



# Connecticut River Basin Fishway Passage Counts

6/2/2023



This report is compiled by the U.S. Fish and Wildlife Service, CT River Fish and Wildlife Conservation Office using fishway count data provided by several agencies as well as power companies and is dependent in most cases on the review of video counts, that have an associated time lag for updates. Please visit <http://www.fws.gov/r5csrc> for more information.

Fishway, River - State	Data as of:	American Shad	Alewife	Blueback Herring	Atlantic Salmon	American Eel	Sea Lamprey	Striped Bass	Gizzard Shad	Shortnose Sturgeon	Other/ comment
Rogers Lake-CT	open										
Mary Steube, Mill-CT	5/9		7,636								
Mill Pond, Falls -CT	open										
Moulson Pond, Eightmile-CT	5/5		150	12			15				
Leesville, Salmon-CT	open										river herring seen
StanChem, Mattabesset-CT	4/28	0	223	0			0				
Rainbow, Farmington-CT	closed*										
W. Springfield, Westfield-MA	5/14	1,674					1,306				730 white suckers
Holyoke, Connecticut-MA	6/1	258,895		2,209		2,340	18,649	21	53		
Easthampton, Manhan-MA	open										
**Turners Falls-Gatehouse, Connecticut-MA	5/25	15,924		0			790				
Vernon, Connecticut-VT	open										
Bellows Falls, Connecticut-VT											
<b>Total to basin, only <u>first</u> barrier counts</b>											
		260,569	8,009	2,221	0	2,340	19,970	21	53	0	
<b>Last year totals</b>											
		191,651	6,681	370	4	7,845	23,042	314	63	20	

\* CTDEEP will not operate the Rainbow Fish Ladder due its documented poor performance and the lack of suitable downstream fish passage protection measures at the Stanley Works owned dam/project. Fish passage at this project has been the responsibility of the CTDEEP, due to FERC legal rulings and timing of that facilities construction.

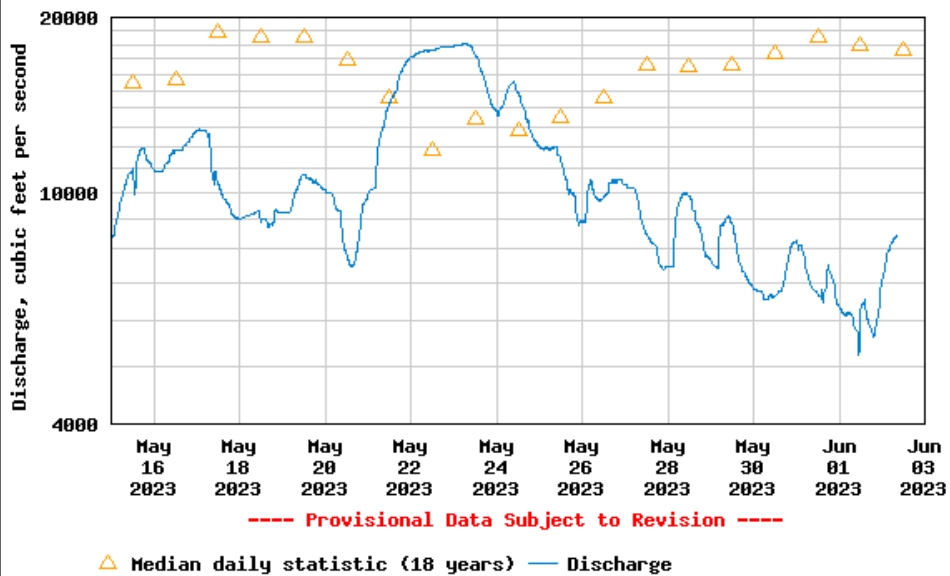
\*\* *Spillway Fish Ladder - (5/11) at the dam 98 shad, 0 sea lamprey; Cabot Station Ladder (5/10) , base of canal, 194 shad, and 0 sea lamprey. Note that at Turners Falls Project (Dam/Canal) fish must use one of these two fishways first before having the opportunity to pass the final required ladder (Gatehouse).*

A - total collected from 3 eel ramp/traps at Holyoke in 2022

At Holyoke Fish Lift, since last report, Sierra and HGE passage crew notes fairly consistent daily American Shad passage counts 5,265 (5/25); 5,603 (5/26); 6,039 (5/27); 3,680 (5/28); 4,555 (5/29); 3,083 (5/30); 3,091 (5/31); and 3,568 (6/1). Sea Lamprey passage at HFL has ramped up starting on 5/27 with 1,315 fish. In the days following since 5/27, they have daily passage counts ranging from 2,400 to 3,500 fish. Water temperatures have remained seasonal but in recent days been increasing at a rapid rate. Weather reports suggest that will come to end this weekend and then cooler weather to perhaps extend "possible" passage numbers with favorable water temperatures. River discharge in both main stem and tributaries has been very to extremely low (below 25th percentile per USGS), see next page for data. Our river herring assessment program observed low catch rates of Bluebacks in Chicopee and Westfield river (seven fish total), low flows as noted. Farmington River had very low flow and zero herring although we observed several small schools of shad over the day (small males). Wethersfield Cove, as expected, continues to hold Bluebacks with 135 fish sampled over that event day. Catch rates are declining there and females are mostly spent with low percentage of expections (gravid or partial).



### USGS 01172010 CONNECTICUT R AT I-391 BRIDGE AT HOLYOKE, MA



### USGS 01184000 CONNECTICUT RIVER AT THOMPSONVILLE, CT

