

Lake Name: Second Fulda

Survey Type: Targeted Survey

DOW Number: 51-0020-00

Survey ID Date: 04/24/2023

TARGETED SURVEY
Electrofishing
Trap Netting

Lake Identification

Alternate Lake Name: N/A
Primary Lake Class ID: 40

DNR Sounding Map Number: C0473
Alternate Lake Class ID: N/A

Lake Location

Primary County: Murray

Nearest Town: Fulda

Legal Descriptions

Lake Center: Township - 105N Range - 40W Section - 25
PLS Section Lake Center: 10504025

All Legal Descriptions:

Murray County: Township - 105N Range - 40W Sections - 25, 36

Area Office

Area Name: Windom
Region Name: Southern

ORG Code: F418
Region Number: 4

Lake Access

(Information based on Population Assessment dated 06/19/1989)

Station ID	Ownership	Public Use	Type	Location / Comments
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(Data excludes records where public use is not designated or is designated "No Public Use")

Lake Characteristics

Lake Area (planimetered acres): 60.00
GIS Lake Area (acres): 64.14
DOW Lake Area (acres): 65.00
Littoral Area (acres): 64.14
Area in MN (acres): 64.14
Maximum Depth (feet): 5.0
Mean Depth (feet): N/A

GIS Shoreline Length (miles): 1.62
Maximum Fetch (miles): 1.00
Fetch Orientation (degrees): N/A
USGS Quad Map Number: W07d
USGS Quad 24K GIS Index: 4514

Watershed Characteristics

Major Watershed

Name: Des Moines-Headwaters
Watershed Number: 51
Watershed size (acres): 798,595

Minor Watershed

Name: From Fulda L
Watershed Number: 30
Watershed size (acres): 10,001

Surveys and Investigations

Initial Survey: 06/26/1984.
Population Assessment: 06/19/1989.
Dissolved Oxygen Check: 02/18/2016, 02/19/2015, 12/30/2013, 02/06/2013, 01/03/2013.
Targeted Survey: 04/24/2023, 02/06/2020, 02/21/2019, 01/19/2018.

Net Catch Summary by Numbers for TN

Standard 3/4-in mesh, double frame trap net sets

Number of Sets: 1
 First Set Date: 05/04/2023
 Last Lift Date: 05/05/2023
 Target Species: N/A

Abbr	Species	Total Fish	Number Per Set	Quartiles for Lake Class 40 ¹		
				25%	50%	75%
YEP	Yellow Perch	6	6.00	0.35	1.00	3.49
Total Fish/Set:			6.00	¹ Quartiles for Number Per Set		

Net Catch Summary by Weight for TN

Standard 3/4-in mesh, double frame trap net sets

Abbr	Species	Total Weight (Pounds)	Pounds Per Set	Mean Weight ²	Quartiles for Lake Class 40 ¹		
					25%	50%	75%
YEP	Yellow Perch	0.00	0.00	N/A	0.10	0.15	0.24
Total Pounds Fish/Set:			0.00	¹ Quartiles for Mean Weight			

² Mean Weights are based on measured fish counts only.

Natural Reproduction Catch Summary for SEF

Special sampling, electrofishing

Number of Stations: 1
Total run-time for all stations: 00:08:00
Total on-time for all stations: 00:07:32
First Sampling Date: 04/24/2023
Last Sampling Date: 04/24/2023
Daylight Sampling: Yes
Target Species: N/A

Abbr	Species	Age	Total Number	Number Measured	Mean Length (inches)	Length Range (inches)		Catch Rates (number per hour)	
						Min	Max	Run-Time	On-Time
(No fish taken)									

Approval Dates And Notices

Date Approved By Windom Area Fisheries Supervisor: _____

Date Approved By Southern Region Fisheries Manager: _____

This DRAFT VERSION of the Lake Survey Report contains preliminary data (as of 05/11/2023), and is therefore subject to change at any time.



Minnesota Department of Natural Resources



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REPORT OVERVIEW - FOR OFFICE USE ONLY

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Lake Name: Second Fulda

Survey Type: Targeted Survey

DOW Number: 51-0020-00

Survey ID Date: 04/24/2023

Electrofishing, Trap Netting

Survey Status: Field Work Complete

The following 29 (of 34) report components are not included in this Lake Survey Report:

1. Current Water Level
2. Benchmark And Gauge Descriptions / Locations
3. Water Level History¹
4. Water Level History - Readings*
5. Water Level History - Station Summary*
6. Lake Inlets
7. Additional Inlet Information
8. Lake Outlets
9. Additional Outlet Information
10. Water Control Structure (Dam)
11. Surrounding Watershed Characteristics, Shoreline Characteristics, and Riparian Landscape Observations²
12. Resorts And Campgrounds
13. Fish Spawning Conditions
14. Erosion And Pollution
15. Fish Diseases And Parasites
16. Aquatic Vegetation And Shoalwater Substrates
17. Dissolved Oxygen And Temperature Profile Of Lake Water
18. Field Measurements Of Water Quality
19. Water Quality (Winter Observations) (added to revision 01/21/2010)
20. Laboratory Analysis Of Water Chemistry
21. Zooplankton Sampling (added to revision 20221130)
22. Catch Summary (Pre-1993 Format) (added to revision 20201001)
23. Length Frequency Distributions
24. Length At Capture With Last Incremental Length*
25. Back-Calculated Lengths
26. Age Class Frequency Distributions
27. Other Species (added to revision 03/24/2009)
28. Status Of Fishery And Field Notes
29. Survey Attachments (added to revision 20150622)

¹ Water Level History report: This data has not yet been migrated into the Fisheries LSM database. On 01/08/2009, two additional Water Level History report components (Readings and Station Summary) were added.

² Effective 03/25/2014, the Surrounding Watershed Characteristics, Shoreline Characteristics, and Riparian Landscape Observations report component was modified to be included in the Lake Survey report if it did not include any Watershed and Shoreline characteristics and only consisted of Riparian Landscape Observations.

* Length At Capture With Last Incremental Length report: The following criteria must be met for a report to be generated:

1. The fish species must have an assigned body scale constant.
2. Fish must have an "official" age assigned.
3. Fish must have a digitized measurement marked for back calculation use.

Note: The data source for Length and Age Class Frequency Distribution tables is updated twice daily - once at noon and once overnight. Any changes to the data made after noon on 05/11/2023 may not be reflected in the Distribution tables until 05/12/2023.

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