National Wild and Scenic Rivers

Database and Story Map

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Outline of Presentation

- National Wild and Scenic River Database
- Wild and Scenic Story Map Application (AGOL)
- Web Maps (AGOL)
- Next Steps
 - Improve database
 - Link web maps to rivers.gov
- Lessons Learned

Acknowledgements









- Susan Rosebrough, National Park Service, Wild and Scenic River Project Manager
- Peter Bonsall, National Park Service, GIS Technician
- Joan Harn, National Park Service, Co-Chair of the Wild and Scenic Rivers Council
- Steve Bowes, National Park Service, Hydropower and Wild and Scenic Rivers Programs, California Project Coordinator
- Andrew Keske, U.S. Forest Service, GIS Specialist
- Steve Boutcher, U.S. Forest Service, Wilderness and Wild and Scenic Data Manager
- Illana Cohen, Bureau of Land Management, Wild and Scenic Rivers Coordinator
- Dan Haas, U.S. Fish and Wildlife Service, Web Coordinator
- Caitlin Scopel, Environmental Science Research Institute (ESRI)
- Jon Bowen, Environmental Science Research Institute (ESRI)
- Wikimedia Commons (http://commons.wikimedia.org/)



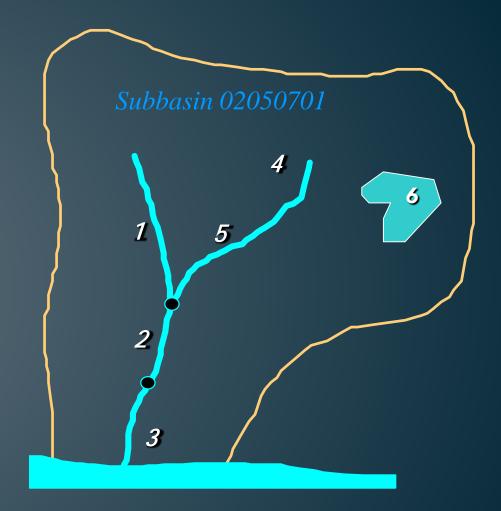
National Wild and Scenic Rivers Database

Workflow

- NHD "event table"
 - Permanent Identifier
 - Event Date
 - From Reach Code
 - To Reach Code
 - From Measure
 - To Measure
- Extract data from NHD
 - Copy/Paste
 - Hydrography Event Management Tool (nhd.usgs.gov/tools)



 Linear Referencing/Dynamic Segmentation



Each reach is an "addressable" unit (e.g. 02050701000001)



Workflow (cont.)

- Attribute data entered using various systems (USFS- Oracle database, NPS-Spreadsheets).
- Developed a system for assigning River IDs and Segment IDs
- Data merged to create a single geodatabase for all National Wild and Scenic Rivers



Story/Web Map (next steps)

- Integrate story map and web maps with Rivers.gov
- Add logos (Federal Agencies and W&SR Council)
- Work with ESRI to improve story map
- Present story map to the Wild and Scenic River Council for final approval

Next Steps (Database)

- Add more links to photos to river level database
- Add/repair links to local web sites
- Populate ORV fields for BLM rivers
- Correct errors
- Develop a more streamlined process for synchronizing edits between Federal Agencies

