



Minnesota Department of Natural Resources  
Fisheries Management



STANDARD LAKE SURVEY REPORT

DRAFT VERSION - PRELIMINARY DATA (AS OF 06/25/2012)

Lake Name: Loon

Survey Type: Population Assessment

DOW Number: 32-0020-00

Survey ID Date: 06/18/2012

**POPULATION ASSESSMENT**  
**Beach Seine (1/8 inch 15 foot)**  
**Beach Seine (1/8 inch 50 foot)**

**Lake Identification**

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

DNR Sounding Map Number: C0523  
Alternate Lake Class ID: N/A

**Lake Location**

Primary County: Jackson

Nearest Town: Jackson

**Legal Descriptions**

Lake Center: Township - 101N Range - 36W Section - 24  
PLS Section Lake Center: 10103624

**All Legal Descriptions:**

Jackson County: Township - 101N Range - 35W Sections - 18, 19  
Township - 101N Range - 36W Sections - 13, 24, 25

**Area Office**

Area Name: Windom  
Region Name: Southern

ORG Code: F418  
Region Number: 4

**Lake Access**

(Information based on Re-Survey dated 06/21/1993)

Station ID	Ownership	Public Use	Type	Location / Comments
AC - 1	DNR	Open to Public use	Concrete	State owned access on southwest side of lake.

(Data excludes records where public use is not designated or is designated "No Public Use")

**Lake Characteristics**

Lake Area (planimetered acres): 679.00	GIS Shoreline Length (miles): 6.24
GIS Lake Area (acres): 706.97	Maximum Fetch (miles): 2.00
DOW Lake Area (acres): 738.00	Fetch Orientation (degrees): 292
Littoral Area (acres): 706.97	USGS Quad Map Number: X09d
Area in MN (acres): 706.97	USGS Quad 24K GIS Index: 4718
Maximum Depth (feet): 7.0	
Mean Depth (feet): N/A	

**Watershed Characteristics****Major Watershed**

Name: Little Sioux River  
Watershed Number: 84  
Watershed size (acres): 205,753

**Minor Watershed**

Name: To Spirit L  
Watershed Number: 25  
Watershed size (acres): 5,231

**Surveys And Investigations**

**Re-Survey:** 06/25/2001, 06/21/1993, 06/20/1983.

**Population Assessment:** 06/28/2008, 06/28/2004, 06/23/1997, 06/11/1990, 06/14/1988.

**Special Assessment:** 10/17/2000, 10/07/1998, 10/02/1996, 11/14/1994, 08/10/1948.

**Creel Survey:** 05/01/1990.

**Dissolved Oxygen Check:** 02/17/2012, 01/26/2012, 12/28/2010, 01/04/2010.

**Natural Reproduction Check:** 09/16/2010.

**Current Water Level**

Station ID	Date	Level	Reading (feet)	Reading Type
BM - 1	06/18/2012	Normal	1.50	Direct Gauge Reading

**Benchmark and Gauge Descriptions / Locations**

Station ID	Location Description
BM - 1	N/A

**Water Level History - Readings**

Station ID	Date	Level	Reading (feet)	Reading Type
BM - 1	06/18/2012	Normal	1.50	Direct Gauge Reading
	07/02/2008	N/A	-2.70	Above or below Benchmark

**Water Level History - Station Summary**

Station ID	Minimum Level		Maximum Level		Range (feet)	Average Level (feet)	Reading Type (and number of readings)
	Feet	Date	Feet	Date			
BM - 1	-2.70	07/02/2008	-2.70	07/02/2008	0.00	-2.70	Above or below Benchmark (1)
BM - 1	1.50	06/18/2012	1.50	06/18/2012	0.00	1.50	Direct Gauge Reading (1)

**Dissolved Oxygen And Temperature Profile Of Lake Water**

Station ID	Sampling Date	Bottom Depth (Feet)	Sample Depth (Feet)	Water Temperature (°F)	Dissolved Oxygen (ppm)
WQ - 1	06/18/2012	6.4	Surface	73.8	8.3
			1.0	73.9	8.5
			2.0	73.9	8.5
			3.0	73.8	8.5
			4.0	73.6	8.5
			5.0	73.4	8.5
			6.0	73.2	8.5

