



# DEPARTMENT OF THE INTERIOR

## INFORMATION SERVICE

FISH AND WILDLIFE SERVICE

For Release TUESDAY, FEBRUARY 18, 1941.

### REPORT OF FEDERAL FISH HATCHERIES--JANUARY 1941

Twenty-three Federal hatcheries in 18 states distributed in suitable waters more than 132,144,000 fry and fingerlings of 15 varieties during the month of January. In addition, almost 75,000,000 eggs, fry, and fingerlings of 35 varieties were handled or ready for stocking.

Following is a breakdown summary of activities:

#### MAINE

Boothbay Harbor. - Since last month, 87,200,000 pollock eggs have been taken.

Craig Brook. - Brook trout egg shipments made during the month to other Fisheries stations included 200,000 to Nashua, New Hampshire; 100,000, White Sulphur Springs, West Virginia; 100,000, Hartsville, Massachusetts; 400,000, Northville, Michigan; 250,000, Lamar, Pennsylvania; and 150,000, Erwin, Tennessee.

A shipment of 57,098 rainbow trout eggs was received from the Kearneysville, West Virginia, station.

---

#### VERMONT

St. Johnsbury. - The State of Vermont has purchased 300,000 brown trout eggs

and 500,000 brook trout eggs in addition to the 300,000 brook trout eggs shipped here from Leadville, Colorado.

The State's take of salmon eggs was small, totaling only about 56,000.

---

#### NEW HAMPSHIRE

Nashua. - Approximately 55,000 brown trout fry were shipped to the New Hampshire Fish and Game Department.

National Forest. - Three million brook trout eggs were on hand during the month, about 900,000 of which were shipped to other Federal hatcheries.

The State of New Hampshire received and planted 1,800 brook trout yearlings in State waters under terms of the existing cooperative agreement.

---

#### MASSACHUSETTS

Gloucester. - During the month, 106,012,538 pollock eggs were taken into the hatchery for incubation, while 150,260,707 pollock fry were liberated from the hatchery in suitable spots in Massachusetts Bay. In addition, 73,790,560 pollock eggs were liberated immediately after fertilization in the Off Shore work.

Scattered cod egg collections were made during the month, totaling 3,322,618. From cod eggs previously taken, 3,203,377 fry have been liberated.

Hartsville. - Brook trout eggs taken during the month bring the total to date to 309,750. The first lots of eggs taken are completely hatched and look to be very good fry.

Two shipments of brook trout eggs have been received: 102,000 each from the Craig Brook, Maine, and York Pond, New Hampshire, stations.

This station collected 15,960 rainbow trout eggs, a total to date of 70,140.

Woods Hole. - Flounder eggs, collected in Waquoit Bay and placed in the hatchery, now total 7,892,000.

---

#### NEW YORK

Cape Vincent. - Brook trout eggs were received from Craig Brook, Maine, and Berlin, New Hampshire.

Carpenters Brook. - During the month, 3,828 rainbow and 2,508 brook trout eggs were collected; while 11,645 brook and 5,027 rainbow trout eggs were received from the Rochester, New York, station.

Powder Mill Park. - Egg collections during the month included 14,700 brown, 2,149 brook, and 2,736 rainbow trout. This brings the season's total egg take to 237,384 brown, 54,021 brook, and 62,544 rainbow trout.

Shipments from this station consisted of 11,645 brook and 5,072 rainbow trout eggs transferred to the Elbridge, New York, station, and 40,000 brown trout eggs shipped to Washington for forwarding to Puerto Rico.

---

#### PENNSYLVANIA

Lamar. - Three hundred fifty thousand brook trout eggs were received from Berlin, New Hampshire; and 250,000 from East Orland, Maine.

One hundred thousand brown trout eggs were shipped to Manchester, Iowa.

---

## VIRGINIA

Wytheville. - Collection of rainbow trout eggs was brought to a close, the total for the season being 2,567,000.

All brook trout have been distributed in suitable waters in Virginia, and practically all of the 1940 production of rainbow trout has been distributed in Virginia waters.

About 8,000 rainbow trout were delivered to the State of North Carolina.

