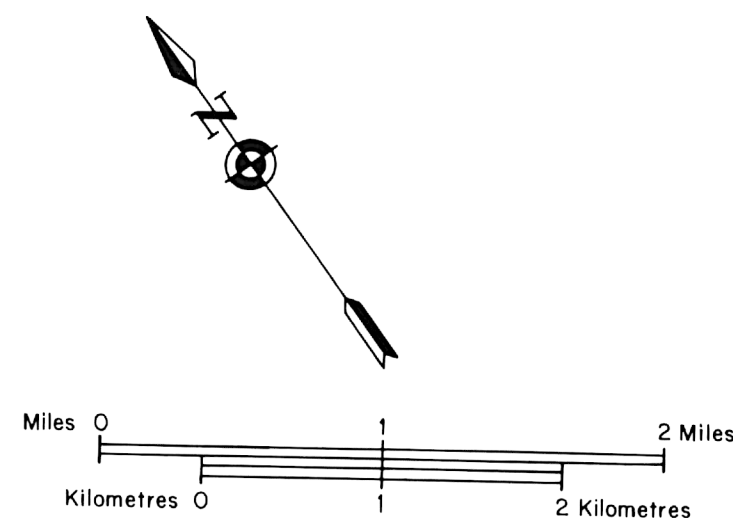


KEY MAP



WEST SECTION

This map is intended for fisheries management purposes only. It should not be used as a guide in navigation because no effort has been made to show the various shoals and hazards which might occur between points of sounding.



Ministry of  
Natural  
Resources

### EAGLE LAKE (WEST SECTION)

District of Kenora

Docker, Langton, Mutrie  
Temple, Aubrey Townships  
and Unsurveyed Territory

#### PHYSICAL DATA

LATITUDE	49° 42'	LONGITUDE	93° 13'
SURFACE AREA	68,426 acres	VOLUME	1,532,849 acre feet
HEIGHT ABOVE SEA LEVEL	1,192 feet	PERIMETER	406 miles
MAXIMUM DEPTH	110 feet	MEAN DEPTH	22.4 feet

#### LAKE CHARACTERISTICS

Thermal stratification was evident during the survey. Water temperatures ranged between seventy-one and forty-nine degrees Fahrenheit in the eighty foot basin in the western section of the central part of the lake. The fourteen degree temperature drop (65° F to 51° F) between the thirty-five and sixty foot levels identified the thermocline, the layer of water in which there was the most rapid temperature decrease. The dissolved oxygen content dropped from a near surface reading of 10.0 to 2.0 parts per million near the bottom. The mean 6.8 pH value showed a near neutral characteristic in relation to the hydrogen ion composition in the water. An average total dissolved solids concentration of 17 parts per million was determined from conductivity readings. Clarity in this blue-green coloured water was indicated by the disappearance of the secchi disc from view, 11 feet below the surface.

#### FISH SPECIES PRESENT

Yellow pickerel, northern pike, sauger, smallmouth bass, lake trout, maskinonge, yellow perch, burbot, lake whitefish, lake herring, white sucker, shorthead redhorse, emerald shiner, blackchin shiner, blacknose shiner, spottail shiner, mimic shiner, bluntnose minnow, fathead minnow, trout-perch, ninespine stickleback, rock bass, pumpkinseed, Johnny darter, log perch, mottled sculpin and slimy sculpin.

#### FISHING

Eagle Lake provides good fishing for yellow pickerel and northern pike, the primary sport species. Maskinonge fishing is found in all sections of the lake with many large individuals taken each year. Lake trout fishing is available only in the western arm of the lake. Smallmouth bass are not numerous but occasionally a large specimen is caught. The Bear Narrows area in the southern section of Eagle Lake is a favoured haunt for ice-fishermen with yellow pickerel, sauger, and northern pike comprising most of the catch.

#### ACCESS AND FACILITIES

Eagle Lake is located just south of Highway No. 17 between Dryden and Vermilion Bay. Public access is provided close to the highway and on several all-weather logging roads. There are 31 tourist resorts on Eagle Lake. Most resorts are accessible by car.

SURVEY DATE  
June 1, 1972 - August 16, 1974  
THE ABOVE INFORMATION IS VALID AS OF AUGUST, 1974  
CONDITIONS ARE SUBJECT TO CHANGE.  
COPIES OF THIS MAP ARE AVAILABLE AT LOCAL MINISTRY OF  
NATURAL RESOURCES OFFICES.

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This map is NOT FOR USE IN NAVIGATION and is NOT TO BE DIGITIZED for use in navigational aids. This map does not reflect the current state of the water body and any inherent navigational hazards. This map is for information purposes only and we make no claims as to the accuracy of the data presented.

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EAGLE LAKE  
(WEST SECTION)