



PARRY SOUND AREA LAKE SUMMARIES



Brought to you compliments of:

Gord Pollock, Broker

Century 21 Granite Properties Ltd Brokerage
33 James Street, Parry Sound, Ontario P2A 1T6

Business: 705-746-2158 , Fax: 705-746-4746

Residence: 705-746-4816 , Cell: 705-774-0955

Website: www.gordpollock.com Email: gord@gordpollock.com

Stewart Lake

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Revised:

Location:

MNR District:..... Parry Sound
Geographic Township: Freeman & Medora
Municipal Township: Georgian Bay & Muskoka Lakes
Watershed: Muskoka River
Angling Division: 15

Basin and Terrain Characteristics:

Lake Survey Year: 1973
Surface Area:..... 150.3 hectares
Maximum Depth: 20.4 meters
Mean Depth: 7.1 meters (1985)
Perimeter: 10.1 km
Island shoreline: 0.5 km
Littoral Zone: 53%
Thermal Regime: Cool
Shoreline Development: 100 Cottages, 1 Resort (1975)
Access Points: Road (Public)
Water Level: Not Regulated
Crown Land: 10% 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: 2.6 meters; 3.25 (1974)
Colour: Yellow/Brown

Dissolved Oxygen: Anoxic Hypolimnion < 0.8 mg/l (1998)
Alkalinity: 20.5 mg/l
pH: 7.0; 6.5 (1974)
Total Phosphorus: 1.1 ug/l (1974)
M.E.I.: 8.7

“Guide to eating fish”: No Information

Fisheries:

Game Fish Species: Smallmouth Bass, Lake Trout (1966), Rainbow Trout (2000), Splake (2000), Northern Pike (1985, Anecdotal)

Other species present: Rainbow Smelt, White Sucker, Golden Shiner, Pumpkinseed

Exotic Species:

Stocking Record: 2002 Splake 2,500 17 months
2000 Rainbow Trout 3,000 8 to 10 inch
2000 Splake 2,500 8 to 10 inch
1999 Rainbow Trout 2,200 8 to 10 inch
1966 Lake Trout 1,000 yearling
1964 Lake Trout 1,000 yearling
1961 Smallmouth Bass 2,000 fingerling
1961 Lake Trout 1,000 yearling
1961 Smallmouth Bass 1,000 fingerling
1960 Smallmouth Bass 2,000 fingerling
1958 Smallmouth Bass 500 fingerling
1955 Smallmouth Bass 200 fingerling
1952 Smallmouth Bass 300 fingerling
1950 Smallmouth Bass 400 fingerling
1949 Smallmouth Bass 500 fingerling
1946 Smallmouth Bass 5,000 fry
1945 Smallmouth Bass 500 fingerling

Stress Type:

Use Type: Recreation, Recreational Fishing, Tourism Based Industry

Summary of Fisheries Studies / Reports:

MOE 1975 **Water Quality** of Stewart Lake

- the lake has a flushing rate 2.3 years
- chlorophyll ‘a’ averaged 4.2 ug/l ranging from 2.3 to 6.0

Management Prescription: