

**Mountain Village Chinook Salmon
Drift Test Fishery Project, 2010**

Project URE-22N-10

Prepared for
The Yukon River Panel
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Submitted By
Yukon Delta Fisheries Development Association

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ABSTRACT

A Chinook salmon test fishery using 7.5-inch stretch mesh drift gillnets was conducted near Mountain Village, Alaska from June 2 through July 17, 2010. During this period, 179 test fishing drifts were conducted and 476 Chinook salmon were captured and retained for sampling. Additionally, 8 Chinook salmon were observed to have dropped out of the net when the net was being pulled into the boat. These 8 Chinook salmon were included in the catch per effort (CPUE) calculations. Two Chinook salmon were captured that were Canada hatchery releases. Total cumulative CPUE index points totaled 693.78. The mid-50% passage of the run occurred between June 20 and June 30, inclusive. The median date of passage was 26 June. Percent age class composition of the Chinook salmon sampled was 2.2% age-1.2, 68.8% age-1.3, and 26.4% age-1.4, 1.2% age-2.3, 0.2% age 1.5, 1.0% age-2.4, and 0.2% age-2.5. Females comprised 40.1% of the total sample. However, the female component increased steadily through the season, from 28.6%, observed in the first quartile, to 52.3%, observed in the fourth quartile.. Salmon from 700 mm to 850 mm comprised 77.1% of the sampled fish. Only 3.4% of the sampled fish were greater than 900 mm. Local hiring of fishermen was accomplished through Asa'carsarmiut Tribal Council and this employment provided stewardship experiences in test fishing, and an understanding of the intricate processes that test fishing provides to Yukon River Chinook salmon management.

KEY WORDS: Chinook salmon, *Oncorhynchus*, Yukon, Alaska, test fishery, catch per unit effort, run assessment, migratory timing, age, sex, length composition, stewardship

INTRODUCTION

The Yukon River drainage supports widely distributed populations of Chinook salmon, *Oncorhynchus tshawytscha*, important for subsistence, personal use, commercial, and sport fisheries throughout the drainage, as summarized in the most recently published management report (Hayes 2008) and U.S./Canada Joint Technical Committee report (JTC 2010). The vast majority of the commercial salmon harvests has occur near the mouth of the Yukon River in Districts 1 and 2 (Figure 1). The subsistence fishery has priority use of these resources, but the fish pass through the major commercial harvesting area in the lower river before they arrive into the upper regions where over half of the Alaskan subsistence harvest occurs. Fishery managers are challenged to quickly and accurately assess run timing and abundance inseason to ensure passage of sufficient numbers of salmon for subsistence needs and adequate escapements to Alaskan streams, and also to satisfy Treaty obligations to Canada.

ADF&G assesses run strength at the mouth of the Yukon River with set and drift gillnets near Emmonak (river mile (RM) 24; Figure 1) and in the north and middle mouth based out of a remote camp near Akers Camp (RM 26). Salmon run assessment is also conducted with hydroacoustic equipment near the village of Pilot Station (RM 122; Figure 1). Additionally, from 2007-2009 the Yukon River Chinook salmon comparative mesh size study project provided additional run strength and timing information to managers (Steve Hayes, ADF&G/CF, personal communication). In the past, a drift gillnet test fishery also operated near the village of Marshall (RM 163; Figure 1) in 1999, 2000, and 2005-2008 (Waltmeyer 2006, 2008; Dubey 2009). All the above-mentioned projects, in conjunction with inseason subsistence harvest reports, provided information to assess the Chinook salmon run inseason (ADF&G 2009).

With the relatively recent dramatic decrease in harvestable surpluses and continued high demand for Yukon River Chinook salmon, more accurate and precise inseason run assessment is needed. When operational, the Marshall test fishery provided some information regarding relative run size and a retrospective comparative check on the relative magnitude of Pilot Station sonar counts attributed to Chinook salmon. The Mountain Village test fishery improves upon the previous project by providing similar information, but on a timelier basis since this project would be 76 river miles closer to the mouth, which translates into more than 2 days travel time for Chinook salmon. Additionally, because of this project's strategic location between the LYTF and Pilot Station sonar projects, information from this project can be compared against the information from the LYTF and the sonar counts. Comparisons can also be made between the 7.5-inch gillnet test fishery CPUE data collected at Pilot Station and the Mountain Village test fishery CPUE. Further, results from this project can also provide additional insight into the expected Chinook salmon run strength at the Pilot Station sonar site. Genetic samples collected from sampled Chinook salmon provided an independent assessment of the various Chinook salmon stocks that migrate through the lower river

The Mountain Village Cooperative test fishery project is designed to foster research and analyses that directly contribute to the assessment of the Chinook salmon run for inseason management. The information gathered will aid in management of both Canadian and U.S. Chinook salmon stocks, so that Treaty obligations, escapement goals, and subsistence priority are met, and appropriate levels of commercial harvest are allowed.

