Atlantic Salmon Habitat and Dams in Maine

This map details Atlantic Salmon habitat within the state of Maine in conjunction with dams, levees, and other hydrological impoundments. It highlights salmon spawning and rearing areas, and represents dams by their hydraulic height.

Most Atlantic Salmon populations are anadromous, living most of their lives at sea and migrating upstream into freshwater to spawn. However, the Atlantic Salmon does not require saltwater to survive, and there are a number of landlocked populations of Atlantic Salmon in Maine due to the building of dams.

Hydrological Features

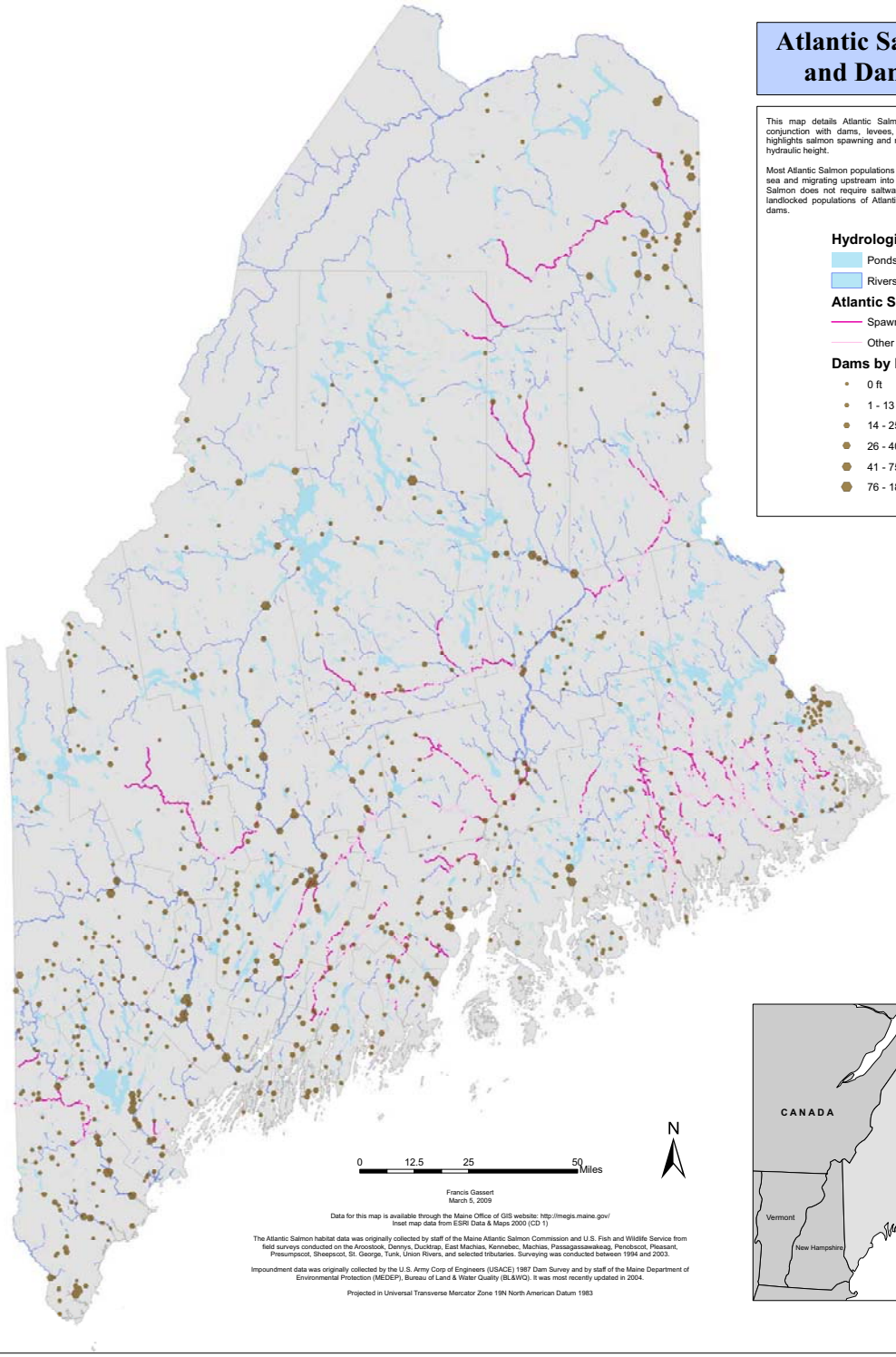
- Ponds and Resovoirs
- Rivers

Atlantic Salmon Habitat

- Spawning and rearing areas
- Other habitat

Dams by Hydraulic Height

- 0 ft
- 1 - 13 ft
- 14 - 25 ft
- 26 - 40 ft
- 41 - 75 ft
- 76 - 180 ft



Francis Gassert
March 5, 2009

Data for this map is available through the Maine Office of GIS website: http://megis.maine.gov/
Inset map data from ESRI Data & Maps 2000 (CD 1)

The Atlantic Salmon habitat data was originally collected by staff of the Maine Atlantic Salmon Commission and U.S. Fish and Wildlife Service from field surveys conducted on the Aroostook, Dennys, Ducktrap, East Machias, Kennebec, Machias, Passagassawakeag, Penobscot, Pleasant, Presumpscot, Sheepscot, St. George, Tunk, Union Rivers, and selected tributaries. Surveying was conducted between 1994 and 2003.

Impoundment data was originally collected by the U.S. Army Corp of Engineers (USACE) 1997 Dam Survey and by staff of the Maine Department of Environmental Protection (MEDEP), Bureau of Land & Water Quality (BL&WQ). It was most recently updated in 2004.

Projected in Universal Transverse Mercator Zone 19N North American Datum 1983

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The **Atlas of Maine** is created by students in *ES212: Introduction to Geographic Information Systems & Remote Sensing* through the Environmental Studies Program at Colby College. The course is taught by Philip Nyhus, Assistant Professor of Environmental Studies. Additional assistance is provided by Dr. Manuel Gimond, GIS and Quantitative Analysis Specialist.