Field Measurements Of Water Quality

<u>Station ID</u>	<u>Sampling Date</u>	<u>Sample Depth (Feet)</u>	<u>Secchi Depth (Feet)</u>	<u>Field pH</u>	<u>Alkalinity (ppm)</u>	<u>Water Color</u>	<u>Color Cause</u>
WQ - 1	06/18/2012	Surface	1.0	8.50	238	Brown Grn	Algae

Net Catch Summary by Numbers for GN

## Standard gill net sets

Number of Sets: 4  
 First Set Date: 06/18/2012  
 Last Lift Date: 06/21/2012  
 Target Species: N/A

Abbr	Species	Total Fish	Number Per Set	Quartiles for Lake Class 43*		
				25%	50%	75%
BIB	Bigmouth Buffalo	9	2.25	0.75	2.58	6.96
BLB	Black Bullhead	90	22.50	30.34	75.58	150.62
BLC	Black Crappie	5	1.25	1.41	3.71	13.75
CCF	Channel Catfish	20	5.00	N/A	N/A	N/A
FRD	Freshwater Drum	26	6.50	0.50	2.56	8.33
NOP	Northern Pike	4	1.00	1.08	3.00	8.00
SNG	Shortnose Gar	2	0.50	N/A	N/A	N/A
WAE	Walleye	47	11.75	2.28	6.83	18.06
WHC	White Crappie	2	0.50	0.50	2.00	8.42
WTS	White Sucker	18	4.50	0.81	2.33	6.50
YEB	Yellow Bullhead	1	0.25	0.50	1.50	3.50
YEP	Yellow Perch	18	4.50	2.65	8.00	25.00
Total Fish/Set:			60.50	* Quartiles for Number Per Set		

Net Catch Summary by Weight for GN

## Standard gill net sets

Abbr	Species	Total Weight (Pounds)	Pounds Per Set	Mean Weight	Quartiles for Lake Class 43*		
					25%	50%	75%
BIB	Bigmouth Buffalo	20.76	5.19	2.31	N/A	N/A	N/A
BLB	Black Bullhead	47.29	11.82	0.53	0.17	0.26	0.39
BLC	Black Crappie	0.46	0.11	0.09	0.16	0.25	0.35
CCF	Channel Catfish	40.73	10.18	2.04	N/A	N/A	N/A
FRD	Freshwater Drum	5.96	1.49	0.23	0.40	0.82	1.67
NOP	Northern Pike	11.90	2.98	2.98	1.82	2.50	3.35
SNG	Shortnose Gar	5.07	1.27	2.54	N/A	N/A	N/A
WAE	Walleye	88.24	22.06	1.88	1.01	1.53	2.30
WHC	White Crappie	0.17	0.04	0.09	0.15	0.21	0.32
WTS	White Sucker	32.19	8.05	1.79	0.93	1.58	2.02
YEB	Yellow Bullhead	0.37	0.09	0.37	0.31	0.53	0.73
YEP	Yellow Perch	5.46	1.37	0.30	0.13	0.21	0.31
Total Pounds Fish/Set:			64.65	* Quartiles for Mean Weight			

**Net Catch Summary by Numbers for TN**

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

Number of Sets: 12  
First Set Date: 06/18/2012  
Last Lift Date: 06/21/2012  
Target Species: N/A

