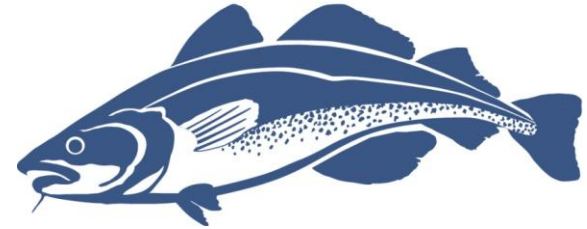


River Herring Management Update: 2016

**River Herring Network, New Bedford,
October 27, 2016**

Massachusetts Division of Marine Fisheries





Recreational and Diadromous Fisheries Program

- Diadromous Fish Passage and Habitat Restoration
- Diadromous Fish Biology and Management

River Herring Management Update

- 2016 Massachusetts run update
- 2016 Passage improvements and restoration work
- Drought conditions – what effects might we see??
- Coastwide management update



GENERAL TRENDS



North Shore:

3 ↑, 1 ↓

Boston Harbor:

2 of 2 runs ↓

South Shore/Cape

Cod Bay:

2 ↑, 2 ↓

Cape Cod:

North: 5 ↓, 1 ↑

South: 2 ↓, 1 ↑

Buzzards Bay:

3 ↑, 1 ↓

Taunton R watershed:

1 ↑

New Monitoring Stations

2016: New DMF electronic counter – Herring R., Harwich

2 new partner video stations – Ipswich R. (IRWA), Herring Creek (Martha's Vineyard – Aquinnah Tribe)



2017:

New partner electronic counter – Stony Brook, Brewster

2016 Passage improvements and restoration work



Bourne Pond, Falmouth: new concrete weir/pool fishway nearly completed.

Central Falls Dam, Aberjona River, Winchester: new steeppass fish ladder in concrete frame.



2016

Herring River, Harwich: custom aluminum outlet to be installed soon at Long Pond outlet



Armstrong Dam, Fore River, Braintree: dam removal feasibility study complete, begin design & permitting; fishway at Great Pond reservoir



2017

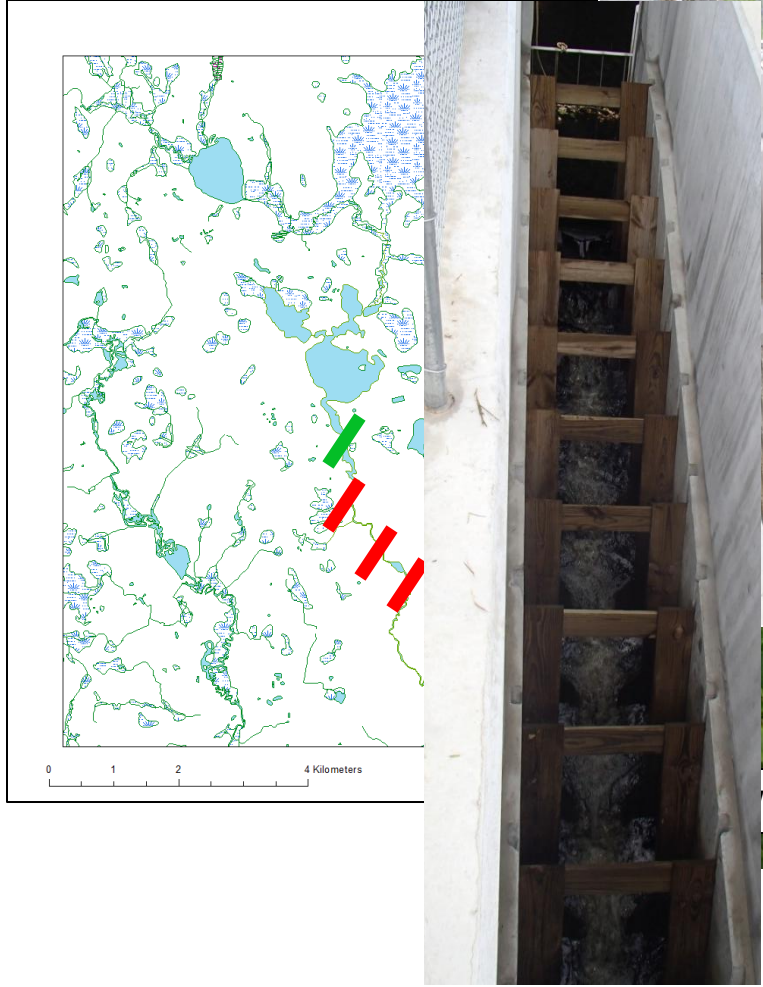


Willowdale Dam, Ipswich River: design & permitting underway, USFWS reviewing engineering plans



Mill R restoration – completed in 2017

Morey's Bridge Dam site, November 2013 (photo: M. Bednarski)



West Britannia Dam 2013 – (Photo M. Bednarski)

High Street Dam, Town River: public meeting Nov. 17th to launch dam removal feasibility study following owner signing a letter to approve this process



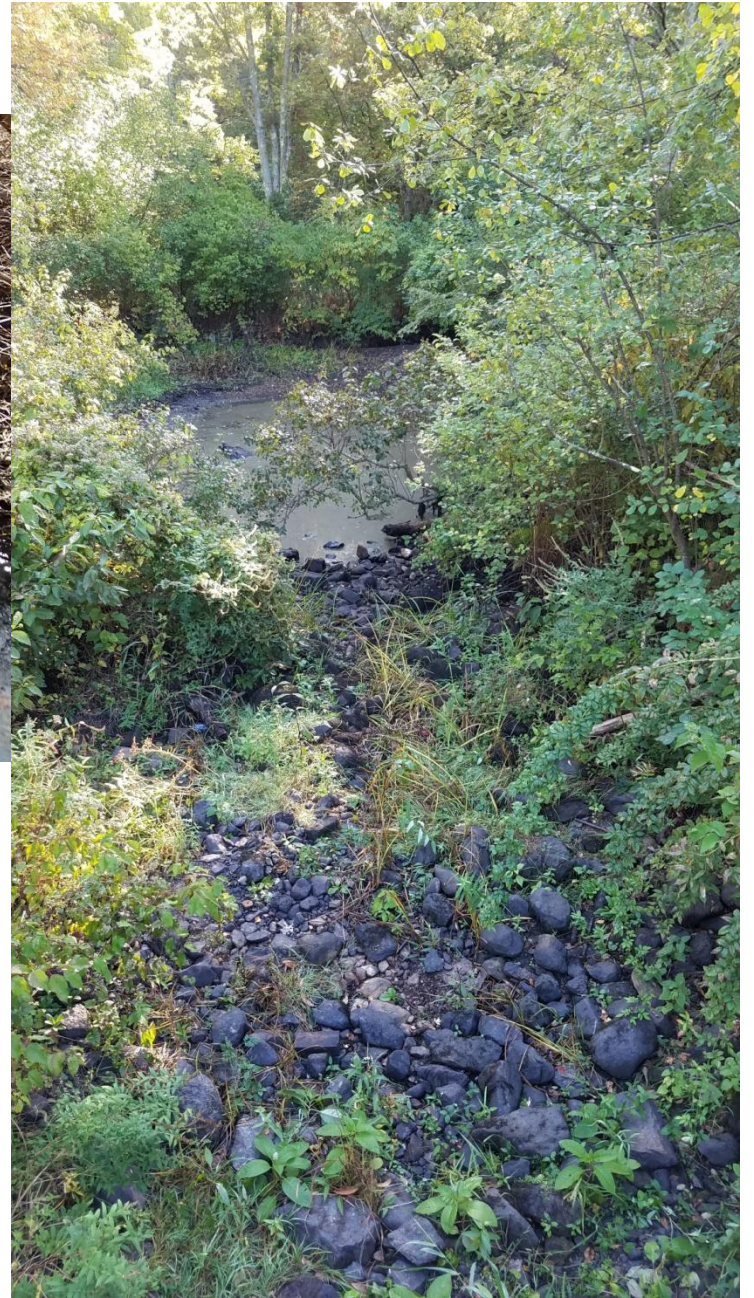
*Forge Pond Dam,
Westport River: Nov
meeting with owner to
discuss MOU on installing
a fish ladder*



Drought – what about the fish??



