### DEPARTMENT OF NATURAL RESOURCES

# Big Pine (58013800)

Area: 398.95 acres	Mean Depth: 15 feet
Littoral Area: 135 acres	Maximum Depth: 25 feet
Shore Length: 5.78 miles	Average Water Clarity: 4.9 feet

### Choose a survey:

Standard Survey (2014-08-11)

### Water Access Information:

Administrator	Access Type	Notes	Use Type
MnDOT	Concrete	Gravel parking for 12.	Open to Public use
DNR	Channel	Access on N end of South Big Pine Lake off CR 23. Channel between lakes is navigable.	Open to Public use

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## **Fish Sampled**

### Filters:

all species	~
all gear	~

Species	Gear	CPUE	Normal Range	Avg Weight	Normal Range	Count
black crappie	Standard gill nets	1.89	0.6-3.5	0.25	0.2-0.5	17
black crappie	Standard trap nets	7.56	0.7-3.4	0.27	0.2-0.6	68
bluegill	Standard trap nets	13.89	6.1-46.6	0.17	0.1-0.3	125

Species	Gear	CPUE	Normal Range	Avg Weight	Normal Range	Count
bluegill	Standard gill nets	3.00	N/A	0.19	N/A	27
common shiner	Standard trap nets	0.11	N/A	0.08	N/A	1
golden shiner	Standard trap nets	0.67	0.1-0.5	0.07	0.1-0.1	6
largemouth bass	Standard electrofishing	69.16	N/A	1.92	N/A	53
northern pike	Standard gill nets	1.89	3.5-10.5	3.61	1.6-2.9	17
northern pike	Standard trap nets	0.44	N/A	4.17	N/A	4
pumpkinseed	Standard trap nets	0.11	2.0-8.5	0.13	0.1-0.2	1
walleye	Standard gill nets	0.89	1.3-5.0	3.24	1.3-2.5	8
walleye	Standard trap nets	0.44	0.3-0.7	0.23	1.1-3.4	4
white sucker	Standard gill nets	1.78	0.5-2.7	2.19	1.8-2.5	16
white sucker	Standard trap nets	1.22	0.3-1.4	2.94	1.6-2.9	11
yellow bullhead	Standard trap nets	0.11	1.3-9.8	0.42	0.5-0.8	1
yellow perch	Standard trap nets	2.00	0.5-3.3	0.10	0.1-0.2	18
yellow perch	Standard gill nets	59.89	3.4-43.6	0.06	0.1-0.2	539

showing 17 of 17 fish samples

### 25-30-35-40-45-8-10-12-15-20-**Species** 0-5 6-7 50+ Total black crappie bluegill common shiner golden shiner largemouth bass northern pike pumpkinseed walleye white sucker vellow bullhead

## Length of Select Species Sampled - All Gear Combined

Number of fish caught in each category (inches)

## **Status of the Fishery**

yellow perch

Big Pine Lake is a fertile, 387 acre lake located in Pine and Aitkin counties. The lake averages 14 feet with a 22 foot maximum. Water clarity is generally good with a light bog stain, though algae blooms are not uncommon. Lake users can access Big Pine through the public access on the north end of the lake or from the north end of Pine Lake. While natural reproduction of Walleye has occurred, due to limited spawning habitat, Walleye fingerlings are stocked annually.

Anglers on North Big Pine can expect moderate fishing pressure. Walleye abundance has decreased since peaking in the 1994 assessment. Northern Pike are slightly more numerous. Abundance of both species is below the normal range for the lake class while their average size exceeds the norm. Northerns averaged 25.4 inches and 3.3 pounds. Walleyes ranged from 11.9 to 27.6 inches and averaged 3.3 pounds. Largemouth Bass are in good quantity and of quality size. Bass averaged 15 inches and 1.9 pounds. Yellow Perch are slightly more abundant than five years ago with a catch rate exceeding the lake class norm for the first time since 1999. Perch continue to function primarily as a forage species due to their small sizes. The Bluegill and Black Crappie numbers are more than adequate to warrant angling, with more harvestable sized individuals sampled than in the previous assessment.

# **For More Information**

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We use <u>JSON (http://www.json.org/)</u>, a lightweight data-interchange format, to deliver the lake survey data. If you are an application developer, you can access this data to develop custom reports and products - <u>get the data</u> (<u>https://maps2.dnr.state.mn.us/cgi-bin/lakefinder/detail.cgi?type=lake\_survey&id=58013800)</u>.

### Questions?

Call 651-296-6157 or 888-MINNDNR (646-6367) Email us: info.dnr@state.mn.us

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