Abbr	Species	Total Fish	Number Per Set	Quartiles for Lake Class 43*		
				25%	50%	75%
BIB	Bigmouth Buffalo	13	1.08	0.17	0.38	1.04
BLB	Black Bullhead	115	9.58	11.50	42.00	132.61
BLC	Black Crappie	49	4.08	1.17	4.88	20.50
BLG	Bluegill	22	1.83	1.17	3.89	20.00
CCF	Channel Catfish	2	0.17	N/A	N/A	N/A
CAP	Common Carp	5	0.42	1.00	2.44	5.51
FRD	Freshwater Drum	13	1.08	0.23	0.92	3.25
GSF	Green Sunfish	2	0.17	0.15	0.25	1.94
NOP	Northern Pike	3	0.25	N/A	N/A	N/A
SNG	Shortnose Gar	9	0.75	N/A	N/A	N/A
WAE	Walleye	10	0.83	0.50	1.33	2.95
WHB	White Bass	2	0.17	0.17	0.37	0.70
WHC	White Crappie	4	0.33	0.25	1.83	5.96
WTS	White Sucker	7	0.58	0.34	0.88	2.58
YEB	Yellow Bullhead	3	0.25	0.50	1.13	2.50
YEP	Yellow Perch	2	0.17	0.33	1.37	3.76
Total Fish/Set:			21.75	* 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	Quartiles for Lake Class 43*		
					25%	50%	75%
BIB	Bigmouth Buffalo	75.74	6.31	5.83	2.56	3.75	5.83
BLB	Black Bullhead	89.40	7.45	0.78	0.18	0.28	0.40
BLC	Black Crappie	17.75	1.48	0.36	0.22	0.34	0.50
BLG	Bluegill	10.93	0.91	0.50	0.13	0.24	0.39
CCF	Channel Catfish	10.14	0.85	5.07	N/A	N/A	N/A
CAP	Common Carp	36.05	3.00	7.21	1.42	2.92	4.58
FRD	Freshwater Drum	14.02	1.17	1.08	0.28	0.60	0.95
GSF	Green Sunfish	0.19	0.02	0.09	0.09	0.11	0.24
NOP	Northern Pike	9.50	0.79	3.17	N/A	N/A	N/A
SNG	Shortnose Gar	12.66	1.05	1.41	N/A	N/A	N/A
WAE	Walleye	9.99	0.83	1.00	0.82	1.44	2.28
WHB	White Bass	1.67	0.14	0.83	0.23	0.35	0.60
WHC	White Crappie	0.29	0.02	0.07	0.27	0.40	0.63
WTS	White Sucker	11.85	0.99	1.69	1.05	1.47	2.04
YEB	Yellow Bullhead	1.81	0.15	0.60	0.31	0.48	0.67
YEP	Yellow Perch	0.44	0.04	0.22	0.11	0.18	0.30
Total Pounds Fish/Set:			25.20	* Quartiles for Mean Weight			

**Natural Reproduction Catch Summary for S58**

Seining, 50 foot 1/8 in Beach Seine for IBI

**Number of Hauls:** 2  
**First Haul Date:** 06/22/2012  
**Last Haul Date:** 06/22/2012  
**Target Species:** N/A

Abbr	Species	Age	Total Number	Number Measured	Mean Length (inches)	Length Range (inches)	
						Minimum	Maximum
BLC	Black Crappie	YOY	18	0	N/A	N/A	N/A
BLG	Bluegill	All	1	0	N/A	N/A	N/A
CAP	Common Carp	YOY	1	0	N/A	N/A	N/A
FRD	Freshwater Drum	YOY	7	0	N/A	N/A	N/A
FRD	Freshwater Drum	≥ 1	2	0	N/A	N/A	N/A
LMB	Largemouth Bass	YOY	2	0	N/A	N/A	N/A
OSS	Orangespotted Sunfish	All	1	0	N/A	N/A	N/A

**Natural Reproduction Catch Summary for S18**

Seining, 15 foot 1/8 in Beach Seine for IBI

Number of Hauls: 10  
 First Haul Date: 06/22/2012  
 Last Haul Date: 06/22/2012  
 Target Species: N/A

Abbr	Species	Age	Total Number	Number Measured	Mean Length (inches)	Length Range (inches)	
						Minimum	Maximum
BLC	Black Crappie	YOY	118	0	N/A	N/A	N/A
FRD	Freshwater Drum	YOY	6	0	N/A	N/A	N/A
FRD	Freshwater Drum	≥ 1	1	0	N/A	N/A	N/A
LMB	Largemouth Bass	YOY	19	0	N/A	N/A	N/A
WHB	White Bass	YOY	1	0	N/A	N/A	N/A
YEP	Yellow Perch	YOY	1	0	N/A	N/A	N/A

**Length Frequency Distribution For GN**

**Standard gill net sets**

(Field work conducted between 06/18/2012 and 06/21/2012)