This project also provides an opportunity to build community capacity and stewardship for local residents by promoting training and education in fisheries research and management. This project has received support in the local area. This project supports resource management in a cost effective manner and facilitates communications between various community and government entities.

STUDY AREA

The study area is located upriver from the village of Mountain Village (Figure 1) on the Yukon River, approximately 87 river miles from the mouth. The test fishery sites are located in association with the south bank (Sites 1 and 4), on both sides of a prominent sand bar, and along the north bank (Site 2) of the river (Figure 2).

OBJECTIVES

The specific objectives of this project are to:

- 1) estimate the relative abundance (test fish CPUE) and run timing of the Yukon River Chinook salmon run at Mountain Village;
- 2) describe the ASL composition of the Chinook salmon caught in test drift nets ;
- 3) provide additional Chinook salmon genetic samples for inseason analysis; and
- 4) provide a conservation and stewardship experience for rural local residents and/or local students.

METHODS

Test Fishing

Yukon Delta Fisheries Developmental Association (YDFDA), in cooperation with the Asa'carsarmiut Tribal Council (ATC) and ADF&G, conducted a test fishery near Mountain Village (MVTF) to monitor Chinook salmon. Test fishing commenced on June 2 and continued through the morning of July 17, for a total of 46 days of test fishing. This period encompassed most of the Chinook salmon migration. This schedule takes into account: 1) the approximate two day lag time between the Lower Yukon Test Fish project (LYTF) (RM 24), which typically begins operation the first part of June, and the MVTF (RM 87) and 2) the approximate 1 day lag between the Mountain Village Test Fishery and the Pilot Station sonar project site (RM 124).

Although ATC hired the individual fishermen, YDFDA managed the test fish crew and was responsible for supervision and general oversight of the collection and timely reporting of the data. Local residents were hired as professional fishermen and their expertise was employed in identifying drift sites

Gillnet gear consisted of a 50-fathom shackle of 7.50-inch stretch mesh, multi-filament drift gillnet. The net was 45 meshes deep and was constructed of mono-multifilament strands in a light brown color. A total of four drifts were conducted daily with each station being sampled twice. The drift locations were determined pre-season and were based on local fishermen's expertise and knowledge. Test drifts were conducted on both sides of the river, twice a day, once in the morning and in the evening (approximately 12 hours later) each day.

Prior to the first set of each set of drifts, wind speed and direction, percent cloud cover and precipitation were subjectively estimated and recorded. Air temperature was taken weather information provided on the Internet for Mountain Village. Water temperature was monitored by a continuous hobo water temperature monitoring device deployed off the Kwik'pak barge at Mountain Village. Observed water condition was noted as calm, choppy, or rough. Vertical and horizontal capture location of Chinook salmon in the net was also recorded.

Drift times were recorded to the nearest minute for each drift. Time was recorded for the beginning of net deployment, when the net was fully deployed, when the net retrieval starts, and when the net was fully

retrieved. This temporal information is needed to calculate the CPUE for each drift. The CPUE index, standardizes catch reporting to the number of fish caught in 100 fathoms of gear, standardized to one hour of fishing time and is calculated as follow:

$$CPUE = \frac{100 fm \times 60 min \times number\ of\ fish}{fm\ of\ gear \times MFT} \quad (1)$$

where: $CPUE = CPUE$ for each set, and
 $MFT =$ mean fishing time for each set.

Mean fishing time (MFT) in minutes was calculated as:

$$MFT = (C - B) + \frac{(B - A) + (D - C)}{2} \quad (2)$$

where: A = time net deployment started,
 B = time net fully deployed,
 C = time net retrieval started, and
 D = time net fully retrieved.

During each drift, the net was fished, or soaked, for approximately 20 minutes. The net was capable of capturing fish prior to being fully deployed, and during the time it was being retrieved. Therefore, mean fishing time for each set (MFT) was adjusted by adding half of the summed total time to set and retrieve the net. The distance covered by the drift varied depending on the time the net was in the water, as well as, water and wind conditions.

To calculate daily CPUE for the Mountain Village project, $CPUE_s$ was averaged as follows:

$$CPUE_d = \left(\sum_{s=1}^n CPUE_s \right) / n \quad (3)$$

The average of all daily drifts was used as the daily CPUE statistic ($CPUE_d$) for developing relative abundance and timing information.

