

GIS COVERAGE DOCUMENTATION

COVERAGE NAME(S): MAFISH
THEME: Migratory pathways of anadromous fishes in Massachusetts
TYPE/FORMAT: ARC/INFO Arc and Point Coverage
PROJECTION: UTM Zone 19, NAD27
AUTOMATION DATE: February 1993
AUTOMATION AGENCY: Gulf of Maine Coastal Program, U.S. Fish & Wildlife Service, 4R Fundy Rd., Falmouth, ME 04105. Ph#: (207) 781-8364 Fax#: (207) 781-8369.
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SOURCE(S) OF DATA:

Publication (Anadromous Fish Streams of New England - upstream migratory routes, portfolio NE-1. September 1982. Alfred Eipper, William Knapp, Curtis Laffin, Eds. U.S. Fish and Wildlife Service, Boston MA). USGS hydrography DLG coverages of Massachusetts at 1:100,000 and 1:25,000 obtained as ARC/INFO coverages from MASSGIS. The coastline was entered from the MASSGIS coverage of townships, at 1:100,000.

DESCRIPTION:

The coverage shows all streams, rivers and ponds from the 1:100,000 hydrology, plus additional streams only found on the 1:25,000 hydrology and used as migratory pathways. Data on seven species of anadromous fishes were entered as arc attributes. Three fields in the arc (and point) attribute tables served for entering the species letter designations. That is, each species could be absent (no entry), present ("existing"), expected to use the area because of restoration in progress ("progress"), or might use the area if restoration were attempted ("proposed"). Label points exist for ponds (giving names and other data) and for dam/fishway sites. The latter could be either "dam" under the field "existing", or "fishway" under the "progress" or "proposed" fields.

MAFISH covers all of Massachusetts coastal watersheds.

Following are the species codes:

A	Atlantic salmon
C	Sea run brown trout
D	Rainbow smelt
H	Alewife
J	Blueback herring
L	Coho salmon
N	American shad