	<u>BIB</u>	<u>BLB</u>	<u>BLC</u>	<u>CCF</u>	<u>FRD</u>	<u>NOP</u>	<u>SNG</u>	<u>WAE</u>	<u>WHC</u>	<u>WTS</u>	<u>YEB</u>	<u>YEP</u>
< 3.00	-	-	-	-	-	-	-	-	-	-	-	-
3.00 - 3.49	-	-	-	-	-	-	-	-	-	-	-	-
3.50 - 3.99	-	-	-	-	-	-	-	-	-	-	-	-
4.00 - 4.49	-	-	1	-	-	-	-	-	-	-	-	-
4.50 - 4.99	-	-	-	-	-	-	-	-	-	-	-	-
5.00 - 5.49	-	-	2	-	7	-	-	-	1	-	-	-
5.50 - 5.99	-	-	2	-	2	-	-	-	1	-	-	2
6.00 - 6.49	-	1	-	-	4	-	-	1	-	-	-	-
6.50 - 6.99	-	1	-	-	7	-	-	-	-	-	-	1
7.00 - 7.49	-	2	-	-	2	-	-	-	-	-	-	-
7.50 - 7.99	1	3	-	-	1	-	-	1	-	-	-	2
8.00 - 8.49	1	6	-	-	-	-	-	-	-	-	-	2
8.50 - 8.99	4	14	-	-	-	-	-	1	-	-	1	5
9.00 - 9.49	-	30	-	-	-	-	-	3	-	-	-	2
9.50 - 9.99	1	14	-	1	-	-	-	-	-	-	-	-
10.00 - 10.49	-	6	-	1	-	-	-	-	-	-	-	4
10.50 - 10.99	-	3	-	3	-	-	-	1	-	-	-	-
11.00 - 11.49	-	6	-	-	-	-	-	-	-	-	-	-
11.50 - 11.99	-	2	-	2	-	-	-	-	-	-	-	-
12.00 - 12.99	-	1	-	-	1	-	-	-	-	1	-	-
13.00 - 13.99	-	1	-	-	-	-	-	2	-	1	-	-
14.00 - 14.99	1	-	-	-	-	-	-	2	-	5	-	-
15.00 - 15.99	-	-	-	-	-	-	-	3	-	2	-	-
16.00 - 16.99	-	-	-	1	-	-	-	5	-	2	-	-
17.00 - 17.99	-	-	-	1	-	-	-	10	-	4	-	-
18.00 - 18.99	-	-	-	2	-	-	-	9	-	3	-	-
19.00 - 19.99	-	-	-	2	-	-	-	5	-	-	-	-
20.00 - 20.99	-	-	-	2	1	-	-	-	-	-	-	-
21.00 - 21.99	-	-	-	1	-	2	-	1	-	-	-	-
22.00 - 22.99	-	-	-	3	-	-	-	-	-	-	-	-
23.00 - 23.99	-	-	-	1	-	1	-	2	-	-	-	-
24.00 - 24.99	-	-	-	-	-	-	1	1	-	-	-	-
25.00 - 25.99	-	-	-	-	-	-	1	-	-	-	-	-
26.00 - 26.99	2	-	-	-	-	-	-	-	-	-	-	-
27.00 - 27.99	-	-	-	-	-	1	-	-	-	-	-	-
28.00 - 28.99	-	-	-	-	-	-	-	-	-	-	-	-
29.00 - 29.99	-	-	-	-	-	-	-	-	-	-	-	-
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>BIB</u>	<u>BLB</u>	<u>BLC</u>	<u>CCF</u>	<u>FRD</u>	<u>NOP</u>	<u>SNG</u>	<u>WAE</u>	<u>WHC</u>	<u>WTS</u>	<u>YEB</u>	<u>YEP</u>
Total	10	90	5	20	25	4	2	47	2	18	1	18
Min. Length	7.72	6.14	4.41	9.84	5.04	21.02	24.72	6.30	5.43	12.68	8.90	5.59
Max. Length	26.18	13.15	5.83	23.58	20.08	27.24	25.79	24.06	5.59	18.74	8.90	10.47
Mean Length	11.65	9.43	5.35	16.99	7.12	23.28	25.26	16.69	5.51	15.86	8.90	8.45
# Measured	8	90	5	20	22	4	2	43	2	18	1	18
No Lengths for	1	0	0	0	4	0	0	4	0	0	0	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.