CPUE is the primary indication of relative run strength. Run timing statistics, quartile days, were also calculated based on the daily versus the overall total CPUE. Run timing statistics were compared and contrasted among the three lower river projects to determine the actual run timing of the Chinook salmon migration.

Once the catch is sampled, local residents were allowed to take the fish for subsistence use. All fish taken from the test fish catch were marked by cutting off both lobes of the caudal fin.

Salmon Migration Timing

Migration timing of Chinook salmon through the Lower Yukon Area was assessed using the median day of passage along with the period when the mid-50% of the run passed the project. Quartile days were defined based on the day when 25%, 50% and 75% of the run passed the project, based on the cumulative Chinook salmon CPUE. The first and third quartile day defined the mid-50% of the run.

Age, Sex, and Length Composition

Three scale samples were collected from all Chinook salmon captured in the test fishery for subsequent age determination. Scales are taken from the left side of the fish, approximately two rows above the lateral line, on the diagonal from the posterior insertion of the dorsal fin to the anterior insertion of the anal fin (Koo 1955). This is known as the “preferred area”. The three scales taken from the preferred area were mounted on gum cards in the field. At the end of the season, all scale cards were delivered to ADF&G. ADF&G was responsible for processing and reading the scales for age determination.

Sex was determined and recorded based on internal examination of the sex products. Length of each Chinook salmon was measured from mid-eye to fork of tail (MEF), to the nearest 5 mm.

Genetic Sampling

As a part of the salmon sampling procedure, one axillary process tissue sample was collected from each Chinook salmon sampled. Genetic samples were collected by severing the process with a dog toenail clipper. Severed axillary process samples were placed into separate pre-labeled and numbered vials. Each sample vial number was cross referenced with the scale card and specimen number.

Conservation and Stewardship Experience for Rural Local Residents

ATC-contracted fishermen received training in test fishing protocols and sampling techniques from ADF&G staff and from the YDFDA-contract biologist. The YDFDA-contract biologist supervised the fishermen throughout the season and provided the necessary on-site training, information, and quality control assessment so that project objectives were achieved. Additionally, through on-site discussions regarding the management of the Chinook salmon run, this employment provided an opportunity for the test fishing crew to understand the intricate processes that test fishing provides to Yukon River Chinook salmon management.

RESULTS

Test Fishing

The 2010 fishing season was the first year for operation of the Mountain Village Chinook salmon drift test fishery. Test fishing occurred from June 2 through July 17, 2010. During that time, the test fish crew conducted 179 individual drifts on the north and south banks of the mainstem Yukon River (Appendix A1). Although 181 drift numbers are recorded, two drifts that were scheduled on the morning of July 11 were not completed because of heavy fog conditions. Additionally only 2 drifts were completed during the first and last day of project operations, June 2 and July 17, respectively.

During the majority of the test fishing operations, winds were from a westerly direction, and usually at 10 mph or less velocity. Skies were overcast, with an estimated 90%, or more, cloud cover for a majority, 53%, of observations. Few days were calm, but wind speeds in excess of 25mph occurred infrequently. Water conditions were calm for half of the drift sets, but were considered “rough” 21% of the time (Appendix A2). Chinook salmon were observed to be primarily captured horizontally in association with the middle and/or onshore portions of the net (69% of the observations) and vertically in association with the leadline and/or middle portions of the net (61% of the observations). Additionally, salmon were captured horizontally throughout the net in 18% of the observations and vertically throughout the net in 9% of the observations. Relatively few fish were caught in the offshore section of the net, 13%; and/or near the corkline, 16% (Appendix A2). Recorded air temperature ranged from 28° F (-2.2 ° C) to 65° F (-18.3° C) and averaged 49° F (9.5° C) over the course of the project (Appendix A2). Water temperature information is not available at this time. The water temperature monitoring device was inadvertently left

in the Mountain Village Kwik'pak barge. However, these data will be available at a later date after the monitoring device is retrieved and delivered to ADF&G.

Individual drifts that were not extended because of problems associated with snag encounters ranged in mean fishing time (MFT) from 7 to 33 minutes (Appendix A1). Individual drifts generally took an average of 2 minutes to set the net out. Excluding those drifts that were extended by problems associated with snags; net soak time ranged from 4 to 20 minutes and averaged 14 minutes. The time for pulling and picking the fish out of the net as it was retrieved ranged from 1 to 20 minutes and averaged 6 minutes (Appendix A1).

