

Missouri River Corps of Rediscovery



Scott Robinson

- USMC veteran
- BS Mechanical Engineering from Arizona State University
- Graduate of Gone Feral Apprenticeship Program
- Canoeed 52 miles on the Green River in Canyon Lands National Park
- Hiked Buckskin Gulch and Paria Canyon
- Hiked the Colorado Trail sections 1-4
- Certified Wilderness First Aid Responder (WFR)
- Employment: On sabbatical from a career as a process engineer





Prepped and Frosty Introduction

Web Site: www.preppedandfrosty.com

Facebook: Prepped and Frosty

Prepped – Organized , flexible readiness

Frosty – Alert and ready to say yes to opportunities.

Motto: Go, Do, Share, Enable

Go and Do:

Share: Publish and present

Enable: Inspire and motivate you to do your thing
(personal adventure)

- 3-10 people per year attempt to paddle the Missouri River.
- 2019 stats:
 - 4 Missouri River Expeditions
 - All had at least one hand crafted boat
 - Historical flood conditions on record

 **Norman Miller** is with Mark Fingerhut.
 Admin · November 6

"To try and process the magnitude of what we've done will take some time" - Scott Robinson- August 3, 2019. The perfect quote to end the expedition season on the Missouri river. It was a fantastic year with some of the most unique expeditions by members of the MoRP. Of the 4-major expeditions, **ALL were using a boat that was hand crafted for the journey.** Boats named - *MoStar, Muskrat, Sturnella and Belladonna.* Our first paddler was *Mark Fingerhut*, who kayaked solo from Yello...
 See More



Launch Sequence:

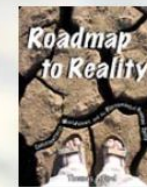
1. Mark Fingerhut - Madison River to St. Louis
2. Corps of Rediscovery - Three Forks to St. Louis
3. Mark Juras - Three Forks to Gulf of Mexico
4. Muskrat - Ashley's Return

Thomas J. Elpel - Expedition Leader and Mastermind

- From Pony, Montana
- Author: Botany in a Day, Primitive Living Skills, Wilderness Survival, Sustainable Living
- Founder of Green University, LLC for adults and Outdoor Wilderness Living School, LLC (OWLS) for public school children
- President of the Jefferson River Chapter of the Lewis and Clark Trail Heritage Foundation
- Founder of the Jefferson River Canoe Trail
- BOSS Field course graduate
- Tom Brown Jr. Tracking course graduate
- Instructor for 30 years at Rabbitstick Primitive Skills Gathering
- Works as an Author



[Green Prosperity](#)



[Roadmap to Reality](#)



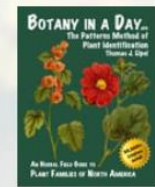
[Living Homes](#)



[Participating in Nature](#)



[Foraging the Mountain West](#)



[Botany in a Day](#)



[Shanley's Quest](#)

Belladonna Beaver – flagship of the expedition



Goals of the Expedition

- Three Forks, Montana to St. Louis, Missouri
~2341 miles
- Conduit for exploring the land and meeting its inhabitants
- Explore the geographical landscape and geology, flora and fauna
- Lewis and Clark theme as a lens for discovering the landscape through the eyes of Captain Meriwether Lewis and Captain William Clark



The logo for abc Montana, featuring the lowercase letters "abc" in a black circle to the left of the word "Montana" in a bold, black, sans-serif font. The logo is centered on a white horizontal bar that has a red stripe at its base. The background consists of abstract blue and white geometric shapes, including concentric circles and overlapping planes, creating a dynamic, modern look.

abc Montana

Montana

Right Now

ABCFOXMONTANA.COM

Bozeman

6:18 77°

Itinerary / The Float Plan - Sample

Date	Day Miles	Total River Miles Done	Percent Complete	Remaining Miles	Water	Campsite	GPS	Notes and Wayside Stops
7/30	23	670	30%	1583	River	BLM 6 South	48° 6'43.13"N 104°44'2.41"W	Brockton: 48° 8'41.03"N / 104°54'57.34"W
7/31	15	685	30%	1568	River	BLM 7 South	48° 7'2.93"N 104°31'18.97"W	
8/1	19	704	31%	1549	River	BLM 8 North	48° 3'4.68"N 104°11'37.55"W	Culbertson: Groceries Culbertson Bridge FAS (2.5 mile walk to town) 48° 7'20.32"N / 104°28'32.17"W
8/2	12	716	32%	1537	River	NORTH DAKOTA Fort Union	47°59'52.52"N 104° 2'36.69"W	Fort Union National Historic Site https://www.nps.gov/fous/index.htm Steep bank. Water levels will determine accessibility.
8/3	0	716	32%	1537	River	Fort Union	47°59'52.52"N 104° 2'36.69"W	Fort Union Indian Arts Showcase and Powwow https://www.nps.gov/fous/planyourvisit/indian-arts-showcase.htm
8/4	0	716	32%	1537	River	Fort Union	47°59'52.52"N 104° 2'36.69"W	Fort Union Indian Arts Showcase and Powwow https://www.nps.gov/fous/planyourvisit/indian-arts-showcase.htm
8/5	28	744	33%	1509	River	Highway 85 Boat Ramp Lewis & Clark Wildlife Management Area No campsites after this site for 12+ miles due to mudflats	48° 6'29.06"N / 103°42'50.57"W	Highway 58 Bridge: 47°59'1.05"N / 104° 0'58.21"W Confluence with Yellowstone River / County Park: Missouri-Yellowstone River Confluence Interpretive Center http://www.history.nd.gov/historicsites/mycic/index.html 47°59'9.45"N / 103°58'55.05"W Faucet water may need filtering. Overlook Wildlife Management Area: 47°57'20.22"N / 103°54'53.17"W Potential Access to Lake Trenton: 48° 3'38.44"N / 103°46'54.64"W Williston: Groceries (8 mile hitchhike)

- Float Plan was loaded into a Garmin Explorer Plus Satellite Communicator for daily navigation.
- Agenda based expedition vs a speedy decent.
- 5 months and 2 days on the water
- Approximately 180 waypoints (camp sites)
- Average miles in a day was 15 miles
- Our longest day was 56 miles

Chris Dawkins

Bird Language and Tracking

- From Olympic Peninsula, Washington
- Extensive world-wide travel
- 2 years of study at Wilderness Awareness School (WAS)
- Hiked the 800 Mile Arizona Trail
- Joined the semester long immersion program at Green University, LLC
- Employed in the construction industry



John Gentry

Wilderness First Responder

- From Robbins, Tennessee
- USMC veteran
- Hiked the 2190 mile Appalachian Trail
- Completed Sigma 3 Survival School, 45 day Level 1 Instructor Program and Level 2 Jungle/Coastal Program
- Completed BOSS 28 day field course
- Completed The Human Path's Herbalism for Professionals Course
- Numerous other classes and apprenticeships, including Deer Processing Intensive at Green University, LLC.
- Certified Wilderness First Aid Responder (WFR)
- Works in Wilderness Therapy with at-risk adolescents and young adults



Josiah Fischer

- Born in Australia and relocated to the U.S.A. at an early age
- Loves the outdoors
- Knowledgeable of general construction, living in the woods, growing food and foraging
- Participated in the Deer Processing Intensive at Green University, LLC
- Banjo busking expert



Missouri River ~ 2341 miles





The Missouri River

- 3 Distinct Sections
- 15 Dams

COMPLEX INTRESTS

- Native Cultures
- Westward Expansion of Manifest Destiny
- Historical Flooding
- Flood Control – US Army Corps of Engineers
- Jobs
- Farming
- Railroads
- Habitat and Species extinction
- Siltation



LARGE LAKES / RESERVOIRS AND DAMS

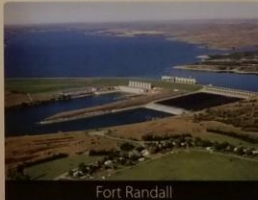
- Canyon Ferry Lake and Dam
- Fort Peck Lake: Fort Peck Dam
- Lake Sakakawea: Garrison Dam
- Lake Oahe: Oahe Dam
- Lake Sharp: Big Bend Dam
- Lake Francis Case: Fort Randall Dam
- Lewis and Clark Lake: Gavin's Point Dam



