

Glenwood Area Fisheries Newsletter

Minnesota Department
of Natural Resources

Winter 2013 - 2014
Seasons Greetings!

Glenwood fisheries work summary for 2013

The 2013 season began with a delayed **walleye egg-take operation** due to an extended winter and unusually cold spring. Normally, Glenwood staff are travelling to Grand Rapids in mid to late April to assist the operation at Little Cut Foot Sioux, but northern lakes were frozen tight into early May and delayed hatchery operations a good 2-3 weeks. Walleye eggs however began arriving at the Glenwood hatchery in April from other spawning runs in Brainerd and Bemidji which warmed up before the northeastern part of the state. Delayed ice-out dates seemed to hold mature walleyes back to the point that when water did start flowing, the eggs came fast and heavy. By the third week in May, the Glenwood hatchery was carrying 820 quarts of eggs, or about 98 million eggs. By Memorial Day Weekend, about 51 million fry were being stocked out to Area lakes and rearing ponds. See Table 1 for a complete list of lakes stocked with fry and fingerlings in 2013.

The **2013 lake survey season** began June 15. See Table 2 for a complete list of lakes surveyed. Summaries describing the most recent status of each lake's fish population can be found at: <http://www.dnr.state.mn.us/lakefind/index.html>. Fish population status is based on the numbers and sizes of fish caught compared to surveys conducted in years past. Lakes scheduled to be surveyed in 2014 can be found in Table 3.

Walleye young-of-year electrofishing conducted on 9 "core" walleye lakes last September yielded interesting results. The total number of

young walleye collected per hour of electrofishing helps us determine how well stocked or naturally produced walleyes survived over the summer and whether or not the lake will receive a future stocking of fingerlings. A catch rate of less than 20 per hour for 2 years in a row will trigger walleye fingerling stocking the following year. A list of catch rates in 2013 for core walleye lakes can be found in Table 4.

Lakes Miltona and Oscar received **muskelunge fingerling stockings** in October 2013. A total of 1400 and 100 fingerlings were stocked in each lake, respectively. Muskellunge fingerlings are grown at the DNR office in New London and are approximately 12-14 inches in length when stocked.

Our annual **fall walleye pond harvest** season got underway in mid-September. Just over 5 tons of walleye fingerlings, yearlings and adults were harvested and stocked into Area lakes.

Research staff in Glenwood are currently working on developing a new long-term monitoring program for small to medium sized lakes in Minnesota. Also, studies examining large-mouth bass nesting as well as walleye fingerling and fryling performance are ongoing. Details are available by calling the Glenwood Office.

The **winter season** is underway. Staff is repairing nets and other equipment, analyzing fisheries data and writing reports. Please feel free to call or visit Monday-Friday 7:00 am to 4:30 pm.

Table 1. Walleye stocking 2013

Note: Fingerlings averaged 15-20 per pound

Lake	Fry (Number) stocked	Pounds of fgl, yrl or adl stocked
Aaron		834
Ann	370,000	
Barrett	437,749	
Carlos		910
Cottonwood		488
Darling		555
Freeborn	254,478	
Geneva		304
Gilchrist		423
Grants	52,530	
Grove		530
Hattie	458,761	
Ida	2.65 million	
Indian		92
Irene		470
LeHommeDieu		771
Linka		158
Lobster		1,334
Long (Douglas Co.)	647,868	
Long (Stevens Co.)	235,801	
Lower Elk	134,243	
Miltona	2.60 million	
Minnewaska	7.59 million	
Moses		402
Mountain		98
Osakis	6.86 million	
Pelican (Grant Co.)	3.46 million	
Pelican (Pope Co.)		880
Perkins	520,629	
Pomme de Terre	2.35 million	
Rachel		263
Red Rock	892,500	
Reno	1.95 million	
Scandinavian		482
Smith		555
Thompson		142
Turtle		366
Victoria		123

Table 2. Lakes surveyed in 2013.

Lake	Lake survey (LS) Population assessment (PA)
Carlos	PA*
Big Chippewa	LS
Little Chippewa	PA
Cowdry	PA
Lobster	PA
Maple	PA
Mary	LS
Stowe	PA
Pelican (Grant Co.)	PA
Amelia	PA
Leven	PA
Villard	PA

* Annual long-term monitoring

Table 3. Lakes to be surveyed in 2014.

Lake	Lake survey (LS) Population assessment (PA)
Blackwell	PA
Carlos	PA*
Freeborn	PA
Grants	PA
Irene	PA
Mina	PA
Minnewaska	PA
Osakis	PA
Red Rock	PA
Smith	PA**
Vermont	PA

* Annual long-term monitoring

** Special fryling evaluation

Table 4. Fall young-of-year electrofishing for walleyes 2013 (number/hour).

Lake	Date				
	2009	2010	2011	2012	2013
<i>Andrew</i>	9.3	16.8	7.5	86.7	4.9
<i>Big Chippewa</i>	24.4	34.3	5.4	47	65
<i>Big Pelican</i>	104	133	59	11	17
<i>Ida</i>	11	0	14	17	14.6
<i>Mary</i>	21	68	5.2	59	4
<i>Miltona</i>	124.7	12	111.9	39	10
<i>Minnewaska</i>	6.8	4.9	70.6	16.4	27
<i>Osakis*</i>	3	1	4	81	0
<i>Reno</i>	53	4	42	4	34

* Spring sampling for yearlings

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