A total of 476 Chinook salmon were captured and retained during the test fishing project (Table 1). Fishermen observed 8 additional Chinook salmon that dropped out of the net as it was being retrieved. These fish were included in the calculation of the daily CPUE but recorded as “released” in Table 1. Daily Chinook salmon catches ranged from 0 caught, on numerous days, to 47 fish captured and retained, on June 30 (Table 1). During the project operation, 2 Chinook salmon with missing adipose fins were caught. The head of each fish was collected and analyzed for a coded wire tag. The missing adipose fin and the presence of a CWT indicated that these fish originated from a hatchery. The specific code on the CWT indicated that both these fish originated from the Whitehorse Fish Hatchery; both these fish were age-0.4 and from the 2005 brood year. One was released in the Yukon River and the other into McClintock River in Yukon, Canada. ASL data from individual fish are presented in Appendix Table 3.

Site number 2, located along the north bank of the mainstem Yukon River (Figure 3), consistently caught Chinook salmon throughout the duration of the project. The vast majority, over 95%, of the total number of Chinook salmon captured, including those observed to drop out, were from test fishing activities at site 2 (Appendix A1). Most, if not all the subsistence Chinook salmon fishing by villagers occurred on the north bank of the river above the village. A productive test fishing site in association with the south bank could not be found. Site 1 was located at two locations in association with the sand bar on the south side of the river (Figure 2). The original site 1 was located on the south side of the sandbar. This test fishing site was relocated to the north side of the sand bar after fishing was repeatedly hampered by snags. However, neither Site 1 location produced Chinook salmon. This site was abandoned on June 26 after prospecting for a more productive site on the south bank was thought to be found, Site 4 (Figure 2). The total number of Chinook salmon caught or observed dropping out of the net at Site 1 comprised a little more than 2% of the total (Appendix A1.).

Site 4 was located farther downstream and on the south side of the same sandbar. Although this site produced a few Chinook salmon early in the run, it also failed to produce adequate numbers of Chinook salmon during the remaining duration of the project. Chinook salmon catches from Site 4 comprised little more than 2% of the total Chinook salmon caught or observed dropping out of the net. Although additional prospecting for a fishing site in association with the south bank of the river continued for most of the season, a consistently productive site was not found.

Catch per Unit Effort (CPUE)

The cumulative total Mountain Village Test Fishery (MVTF) CPUE for Chinook salmon in 2010 was 689.18 (Table 1). Daily CPUE ranged from 0.00, recorded on numerous days, to 61.94, recorded on June 30. An examination of the daily CPUE indicates that 3 or 4 pulses of Chinook, separated by 1 day migrated past Mountain Village. The pulses at MVTF occurred during the periods: June 16-20, June 22-24, June 26-July 2 and July 7-9 (Figure 3). Highest CPUE was observed within the third pulse: 61.94 on June 30, 60.27 on June 26, and 56.93 on June 28.

Salmon Migration Timing

The mid-50% passage for the MVTF occurred between June 20 through June 30, 11 days. Median day of passage for the MVTF occurred on June 26. Estimates of Chinook salmon passage through the MVTF correspond well with preliminary assessment of run timing at the LYTF and Pilot Station sonar projects (Figure 3)

Age, Sex and Length Composition

Of the 476 sets of scales taken from Chinook salmon caught in the MVTF, 87.6% were successfully aged. The age composition of fish sampled in the MVTF project was composed of 8 age classes ranging from age-1.2 to age-2.5. These age classes represented five brood years, 2006, 2005, 2004, 2003 and 2002, with Chinook salmon returning as 4, 5, 6, 7, and 8 year old fish, respectively (Table 4). The dominant age classes in the sample were age-1.3, 68.8%, and age-1.4, 26.4%. Other age classes individually accounted for no more than 2.2% of the sample (Table 2). Age-1.3 salmon accounted for 80.1% of the male component of the sample. Age-1.3 and age-1.4 accounted for 50.5% and 44.3% of the female component, respectively. The percentage of female Chinook salmon in the sample increased during the season, from 28.6%, in the first quartile, to 52.3%, in the fourth quartile (Figure 4). Interestingly, this pattern seems to be driven by age-1.3 female salmon (Figure 5).

Overall mean length of males was 757 mm. Mean length of females was 823 mm. Most of the salmon, 77.5%, were between 700 mm and 850 mm in length (Figure 6; Table 3). Most of the male salmon, 77.5%, were evenly distributed between the 700-750 and 75-800mm length bins (Figure 6; Table 3), while female Chinook salmon were most abundant, 42.9%, in the 800-850 length bin (Figure 6; Table 3). Chinook salmon greater than 900 mm comprised 3.4% of the sample (Table 3; Figure 7); female Chinook salmon comprised 62.5% of these large fish.

