

MATAGAMON LAKE
(Grand Lake, First and Second Matagamon Lakes)
T6 R8, Penobscot Co.; T6 R9, Piscataquis Co.
U. S. G. S. Traveler Mountain, Me.

Fishes

Salmon	Minnows (cont'd)
Brook trout (squaretail)	Fallfish (chub)
Lake trout (togue)	Creek chub
Yellow perch	Blacknose dace
Hornpout (bullhead)	Redbelly dace
Smelt	Golden shiner
Lake whitefish	Common shiner
Eel	Banded killifish
White sucker	Cusk
Longnose sucker	Threespine stickleback
Minnows	Ninespine stickleback
Lake chub	Freshwater sculpin

Physical Characteristics

Area - 4165 acres	Temperatures
Maximum depth -	First Lake
First Lake -	Surface - 63° F.
95 feet	95 feet - 52° F.
Second Lake -	Second Lake
68 feet	Surface - 63° F.
	68 feet - 53° F.

Matagamon Lake is typical of the many Maine lakes where construction of a dam at the outlet has raised the original lake level and flooded vast expanses of low-lying land. This has created much additional shallow water and has completely changed many of the original characteristics of the lake. The increase in shallow water area has favored increase of coarse fishes that are serious competitors with coldwater fish for food and space.

Water below the 60-foot level is cold and well-oxygenated in late summer, and is suitable coldwater game fish habitat.

Experimental introductions of landlocked salmon have been made recently in an attempt to establish a salmon population that will be self-sustaining through natural reproduction. Tributaries and the outlet provide excellent spawning and nursery facilities for salmon. The fishway in the outlet dam has been renovated and appears to be adequate to permit movement of salmon between the lake and the outlet. An agreement with the dam owner provides for a minimum flow of 125 cubic feet per second in the outlet stream.

Conditions for togue reproduction can be improved by maintaining stable lake levels during and after the spawning season.

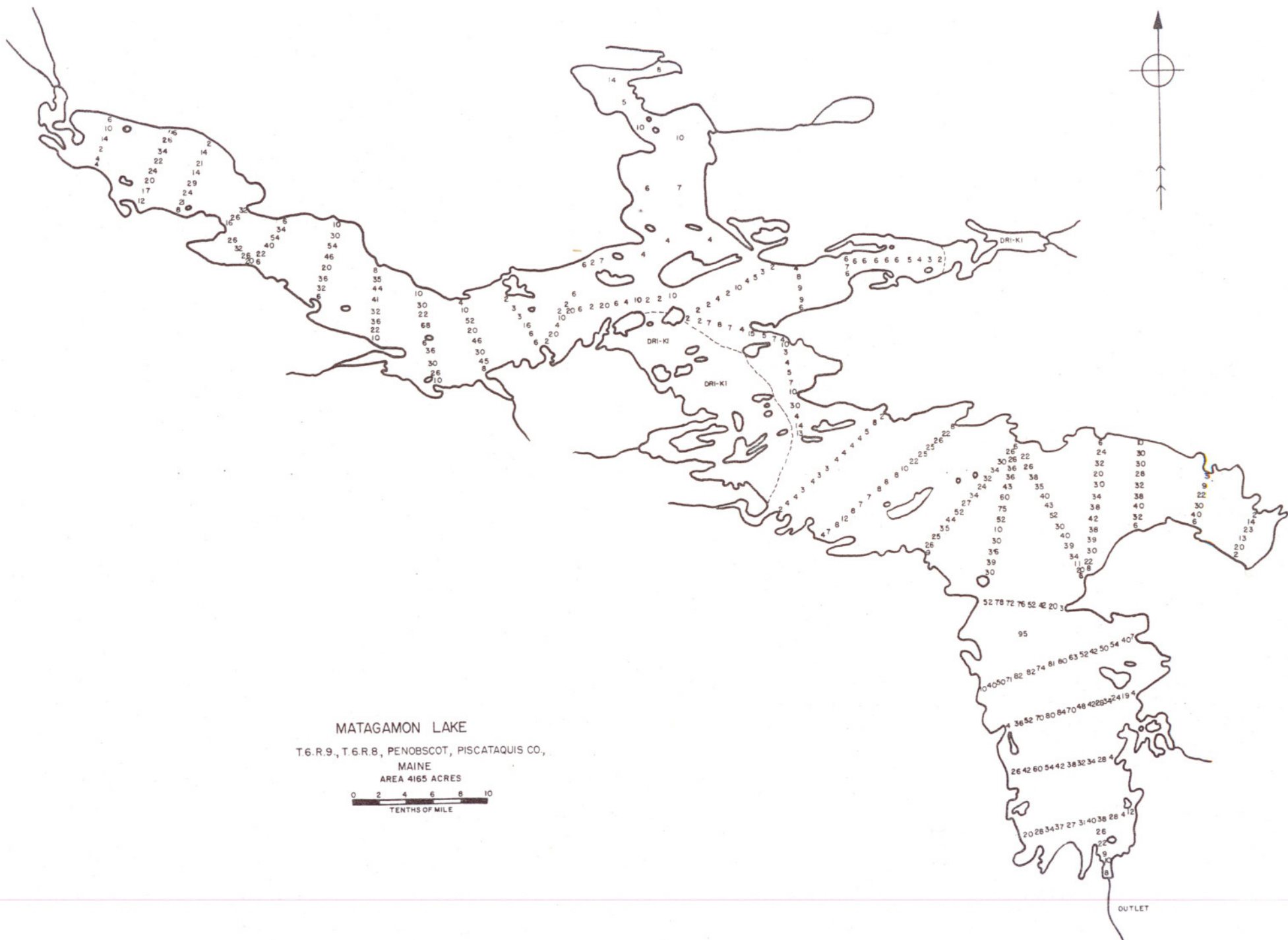
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MATAGAMON LAKE
 T.6.R.9, T.6.R.8, PENOBSCOT, PISCATAQUIS CO.,
 MAINE
 AREA 4165 ACRES

0 2 4 6 8 10
 TENTHS OF MILE

OUTLET