

Lake Name: Fountain
DOW Number: 86-0086-00

Survey Type: Targeted Survey
Survey ID Date: 09/11/2017

Lake Identification

Alternate Lake Name: N/A
Primary Lake Class ID: 43

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

Lake Location

Primary County: Wright

Nearest Town: Montrose

Legal Descriptions

Lake Center: Township - 118N Range - 25W Section - 7
PLS Section Lake Center: 11802507

All Legal Descriptions:

Township - Range - Section -

Area Office

Area Name: Sauk Rapids
Region Name: Central

ORG Code: F315
Region Number: 3

Lake Access

(Information based on Special Assessment dated 05/26/2009)

Station ID	Ownership	Public Use	Type	Location / Comments
AC - 1	DNR	Open to Public use	Concrete	Parking for several trailers.

Lake Characteristics

Lake Area (planimetered acres):	430.00	GIS Shoreline Length (miles):	5.36
GIS Lake Area (acres):	434.65	Maximum Fetch (miles):	1.33
DOW Lake Area (acres):	455.00	Fetch Orientation (degrees):	N/A
Littoral Area (acres):	429.29	USGS Quad Map Number:	R14c
Area in MN (acres):	434.65	USGS Quad 24K GIS Index:	3527
Maximum Depth (feet):	10.0		
Mean Depth (feet):	5.0		

Watershed Characteristics

Major Watershed

Name: North Fork Crow R
Watershed Number: 18
Watershed size (acres): 944,854

Minor Watershed

Name: unknown DNR Minor Wshd
Watershed Number: 9
Watershed size (acres): 11,254

Surveys and Investigations

Special Assessment: 05/26/2009.

Net Catch Summary by Numbers for STN

Special sampling with trap nets

Number of Sets: 6
 First Set Date: 09/11/2017
 Last Lift Date: 09/12/2017
 Target Species: N/A

Abbr	Species	Total Fish	Number Per Set	Quartiles for Lake Class 43*		
				25%	50%	75%
BLB	Black Bullhead	429	71.50	N/A	N/A	N/A
BRB	Brown Bullhead	4	0.67	N/A	N/A	N/A
CAP	Common Carp	10	1.67	N/A	N/A	N/A
GSF	Green Sunfish	238	39.67	N/A	N/A	N/A
WTS	White Sucker	1	0.17	N/A	N/A	N/A
Total Fish/Set:			113.67	* Quartiles for Number Per Set		

Net Catch Summary by Weight for STN

Special sampling with trap nets

Abbr	Species	Total Weight (Pounds)	Pounds Per Set	Mean Weight	Quartiles for Lake Class 43*		
					25%	50%	75%
BLB	Black Bullhead	87.33	14.56	0.20	N/A	N/A	N/A
BRB	Brown Bullhead	4.37	0.73	1.09	N/A	N/A	N/A
CAP	Common Carp	45.64	7.61	4.56	N/A	N/A	N/A
GSF	Green Sunfish	24.96	4.16	0.10	N/A	N/A	N/A
WTS	White Sucker	1.46	0.24	1.46	N/A	N/A	N/A
Total Pounds Fish/Set:			27.29	* Quartiles for Mean Weight			

Length Frequency Distribution for STN

Special sampling with trap nets

(Field work conducted between 09/11/2017 and 09/12/2017)

	<u>BLB</u>	<u>BRB</u>	<u>CAP</u>	<u>GSF</u>	<u>WTS</u>
< 3.00	-	-	-	-	-
3.00 - 3.49	-	-	-	-	-
3.50 - 3.99	-	-	-	16	-
4.00 - 4.49	14	-	-	64	-
4.50 - 4.99	30	-	-	51	-
5.00 - 5.49	17	-	-	41	-
5.50 - 5.99	16	-	-	29	-
6.00 - 6.49	36	-	-	20	-
6.50 - 6.99	86	-	-	7	-
7.00 - 7.49	106	-	-	8	-
7.50 - 7.99	68	-	-	2	-
8.00 - 8.49	22	-	-	-	-
8.50 - 8.99	15	-	-	-	-
9.00 - 9.49	2	-	-	-	-
9.50 - 9.99	3	-	-	-	-
10.00 - 10.49	4	-	-	-	-
10.50 - 10.99	4	1	-	-	-
11.00 - 11.49	1	-	-	-	-
11.50 - 11.99	3	1	-	-	-
12.00 - 12.99	3	1	-	-	-
13.00 - 13.99	-	-	-	-	-
14.00 - 14.99	-	-	-	-	-
15.00 - 15.99	-	1	-	-	1
16.00 - 16.99	-	-	-	-	-
17.00 - 17.99	-	-	-	-	-
18.00 - 18.99	-	-	3	-	-
19.00 - 19.99	-	-	2	-	-
20.00 - 20.99	-	-	2	-	-
21.00 - 21.99	-	-	1	-	-
22.00 - 22.99	-	-	1	-	-
23.00 - 23.99	-	-	-	-	-
24.00 - 24.99	-	-	-	-	-
25.00 - 25.99	-	-	-	-	-
26.00 - 26.99	-	-	-	-	-
27.00 - 27.99	-	-	-	-	-
28.00 - 28.99	-	-	-	-	-
29.00 - 29.99	-	-	1	-	-
30.00 - 30.99	-	-	-	-	-
31.00 - 31.99	-	-	-	-	-
32.00 - 32.99	-	-	-	-	-
33.00 - 33.99	-	-	-	-	-
34.00 - 34.99	-	-	-	-	-
35.00 - 35.99	-	-	-	-	-
= > 36.00	-	-	-	-	-
	<u>BLB</u>	<u>BRB</u>	<u>CAP</u>	<u>GSF</u>	<u>WTS</u>
Total	430	4	10	238	1
Min. Length	4.29	10.71	18.19	3.62	15.20
Max. Length	12.20	15.47	29.84	7.95	15.20
Mean Length	7.09	12.61	20.89	5.05	15.20
# Measured	177	4	10	134	1
No Lengths for	252	0	0	104	0

Note: Unless all fish were measured in the catch, totals shown for some length-frequency distributions may differ from the total number of fish in the catch, due to rounding of fractions used in the estimation of length frequency from a subsample of measured fish

Approval Dates And Notices

Date Approved By Sauk Rapids Area Fisheries Supervisor: _____

Date Approved By Central Region Fisheries Manager: _____

This DRAFT VERSION of the Lake Survey Report contains preliminary data (as of 09/14/2017), and is therefore subject to change at any time.



Minnesota Department of Natural Resources



By accepting the data in this report, the user agrees the data will be used for personal benefit and not for profit. Any other uses or publication of the data needs the consent of the Department. The Minnesota Department of Natural Resources assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on the data.

Lake Survey Report revision: 20170426-RJE. Data Date: 09/14/2017 at 9:59 am .

REPORT OVERVIEW - FOR OFFICE USE ONLY

(This page is not part of the Lake Survey Report and should be discarded)

Lake Name: Fountain
DOW Number: 86-0086-00

Survey Type: Targeted Survey
Survey ID Date: 09/11/2017

Survey Status: Proposed

The following 26 (of 32) 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. Laboratory Analysis Of Water Chemistry
20. Length At Capture With Last Incremental Length*
21. Back-Calculated Lengths
22. Age Class Frequency Distributions
23. Status Of Fishery And Field Notes
24. Other Species (added to revision 03/24/2009)
25. Water Quality (Winter Observations) (added to revision 01/21/2010)
26. 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 before noon on 09/14/2017 may not be reflected in the Distribution tables until after 12:30 pm on 09/14/2017.

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