



We save fish.



Conservation Fisheries, Inc. is a 501(c)(3) nonprofit dedicated to the preservation of aquatic biodiversity in our streams and rivers.



Smoky Madtom, *Noturus baileyi*
Endangered



Yellowfin Madtom, *Noturus flavipinnis*
Threatened



86
SPECIES
1ST
& ONLY
PRIVATE
CONSERVATION
HATCHERY

12/23
N=10

12/23
N=10

System: 00
Preparation and Grow Out
Largemouth Bass
Partial production

Dixie Mountain Park, OK





Almost 300,000
fishes released since 1986.

Conservation.



- Propagation
- Reintroduction
- Monitoring
- Assurance Colonies - Arks

Environmental Sensitivity

- Chemicals
- Sediment
- Disturbance



Blue Shiner Environmental Sensitivity

- Chlorine
- Copper
- PFAS
- Others?



- Stream School
- Volunteer Program
- International Student Internships
- Maryville College
- University of Tennessee
- Published Science
- Social Media



Education.

Connection.

- Broad Coalition
- Community
- Systemic Solutions
- Global Vision



The Fragmented Tennessee River Watershed

- 48 TVA Dams
- 9,296 inventoried dams
- 207,814 road/stream crossings and other barriers

National Aquatic Barrier Inventory and Prioritization Tool -<https://aquaticbarriers.org/>

National Aquatic Barrier Inventory & Prioritization Tool

Regions | Explore & Download | Prioritize | Survey | Restoration | FAQ

Tennessee Region
HUC2: 06

Show networks for: dams road-related barriers both by state / county hydrologic unit

This area contains:
9,296 inventoried dams, including:
• 8,668 that were analyzed for impacts to aquatic connectivity in this tool
• 65 that have been removed or mitigated, gaining **1,819 miles** of reconnected rivers and streams
207,814 or more road/stream crossings (potential aquatic barriers), including:
• 5,713 that have been assessed for impacts to aquatic organisms.
• 3,077 that are likely to impact aquatic organisms
• 1,575 that were analyzed for impacts to aquatic connectivity in this tool
• 52 that have been removed or mitigated, gaining **118 miles** of reconnected rivers and streams
• 202,049 that have not yet been surveyed

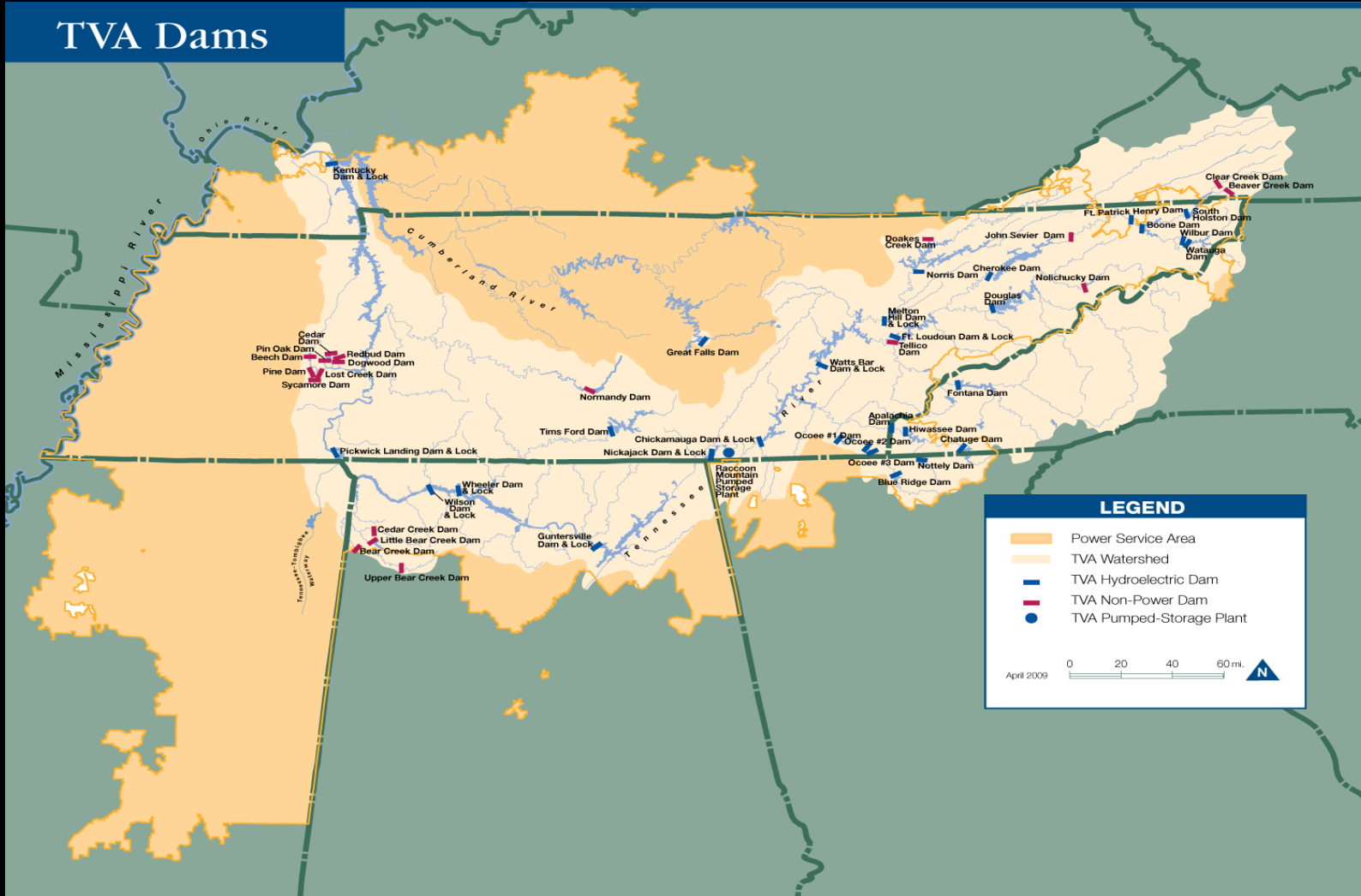
Select additional hydrologic units by clicking on them on the map or searching by name. You can then download data for all selected areas.

Search for hydrologic unit:
Download: dams & road-related barriers

35.98506° N, -83.996° E

© Mapbox © OpenStreetMap Improve this map
Data version: 3.13.0 (10/15/2024)
Created by Astute Spruce, LLC

TVA Dams



TVA Reservoir Release Improvements – 1991

- 180 miles of streams improved

TVA Reservoir Operations Study – 2004

- Large change to operation of the entire TVA system

TVA Biodiversity Policy - 2021



Candy Darter