STORING WATER For Varied Needs



The U.S. Army Corps of Engineers operates the upstream reservoirs for a number of different purposes. The reservoirs provide water to:

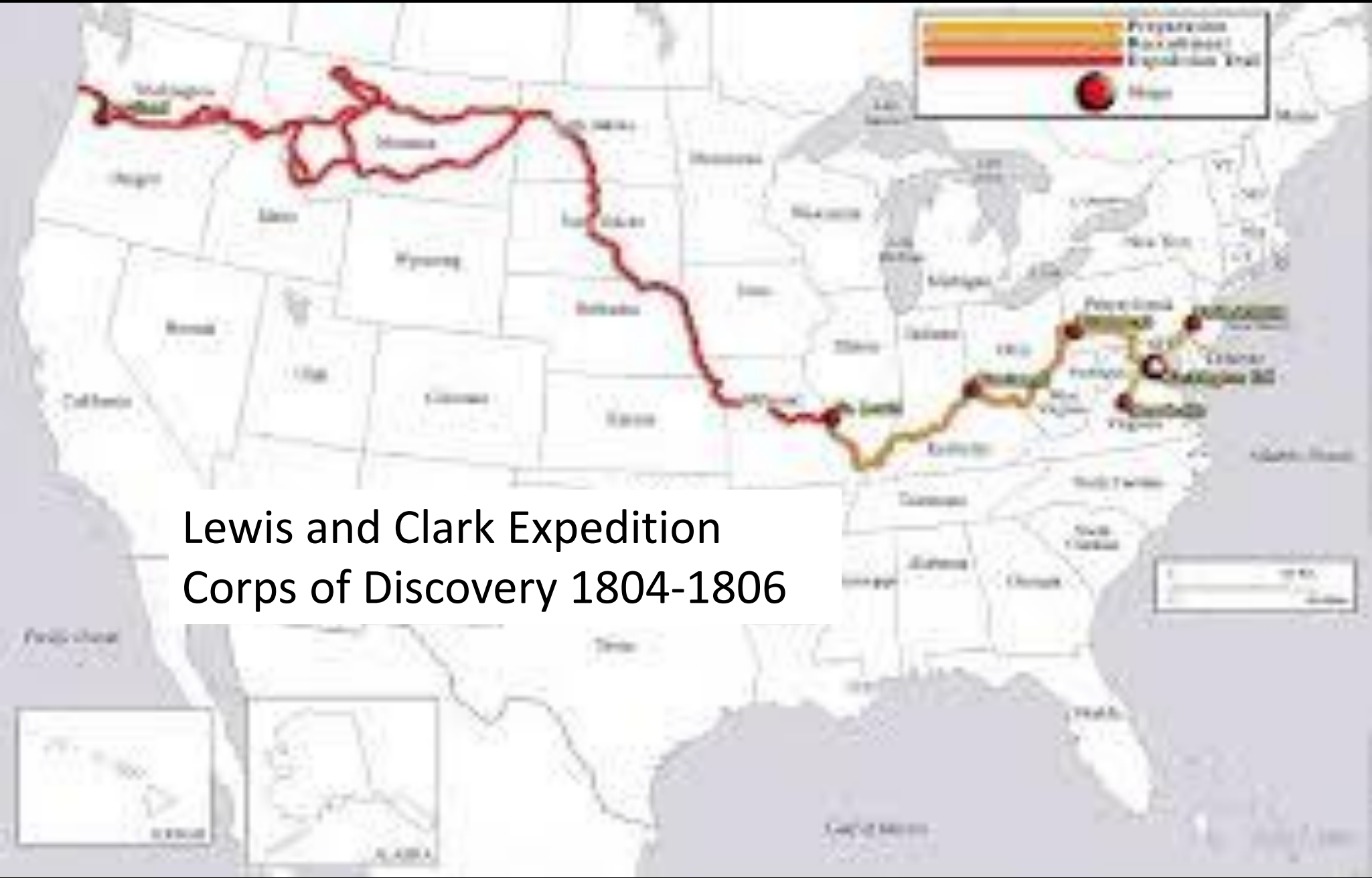


- Generate hydroelectricity;
- Guarantee a nine-foot depth in the navigation channel south of Sioux City;
- Deliver coolant water to power plants in the lower valley;
- Provide drinking water to municipalities;
- Support the reservoir fishery industry;
- Support the recreation and tourism industry.



To meet all of these purposes and to maximize the monetary benefits of the reservoir system, the U.S. Army Corps of Engineers keeps the reservoirs at a high level. It frees up only 16.3 million acre feet (MAF) of available reservoir storage out of a total of 73.1 million acre feet at the start of each year's runoff season on March 1.

In 2011, the 16.3 MAF of empty reservoir storage space was not enough to capture all the runoff entering the reservoirs. As a result, the U.S. Army Corps of Engineers discharged an unprecedented volume of water from the dams.



Lewis and Clark Expedition
Corps of Discovery 1804-1806

The Missouri River is constantly changing her course.



NATIONALGEOGRAPHIC.COM

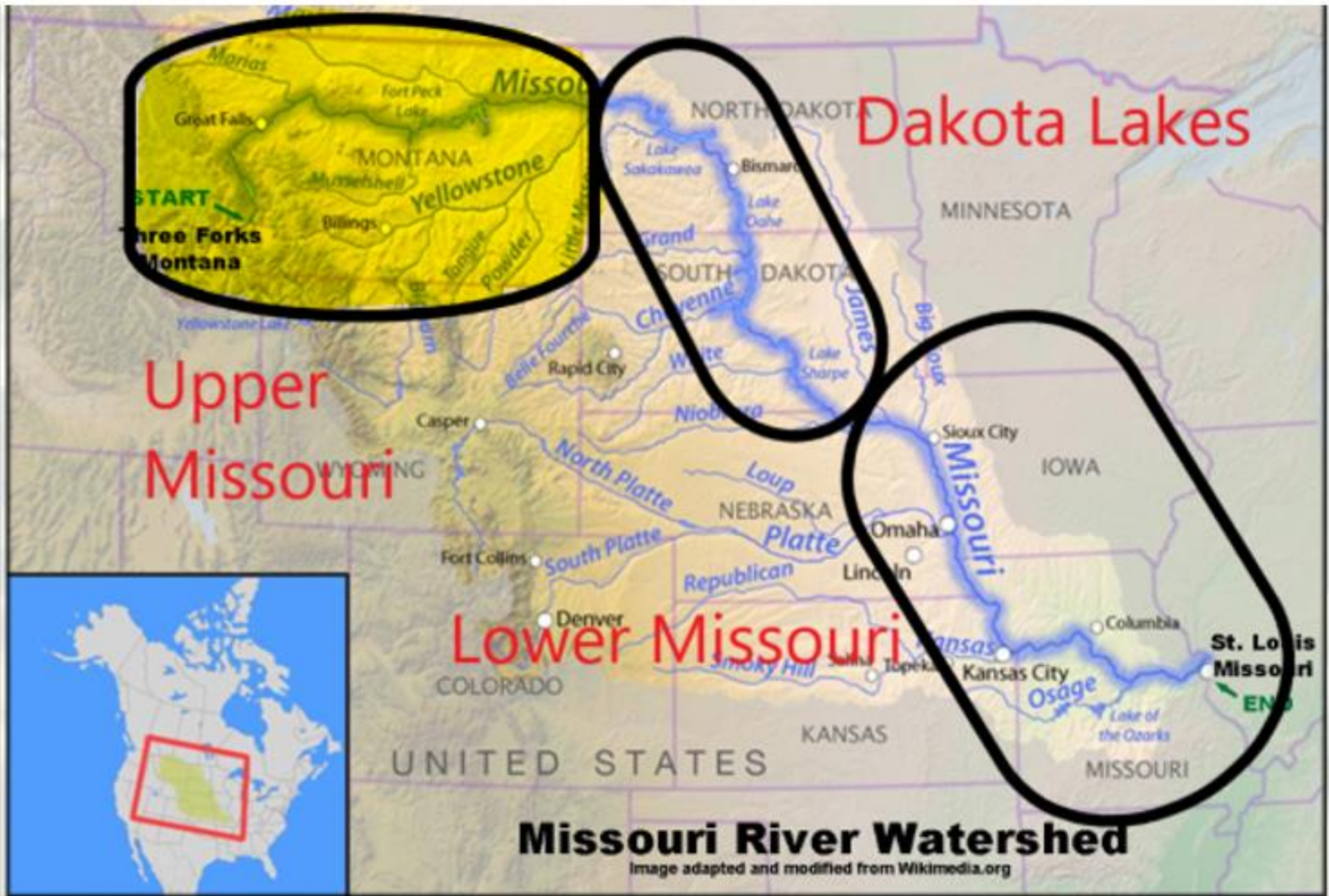
See the Mississippi River's hidden history, uncovered by lasers



Support Community for our Expedition: People who helped us.