**STANDARD LAKE SURVEY REPORT**  
**POPULATION ASSESSMENT DATED 06/18/2012 FOR DOW NUMBER 32-0020-00**

**DRAFT**

**Length Frequency Distribution For TN**

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

(Field work conducted between 06/18/2012 and 06/21/2012)

	<u>BIB</u>	<u>BLB</u>	<u>BLC</u>	<u>BLG</u>	<u>CAP</u>	<u>CCF</u>	<u>FRD</u>	<u>YFRD</u>	<u>GSF</u>	<u>NOP</u>	<u>SNG</u>	<u>WAE</u>	<u>WHB</u>	<u>WHC</u>	<u>WTS</u>
< 3.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.00 - 3.49	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
3.50 - 3.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.00 - 4.49	-	-	2	-	-	-	-	-	1	-	-	-	-	2	-
4.50 - 4.99	-	-	7	-	-	-	1	-	-	-	-	-	-	-	-
5.00 - 5.49	-	-	9	-	-	-	1	-	1	-	-	-	-	1	-
5.50 - 5.99	-	-	2	1	-	-	1	-	-	-	-	-	-	-	-
6.00 - 6.49	-	-	-	2	-	-	1	-	-	-	-	-	-	1	-
6.50 - 6.99	-	1	-	2	-	-	1	1	-	-	-	-	-	-	-
7.00 - 7.49	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
7.50 - 7.99	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
8.00 - 8.49	-	1	5	7	-	-	-	-	-	-	-	-	-	-	-
8.50 - 8.99	-	6	3	4	-	-	-	-	-	-	-	2	1	-	-
9.00 - 9.49	-	14	3	5	-	-	-	-	-	-	-	3	-	-	-
9.50 - 9.99	-	15	3	-	-	-	-	-	-	-	-	-	-	-	-
10.00 - 10.49	-	13	1	-	-	-	-	-	-	-	-	-	-	-	1
10.50 - 10.99	-	8	7	-	-	-	-	-	-	-	-	-	-	-	-
11.00 - 11.49	-	14	3	-	-	-	-	-	-	-	-	-	-	-	-
11.50 - 11.99	-	8	1	-	-	-	-	-	-	-	-	-	-	-	-
12.00 - 12.99	-	23	2	-	-	-	-	-	-	-	-	-	-	-	-
13.00 - 13.99	-	9	-	-	-	-	-	-	-	-	-	-	-	-	1
14.00 - 14.99	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
15.00 - 15.99	-	1	-	-	-	-	2	-	-	-	-	-	-	-	-
16.00 - 16.99	-	-	-	-	-	-	1	-	-	1	2	-	-	-	1
17.00 - 17.99	2	-	-	-	-	-	-	-	-	1	2	-	-	-	1
18.00 - 18.99	3	-	-	-	-	-	-	1	-	-	1	-	-	-	2
19.00 - 19.99	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-
20.00 - 20.99	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.00 - 21.99	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-
22.00 - 22.99	1	-	-	-	-	-	1	-	-	-	2	-	-	-	-
23.00 - 23.99	1	-	-	-	1	-	-	-	-	-	4	-	-	-	-
24.00 - 24.99	-	-	-	-	1	1	-	-	-	1	-	-	-	-	-
25.00 - 25.99	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
26.00 - 26.99	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-
27.00 - 27.99	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
28.00 - 28.99	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29.00 - 29.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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>BIB</u>	<u>BLB</u>	<u>BLC</u>	<u>BLG</u>	<u>CAP</u>	<u>CCF</u>	<u>FRD</u>	<u>YFRD</u>	<u>GSF</u>	<u>NOP</u>	<u>SNG</u>	<u>WAE</u>	<u>WHB</u>	<u>WHC</u>	<u>WTS</u>
Total	13	114	49	22	5	2	11	2	2	3	9	10	2	4	7
Min. Length	17.64	6.54	4.25	3.46	23.03	21.06	4.96	6.93	4.49	21.73	16.14	8.86	8.58	4.45	10.39
Max. Length	28.39	15.20	12.99	9.33	27.52	24.84	22.80	18.82	5.31	26.77	23.62	19.84	14.33	6.26	18.78
Mean Length	20.81	10.87	7.96	7.87	25.43	22.95	10.31	12.87	4.90	24.28	21.17	13.30	11.46	5.07	15.48
# Measured	13	110	49	20	5	2	11	2	2	3	9	10	2	4	7
No Lengths for	0	5	0	2	0	0	0	0	0	0	0	0	0	0	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.

