

2016 Connecticut River Basin Fishway Passage Counts

Report Date: 5/18/2016

This report is compiled by the U.S. Fish and Wildlife Service, using fishway count data provided by several agencies as well 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	5/17	5	80	1,700			22				
Leesville, Salmon	5/17			many below							
StanChem, Mattabesset	5/10	36	303				10		81		
Rainbow, Farmington	5/17	17					11				
W. Springfield, Westfield	5/17	1,761				1	86				w. sucker (735)
Holyoke, Connecticut-MA	5/17	230,626		15	0		3,966		372	17*	
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>		232,445	383	1,715	0	1	4,095	0	453	17	
<i>Total to basin, only first barrier counts</i>		232,445	383	1,715	0	1	4,095	0	453	17	

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: 5/16 (14,242) and 5/17 (7,531). The capture of shortnose sturgeon #17, on 5/16 sets a new record at the Holyoke. A fish count report for Turners Falls and Vernon are expected soon and are delayed based on the use of a local community college that uses students. I was informed that today Bellows Falls Fish Ladder will become operational. TransCanada agreed with an agency request to operate that ladder earlier to help pass sea lamprey in the case of no adult salmon passing at Vernon (that is the official trigger for operation at BF). Studies to 1) evaluate American shad movement/passage/survival at Holyoke Dam; 2) determine shad response to ultrasound array at Cabot Station (TF); and shad experiments on swimming performance/fishway entrance treatments, and spawning under different temps (Conte) are all well underway (see attached pic). Recall this Saturday is (continue...)

World Fish Migration Day and that I will be at Holyoke Fish Lift with HGE staff and the CT River Watershed Council. Other events are planned in the basin, with a number in the State of Connecticut with CTDEEP and numerous partner groups. Go to: <http://www.worldfishmigrationday.com/events>, you'll see this is truly a world-wide event. Zoom in on the Northeastern US and you can see what events may be closest, or of interest to you.



USGS Conte Lab, full scale test flume facility, for shad experiments on varied/test entry conditions
Photo from Brett Towler Fish Passage Engineer