- Missouri River Paddlers Association: Led by Norm Miller
 - fellow paddlers
 - river angels
 - *The Complete Paddler* by David Miller
- Lewis and Clark enthusiasts
- earth skills community
- strangers

When you adventure, you inspire and motivate others to
adventure as well.



Launch day
6/1/2019
Three Forks
Montana









DISCOVERY 165





Trains galore!







UPPER TOSTON RECREATION SITE

DANGER
Water level changes

CAMPING

CAMPING



with or without
warning

14
DAY
LIMIT

















Foraged wild green salad





Shanleya's Quest plant family recognition card game















Jim Emanuel – completed the Missouri River from Source to Sea











Old Town

DISCOVERY 169













































































Lewis & Clark National Historic Trail Interpretive Center



USDA Forest Service





28 Jun 1845
The first of our attempts to explore the Missouri river
by a practical means of it, in the direction and
communication with the sources of the Pacific ocean...
If the most direct & practicable route communication
is necessary for the purpose of commerce.

The Experiment





CAUTION
LOW CABLE



Relatively rare roll cloud

- High wind and rain is immanent







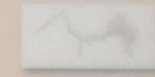


Missouri Breaks National Monument : Begin ~ 1 month without re-supply

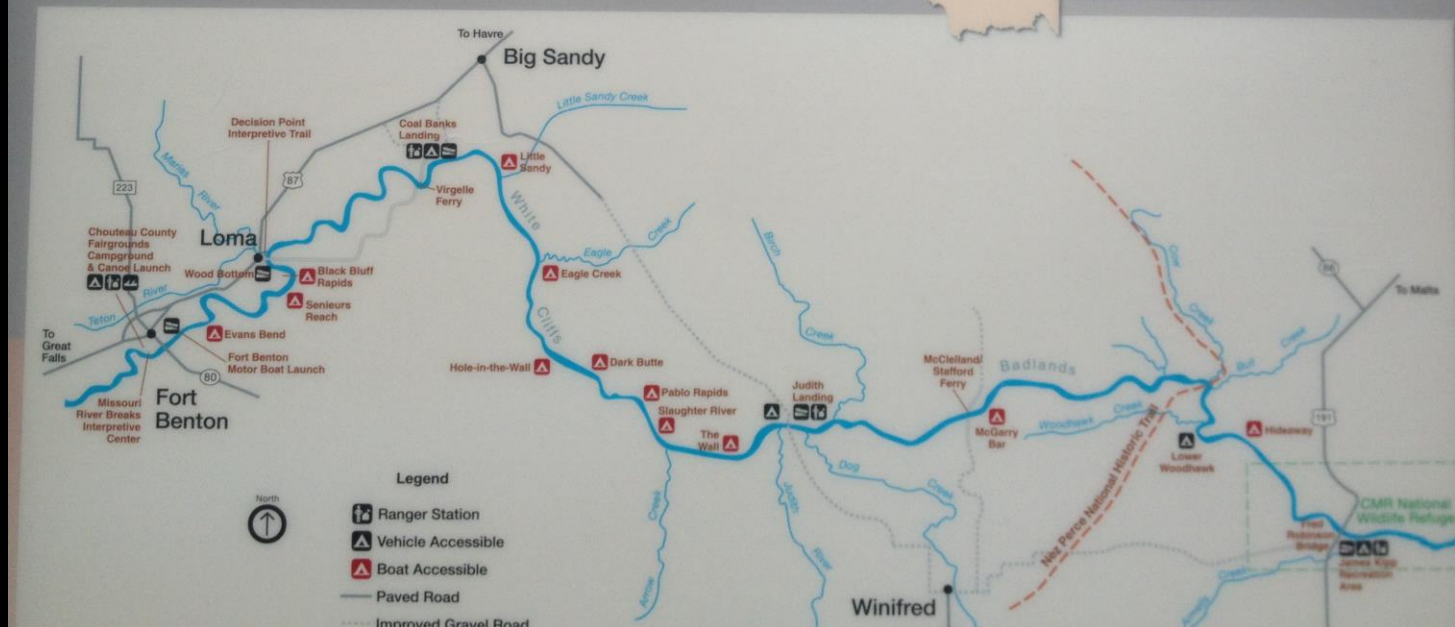
- 149 mile Upper Missouri National Wild and Scenic River
- Fort Peck Lake follows shortly after

National Monument

Flowing through the heart of the 377,000-acre national monument is the Upper Missouri National Wild and Scenic River. This 149-mile segment was designated in 1976, preserving for future generations a unique and spectacular part of America's landscape. We trust you will cherish this rugged, primitive portion of the Missouri River, where time seems to move a little slower and history and adventure abound in each bend.



UPPER MISSOURI RIVER BREAKS
NATIONAL MONUMENT AND
UPPER MISSOURI NATIONAL
WILD & SCENIC RIVER









Decision Point: Marias and Missouri River confluence

















The mud is like water torture, compounding annoyance over time.



