Average lengths of males, by age, ranged from 592 mm for age-1.2 to 828 mm for age-1.4 (Table 3). Female average length ranged from 760 mm for age-2.3 to 890 mm for age-1.5 salmon. Overall, the weighted mean age of males, 5.13 years, was slightly younger than the weighted mean age of females, 5.52 years, in the sample (Table 4). Females Chinook salmon represented 40.1% of the fish sampled (Table 3) and 40.0%, of the aged female salmon aged (Table 4).

Genetic Sampling

Genetic samples were collected from all 476 Chinook salmon captured and retained and placed in individually numbered vials. Genetic information from this collection will provide an additional estimate of the timing of the various Chinook salmon stocks through the lower Yukon River.

Conservation and Stewardship Experience for Rural Local Residents

This project, through its local hire component and involvement of local tribal government, provided an opportunity to build community capacity and stewardship. This project provided local residents work experience and training, in the areas of test fishing and fish sampling. Additionally, discussions among research biologists and fishermen and helpers regarding the need for these test fish data provided fishermen with insights into the Yukon Area salmon research and management programs. This project supported a resource management project in a cost effective manner and facilitates communications between community and government entities. In addition, the project sought to build community capacity and was supported in the local area.

DISCUSSION

The 2010 MVTF project for Chinook salmon operated successfully during its first season of operation. Information from this project provided valuable inseason and post season insight into the relative abundance and timing of the total Yukon River Chinook salmon run. This information, in conjunction with information from LYTF and the Pilot Station sonar project provided managers and research biologists with a better understanding of the entire Chinook salmon run.

During 2010, the vast majority of Chinook salmon caught during MVTF operations were caught along the north bank. Although there was some concern that a portion of the run moving along the south bank or north of the prominent sand bar in the test fish area would be missed, catches during the season in exploratory fishing operations failed to find substantial numbers of Chinook salmon on the south side of the river. In addition, nearly all of the subsistence fishers from Mountain Village fished along the north bank, upriver from the village, for Chinook salmon, indicating that fishing was good along the north bank, upriver from the village. From this information, we assumed that nearly all the fish migrated through this area along the north bank. Although the 7.5 inch drift gillnets used in this project probably does not adequately sample all Chinook salmon sizes, especially the very small Chinook salmon, we believe that the vast majority of fish moving through the area at the time of fishing operations during 2010 were susceptible to capture

Effective in 2011, the maximum mesh size gillnet allowed within the entire Yukon Area will be limited to 7.5 inch stretch mesh. However, ADF&G managers decided to maintain the 8.5 inch gillnets in the LYTF operations into the future (Steve Hayes, ADF&G/CF, Anchorage, personal communication). Because the MVTF operations use 7.5 inch stretch mesh nets, the difference in the catches from these two projects may provide insight into the effects that the 7.5 inch maximum mesh restriction may have on the lower Yukon subsistence and commercial fisheries under differing age-class compositions of Chinook salmon runs.

CPUE and timing information from this project was timely and much timelier than the previous test fishing project at Marshall. Additionally, because of the concentrated nature of the river channel at the MVTF site, and the strongly likelihood that the vast majority of the fish migrate along the north bank, a representative sample of the entire run during each day throughout the duration of the project is highly likely. Further, the strategic location of the MVTF project, between two very important Lower Yukon projects, was used to verify that all lower river assessment projects, particularly the LYTF and Pilot Station sonar projects, were operating adequately. In the future, information from this project will be more useful as the database grows and the utility of the data is more fully understood.

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Table 1. Chinook and chum salmon catches and Chinook salmon CPUE, Mountain Village drift test net fishery, June 2-July17, 2010.

