



Ministry of  
Natural  
Resources

## LONG LAKE

County of Frontenac

Olden and Hinchinbrooke Townships

### PHYSICAL DATA

LATITUDE	44° 40'	LONGITUDE	76° 46'
SURFACE AREA	744 acres	VOLUME	14,999 acre feet
HEIGHT ABOVE SEA LEVEL	603 feet	PERIMETER	10.5 miles
MAXIMUM DEPTH	44 feet	MEAN DEPTH	20.2 feet

### LAKE CHARACTERISTICS

Thermal stratification was not evident at the time of the survey. Water temperatures dropped from 62°F at the surface to 57°F near the bottom. The dissolved oxygen content ranged from 11.0 to 6.0 parts per million from surface to near bottom. A surface 7.5 pH value, an expression of the hydrogen ion composition in the water, showed an alkaline characteristic. A total dissolved solids content of 130 parts per million was determined from a surface conductivity reading. Clarity in this light brown coloured water was indicated by the disappearance of the secchi disc from view, 6 feet below the water surface.

### FISH SPECIES PRESENT

Yellow pickerel, smallmouth bass, northern pike, white sucker, pumpkinseed, brown bullhead, yellow perch, rock bass and common shiner.

### FISHING

Yellow pickerel are found adjacent to most of the shoreline and sandy shoals throughout the lake, while northern pike frequent shallow waters containing heavy aquatic vegetation. Worms, minnows, frogs, and crayfish, as well as many bright coloured artificial lures (spinners and wobblers) are effective baits.

### ACCESS AND FACILITIES

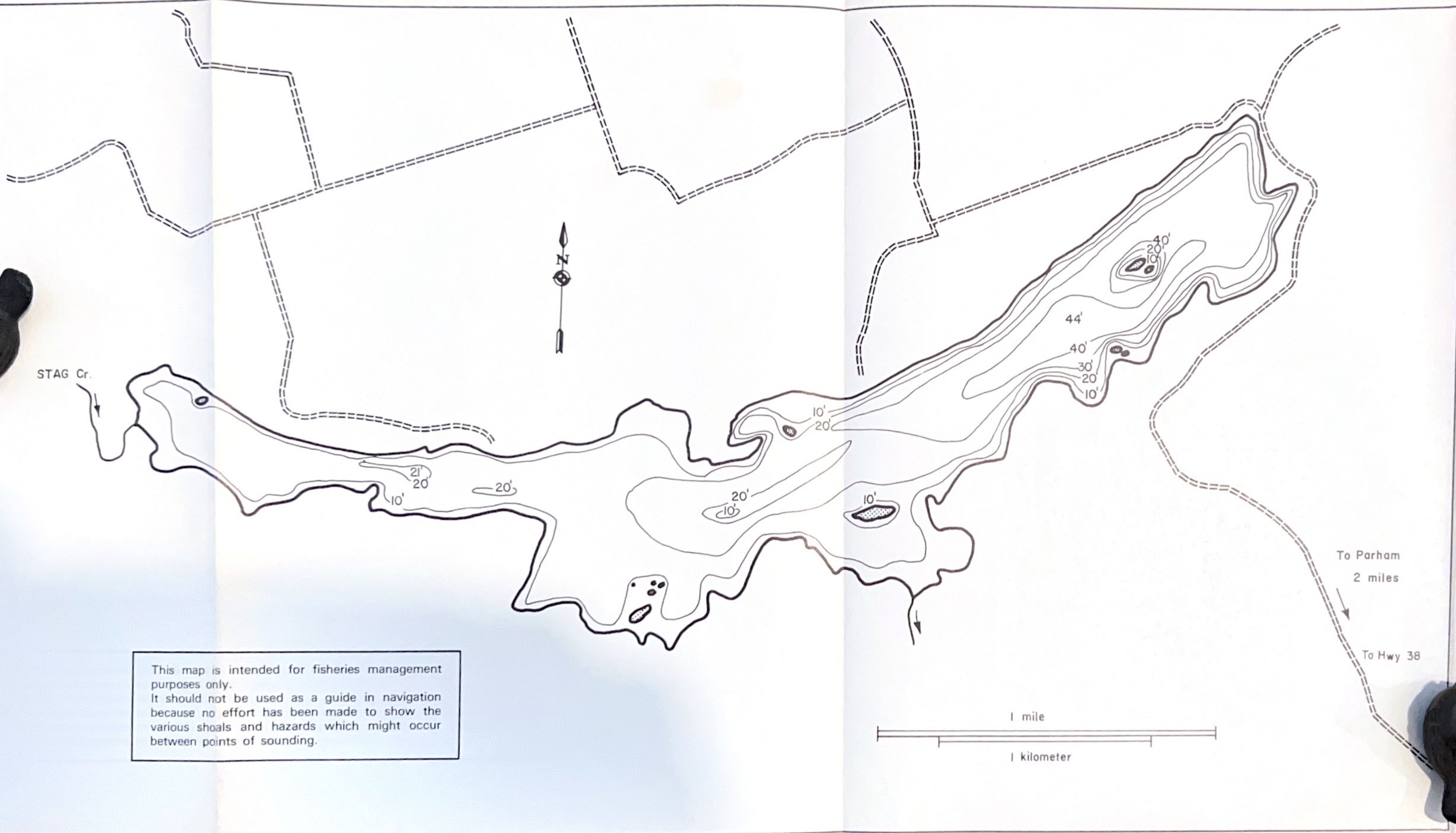
Long Lake is located three miles north of Parham, a small village on Highway 38, thirty-two miles north of Kingston. It may be reached by following the secondary road north, from Parham. Several commercial tourist resorts providing access and accommodation have been established on the lake.

### SURVEY DATES

August 15-21, 1967 — May 14-15, 1968

THE ABOVE INFORMATION IS VALID AS OF MAY, 1968.  
CONDITIONS ARE SUBJECT TO CHANGE

COPIES OF THIS MAP ARE AVAILABLE AT LOCAL MINISTRY OF  
NATURAL RESOURCES OFFICES.



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.