Lessons Learned

Collaborating with multiple agencies is challenging

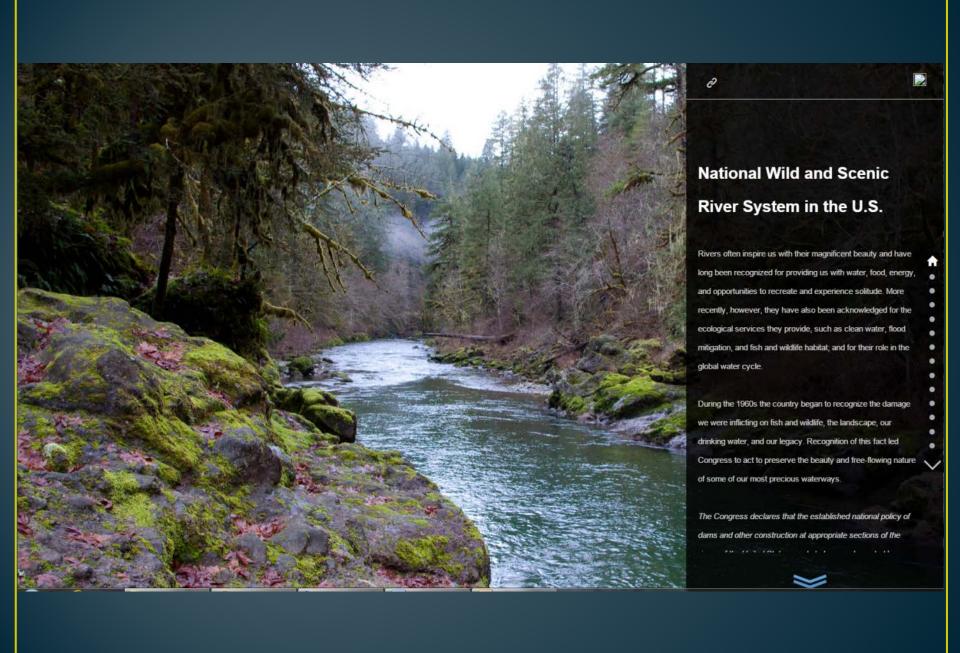
Database

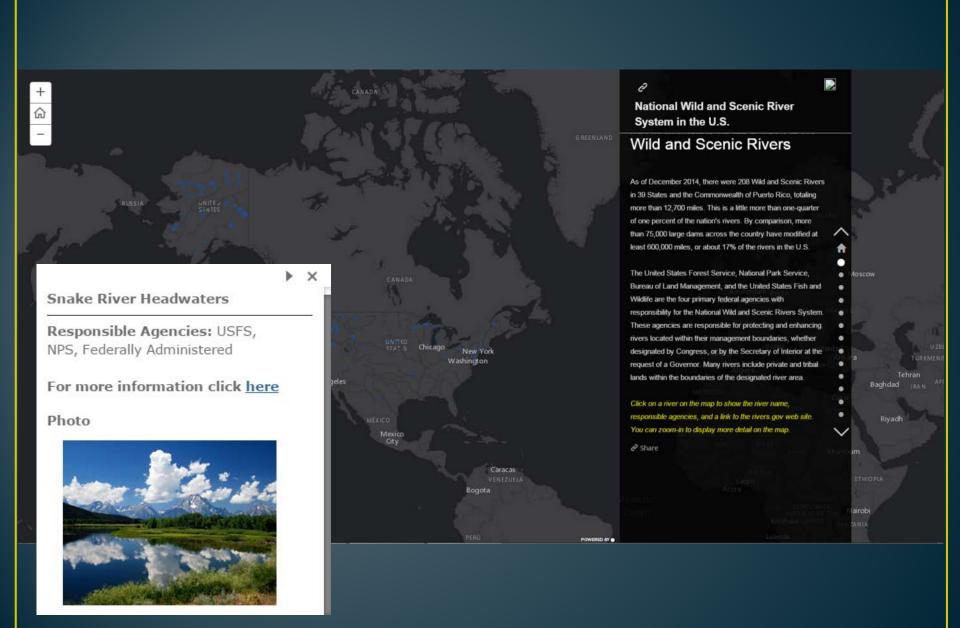
- Spent too much time trying to populate reach codes for W&SRs
- Use yes/no fields when possible
- Finalize database (as much as possible) before creating web maps and applications
- Web Maps/Applications
 - Keep it simple
 - Maps and applications should highlight your project
 - Create separate web maps for each theme

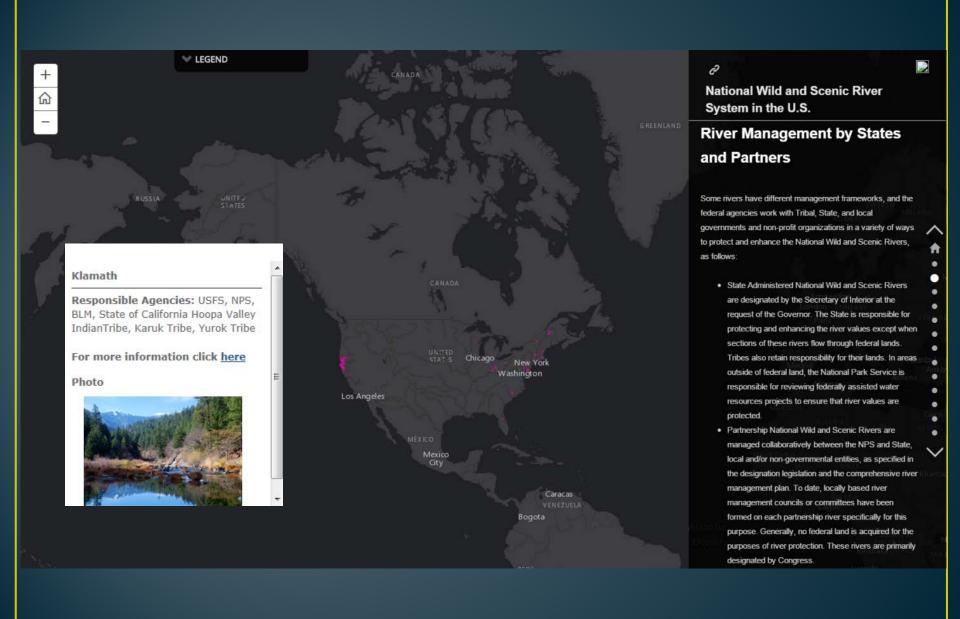
Thanks for hanging in there!