---

## WEST VIRGINIA

Leetown. - Shipments of 50,376 and 42,747 rainbow trout eggs were made to Summerville, Georgia, and Stevenson, Washington.

---

## NORTH CAROLINA

Smokemont. - During the month, 185,000 brook trout eggs were received from the Bucksport, Maine, station.

---

## SOUTH CAROLINA

Orangeburg. - Distribution of fish during the month was as follows: 21,200 bream and 1,400 fingerling and 100 yearling warmouth bass. Total output of all species combined is now 144,540.

---

## GEORGIA

Cohutta. - Forty-six thousand fingerling bream and 1,050 fingerling Kentucky bass were planted in suitable waters during the past month.

Lake Park. Distributed during the month, for planting in Georgia waters, were 14,750 bass, 45,700 bream, 10,600 crappie, and 5,500 catfish, all fingerling, and 1,275 yearling bass.

---

#### FLORIDA

Welaka. - Fish distribution during the month included 75,000 fingerling and 3,000 yearling bream and 4,300 fingerling largemouth black bass.

---

#### ALABAMA

Marion. - Total fingerling distributed during the month include 402,710 bream, 13,787 bass, 5,450 crappie, 17,500 rock bass, and 1,240 catfish.

---

#### MICHIGAN

Northville. - During this period, 60,030 rainbow trout eggs were taken from station stock, making a total of 168,890 eggs for the season.

Two shipments of rainbow trout eggs were received from the Manchester, Iowa, station; 90,720 rainbow trout eggs from Bourbon, Missouri; and 389,850 brook trout eggs from the Craig Brook, Maine, station.

---

#### WISCONSIN

La Crosse. - This station received 200,000 rainbow trout eggs from the Manchester, Iowa, station.

Lake Mills. - Seventy-five thousand rainbow trout eggs were received during the month from the Manchester, Iowa, station.

---

## KENTUCKY

Louisville. - Approximately 150,000 fingerling warm water fishes were distributed this fall.

---

## MISSISSIPPI

Lyman. - Totals of 596,800 fingerling bream and 1,150 fingerling black bass were distributed to applicants.

Tupelo. - Fall distribution of fingerling fish was completed at this station, with the total output amounting to 166,125 fingerling bream, and 35,025 fingerling bass. These figures indicate a decrease of approximately 100,000 bream as compared with the previous fall distribution, but show an increase of about 10,000 bass over the previous season.

---

## MINNESOTA

Duluth. - Shipments of 93,554 loch leven trout eggs from the Spearfish, South Dakota, station, and 85,412 brown trout eggs from the Minnesota State hatchery at Lanesboro, Minnesota, were received during the month.

---

## IOWA

Manchester. - Rainbow trout eggs taken to date total 1,703,100. Of this number, 1,426,400 eggs have been shipped and 166,000 remain in the hatchery for hatching and subsequent distribution as fingerling fish.

One hundred thousand brown trout eggs were received in good condition from the Lamar, Pennsylvania, hatchery.

## SOUTH DAKOTA

Spearfish. - During the month, 96,000 eggs were collected from the loch leven trout brood stock, making the total number of eggs collected to date 896,000. All eggs appear to be in good condition and of good quality.

Loch leven trout eggs were shipped to the following Fisheries stations: Saratoga, Wyoming, 100,000; Duluth, Minnesota, 100,000; and Crawford, Nebraska, 150,000.

---

## NEBRASKA

Crawford. - Approximately 200,000 rainbow trout eggs have been taken from station brood stock during the month.

Shipments of 144,000 rainbow trout eggs from the Neosho, Missouri, station and 148,000 excellent-quality loch leven trout eggs from the Spearfish, South Dakota, station were received. All of the trout eggs, except some of those collected from the station brood stock, have hatched during the month, and the fry are all very healthy.

---

## MISSOURI

Bourbon. - Total rainbow trout egg production for the season (5,635,000) was about  $1\frac{1}{2}$  million less than last year (7,031,000).

Egg shipments from this station for the season total about 5,000,000.

