

# Jackson National Fish Hatchery



*March 2020*

**1500 Fish Hatchery Rd  
Jackson, WY 83001  
Office Phone: 307-733-2510**

# Snake River Cutthroat 2020

| <u>UNIT</u>             | <u>LOT</u>     | <u>FISH #</u>  | <u>WT</u>    | <u>NO/LB</u> | <u>LNGTH</u> | <u>D.I.</u> |
|-------------------------|----------------|----------------|--------------|--------------|--------------|-------------|
| T1                      | cut-srw-19-aub | 3872           | 237.3        | 16.32        | 5.48         | 0.160       |
| T2                      | cut-srw-19-aub | 0              |              |              |              |             |
| T3                      | cut-srw-19-aub | 0              |              |              |              |             |
| T4                      | cut-srw-19-aub | 3982           | 240.6        | 16.55        | 5.46         | 0.163       |
| T5                      | cut-srw-19-aub | 0              |              |              |              |             |
| T6                      | cut-srw-19-aub | 4779           | 301.5        | 15.85        | 5.54         | 0.202       |
| T7                      | cut-srw-19-aub | 0              |              |              |              |             |
| T8                      | cut-srw-19-aub | 4671           | 298.1        | 15.67        | 5.56         | 0.199       |
| T9                      | cut-srw-19-aub | 4545           | 279.0        | 16.29        | 5.49         | 0.188       |
| T10                     | cut-srw-19-aub | 4575           | 280.3        | 16.32        | 5.48         | 0.189       |
| T11                     | cut-srw-19-aub | 4720           | 295.9        | 15.95        | 5.52         | 0.198       |
| T12                     | cut-srw-19-aub | 4671           | 280.4        | 16.66        | 5.44         | 0.191       |
|                         |                |                |              |              |              |             |
| R2                      | cut-srw-19-aub | 0              |              |              |              |             |
| R3                      | cut-srw-19-aub | 27503          | 1097.9       | 25.05        | 4.75         | 0.173       |
|                         |                |                |              |              |              |             |
| R6                      | cut-srw-19-aub | 26542          | 1824.2       | 14.55        | 5.70         | 0.240       |
| R7                      | cut-srw-19-aub | 0              |              |              |              |             |
|                         |                |                |              |              |              |             |
| R10                     | cut-srw-19-aub | 0              |              |              |              |             |
| R11                     | cut-srw-19-aub | 0              |              |              |              |             |
|                         |                |                |              |              |              |             |
| R14                     | cut-srw-19-aub | 0              |              |              |              |             |
| R15                     | cut-srw-19-aub | 28604          | 1168.5       | 24.48        | 4.79         | 0.182       |
|                         |                |                |              |              |              |             |
| R18                     | cut-srw-19-aub | 29287          | 1250.5       | 23.42        | 4.86         | 0.192       |
| R19                     | cut-srw-19-aub | 0              |              |              |              |             |
|                         |                |                |              |              |              |             |
| <b>TOTAL PRODUCTION</b> | <u>END#</u>    | <u>WT(LBS)</u> | <u>NO/LB</u> | <u>LNGTH</u> | <u>D.I.</u>  |             |
|                         | cut-srw-19-aub | 147751         | 7554.2       | 18           | 5.34         | 0.190       |

# Kendall Warm Springs Dace

In collaboration with the co-located USGS research station, we continue to raise a small population of endangered Kendall Warm Springs Dace. We currently have 16 wild adults and 50+ offspring from natural spawning. We have not had as much success as Gavins Point NFH with reproduction, but things seem to be picking up lately with four new hatches since February.



# Maintenance Projects

Extreme high winds have shredded our aging raceway huts this winter. Large tarps are a temporary fix for now, but at least four sections will need to be replaced.

Extreme winter and heavy ice also destroyed gutters around the main building and require replacement.



# Partnerships and Employees

Feeding began on the National Elk Refuge on February 1<sup>st</sup>. For the second year, Jake drove feed equipment twice per week to assist our neighbors. Feeding ended April 3<sup>rd</sup>.

Photo: The bison on top center is baby Norman, a very young abandoned calf that spent several days at the Hatchery last fall and miraculously survived.

Jake has also been working on station safety plans and inspections as CDSO for the Hatchery and the Elk Refuge.

Liz gave a private tour to winter naturalists and volunteers who work at the Greater Yellowstone Visitor Center run by the Elk Refuge.

Liz also attended a meeting at Teton County Weed & Pest to discuss the Wildlife Expo for all 4<sup>th</sup> grade students. Ten different agencies and non-profits will prepare education stations for the two day event in May (if schools re-open).



# Partnerships and Employees

At the request of a USGS ecologist who is co-located at the Elk Refuge, Jake and a Refuge employee installed a PhenoCam on the side of the main hatchery building. The camera looks out over the hatchery pond onto the Refuge and will upload a picture every 30 minutes to the PhenoCam Network. The purpose is to calculate a plant greenness index and provide consistent long-term data on vegetation quality and coverage, especially during fall and spring transitions when decisions are being made regarding the elk feeding program. The information will be included with three other cameras on the Refuge and in Grand Teton National Park.

<https://phenocam.sr.unh.edu/webcam/network/map/>



# Upcoming

- Seasonal Bio Tech, Chaz Noles, will return April 13<sup>th</sup>
- Other than two viewing tanks, all remaining fish will be moved outside so 10 troughs can be re-installed for incoming eyed eggs in May

# Current Staff

- Liz Sunshine – Project Leader
- Mike Conlin – Fish Biologist / Assistant Project Leader
- Jake Kujawa – Maintenance Mechanic
- Vacant – Seasonal Bio Tech