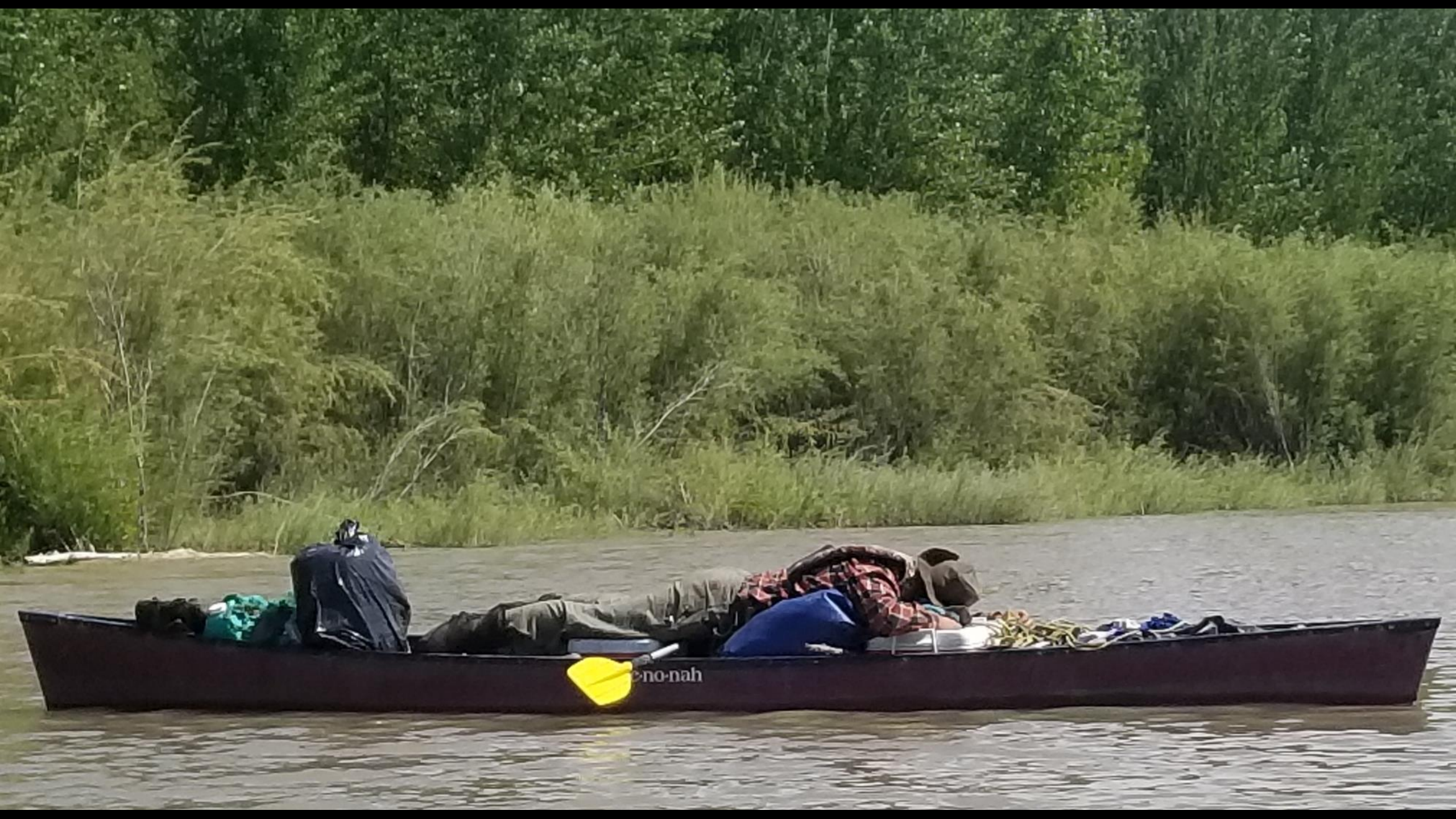




We-no-nah







no-nah

































































Crew change after
Fort Peck Lake















Welcome Jubilee to the team!
Wolf Point, MT stray
reservation puppy



































Fort Union on the Montana / North Dakota border

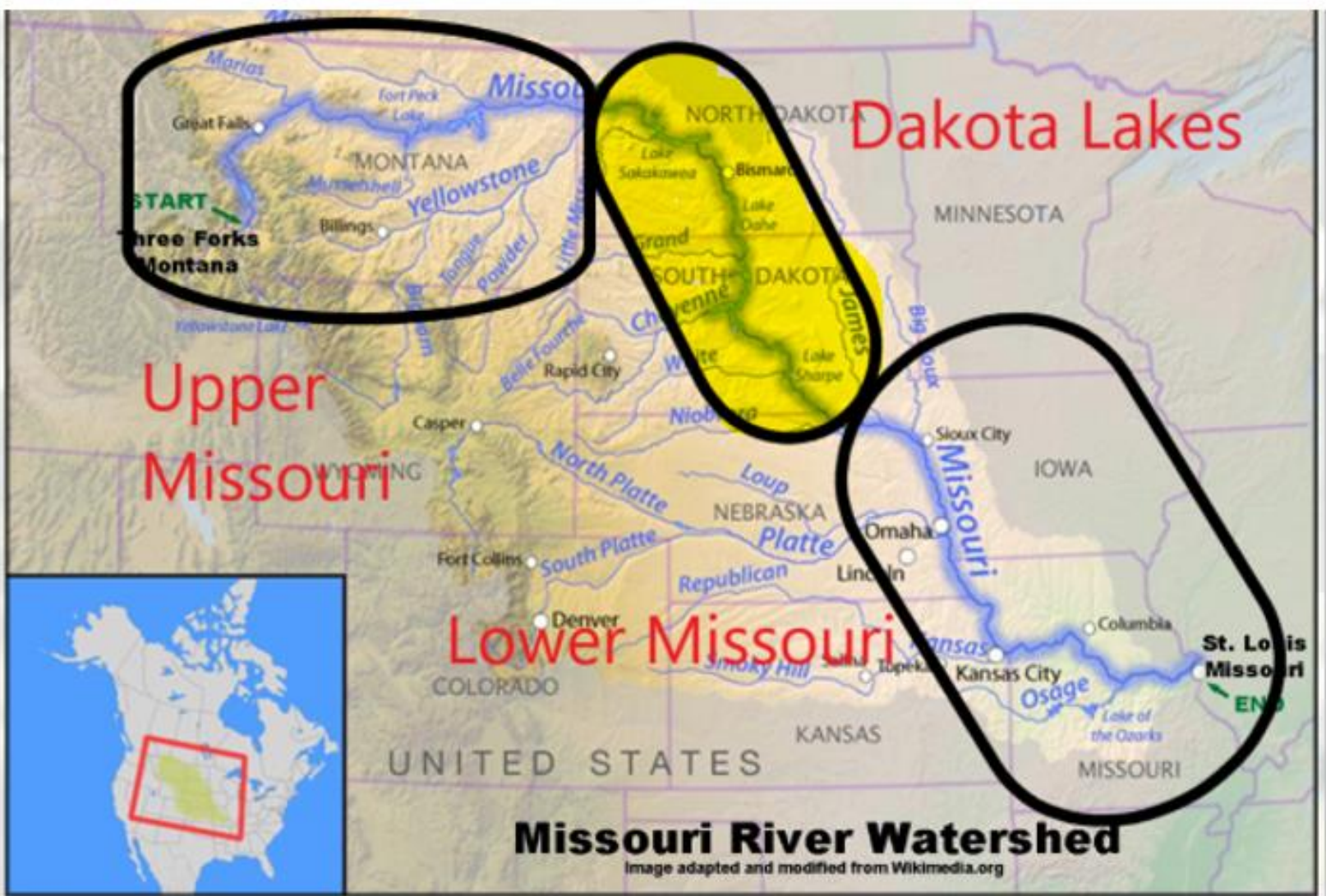






Northern Plains Oyate
Traditional Wacipi: Opening
Ceremonies.

































River Mom Peg Hellandsaas at
Tobacco Gardens Resort and Marina



“My God man, you’ve shot me!”







The Contraption is born







Skirt modification required

















Charles' last day



Earth Lodges




The Three Affiliated Tribes



MANDAN

Shehake
Shehake, Shehah above, or White Coyote was the prominent chief of the Five (Seven) or principal Mandan village from about 1810. In 1804, Lewis and Clark invited Shehake and his family to join them on their return to Washington D. C. and was commended by President Jefferson at Monticello. After returning and sharing their experiences with his people, Shehake was not believed by his people and fell into disrepute. He was killed in 1810 while observing a Sioux attack on the Mandan village.



MHA NATION



HIDATSA

Chief Crow Flies High
Crow Flies High was a member of the Five (Seven) or principal Mandan village from about 1810. In 1804, Lewis and Clark invited Shehake and his family to join them on their return to Washington D. C. and was commended by President Jefferson at Monticello. After returning and sharing their experiences with his people, Shehake was not believed by his people and fell into disrepute. He was killed in 1810 while observing a Sioux attack on the Mandan village.



MHA NATION



**SAHNISH
(ARIKARA)**

Bears Belly, Medicine Man
Bears Belly or Sahshah was born in 1810 in Ft. Clark. At age 10 he returned to Ft. Abraham Lincoln with Chief's 100 Cavalry and was captured by Black Hills warriors. Upon his return, after his capture, Bears Belly was not believed by his people. He was killed in 1810 while observing a Sioux attack on the Mandan village.



MHA NATION

MANDAN



HIDATSA



ARIKARA







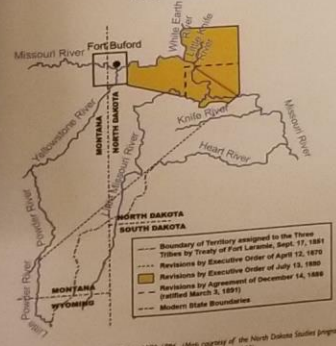
www.mhanation.com

NU'ETA
HIDATSA
SAHNISH

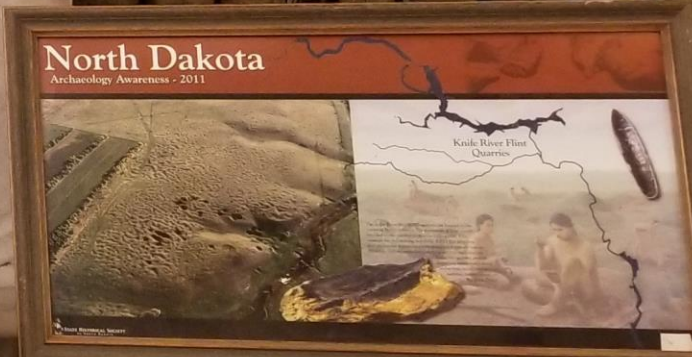


Monument to the Treaty Council at Fort Laramie, 1851.
This monument to Four Bears and others is located near the Three Affiliated Tribal Headquarters building in New Town.

