



Connecticut River Basin Fishway Passage Counts

Report Date: 6/2/2021

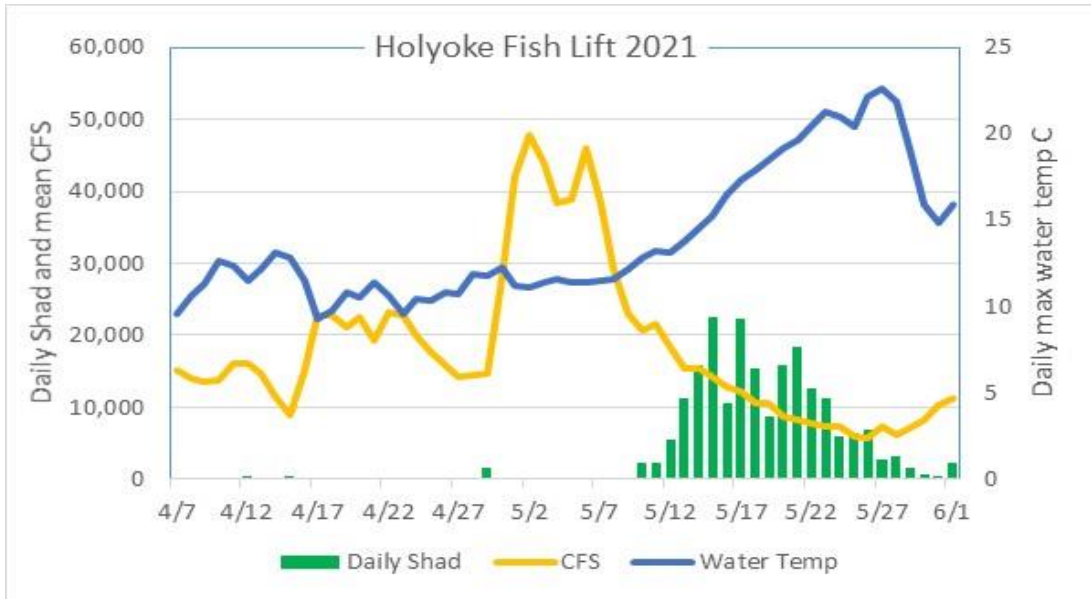


This report is compiled by the U.S. Fish and Wildlife Service, CT River Fish and Wildlife Conservation Office using fishway count data provided by several agencies as well as power companies and is dependent in most cases on the review of video counts, that have an associated time lag for updates. Please visit <http://www.fws.gov/r5crc> for more information.

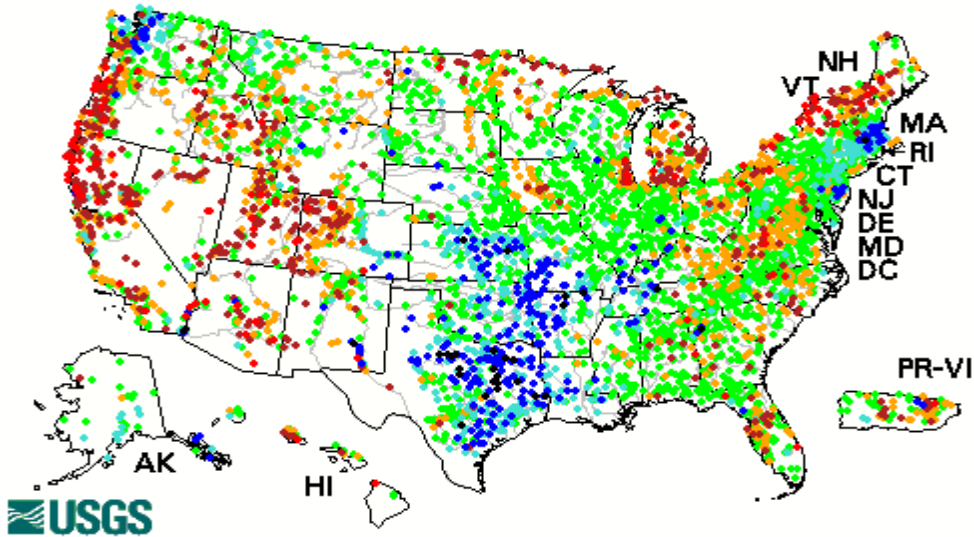
Fishway, River - State	Data as of:	American Shad	Alewife	Blueback Herring	Atlantic Salmon	American Eel	Sea Lamprey	Striped Bass	Gizzard Shad	Shortnose Sturgeon	Other/ comment
Rogers Lake-CT	5/18		2,507								
Mary Steube, Mill-CT	5/18		20,731								
Moulson Pond, Eightmile-CT	5/2		772	502							record # of ALE, been trucking
Leesville, Salmon-CT	open										
StanChem, Mattabeset-CT	4/26		2,526								record #, old was 460
Rainbow, Farmington-CT	open										
W. Springfield, Westfield-MA	open										
Holyoke, Connecticut-MA	6/1	208,858		1,240		9,701	17,737	196	30	2	eel are elvers from traps
Easthampton, Manhan-MA	open										
**Turners Falls-Gatehouse, Connecticut-MA	5/19	2,839		0			24				
Vernon, Connecticut-VT	open										
Bellows Falls, Connecticut-VT	closed										
Wilder, Connecticut-VT											
Total to basin, only <u>first barrier</u> counts											
		208,858	24,029	1,742	0	9,701	17,737	196	30	2	
Last year totals											
		368,482	38,056	931	0	17,695	37,399	452	96	18	

** Spillway Fish Ladder - at the dam ### shad, ### sea lamprey; Cabot Station Ladder, base of canal, ### shad, ### sea lamprey, and ## blueback herring. 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 A - total collected from 3 eel ramp/traps at Holyoke in 2020

Over the past week there have been dramatic changes in tributary flows and water temperatures (10F drops) overall due to the cold and rain. Main stem river discharge had modest but needed increases mostly in CT and to lessening degrees moving northward (see next page). The weekend's cold, dark days rapidly shut down shad passage rates at Holyoke that have since rebounded with the mild weather (as of 2PM today Sierra reported 1100 shad passed). Holyoke (on long-term average) passes 78% of the annual run by this date. The juvenile American eel passage numbers are quite good for this time of year, we observe some wide ranging variability when they use the ramp traps over the years. The second Shortnose Sturgeon of the season was lifted and passed on 5/27. Rich Murray of HGE noted that it had been passed at HFL in 2017. Sierra also commented that the Sea Lamprey run has essentially ended following a string of days in late May of low thousands per-day. Unless something odd happens on that, we are at a very low annual value for that species at HFL. Darren led our river herring population assessment work this week that yielded a total of catch of 3 bluebacks in the lower Farmington River (55F, 13C - cold!) with fairly high flows and today at Wethersfield Cove the total catch was 21. These translate to obviously very low catch rates that I was just comparing to past seasons, and we have observed this in 2016 as one example that also had very low river discharge/warmer temps. We will sample our MA tribs tomorrow that also have "high" flows at moment and see if the trend continues for abundance. Typically we do not see great variation in the synchronized decline of blueback catch rates among these areas.



Wednesday, June 02, 2021 14:30ET



Explanation

- High
- > 90th percentile
- 76th - 90th percentile
- 25th - 75th percentile
- 10th - 24th percentile
- < 10th percentile
- Low