

Madawaska Lake
T16 R4 and Westmanland Twps., Aroostook County
U.S.G.S. Stockholm, Maine (7 1/2')

Fishes

Landlocked salmon	Longnose sucker
Brook trout	White sucker
Rainbow smelt	Hornpout (bullhead)
Yellow perch	Burbot (cusk)
Minnows	Threespine stickleback
Lake chub	Pumpkinseed sunfish
Golden shiner	Slimy sculpin
Common shiner	American eel
Blacknose dace	
Creek chub	

Physical Characteristics

Area - 1526 acres	Temperatures
Upper Lake	Surface - 71° F
Maximum depth - 38 feet	38 feet - 57° F
Lower Lake	Surface - 71° F
Maximum depth - 32 feet	32 feet - 56° F

Principal fishery: Landlocked salmon, brook trout

Madawaska Lake supports a sport fishery for landlocked salmon and brook trout of local significance. Smelts and sticklebacks provide the main forage base for salmon and trout.

Spawning and nursery areas for trout and salmon in Carry and McCluskey Brooks are considered very good. Salmon spawning and nursery areas are present in the outlet stream. A low head dam, equipped with a fishway-spillway, is located on the outlet of Madawaska Lake.

Madawaska Lake is considered borderline habitat for coldwater fishes. Temperature and oxygen levels suitable for coldwater fish exist between the 15- and 30-foot depths in the Upper Lake in late summer, and between 15 and 25 feet in the Lower Lake. The deepest water in both lakes is low in dissolved oxygen during the late summer months.

Madawaska Lake has recently experienced intensive algae blooms due high phosphorus levels in the lake. Because of the recreational significance of the lake and sport fishery resource, this situation is being addressed through cooperative Maine Department of Environmental Protection and private group efforts. Water quality enhancement projects are being implemented throughout the drainage to help control and correct the problem.

Coarse fishes such as yellow perch, suckers and minnow species limit salmon and trout production in Madawaska Lake by direct competition for food and space.

Madawaska Lake is considered heavily developed with both seasonal camps and year-residences. A public boat landing is located on the north end of the lake off Route 161.

Surveyed - August 1954

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