LAND CESSIONS BY THE THREE TRIBES
1870-1886



Land Cessions by the Three Affiliated Tribes, 1870-1886. (Map courtesy of the North Dakota State program at the North Dakota Historical Society of North Dakota, adapted from Rogers, 1977, page 193)



MINNESOTA OF THE PEEK AND SIAAN ALL
MANDAN · HIDATSA · ARIKARA NATION



GPS Navigation













Contraption Dynamics

- Wind and wave direction
- Towing John















Knife River Indian Villages









Washburn, ND





Fort Mandan - Lewis and Clark's first winter camp









Are you the Corps of Rediscovery? Why Yes, we are!







NORTH DAKOTA HERITAGE CENTER
STATE MUSEUM





Heart River confluence – Fort Abraham Lincoln State Park





VISITOR CENTER
HOURS
9AM - 5PM

























































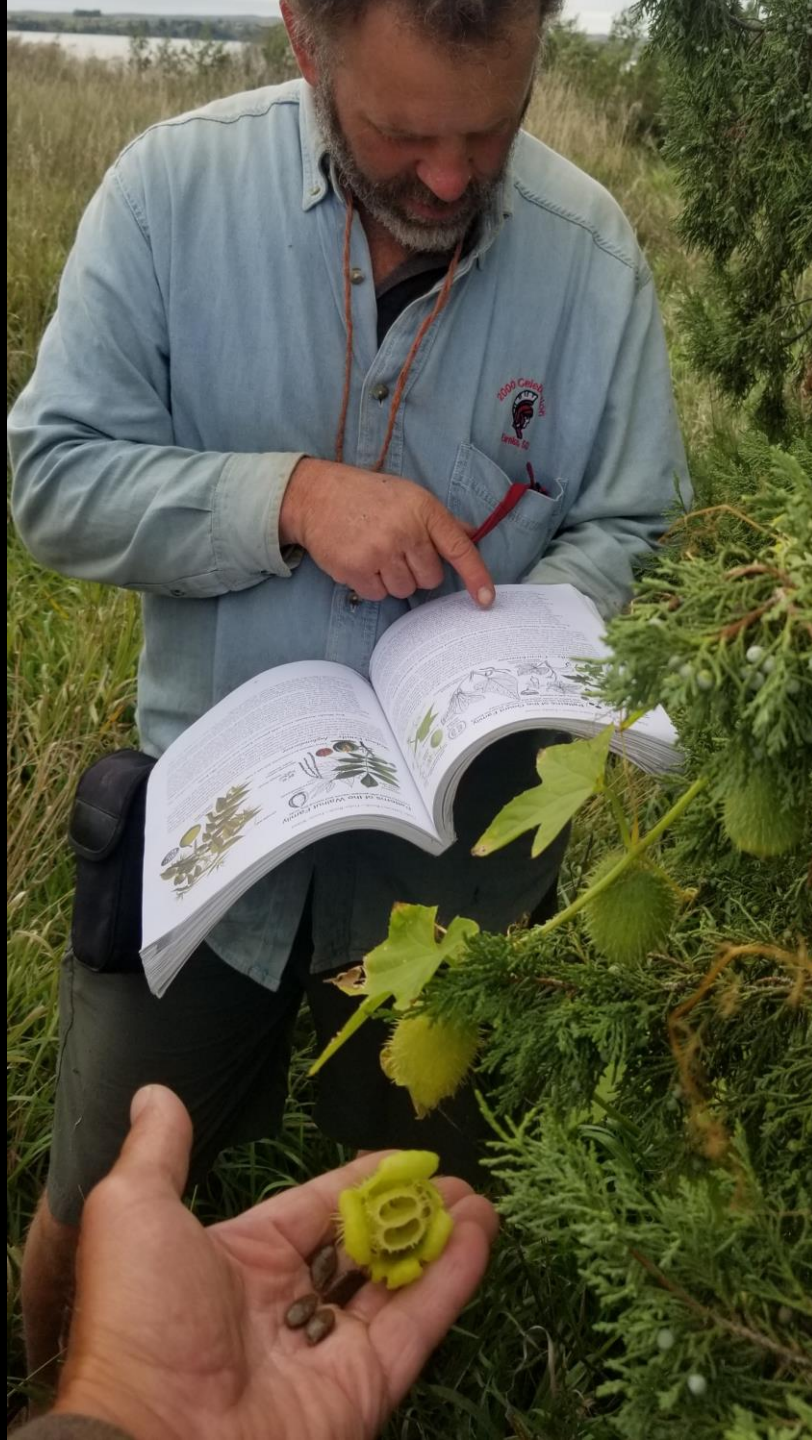
















End of Lake Sharpe











Dignity Sculpture: Chamberlain S.D.

- “Dignity represents the courage, perseverance and wisdom of the Lakota and Dakota culture in South Dakota,”













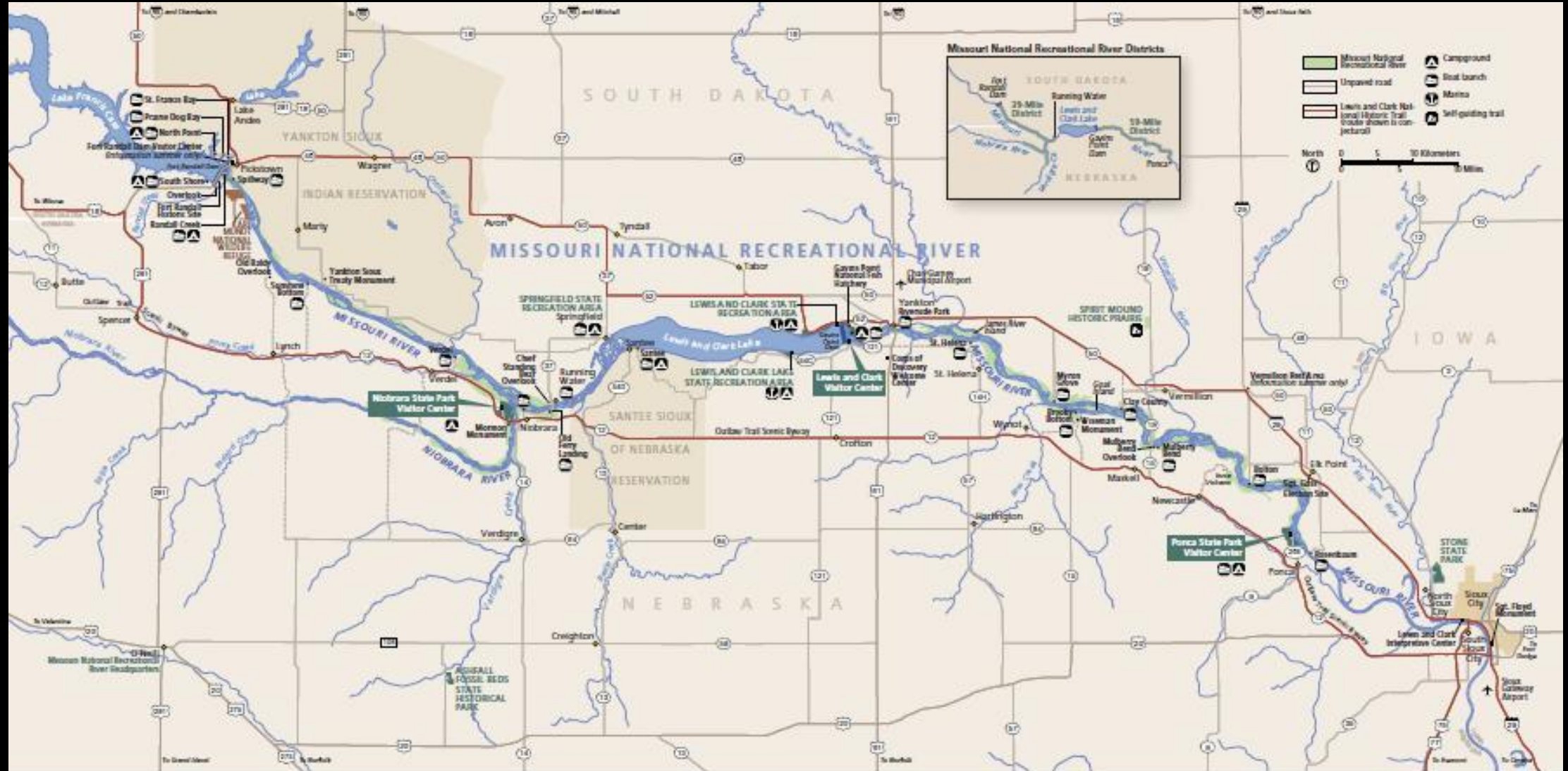


End of Lake Francis Case



Missouri National Recreation River:

- 39-mile section
- Lewis and Clark Lake ~ 20 miles
- 59-mile section



































End of Lewis and Clark Lake

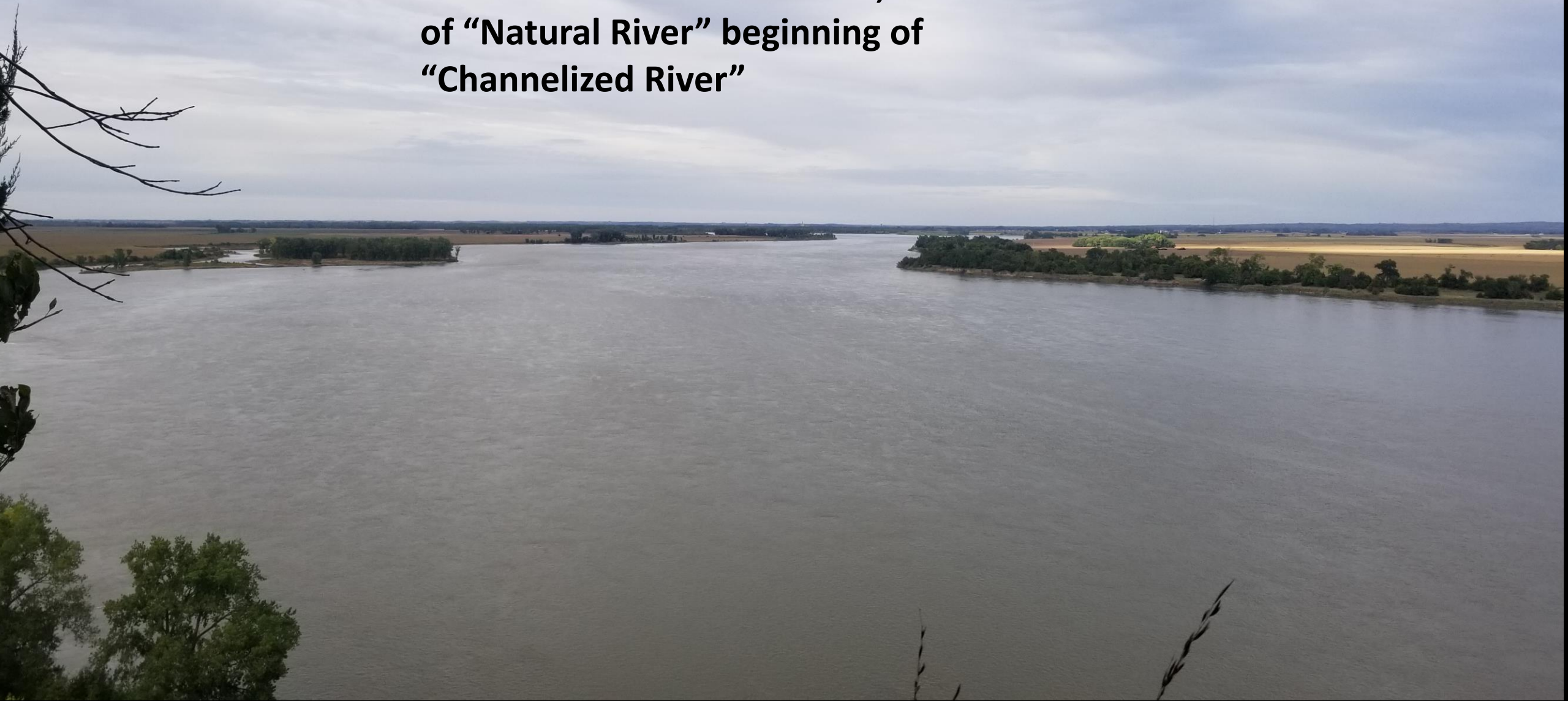
- Gavin's Point Dam
- 80,000 CFS release