Neosho. - It is anticipated that collection of rainbow trout eggs at this station will be about  $2\frac{1}{4}$  million.

---

## MONTANA

Bozeman. - During the month, 332,000 rainbow, 450,000 brook, and 50,000 mackinaw trout eggs were received at this station from other Federal and State hatcheries, and, in addition, approximately 95,000 rainbow trout eggs were taken from station brood stock.

The fry resulting from these eggs, together with approximately 70,000 loch leven trout fry on hand at the beginning of the month and the 140,000 Montana grayling and rainbow and blackspotted trout fingerlings being held over the winter for late spring distribution, finds the station operating at just about its full capacity of water available at this season.

Creston. - A consignment of 350,000 brook trout eggs was received from the State trout hatchery at Libbey, Montana.

Ennis. - Planting of fish was confined to 98,000 loch leven trout fingerlings in local parental waters.

Collecting of rainbow trout eggs was started January 13, and 22,120 eggs have been taken to date. Indications are that the brood stock egg take will amount to 3 or 4 times that of last season.

Stock on hand other than station brood stock includes 899,000 loch leven trout fry and fingerlings, 21,400 rainbow trout eggs, and 19,650 2-year-old, 7,700 yearling, and 9,700 fingerling rainbow trout.

---

## IDAHO

Clark Fork. - During the month, a trip was made to the State hatchery at Sandpoint, Idaho, and 103,680 landlocked blueback salmon eggs were received

and packed for shipment. These eggs were shipped the following day to the California Division of Fish and Game at Tuolumne, California.

The 299,859 eastern brook trout eggs received from the Leadville, Colorado, station were in excellent condition and have started to hatch. Hagerman. - Rainbow trout egg collections to date from station brood stock amount to 802,000. It is estimated that the remainder of yield from station brood stock will be 250,000 eggs.

While the percentage of eyed eggs and fry resulting has not been calculated as yet, results are expected to be better than any previous year. Due to weather conditions it has been possible to regulate the water temperature through the outside cooling system and retain a constant temperature below 50 degrees during the incubation hatch. It is believed that this has a bearing on the percentage of hatch.

Eggs received from outside stations amounted to 380,000 rainbow from Wytheville, Virginia, and Neosho, Missouri, stations; and 210,000 eastern brook trout from the Ashton State hatchery and the Leadville, Colorado, station.

Mullan. - Two shipments of brook trout eggs, totaling 222,000, were received from American Falls, Idaho.

Salmon. - Fifty thousand seven hundred rainbow trout eggs and 51,200 eastern brook trout eggs were received from Mackay, Idaho. Forty-three thousand rainbow and 49,000 brook trout fry have hatched.

## WYOMING

Jackson. - One hundred thousand lake trout eggs were received from the Fish and Game Commission of Wyoming.

Saratoga. - This station received 167,400 rainbow trout eggs from Bourbon, Missouri, and 91,500 loch leven trout eggs from the Spearfish, South Dakota, station.

All of the brook and rainbow trout eggs have hatched and most of the loch leven hatched during the month with a very light loss on the eggs.

---

## COLORADO

Creede. - Shipments of brook trout eggs, totaling 1,960,000, were made during the month. The remainder of the eggs collected--approximately 1,559,000--are being held here for hatching.

Shipments of eggs were as follows: Elko, Nevada, State hatchery, 150,000; Cornville, Arizona, State hatchery, 500,000; and Springville, Utah, State hatchery, 750,000 and 400,000.

---

## NEW MEXICO

Santa Rosa. - Several thousand catfish were secured from a railroad reservoir. Help to rescue these fish was furnished through the courtesy of the local Twin Lakes club.

One short fish distribution trip was made during the month, in which some of the rescued catfish and some adult green sunfish were planted.

---

## WASHINGTON

Baker Lake. - A shipment of 137,500 eastern brook trout eggs was received at the Birdsvew, Washington, station from the Spokane, Washington, station. These eggs will be cared for at the Birdsvew station and the resulting fingerlings taken to the Baker Lake station when it is put in operation on a fish cultural basis. Loss on these eggs has been normal.

