



## PARRY SOUND AREA LAKE SUMMARIES



Brought to you compliments of:

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### Healey Lake

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#### **Location:**

MNR District:..... Parry Sound  
Geographic Township: ..... Conger  
Municipal Township: ..... Archipelago  
Watershed: ..... Moon River  
Angling Division: ..... 15

#### **Basin and Terrain Characteristics:**

Lake Survey Year: ..... 1973  
Surface Area:..... 763.4 hectares  
Maximum Depth: ..... 22.9 meters  
Mean Depth: ..... 5.7 meters  
Perimeter: ..... 55.7 km  
Island shoreline: ..... 19 km  
Littoral Zone: ..... 61%  
Shoreline Development: ..... 324 Cottages, 4 Resorts (1973)  
Access Points: ..... Road (Public)  
Water Level: ..... Controlled; MNR dam at outlet  
Crown Land: ..... 90% Shoreline

#### **Water Quality:**

(Parameters pertain to fisheries habitat only. For information on potability of water or contaminants, contact Min. of Health and Min. of Environment.)

Secchi reading: 3.9 meters

**Colour:** Yellow/Brown  
**Alkalinity:** 13.7 mg/l - Level 3 Moderately Sensitive (MOE, 1989)  
**pH:** 6.5 (1973)  
**Total Phosphorus:** 0.01 to 0.006 ug/l  
**M.E.I.:** 3.4

**“Guide to eating fish”:** No Information

## **Fisheries:**

**Game Fish Species:** Smallmouth Bass, Northern Pike, Yellow Perch, Black Crappie (Introduced prior to 1997), Largemouth Bass,  
(A 1959 Walleye introduction was unsuccessful)

**Other species present:** Lake Herring, Rock Bass , Pumpkinseed , Brown Bullhead, White Sucker, Johnny Darter, Bluntnose Minnow

**Exotic Species:** None

**Stocking Record:** 1959 Walleye 1,050 fingerling  
1959 Walleye 1,000 fingerling  
1959 Walleye 300 fingerling  
1958 Walleye 85 adult  
1958 Walleye 100 fingerling  
1956 Walleye 600,000 eggs

**Use Type:** Snowmobile Trail, Cottage Development, Recreational Fishing, Tourism Based Industry

## **Summary of Fisheries Studies / Reports:**

1986 Healy Lake Property Owner’s Association **Coarse Fish Removal**

- 1984 trap netting removed 556 fish
- 1985 fish derby removed 1,126 lbs of Rock Bass and Pumpkinseed
- 1984 fish derby removed 1,540 lbs of Rock Bass and Pumpkinseed
- 1986 netting removed 200 suckers
- 1996 fishing tournament removed 79 lbs of which 70% were rock bass and the rest mainly pumpkinseed and one brown bullhead
- Total removal from 1984 to 1987 is 3,363 lbs of coarse fish for the fish derbies

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Paus, R.M. 1983. 1983 Inland lake fishery assessment program: Healey Lake. 49 p.

Abstract:

*An intensive trap and gill netting program was performed on Healey Lake from July 31 –*

August 23, 1983. This program was an attempt to gather information concerning fish species composition, age-class structure of the sport fish, relative abundance of the various fish species and coarse fish removal.

Coarse fish (rock bass, pumpkinseed) were most abundant. Northern pike and yellow perch were virtually absent from trap and gill net catches. The largemouth bass population appeared to be healthy. This population was localized in Dollar Bay which could lead to overexploitation. The 2+ and 4+ age-classes were the highest represented among the largemouth and smallmouth bass. Insufficient sample size did not permit any evaluation of the age-class structure of yellow perch, northern pike cisco and white sucker.

Growth rates were determined for largemouth bass, smallmouth bass, yellow perch, northern pike, cisco and white sucker.

**MNR 1973 Raw Creel Data (Winter, 1973)**

- 67.5 rod hours yielded 4 northern pike

**MNR 1973, 1974, 1977 Intensive Creel Survey (Summer)**

- 4 rod hours yielded 1 rock bass in 1977
- 17.5 rod hours yielded 3 smallmouth bass and 1 northern pike in 1974
- 6.5 rod hours yielded no fish in 1973

**Lee, T. 1973 Interpretation of Limnological Data** collected on Healy , LaForce and Conger Lake

- This lake can not produce many pounds of fish annually.
- The fishing effort should be limited if a high quality fishery is desired.
- The lake can support both warm and cold water fishery but oxygen levels can be limiting on the cold water species.
- Depending on spawning facilities the lake can be managed for trout, walleye, northern pike, largemouth bass and smallmouth bass.

**Management Prescription:**

Manage as a natural, self-sustaining pike, bass and crappie fishery.