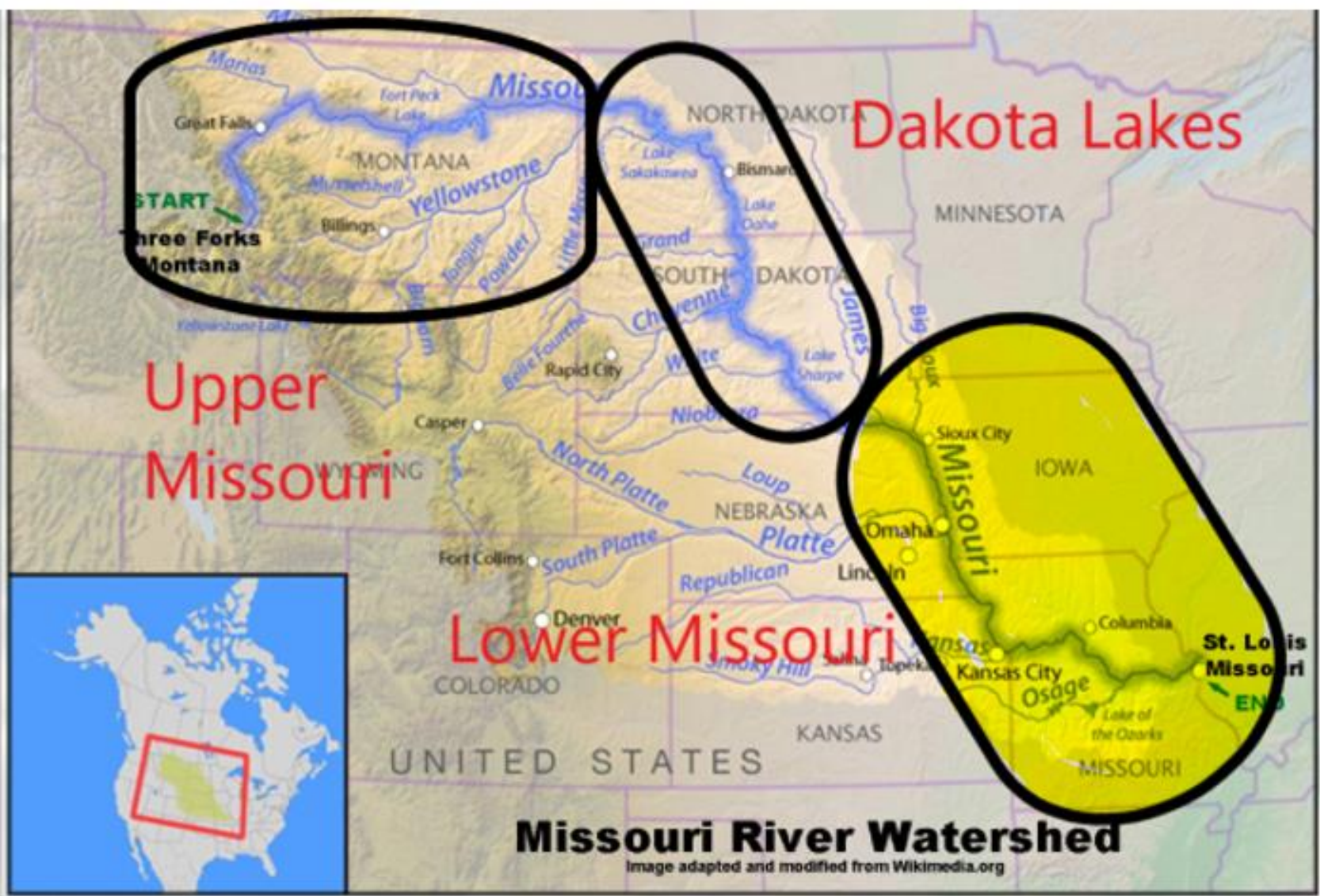






**Nebraska's Ponca State Park, end
of "Natural River" beginning of
"Channelized River"**









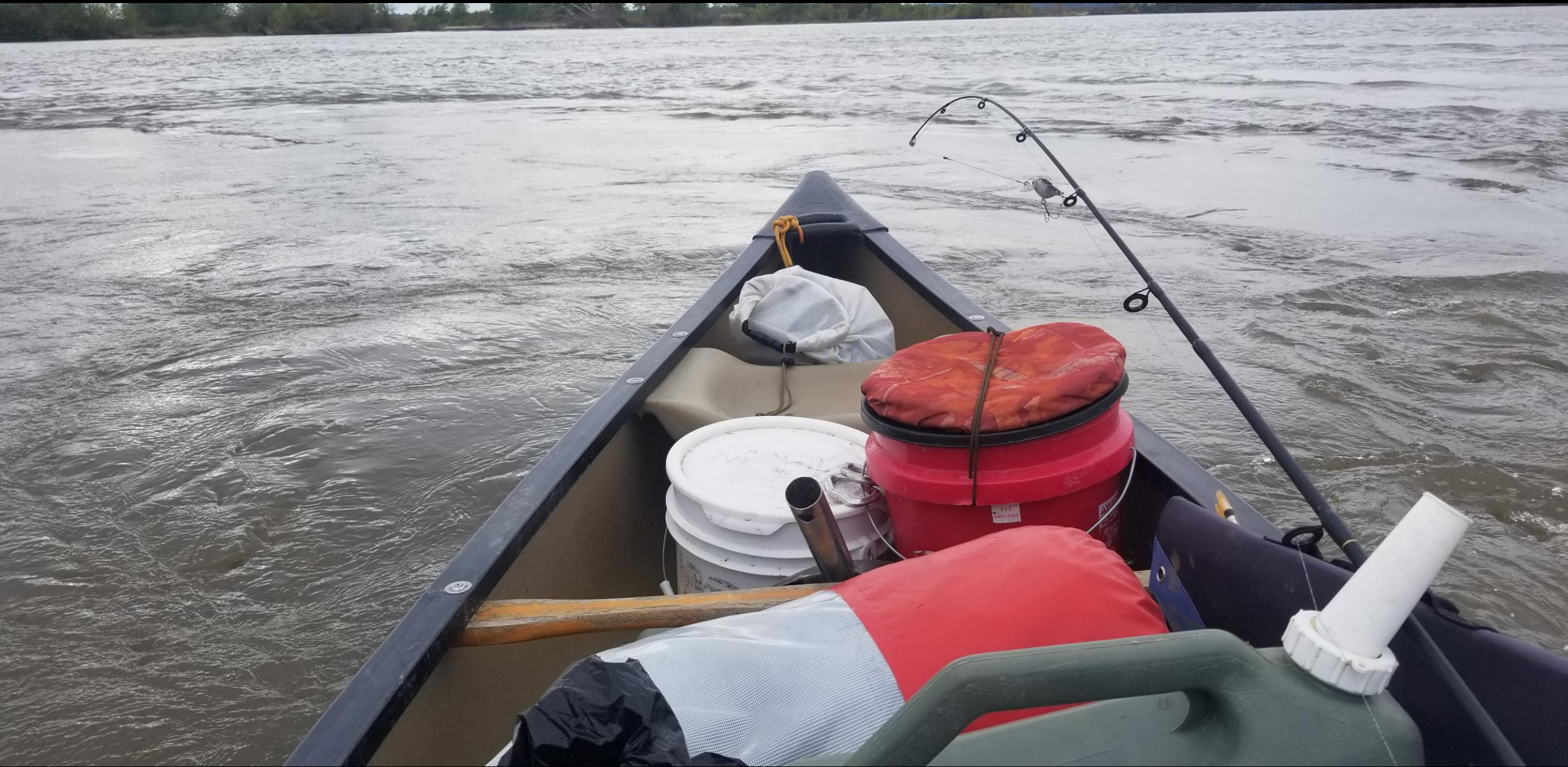


















John departs solo for home









Fort Atkinson











Platte River Confluence







GANDER MOUNTAIN





selfie
Spot















St. Joseph



















Bill Fessler and Chuckles





















Private
Boat Ramp
Minimum Fee \$5
For non members

WOODS LANDING

Our Local
Treasures







This Is Hermann

Photo credit - Mike Langile

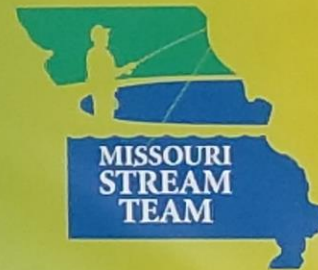


This Is Hermann
Photo credit – Mike Langile

MISSOURI



RIVER
RELIEF



Love Your Big Muddy!



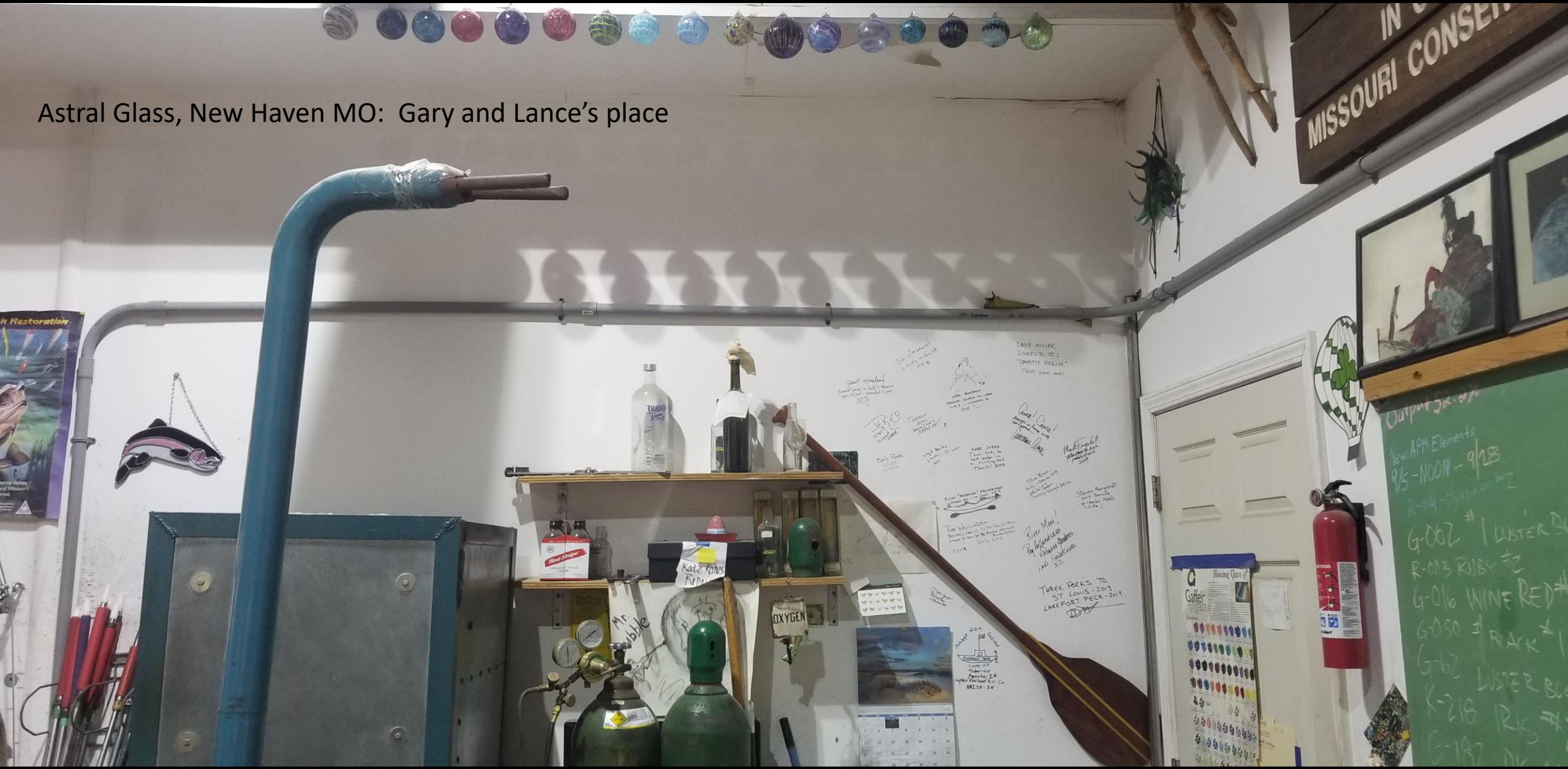








Astral Glass, New Haven MO: Gary and Lance's place







— LEWIS & CLARK —
BOAT HOUSE AND MUSEUM

OPEN

MUSEUM
GIFT SHOP
← UPPER LEVEL

1050

NO PARKING

1050





Cahokia Mounds IL – Larry Kinsella





Margie arrives in
St. Louis











Ornament represents my experience:

- Bill Fessler Adventure marble (blue) represents the river
- Orange represents my paddle













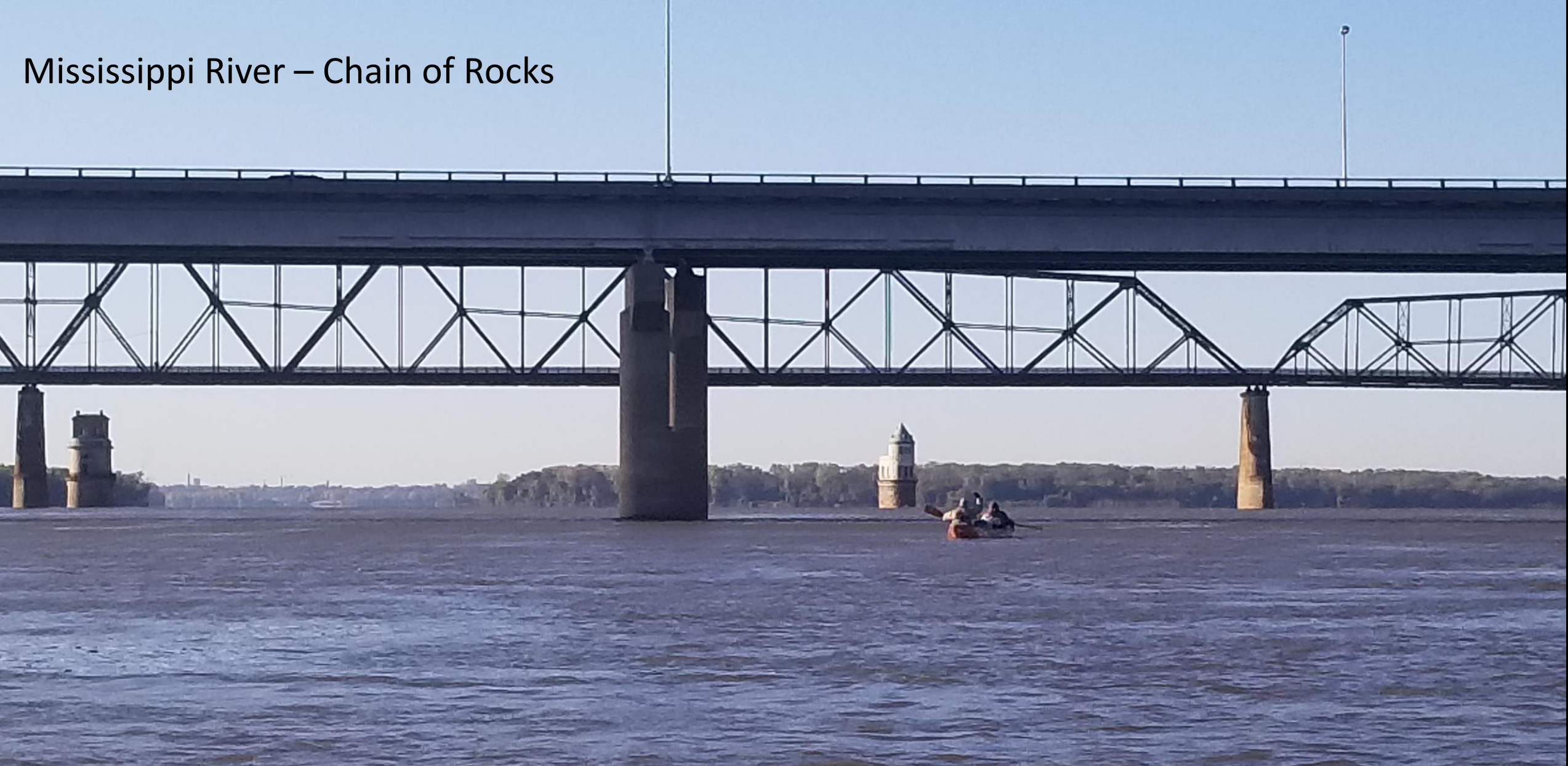
Columbia Bottoms



Confluence with the Mississippi



Mississippi River – Chain of Rocks





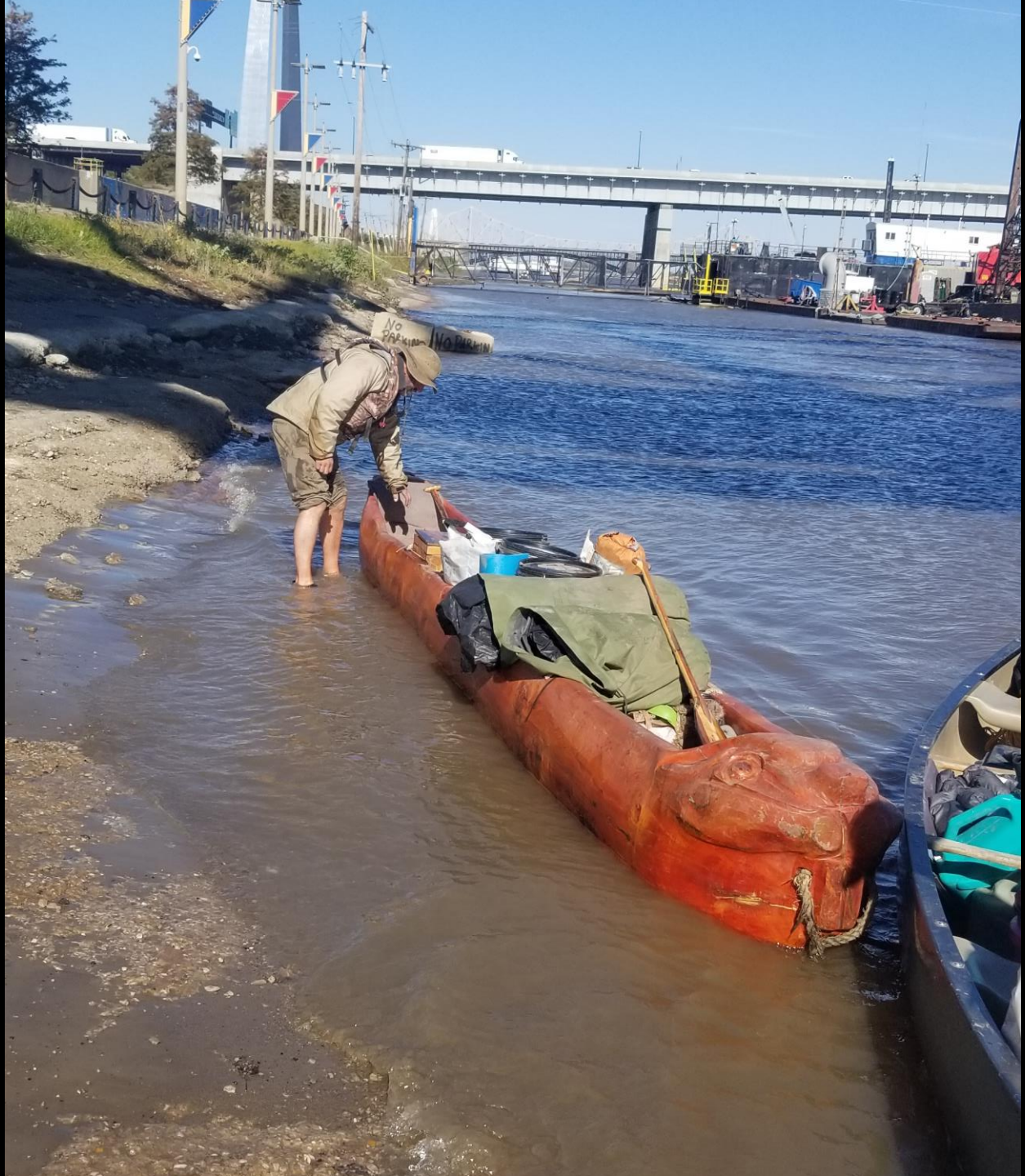
Escort to the finish line by Big
Muddy Mike and Nick















Thank you for coming!

Be Prepped and Frosty

- Say Yes to Adventure
- Go, Do, Share, Enable