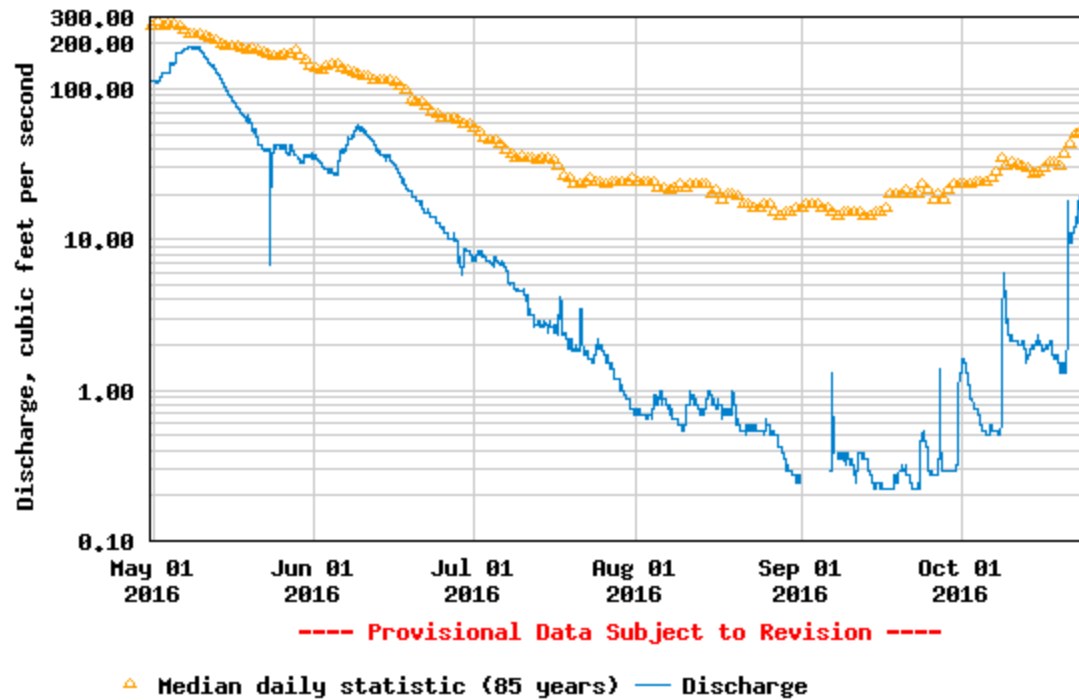
Essex River

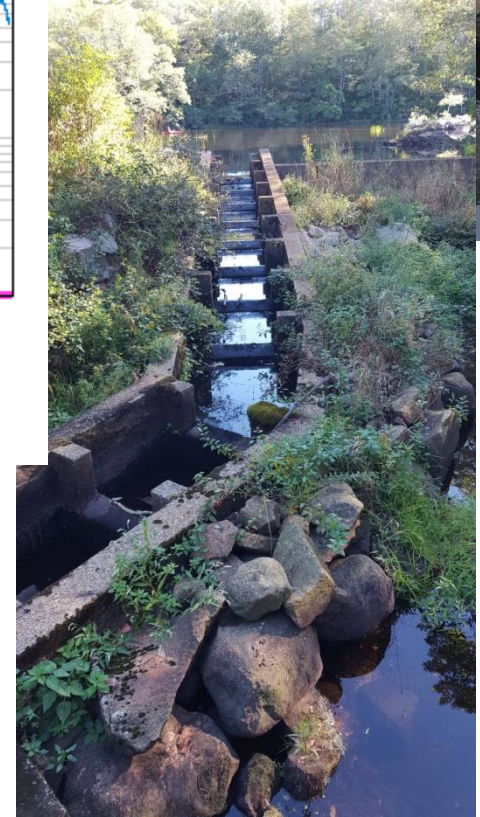
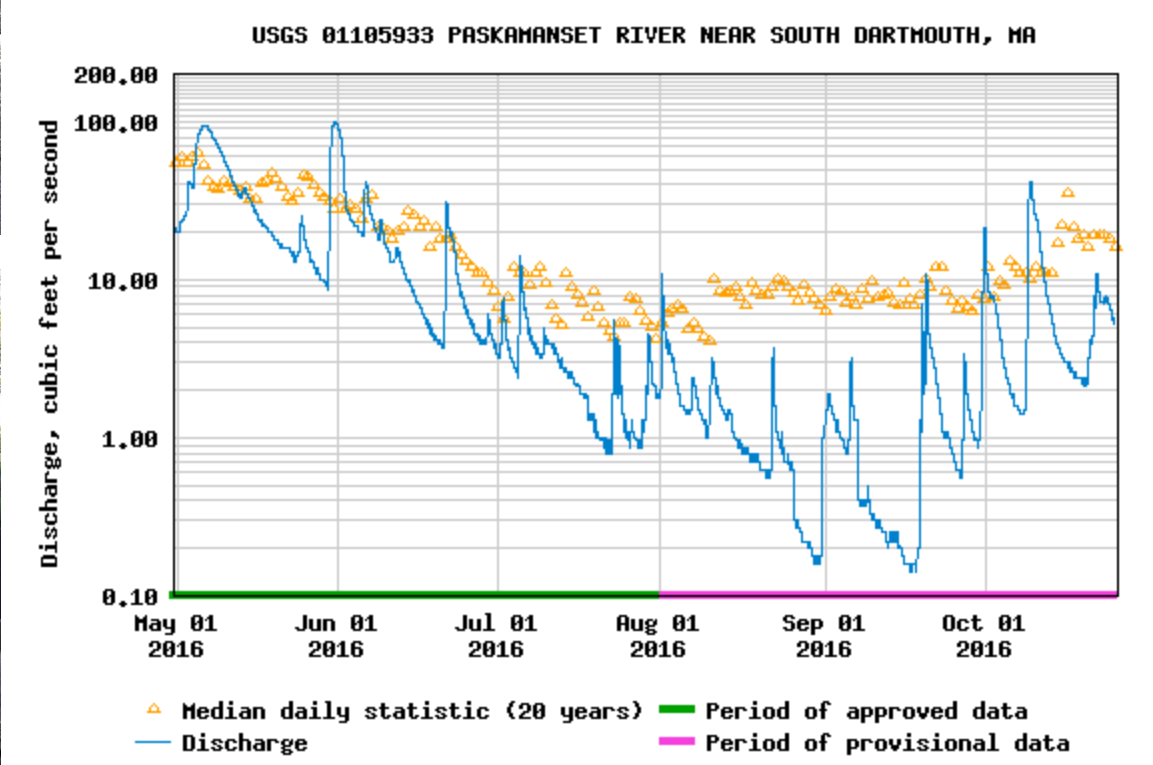


Ipswich River



USGS 01182000 IPSWICH RIVER NEAR IPSWICH, MA





Paskamansett River, Dartmouth



Coastwide management update

River Herring Technical Expert Working Group

- Created in 2014
- Federal, state, NGOs, faculty members
- Data standardization meeting – improve stock assessments
- Create list of research needs/gaps
- Biannual calls
- Subgroups



Diadromous Fish Monitoring



Diadromous Fish Project Staff

Brad Chase , AB III -- project leader

John Sheppard , AB II -- river herring monitoring

Ben Gahagan, AB II -- river herring monitoring

Sara Turner, AB II -- river herring monitoring

Ed Clark, Fishway Crew -- fish passage construction

A large school of fish, possibly bluegills, is seen in shallow, rippling water. The fish are densely packed and their scales catch the light, creating a shimmering effect. The water is dark and turbulent, with many small bubbles and ripples. In the bottom right corner, there is a small green plant with several leaves. The overall scene is dynamic and captures a moment of intense activity in a natural aquatic environment.

QUESTIONS??