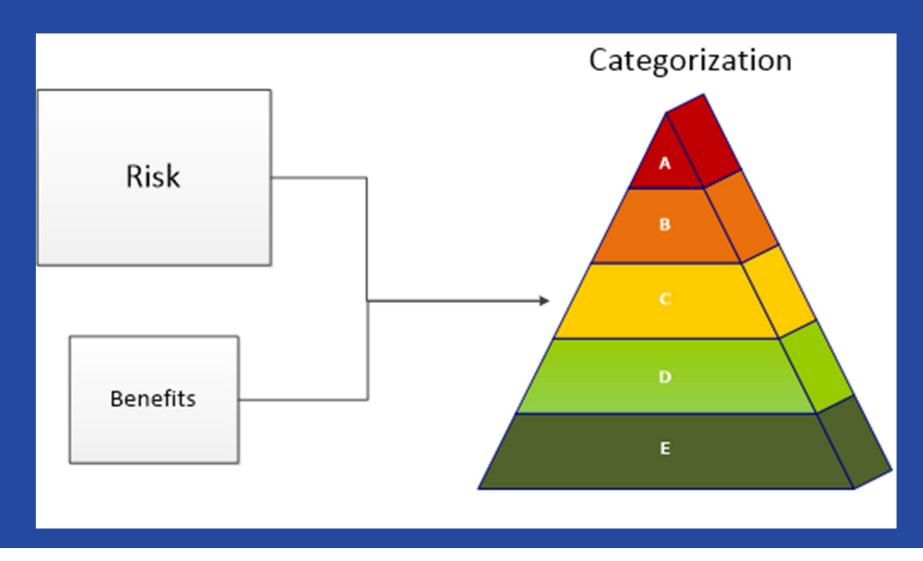
John D. Dingell, Jr. Conservation, Management, and Recreation Act, P.L. 116-9

Title VIII – Water and Power, Subtitle G - Reclamation Transparency Act (Section 8601)

Asset Management Plan every 2 years to include:

- Assessment of major repair needs
- Itemized list of repair needs by facility
- Level of cost estimate
- Appropriations needed to complete each item
- Categorical rating for each repair item

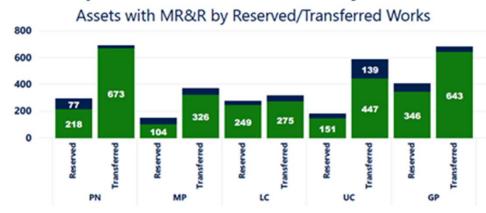
Major Rehabilitation and Replacement (MR&R)



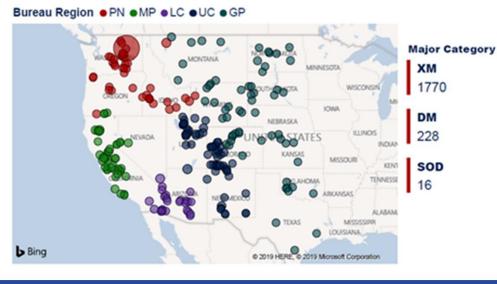
2018 MR&R

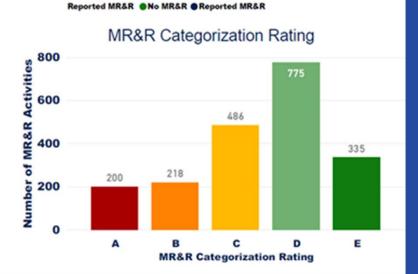
Reclamation FY18 Major Rehabilitation & Replacement Data Summary

Region	Number of MR&R Activities	Estimated 5- Year MR&R Total (\$)	Estimated 30- Year MR&R Total (\$)
PN	643	\$895,361,316	\$4,903,960,873
MP	533	\$857,491,565	\$3,045,301,675
UC	445	\$532,237,404	\$1,386,719,234
GP	187	\$378,838,100	\$639,498,800
LC	206	\$315,877,350	\$437,422,800
Total	2014	\$2,979,805,735	\$10,412,903,382

