

2016 Connecticut River Basin Fishway Passage Counts

Report Date: 5/13/2016

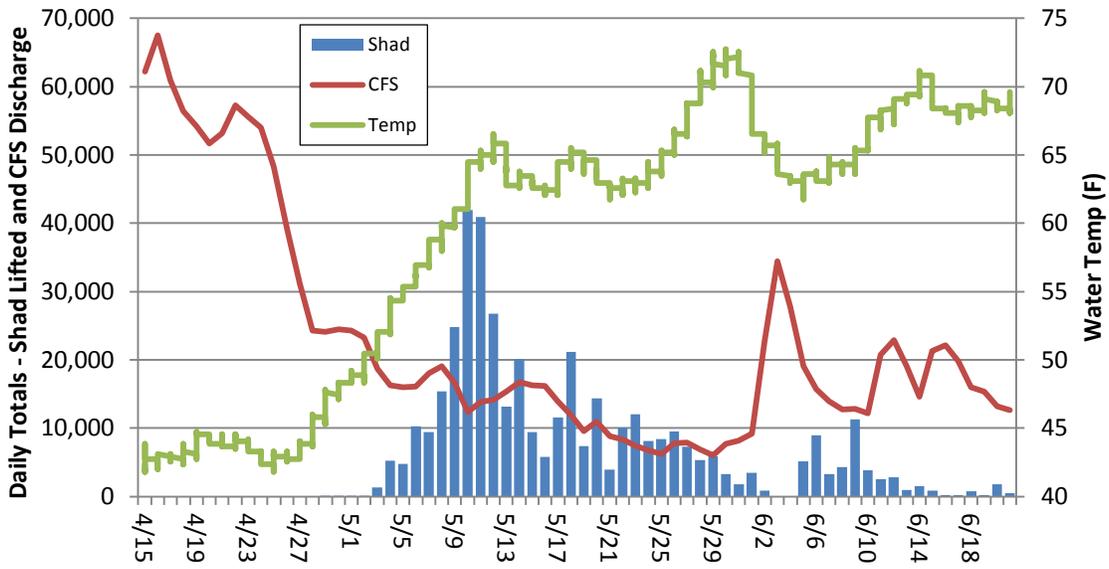
This report is compiled by the U.S. Fish and Wildlife Service, using fishway count data provided by several agencies as well as power companies and is dependent in many cases on the review of video counts, that have an associated time lag for updates. Please visit <http://www.fws.gov/r5crc> for other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

Fishway, River	Data as of:	American shad	Alewife	Blueback Herring	Atlantic Salmon	American Eel	Sea Lamprey	Striped bass	Gizzard Shad	Shortnose Sturgeon	Other
Moulson Pond, Eightmile	n.a.		60	25			18				
Leesville, Salmon	n.a.		moderate	few							
StanChem, Mattabesset	5/10	31	298				10		59		
Rainbow, Farmington	5/10	17					7				
W. Springfield, Westfield	5/12	726				1	44				
Holyoke, Connecticut-MA	5/12	138,521		1	0		1,696		330	15*	
Easthampton, Manhan	4/25										w. sucker (125)
Turners Falls, Connecticut-MA	n.a.										
Vernon, Connecticut-VT	n.a.										
Bellows Falls, Connecticut-VT	n.a.										
Wilder, Connecticut-VT	n.a.										
Other											
<i>Column Total</i>		139,295	358	26	0	1	1,775	0	389	15	
<i>Total to basin, only first barrier counts</i>		139,295	358	26	0	1	1775	0	389	15	

All returning adult sea-run salmon will be streamer tagged below its dorsal fin and released, to continue its migration in 2016. A portion of Holyoke's catch will be used briefly for studies and then released. Any angled salmon should be released without harm, preferable without removing from the water. Please contact USFWS at 413-548-9138 x8121 to report any capture/releases - thanks! *** ALL sturgeon at Holyoke are captured, processed for data/tagged, and released back downstream**

News - Real-time data on both river flow and water temperature, are at USGS web site, Thompsonville, CT (site of old Enfield Dam) - http://waterdata.usgs.gov/ct/nwis/uv?site_no=01184000. At Holyoke Dam, the Fish Lift Crew reported daily shad counts of: 5/11 (36,837) and 5/12 (54,006!). Water temps remain cool with Holyoke reporting 55F (13C). I have included a figure of the 2015 shad run daily count totals at HFL. There are a number of variables that change and interact between years that have an influence on shad passage/counts, most notably river discharge, water temp, project operations, and fishway operational shifts/changes (specifically this year) and of course shifts in population abundance. Looking at the daily count statistics (1976-2015), an **average** of 26% of the annual shad run has passed by May 15. The period of highest proportional daily counts, relative to this long-term data, using 2 week time blocks, are the last two weeks of May, when 49% of the run - on average - passes. The data shown in the attached figure helps illustrate how year-to-year variability can change on that, for even a strong passage year like 2015.

Holyoke Fish Lift American Shad Lifted as of 6/21/15



The Holyoke Fish Lift was closed early in 2015 (June 21) in order to start downstream passage construction