

SHARBOT LAKE

LOCATION:

Sharbot Lake is located in the newly amalgamated Township of Central Frontenac, south of Highway # 7 at the town of Sharbot Lake. The heavily developed hamlet of Sharbot Lake is located on the peninsula separating the lake into two basins (East and West).

SIZE / DEPTH:

East Basin

Perimetre - 31.4 kilometres

Maximum Depth - 31.0 metres

West Basin

Perimetre - 44.3 kilometres

Maximum Depth - 31.1 metres

QUALITY:

In general the water quality in Sharbot Lake is very good, and has improved over the past twenty-six years. The average clarity depth for 2001 was 4.5 metres indicating a moderately enriched (some nutrients) or mesotrophic lake. The Provincial Water Quality Objective for Total Phosphorus for Sharbot Lake is 20 micrograms per litre. The average for the euphotic zone (penetration of light) for 2001 is 7.2 micrograms per litre indicating an unenriched (few nutrients) or an oligotrophic lake. The average for the sample taken one metre off the bottom is 11.4 micrograms per litre indicating a moderately enriched (some nutrients) or mesotrophic lake. Chlorophyll a is a measure of algal density in the lake. The average chlorophyll a densities for 2001 was 2.29 micrograms per litre indicating a moderate algal density for Sharbot Lake in 2001.

SURROUNDING LAND:

Cottages - 221 (as of 1995)

Permanent Residence - 44 (as of 1995)

Resorts - 7

Provincial Park Campsites - 185 (as of 1995)

ACCESS:

Public boat launch is available on the east side of the west basin. Access is also available through Sharbot Lake Provincial Park.

FISH:

East Basin - Warm Water Fishery

Northern Pike

Smallmouth Bass

Largemouth Bass

West Basin - Cold Water Fishery - Lake Trout

INVADING SPECIES:

Zebra Mussels (as of 1995)