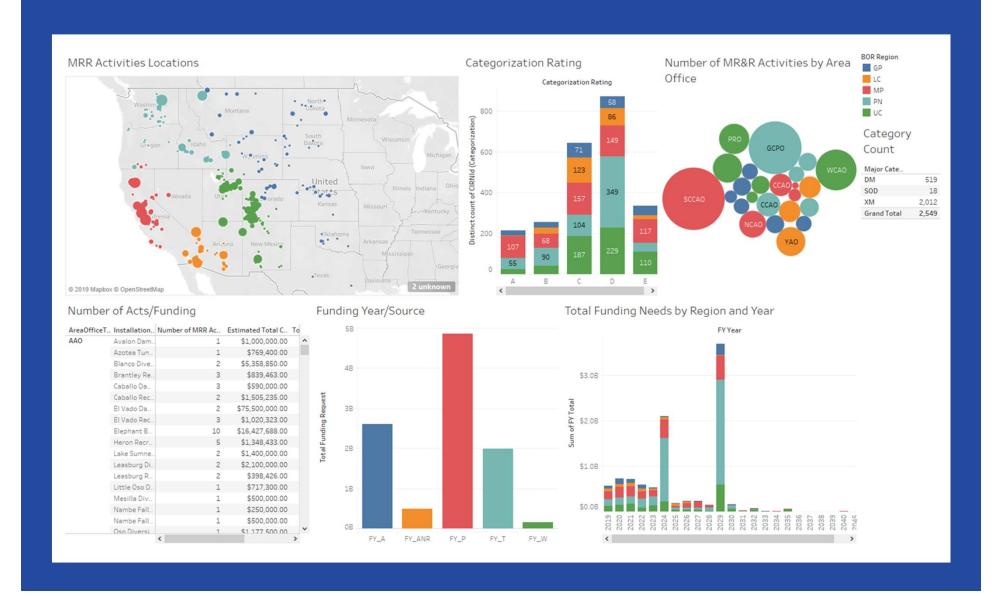


30-Year MR&R Total by Region





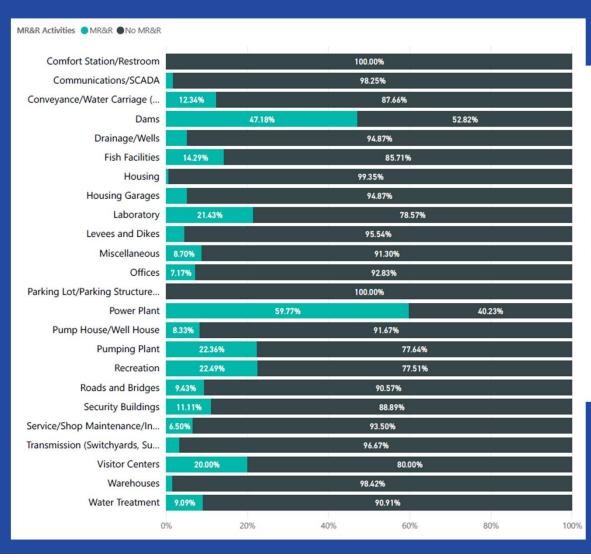
Data Visualization

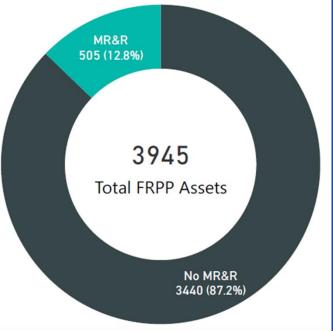


Condition Data



State of MR&R Reporting





Analysis based on Reclamation Federal Real Property Profile and Major Rehabilitation and Replacement FY 2018 Reporting

RECLAMATION

Managing Water in the West

STRATEGIC ASSET MANAGEMENT PLAN



U.S. Department of the Interior Bureau of Reclamation

September 2019

Reclamation - Future State

- Collecting Good Data
- Streamline Data Collection
- Condition Assessments
- Incorporating GIS Spatial Data
- Workforce Planning
- Predictive Analytics



