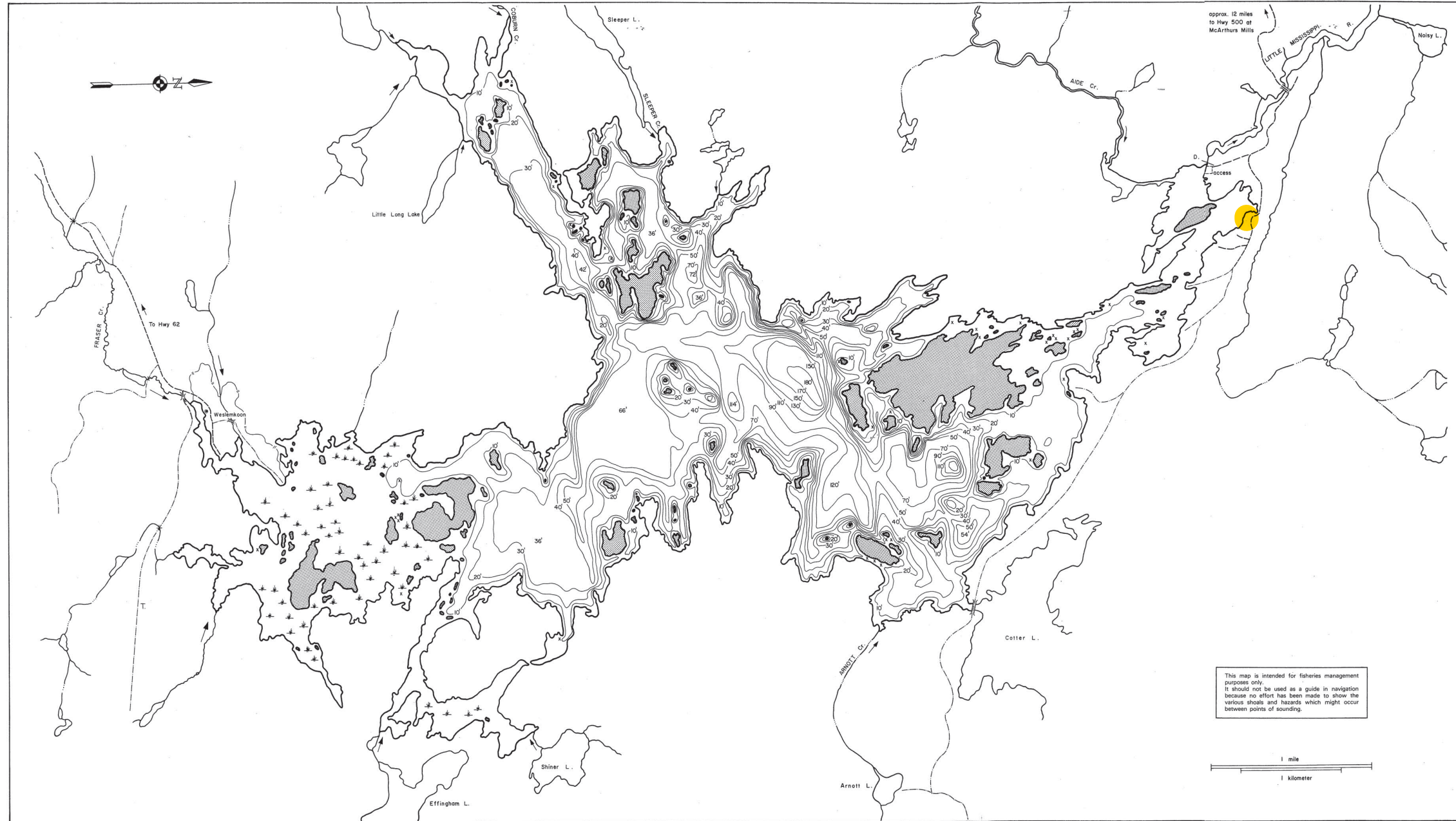


● Hidden Cove



WESLEMKOON LAKE

County of Lennox & Addington Ashby & Effingham Townships

PHYSICAL DATA			
LATITUDE	45° 02'	LONGITUDE	77° 25'
SURFACE AREA	4,832 acres	VOLUME	147,617 acre feet
HEIGHT ABOVE SEA LEVEL	1,038 feet	PERIMETER	61.4 miles
MAXIMUM DEPTH	180 feet	MEAN DEPTH	30.5 feet

LAKE CHARACTERISTICS

Weslemkoon Lake was thermally stratified at the time of the survey. Water temperatures ranged from 64°F at the surface to 43°F at the one hundred and twenty foot depth. A twelve degree temperature drop (62°F to 50°F) between the twenty and thirty foot contours identified the thermocline, the water layer in which there was the most rapid decrease in temperature. The dissolved oxygen content of 8.0 parts per million remained constant from the surface level to a depth of ninety feet. A 7.0 pH value indicated a neutral water characteristic, in relation to the hydrogen ion composition in the water. The total dissolved solids concentration of 30 parts per million was determined from conductivity readings. Water transparency was indicated by the disappearance of the secchi disc from view, 15.1 feet below the surface.

FISH SPECIES PRESENT

Lake trout, smallmouth bass, largemouth bass, brook trout, white sucker, pumpkinseed, rock bass, yellow perch, golden shiner, and fallfish.

FISHING

Weslemkoon Lake is primarily a lake trout fishery. Smallmouth bass and largemouth bass are present in significant numbers as well. Since the reconstruction of the dam at the outlet on the northwestern edge of the lake, the largemouth bass population has declined, corresponding with an increase in the smallmouth bass population. The dam raised the water level approximately six feet, thereby increasing the depth of water over the traditional largemouth bass spawning beds. In 1970 over twenty four thousand largemouth bass fingerlings were stocked in the lake. A follow up survey in 1972 showed that there was no significant increase in the largemouth bass population due to the stocking. Recent creel census indicates that the angling quality for lake trout is excellent. Lake trout are found on the shallow shoals in the spring and in deeper waters (40 feet +) during the summer months. Smallmouth bass are most commonly caught adjacent to the shoreline and rocky shoals. The flooded marshy areas with heavy aquatic vegetation at the northern end, southeastern end, and at most tributary entrances, provide the best angling for largemouth bass. Artificial lures and natural bait are both used successfully.

ACCESS AND FACILITIES

Weslemkoon Lake is located approximately thirty three miles southeast of Bancroft. A public access point with boat launching facilities is located at the northern tip of the lake. Access to commercial tourist resorts and trailer camps on the lake can be found off Highway #62 at Gilmour turn, south of Bancroft or off Highway #500 at McArthur's Mills east of Bancroft.

SURVEY DATES

Surveys of varying intensity and purpose have been conducted on this lake since 1961 by both the Ministry of Natural Resources and the Ministry of Environment.

THE ABOVE INFORMATION IS VALID AS OF 1973.
 CONDITIONS ARE SUBJECT TO CHANGE