



Connecticut River Basin Fishway Passage Counts

Report Date: 6/30/2021



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/r5src> 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, Mattabesset-CT	4/26		2,526								prv record #, was 460
Rainbow, Farmington-CT	open				3						
W. Springfield, Westfield-MA	open										
Holyoke, Connecticut-MA	6/29	237,072		1,242		10,734	20,479	352	35	11	eel are elvers from traps
Easthampton, Manhan-MA	open										
**Turners Falls-Gatehouse, Connecticut-MA	6/11	20,745		2			11,166				
Vernon, Connecticut-VT	5/27	6,257				386	2,983				
Bellows Falls, Connecticut-VT	open										opened 5/26
Wilder, Connecticut-VT											
Total to basin, only <u>first barrier</u> counts											
		237,072	24,029	1,744	3	10,734	20,479	352	35	11	
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**

Sierra at HFL reports that today (6/30) very few fish were moving (<10 shad) with water temps the past two days reaching 28C (82F). Today is the final day of upstream passage operations as Holyoke Gas and Electric had requested and was approved (fish agencies) to a lift shutdown for an extensive maintenance overhaul of the lift system, that may take up to 3 months. The facility will continue to operate all downstream fishways, habitat flows, and eel traps/passes. Some important fisheries news was shared at the CRASC Tech when CTDEEP confirmed they had sampled Shortnose Sturgeon eggs in habitat immediately downstream of the Holyoke Dam. Eighty eggs were collected in a sampling bout using egg mats with genetic confirmation, the first documentation of spawning outside of the Rock Dam and Cabot Station shoal, Turners Falls. Young-of-the-year SNS were also observed in areas ~ 15km downstream of Holyoke in June by divers protecting mussels at s Springfield Wastewater Facility project. Images of these YOY are on next page thanks to SWCA Environmental Consultant divers. Turners Falls Dam fishways (ladders) will also be shut down in the coming days with agency approval based on consistent, extremely low anadromous fish counts and the persistently high water temperatures. Sea lamprey nest surveys are beginning in many areas by state, federal and NGOs (CT River Conservancy covering many areas in several states). This report will now be updated every two weeks as fishway counts are still being reviewed in many cases.



A very rare sight! Image of YOY Shortnose Sturgeon taken by SWCA Env. Consultant divers in Springfield area of CT River. The fish is ~ 30-35mm in length. SWCA observed dozens of YOY in their study area. Thank you SWCA!



USFWS - SCA interns Doug and Carolyn surveying Sea Lamprey nests in the lower Green River this morning. Five nests with depressions and tailspill of gravel/cobbles shown here.