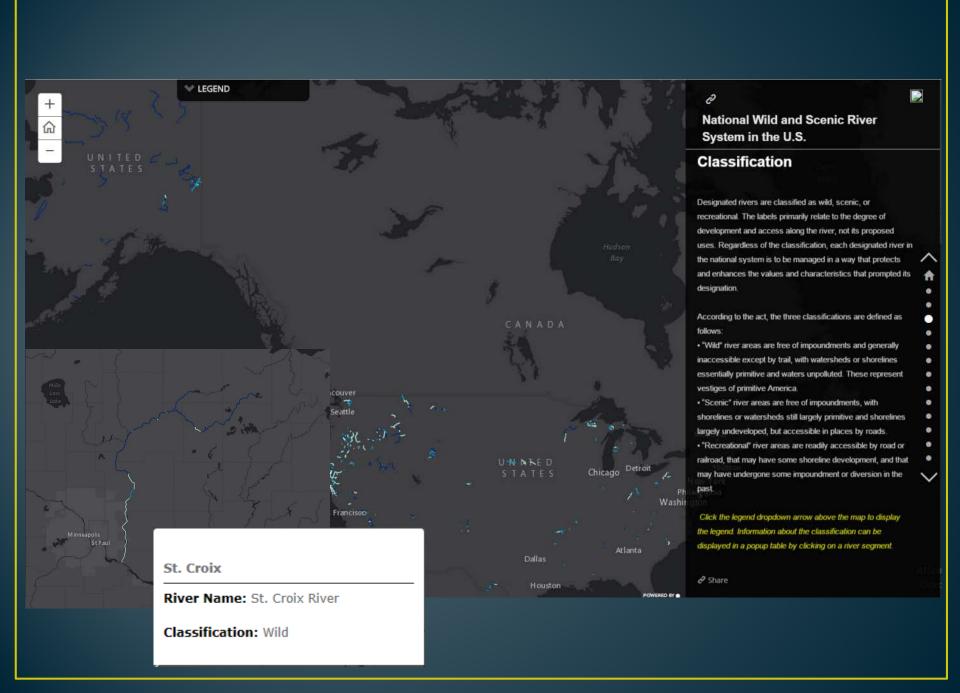


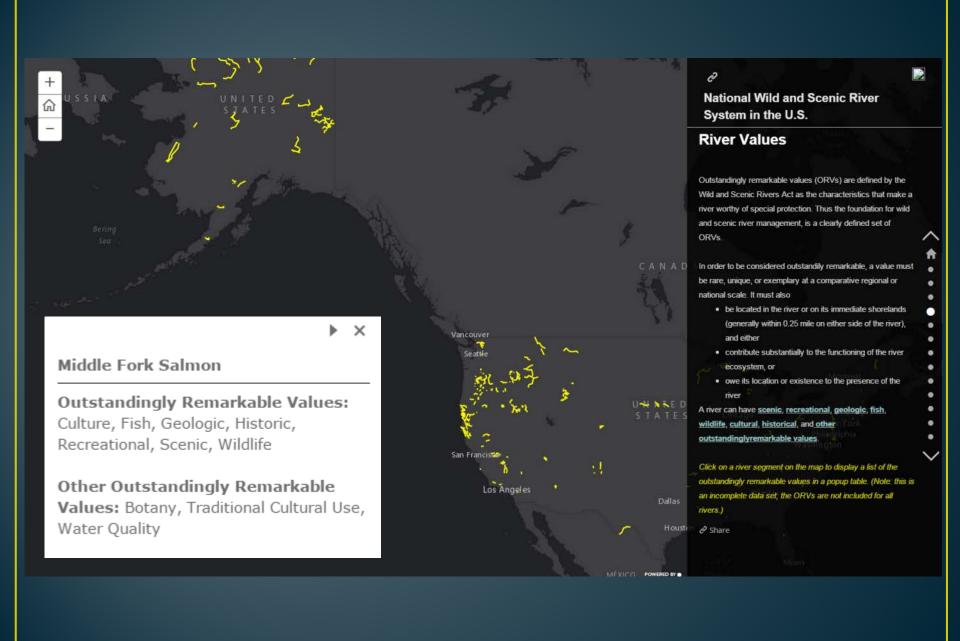
sandy margriter@nps.gov 415-623-2209 susan rosebrough@nps.gov 206 220-4121

