

Monthly Report

AUGUST 2020

GAVINS POINT NFH



Kendall Warm Springs Dace *Rhinichthys osculus thermalis*

Paddlefish Tagging

The hatchery staff harvested and tagged over 70,000 paddlefish in cooperation with the SDGFP crew from Chamberlain SD. The tagged fish will be reared through August for another month prior to stocking in September

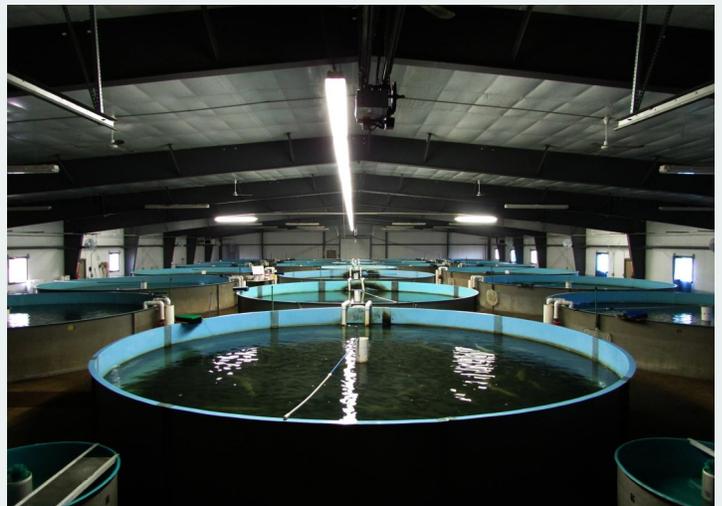


Dace Room Maintenance

The wild Kendall Warm Springs dace tank RAS system was dismantled and cleaned to remove calcium deposition that builds up when the water is heated to 80 F.

Pallid Sturgeon Broodstock

Chris Hooley has been working with Upper Missouri River Basin colleagues to identify which captive pallids are worth holding on station. Over the last 23 years the captive broodstock building has reached its carrying capacity. The Gavins Point staff utilizes a decision matrix to prioritize needed genetics to retain in the limited space.



Drum Filter/ UV Maintenance

Tim Schroeder keeps a close eye on the 4 lake water drum filters that are running year round at Gavins Point. The filter panels of each unit are typically exchanged with clean ones twice a year. Dirty panels are acid washed and stored for the next cycle. UV bulbs are replaced annually.



Paddlefish Production

Paddlefish continue grow through August with the help of “Ron’s Feeder Service Inc.” Ron Grandi updates feed settings weekly in order to keep up with the hungry fish’s appetite. Approximately 7500 lbs of fish food was dispensed through the feeders in August.



Behind the Lens

Sam Stukel has been busy this summer despite Covid closure of the Aquarium. In preparation for next year, Sam has updated displays, highlighted hatchery activities on social media, and has assisted with a DFP project. He is one of our unseen heroes as he is the one taking the pictures that tell our story!



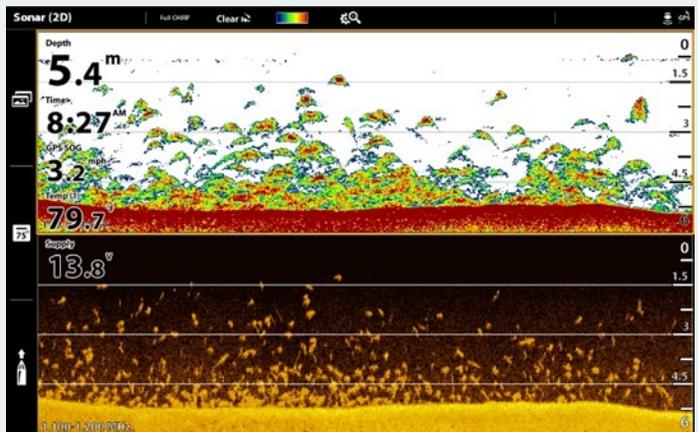
Asian Carp

We spent several days in the field attempting to capture young-of-the-year silver, bighead, and grass carp. This project will provide professional-quality images of Asian Carp for outreach and education purposes. We encountered a large population of Asian Carp in the Big Sioux River.

Jennifer participated in the FY21 National Asian Carp Planning Kick Off informational conference call.



Silver carp jumping in the Big Sioux River.



Sonar images of likely silver

Pallid Sturgeon

We made contact with six acoustically tagged pallid sturgeon and one lake sturgeon in the un-channelized portion of the Missouri River during a sweep of the segment. The monthly segment sweeps provide movement data to evaluate immigration and emigration between segments.

Looking Ahead

- *Paddlefish stocking*
- *EOY Budget Finalizations*
- *FIS entry*
- *Tracking of acoustically tagged pallid sturgeon*
- *Cooler Weather*

Hatchery Staff

Nick Starzl—Acting Project Leader

Diane Von Eschen—Admin. Officer

Tim Schroeder—Maint. Mechanic

Chris Hooley—Fish Biologist

Sam Stukel—Fish Biologist

Terry Hall—Bio Tech (Term)

Cole Moderegger— Bio Tech (Seasonal)

Ron Grande—Bio Tech (Seasonal)

Jennifer Johnson—Fish Biologist (River)

Jason Kral—Fish Biologist (River)

In Brief

- 70,000 paddlefish were tagged in cooperation with the SDGFP crew
- Dace room RAS system was disassembled and cleaned for routine maintenance.
- Pallid Captive Broodstock prioritization.
- Drum Filter and UV Maintenance
- The river crew continued to do Asian carp funded work as well as pallid sturgeon telemetry work.
- Well lines were sewer jetted to remove manganese .