**Length Frequency Distribution For TN (Continued)**

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

(Field work conducted between 06/18/2012 and 06/21/2012)

	<u>YEB</u>	<u>YEP</u>
< 3.00	-	-
3.00 - 3.49	-	-
3.50 - 3.99	-	-
4.00 - 4.49	-	-
4.50 - 4.99	-	-
5.00 - 5.49	-	-
5.50 - 5.99	-	-
6.00 - 6.49	-	-
6.50 - 6.99	-	1
7.00 - 7.49	-	-
7.50 - 7.99	-	-
8.00 - 8.49	-	1
8.50 - 8.99	-	-
9.00 - 9.49	1	-
9.50 - 9.99	-	-
10.00 - 10.49	-	-
10.50 - 10.99	-	-
11.00 - 11.49	1	-
11.50 - 11.99	1	-
12.00 - 12.99	-	-
13.00 - 13.99	-	-
14.00 - 14.99	-	-
15.00 - 15.99	-	-
16.00 - 16.99	-	-
17.00 - 17.99	-	-
18.00 - 18.99	-	-
19.00 - 19.99	-	-
20.00 - 20.99	-	-
21.00 - 21.99	-	-
22.00 - 22.99	-	-
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	-	-
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>YEB</u>	<u>YEP</u>
Total	3	2
Min. Length	9.33	6.61
Max. Length	11.77	8.19
Mean Length	10.79	7.40
# Measured	3	2
No Lengths for	0	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.

**Other Species**

Gear Type (1)	Other Species (Gender) (2)	Total Num	Number Measured	Length (inches) Min - Mean - Max	Number Weighed	Weight (pounds) Min - Mean - Max
TN	Painted Turtle	24	0	N/A	0	N/A
	Snapping Turtle	2	2	20.91 - 22.94 - 24.96	0	N/A

**(1) Key to sampling gear abbreviations:**

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

**(2) Gender:** If identified and reported.

**Approval Dates And Notices**

Date Approved By Windom Area Fisheries Supervisor: \_\_\_\_\_

Date Approved By Southern Region Fisheries Manager: \_\_\_\_\_

**This Draft version of the Standard Lake Survey Report contains preliminary data (as of 06/25/2012), 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.

## REPORT OVERVIEW - FOR OFFICE USE ONLY

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

---

**Lake Name: Loon**

**Survey Type: Population Assessment**

**DOW Number: 32-0020-00**

**Survey ID Date: 06/18/2012**

---

**Beach Seine (1/8 inch 15 foot), Beach Seine (1/8 inch 50 foot)**

---

**Survey Status:** Proposed

The following 18 (of 31) report components are not included in this report:

1. Water Level History\*
2. Lake Inlets
3. Additional Inlet Information
4. Lake Outlets
5. Additional Outlet Information
6. Water Control Structure (Dam)
7. Surrounding Watershed Characteristics, Shoreline Characteristics, and Riparian Landscape Observations
8. Resorts And Campgrounds
9. Fish Spawning Conditions
10. Erosion And Pollution
11. Fish Diseases And Parasites
12. Aquatic Vegetation And Shoalwater Substrates
13. Laboratory Analysis Of Water Chemistry
14. Length At Capture With Last Incremental Length\*
15. Back-Calculated Lengths
16. Age Class Frequency Distributions
17. Status Of Fishery And Field Notes
18. Water Quality (Winter Observations) (added to revision 01/21/2010)

\* 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.

\* 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 06/25/2012 may not be reflected in the Distribution tables until 06/26/2012.**