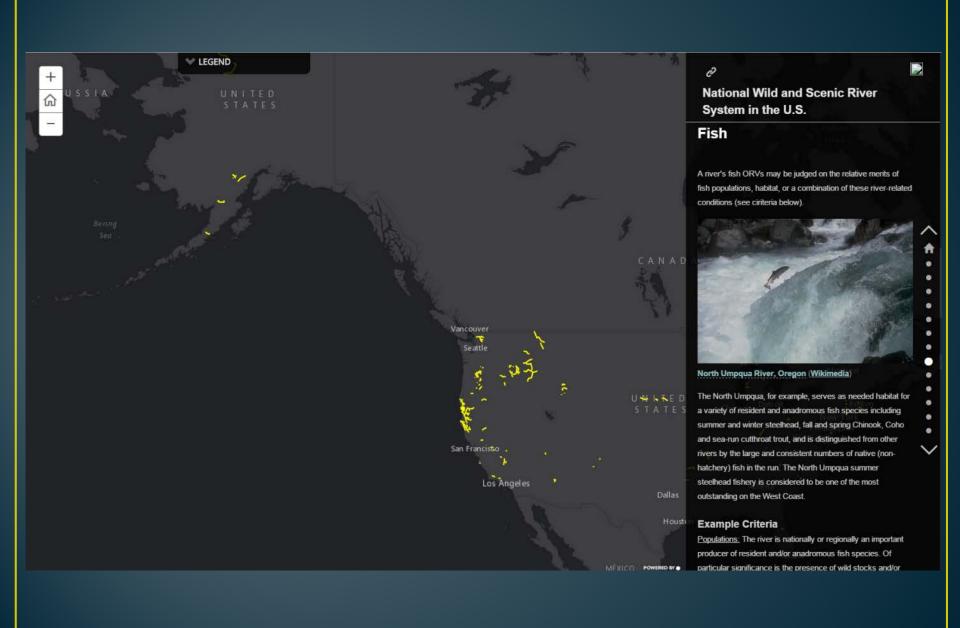


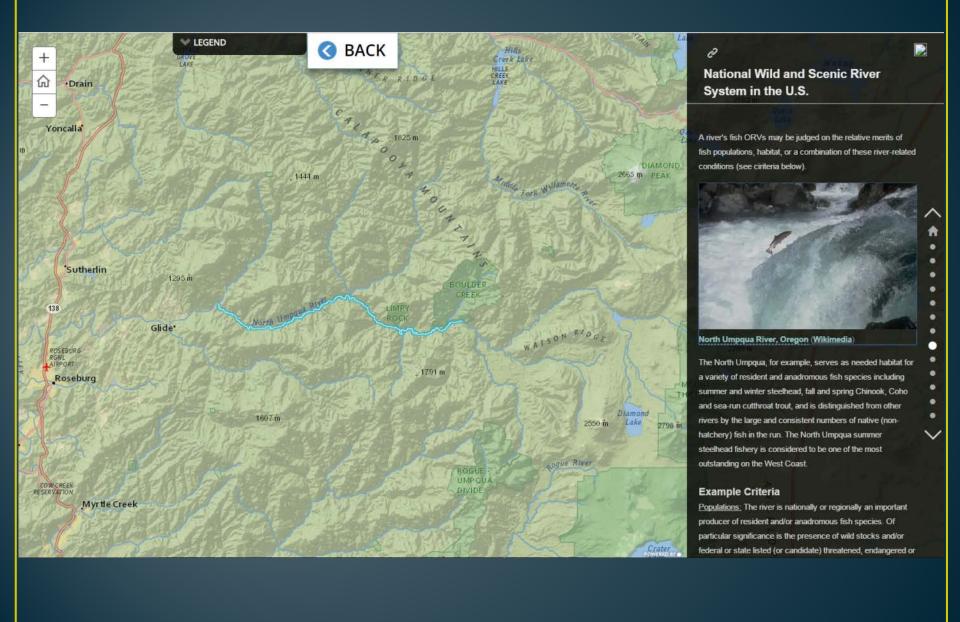


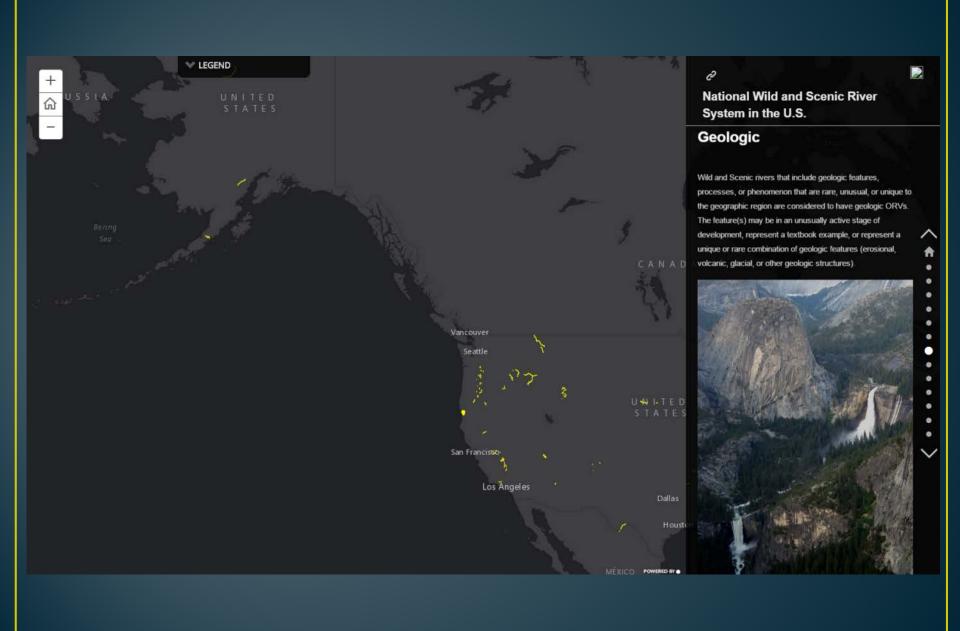


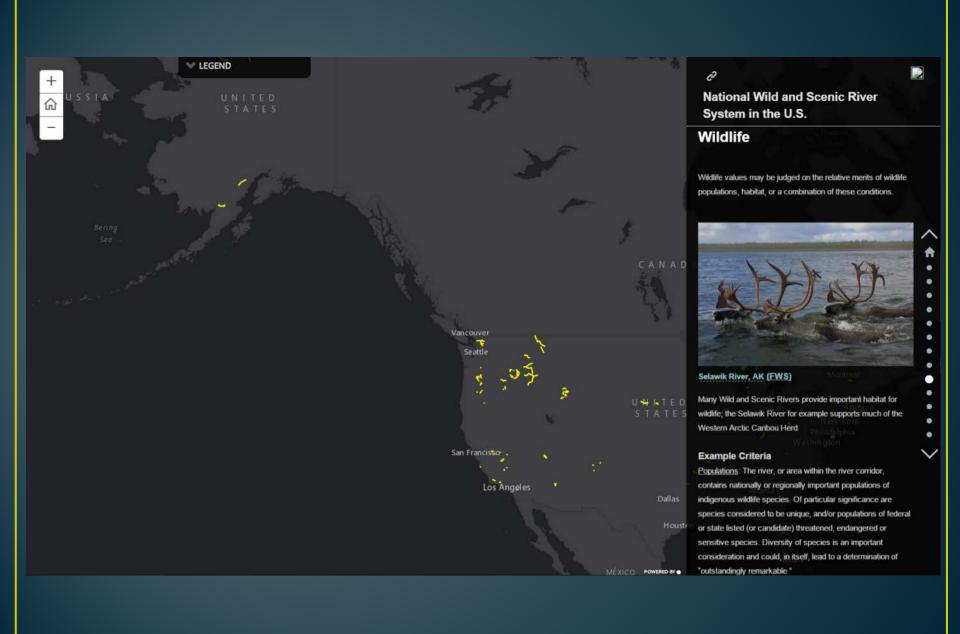


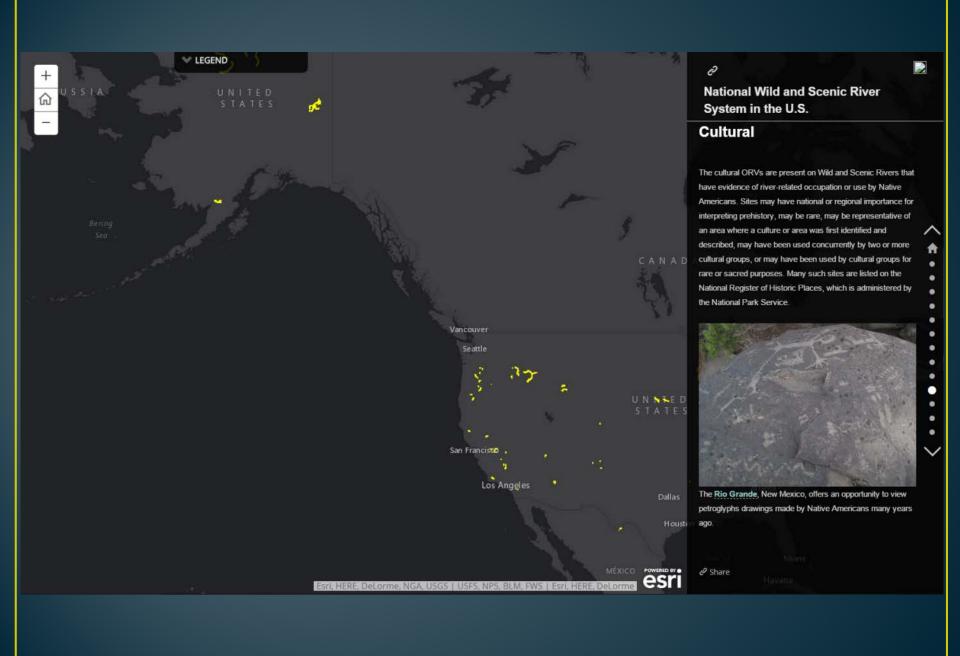


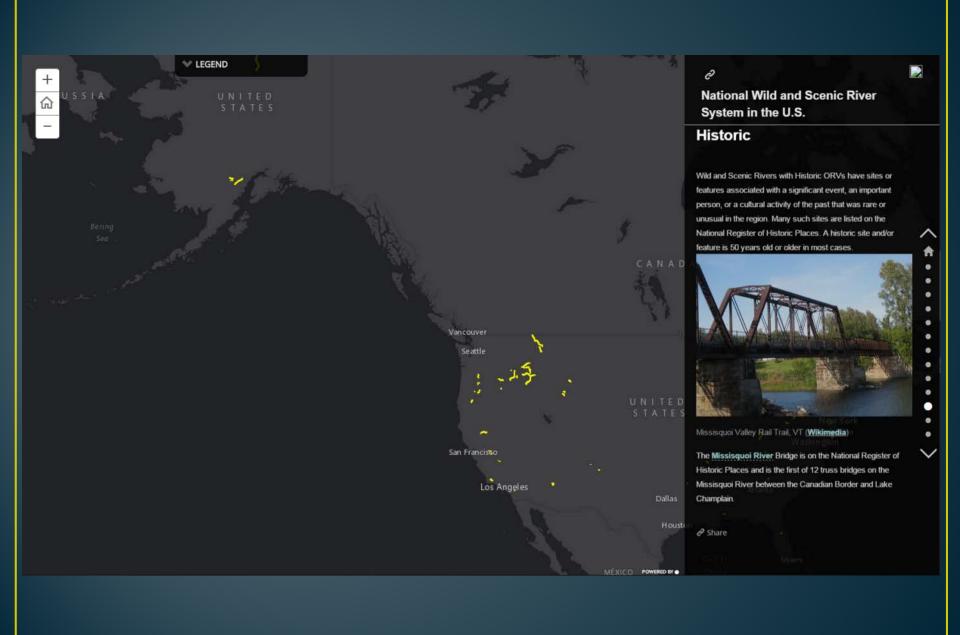


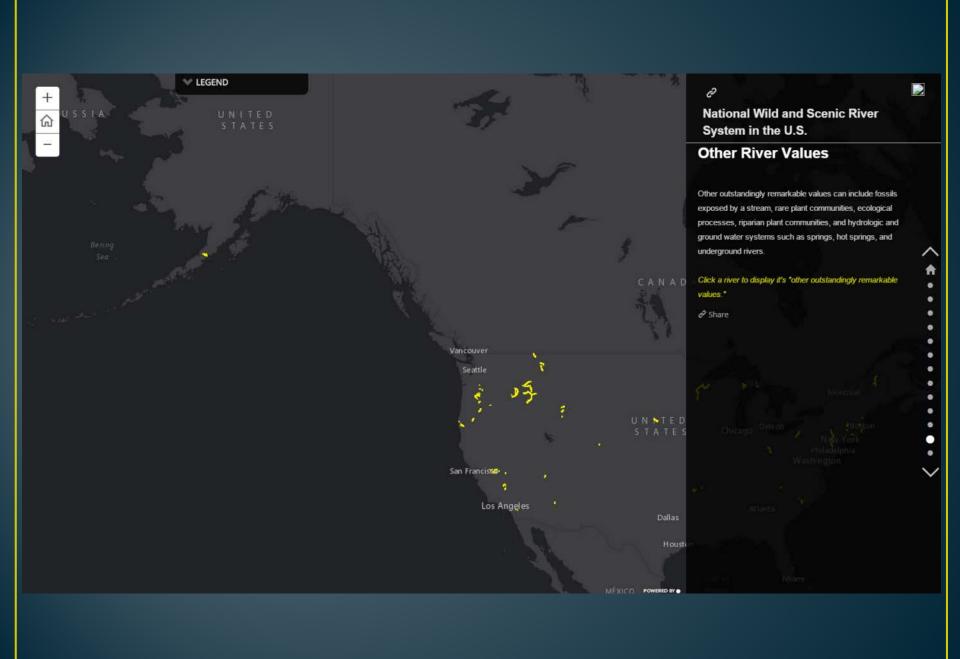


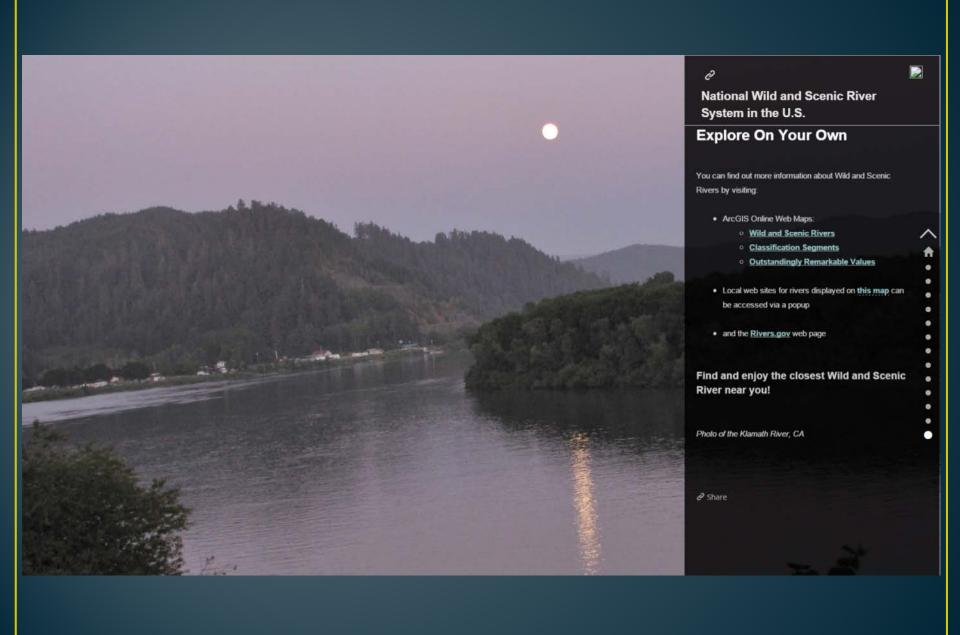