Big White Salmon. - One hundred fifty thousand brook trout eggs were received from the Spokane, Washington, station. These eggs are being held at the Carson station until enough chinook salmon fry have been planted to make room for the eggs.

During the month, 2,544,380 chinook salmon eggs collected from the Big White River were planted in the Tye Springs creek. This was done by the Carson station crew.

Birdsvew. - The sockeye salmon eggs taken from Grandy Creek are in good condition and are now in the process of hatching.

Two hundred fifty thousand brook trout eggs were received from the Spokane, Washington, station; 102,816 chinook and 201,630 silver salmon eggs from the Washington State Fish Department at Auburn; and 150,000 rainbow trout eggs from the U. S. Fisheries station at Neosho, Missouri.

Carson. - Three shipments of eggs were received at this station during the month: 450,000 brook trout, Spokane, Washington; 154,000 rainbow trout, Neosho, Missouri; and 42,750 rainbow trout, Kearneysville, West Virginia.

One hundred fifty thousand brook trouts eggs from the Spokane shipment are being held in the Carson hatchery for the Underwood, Washington, station until room there permits moving them to that place.

The 2,102,500 chinook salmon eggs transferred from Underwood to this station are all hatched, with 1,969,500 fry resulting.

The remainder of the eggs which belonged to the Underwood station were planted during the past month. This was done day by day as the eggs started to hatch as it is believed that the chances of survival are best in this particular stream (Tyee Springs Creek) if planted just as hatching begins.

Duckabush. - A total collection of 147,894 silver salmon eggs was made this season.

Of the early run of chum salmon, 359,510 advanced fry were liberated during this period in the Duckabush River. Recently there have been transferred for hatching and rearing, 3,403,985 chum salmon eggs from the Walcott Slough, Quilcene station, operations. The eggs are in excellent condition and losses normal. Advanced fry resulting from these eggs will be returned to Walcott Slough for liberation.

Leavenworth. - During the month, approximately 50,000 blueback and 200,000 chinook salmon fry hatched out. Approximately 2,775,000 blueback and 1,945,000 chinook salmon eggs still remain in the hatchery.

Little White Salmon. - The 1,440,000 chinook salmon eggs, placed in the new hatchery building, have hatched.

Quilcene. - At Walcott Slough, a total of 12,955,933 eggs were collected from the chum salmon run at that point. The run in general was heavy.

The silver salmon run on the Big Quilcene River ended abruptly and a record take of 783,305 eggs was made.

Shipments of 50,000 brook trout eggs and 75,000 rainbow trout eggs were received from other stations of the Service. Both shipments arrived in good condition.

A sufficient number of chum salmon eggs was transferred to the Duckabush station from Walcott Slough to fill the equipment at that point.

Quinault. - The month's collections of 57,760 sockeye and 109,680 silver salmon eggs bring the season's collections of salmon spawn to 69,470 chinook, 1,822,965 sockeye, and 309,650 silver salmon eggs.

---

## OREGON

Butte Falls. - Some 262,000 advanced chinook fry have been transferred to hatchery tanks and ponds.

Two hundred and seventy-four thousand silver salmon eggs were collected this season.

Clackamas. - Rainbow trout eggs were received at this station and at Delph Creek substation from Roaring River, Oregon, and McKenzie River, Oregon.

Delph Creek. - A shipment of 57,675 loch leven trout eggs was received from the Oregon State Game Commission.

There are now on hand 39,575 loch leven trout fry and 57,550 loch leven trout eggs.

CALIFORNIA

Battle Creek. - During the month, approximately 4,000,000 eggs were planted in Stillwater Creek in connection with salmon salvage operations at Shasta Dam.

At the present time there are approximately 2,000,000 eggs still to hatch. All troughs are loaded to capacity and it will be necessary to plant fry at an early date, at least a sufficient number to relieve the crowded condition that will prevail when the remaining eggs are hatched.

Mill Creek. - To date, 8,500,000 chinook salmon eggs have hatched. One million nine hundred thousand fry were planted in the creek during the month in order to make room for hatching eggs. It will be necessary to liberate approximately 850,000 more small fry as they hatch.

---

#