| Date | Chinook Salmon | | | | | Chum Salmon | | |
|-----------|----------------|----------|-------|-------|------------|-------------|----------|-------|
| | Retained | Released | Total | CPUE | Cumulative | Retained | Released | Total |
| 6/2/2010 | 0 | 0 | 0 | 0.00 | 0.00 | 0 | 0 | 0 |
| 6/3/2010 | 0 | 0 | 0 | 0.00 | 0.00 | 0 | 0 | 0 |
| 6/4/2010 | 0 | 0 | 0 | 0.00 | 0.00 | 0 | 0 | 0 |
| 6/5/2010 | 0 | 0 | 0 | 0.00 | 0.00 | 0 | 0 | 0 |
| 6/6/2010 | 0 | 0 | 0 | 0.00 | 0.00 | 0 | 0 | 0 |
| 6/7/2010 | 0 | 0 | 0 | 0.00 | 0.00 | 0 | 0 | 0 |
| 6/8/2010 | 0 | 0 | 0 | 0.00 | 0.00 | 0 | 0 | 0 |
| 6/9/2010 | 0 | 0 | 0 | 0.00 | 0.00 | 0 | 0 | 0 |
| 6/10/2010 | 0 | 0 | 0 | 0.00 | 0.00 | 0 | 0 | 0 |
| 6/11/2010 | 0 | 0 | 0 | 0.00 | 0.00 | 0 | 0 | 0 |
| 6/12/2010 | 0 | 0 | 0 | 0.00 | 0.00 | 0 | 0 | 0 |
| 6/13/2010 | 0 | 0 | 0 | 0.00 | 0.00 | 0 | 0 | 0 |
| 6/14/2010 | 6 | 0 | 6 | 8.57 | 8.57 | 0 | 0 | 0 |
| 6/15/2010 | 3 | 0 | 3 | 4.66 | 13.23 | 0 | 0 | 0 |
| 6/16/2010 | 21 | 1 | 22 | 32.98 | 46.21 | 7 | 0 | 7 |
| 6/17/2010 | 23 | 0 | 23 | 28.85 | 75.05 | 4 | 0 | 4 |
| 6/18/2010 | 19 | 0 | 19 | 26.06 | 101.11 | 2 | 0 | 2 |
| 6/19/2010 | 37 | 0 | 37 | 49.99 | 151.09 | 4 | 0 | 4 |
| 6/20/2010 | 26 | 1 | 27 | 34.56 | 185.65 | 5 | 0 | 5 |
| 6/21/2010 | 3 | 1 | 4 | 6.50 | 192.15 | 0 | 0 | 0 |
| 6/22/2010 | 14 | 0 | 14 | 19.68 | 211.84 | 4 | 0 | 4 |
| 6/23/2010 | 25 | 1 | 26 | 37.10 | 248.93 | 3 | 0 | 3 |
| 6/24/2010 | 10 | 0 | 10 | 19.99 | 268.93 | 6 | 0 | 6 |
| 6/25/2010 | 8 | 0 | 8 | 12.71 | 281.64 | 0 | 0 | 0 |
| 6/26/2010 | 38 | 0 | 38 | 60.27 | 341.91 | 9 | 0 | 9 |
| 6/27/2010 | 26 | 2 | 28 | 47.04 | 388.95 | 4 | 0 | 4 |
| 6/28/2010 | 35 | 0 | 35 | 56.93 | 445.88 | 29 | 0 | 29 |
| 6/29/2010 | 13 | 0 | 13 | 20.62 | 466.50 | 27 | 0 | 27 |
| 6/30/2010 | 47 | 0 | 47 | 61.94 | 528.44 | 12 | 0 | 12 |
| 7/1/2010 | 16 | 0 | 16 | 24.61 | 553.04 | 2 | 0 | 2 |
| 7/2/2010 | 10 | 0 | 10 | 16.70 | 569.74 | 6 | 0 | 6 |
| 7/3/2010 | 4 | 0 | 4 | 7.01 | 576.75 | 3 | 0 | 3 |
| 7/4/2010 | 5 | 0 | 5 | 8.33 | 585.08 | 6 | 0 | 6 |

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Table 1. page 2 of 2.

| Date | Chinook Salmon | | | | | Chum Salmon | | |
|-----------|----------------|----------|-------|--------|------------|-------------|----------|-------|
| | Retained | Released | Total | CPUE | Cumulative | Retained | Released | Total |
| 7/5/2010 | 0 | 0 | 0 | 0.00 | 585.08 | 7 | 0 | 7 |
| 7/6/2010 | 5 | 0 | 5 | 8.57 | 593.66 | 19 | 0 | 19 |
| 7/7/2010 | 11 | 0 | 11 | 17.18 | 610.83 | 8 | 3 | 11 |
| 7/8/2010 | 23 | 0 | 23 | 25.56 | 636.39 | 9 | 3 | 12 |
| 7/9/2010 | 11 | 0 | 11 | 11.36 | 647.75 | 0 | 12 | 12 |
| 7/10/2010 | 7 | 0 | 7 | 8.29 | 656.04 | 1 | 3 | 4 |
| 7/11/2010 | 0 | 0 | 0 | 0.00 | 656.04 | 0 | 3 | 3 |
| 7/12/2010 | 7 | 0 | 7 | 8.31 | 664.34 | 0 | 0 | 0 |
| 7/13/2010 | 8 | 1 | 9 | 10.13 | 674.47 | 1 | 9 | 10 |
| 7/14/2010 | 3 | 1 | 4 | 4.71 | 679.18 | 2 | 11 | 13 |
| 7/15/2010 | 10 | 0 | 10 | 10.00 | 689.18 | 3 | 2 | 5 |
| 7/16/2010 | 0 | 0 | 0 | 0.00 | 689.18 | 1 | 1 | 2 |
| 7/17/2010 | 2 | 0 | 2 | 0.00 | 689.18 | 1 | 2 | 3 |
| Totals | 476 | 8 | 484 | 689.18 | | 185 | 49 | 234 |

