



MIDAS # 3734

HIGHLAND LAKE

WINDHAM, FALMOUTH TWPS.

CUMBERLAND CO., MAINE

AREA 840 ACRES



ONE-HALF MILE

OUTLET

HIGHLAND LAKE

Windham & Falmouth Twps., Cumberland, Co.
U.S.G.S. Cumberland Center, Me. (7.5')

Fishes

Brown trout	Minnows
Splake	Golden shiner
Rainbow smelt	Fallfish (chub)
Smallmouth bass	White sucker
Largemouth bass	Hornpout (bullhead)
White perch	Pumpkinseed sunfish
Yellow perch	American eel
Chain pickerel	Sea-run alewife

Physical Characteristics

Area - 634 acres

Temperatures:

Maximum depth - 67 feet

Surface - 80°F

60 feet - 50°F

Principal fisheries: Brown trout, splake, smallmouth bass, largemouth bass, white perch, chain pickerel

Highland Lake is located in a populated area of the State and it provides an important fishery resource for the area. The lake consists of two basins, the northern basin is larger and deeper and provides the majority of the coldwater fisheries habitat. The shallower basin, coves, and outlet areas provide ample habitat for warmwater fish.

This water thermally stratifies each summer, and a large band of cool, oxygenated water is available for salmonid management. Brown trout have been stocked by the Maine Department of Inland Fisheries and Wildlife for many years and are providing an excellent fishery. Large, fall yearling brown trout are stocked in order to provide an extra edge against the heavy competition and predation from warmwater fish species. Browns in the 2 to 3 pound range are quite common and occasionally fish up to seven pounds are caught. In the late 1990's, MDIFW began stocking splake, a brook trout - lake trout hybrid, to provide additional angling opportunities. Splake are now providing a popular winter fishery. In addition, unscheduled landlocked salmon and brook trout are occasionally stocked. The Maine Department of Marine Resources also stocks sea-run alewives on an annual basis.

Largemouth bass were introduced by MDIFW in the early 1940's to the early 1950's. Today, the population is self-sustaining and provides a good fishery. Smallmouth bass are also present, but their numbers are limited by a lack of habitat. Anglers also enjoy the white perch and pickerel fisheries.

A state owned parking area is located at the southern end of the lake. This site is set up for canoes and car-top boats only. A camp road leading to the ramp is located off the Mast Road in Falmouth.

Surveyed - July 1955

(Revised 1999)

Maine Department of Inland Fisheries and Wildlife

Funded in part by the Federal Aid in Restoration Act under

Federal Project F-28-P

L3734A