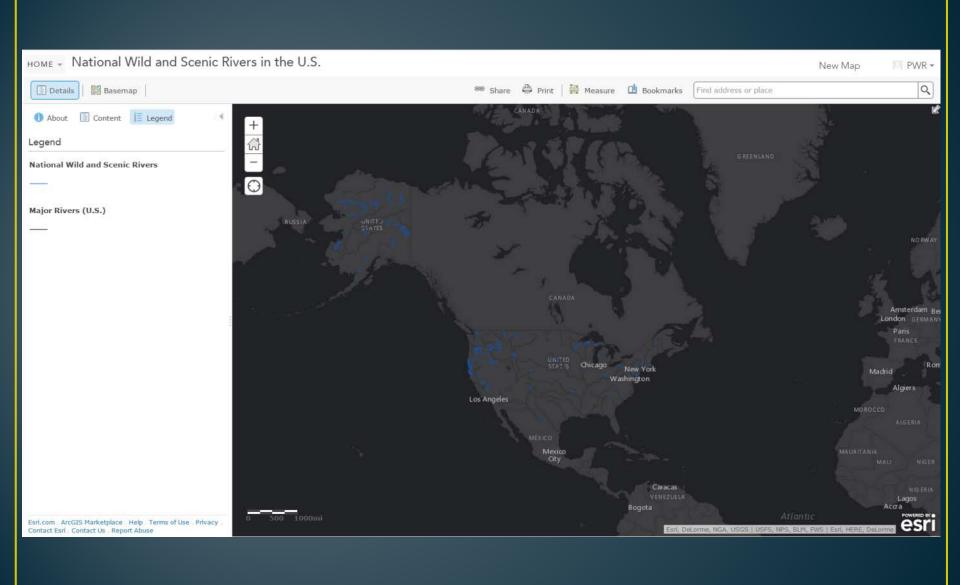


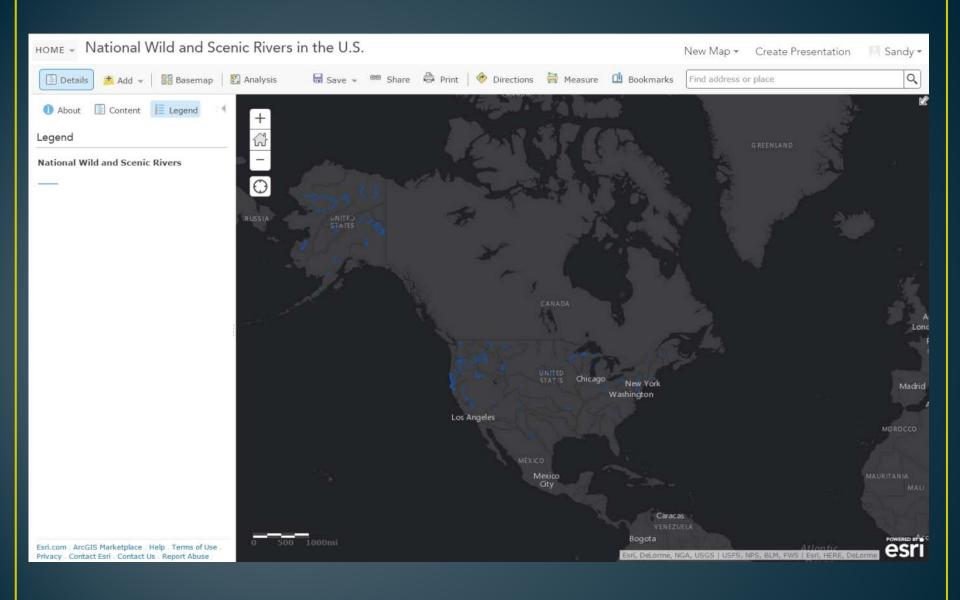


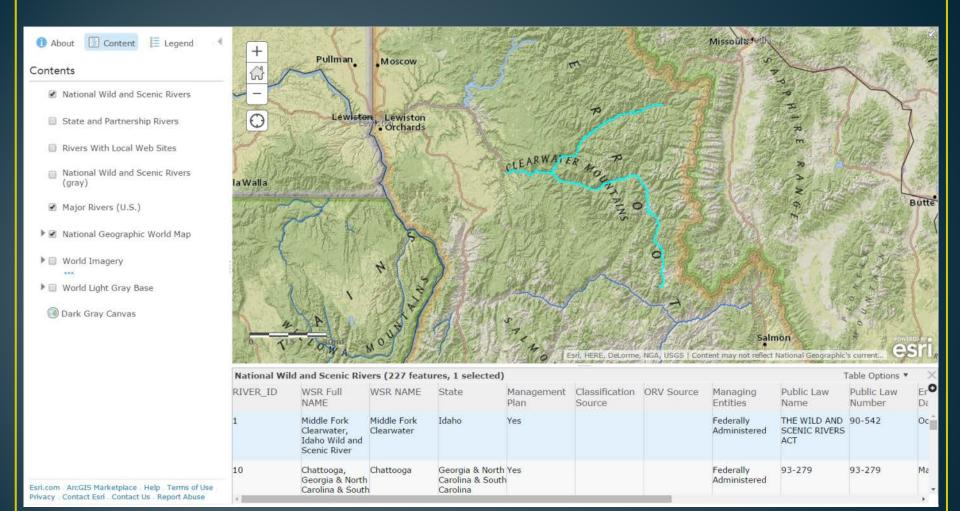














NATIONAL WILD AND SCENIC RIVERS SYSTEM









HOME

NATIONAL SYSTEM

MANAGEMENT

RESOURCES

PUBLICATIONS

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KID'S SITE



DID YOU KNOW...

Less than 1/4 of 1% of our rivers are protected under the National Wild & Scenic Rivers System.















A NATIONAL SYSTEM

In the past 50 years, we have learned—all too slowly, I think—to prize and protect God's precious gifts. Because we have, our own children and grandchildren will come to know and come to love the great forests and the wild rivers that we have protected and left to them . . . An unspoiled river is a very rare thing in this Nation today. Their flow and vitality have been

EXPLORE DESIGNATED RIVERS



Rivers.gov

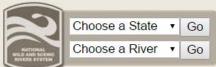


NORTH CAROLINA

North Carolina has approximately 37,853 miles of river, of which 144.5 miles are designated as wild & scenic—less than 4/10ths of 1% of the state's river miles.