Table 2. Age and sex composition and mean length by age and sex of sampled Chinook salmon captured in the Mountain Village test 7.5 inch gillnet test fishery, 2010.

| Sample | | | Brood Year (Age) | | | | | | | | | | | | | | Total | | | |
|-------------|------|--------------------|------------------|-----|-------|------|-------|-----|-------|------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-------|
| | | | 2006 | | 2005 | | | | 2004 | | | | 2003 | | | | | | 2002 | |
| | | | (1,2) | | (1,3) | | (0,4) | | (1,4) | | (2,3) | | (1,5) | | (2,4) | | | | (2,5) | |
| Dates | Size | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | | | |
| 6/14 - 6/20 | 120 | Male | 3 | 2.5 | 68 | 56.7 | 1 | 0.8 | 13 | 10.8 | 1 | 0.8 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 86 | 71.7 |
| Quartile 1 | | Female | 0 | 0.0 | 15 | 12.5 | 0 | 0.0 | 16 | 13.3 | 0 | 0.0 | 1 | 0.8 | 1 | 0.8 | 1 | 0.8 | 34 | 28.3 |
| | | Subtotal | 3 | 2.5 | 83 | 69.2 | 1 | 0.8 | 29 | 24.2 | 1 | 0.8 | 1 | 0.8 | 1 | 0.8 | 1 | 0.8 | 120 | 100.0 |
| | | Male Mean Length | 610 | | 740 | | 830 | | 838 | | 680 | | - | | - | | - | | | |
| | | SE | 80 | | 4 | | - | | 21 | | - | | - | | - | | - | | | |
| | | Range | 520 | 770 | 660 | 825 | - | - | 730 | 990 | - | - | - | - | - | - | - | - | - | - |
| | | n | 3 | | 68 | | 1 | | 13 | | 1 | | 0 | | 0 | | 0 | | | |
| | | Female Mean Length | - | | 789 | | - | | 842 | | - | | 890 | | 945 | | 850 | | | |
| | | SE | - | | 14 | | - | | 9 | | - | | - | | - | | - | | | |
| | | Range | - | - | 665 | 860 | - | - | 760 | 905 | - | - | - | - | - | - | - | - | - | - |
| | | n | 0 | | 15 | | 0 | | 16 | | 0 | | 1 | | 1 | | 1 | | | |

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Table 2. Page 2 of 5

| Sample | | | Brood Year (Age) | | | | | | | | | | | | Total | | | | | |
|-------------|------|--------------------|------------------|-----|-------|------|-------|-----|-------|------|-------|-----|-------|-----|-------|-----|-------|-----|-------|------|
| | | | 2006 | | 2005 | | 2004 | | 2003 | | 2002 | | | | | | | | | |
| | | | (1.2) | | (1.3) | | (0.4) | | (1.4) | | (2.3) | | (1.5) | | | | (2.4) | | (2.5) | |
| Dates | Size | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | | | |
| 6/21 - 6/26 | 84 | Male | 3 | 3.6 | 41 | 48.8 | 0 | 0.0 | 7 | 8.3 | 2 | 2.4 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 53 | 63.1 |
| Quartile 2 | | Female | 0 | 0.0 | 13 | 15.5 | 1 | 1.2 | 17 | 20.2 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 31 | 36.9 |
| | | Subtotal | 3 | 2.5 | 54 | 45.0 | 1 | 1.2 | 24 | 20.0 | 2 | 1.7 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 84 | 70.0 |
| | | Male Mean Length | 573 | | 749 | | - | | 824 | | 763 | | - | | - | | - | | | |
| | | SE | 20 | | 8 | | - | | 22 | | 13 | | - | | - | | - | | | |
| | | Range | 540 | 610 | 655 | 885 | - | - | 760 | 930 | 750 | 775 | - | - | - | - | - | - | | |
| | | n | 3 | | 41 | | 0 | | 7 | | 2 | | 0 | | 0 | | 0 | | | |
| | | Female Mean Length | - | | 801 | | 805 | | 836 | | - | | - | | - | | - | | | |
| | | SE | - | | 12 | | - | | 10 | | - | | - | | - | | - | | | |
| | | Range | - | - | 710 | 880 | - | - | 740 | 920 | - | - | - | - | - | - | - | - | | |
| | | n | 0 | | 13 | | 1 | | 17 | | 0 | | 0 | | 0 | | 0 | | | |