Chattooga River Horsepasture River Lumber River New River Wilson Creek





CHATTOOGA RIVER, GEORGIA, N. CAROLINA, S. CAROLINA

Managing Agency:

U.S. Forest Service, Chattahoochee National Forest

U.S. Forest Service, Nantahala National Forest

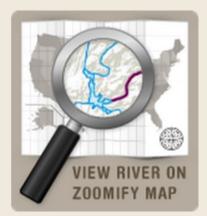
U.S. Forest Service, Sumter National Forest



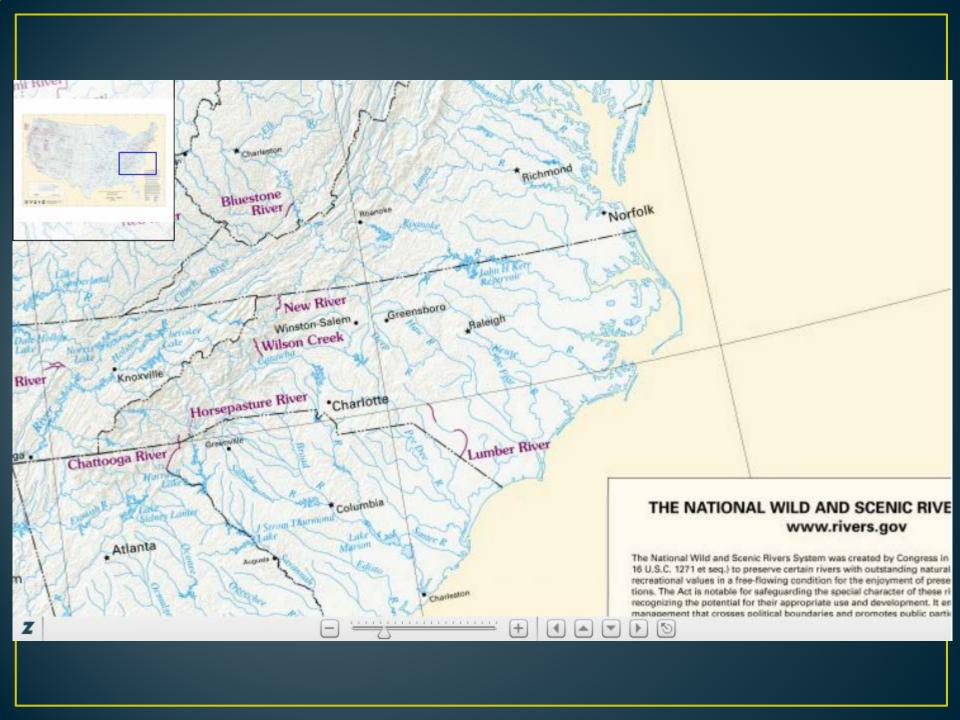
May 10, 1974. The segment from 0.8 miles below Cashiers Lake in North Carolina to the Tugaloo Reservoir. The West Fork from its confluence with the main stem upstream 7.3 miles.

Classification/Mileage:

Wild — 41.6 miles; Scenic — 2.5 miles; Recreational — 14.6 miles; Total — 58.7 miles.







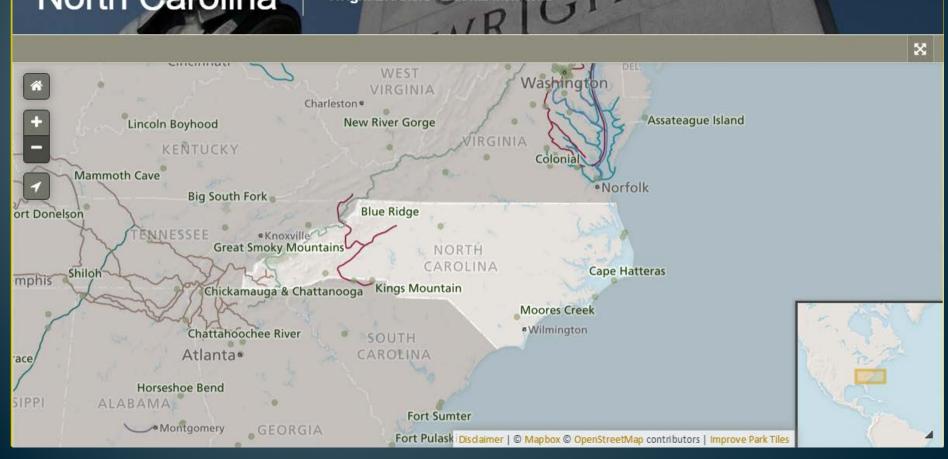
IN PARTNERSHIP WITH THE OFFICE OF COMMUNICATIONS

State Page Maps

Discover the impact the National Park
Service has on your state National Park
PARK

North Carolina

Wright Brothers National Memorial



Management / Stewardship

• The United States Forest Service, National Park Service, Bureau of Land Management, and the United States Fish and Wildlife are the four primary federal agencies with responsibility for the National Wild and Scenic River System.