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Table 2. Page 3 of 5.

| Sample | | | Brood Year (Age) | | | | | | | | | | | | | | | | | |
|-------------|------|--------------------|------------------|-----|-------|------|-------|-----|-------|------|-------|-----|-------|-----|-------|-----|-------|-----|-------|------|
| | | | 2006 | | 2005 | | | | 2004 | | | | 2003 | | | | 2002 | | Total | |
| | | | (1.2) | | (1.3) | | (0.4) | | (1.4) | | (2.3) | | (1.5) | | (2.4) | | (2.5) | | | |
| Dates | Size | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | | | |
| 6/27 - 6/30 | 105 | Male | 2 | 1.9 | 50 | 47.6 | 0 | 0.0 | 7 | 6.7 | 0 | 0.0 | 0 | 0.0 | 1 | 1.0 | 0 | 0.0 | 60 | 57.1 |
| Quartile 3 | | Female | 0 | 0.0 | 24 | 22.9 | 0 | 0.0 | 18 | 17.1 | 1 | 1.0 | 0 | 0.0 | 2 | 1.9 | 0 | 0.0 | 45 | 42.9 |
| | | Subtotal | 2 | 1.7 | 74 | 61.7 | 0 | 0.0 | 25 | 20.8 | 1 | 0.8 | 0 | 0.0 | 3 | 2.5 | 0 | 0.0 | 105 | 87.5 |
| | | Male Mean Length | 575 | | 760 | | - | | 811 | | - | | - | | 815 | | - | | | |
| | | SE | 30 | | 6 | | - | | 30 | | - | | - | | - | | - | | | |
| | | Range | 545 | 605 | 650 | 870 | - | - | 710 | 940 | - | - | - | - | - | - | - | - | - | - |
| | | n | 2 | | 50 | | 0 | | 7 | | 0 | | 0 | | 1 | | 0 | | | |
| | | Female Mean Length | - | | 779 | | - | | 845 | | 760 | | - | | 815 | | - | | | |
| | | SE | - | | 14 | | - | | 13 | | - | | - | | 20 | | - | | | |
| | | Range | - | - | 505 | 865 | - | - | 740 | 935 | - | - | - | - | 795 | 815 | - | - | - | - |
| | | n | 0 | | 24 | | 0 | | 18 | | 1 | | 0 | | 2 | | 0 | | | |

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Table 2. Page 4 of 5.

| Sample | | | Brood Year (Age) | | | | | | | | | | | | Total | | | | | |
|-------------|------|--------------------|------------------|-----|---------|------|-------|-----|---------|------|-------|-----|-------|-----|-------|-----|-------|-----|-------|------|
| | | | 2006 | | 2005 | | 2004 | | 2003 | | 2002 | | | | | | | | | |
| | | | (1.2) | | (1.3) | | (0.4) | | (1.4) | | (2.3) | | (1.5) | | | | (2.4) | | (2.5) | |
| Dates | Size | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | | | |
| 7/01 - 7/17 | 109 | Male | 1 | 0.9 | 42 | 38.5 | 0 | 0.0 | 8 | 7.3 | 1 | 0.9 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 52 | 47.7 |
| Quartile 4 | | Female | 0 | 0.0 | 34 | 31.2 | 0 | 0.0 | 23 | 21.1 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 57 | 52.3 |
| | | Subtotal | 1 | 0.8 | 76 | 63.3 | 0 | 0.0 | 31 | 25.8 | 1 | 0.8 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 109 | 90.8 |
| | | Male Mean Length | 630 | | 762 | | - | | 828 | | 675 | | - | | - | | - | | | |
| | | SE | - | | 6 | | - | | 19 | | - | | - | | - | | - | | | |
| | | Range | - | | 655 850 | | - | | 745 910 | | - | | - | | - | | - | | | |
| | | n | 1 | | 42 | | 0 | | 8 | | 1 | | 0 | | 0 | | 0 | | | |
| | | Female Mean Length | - | | 818 | | - | | 862 | | - | | - | | - | | - | | | |
| | | SE | - | | 7 | | - | | 8 | | - | | - | | - | | - | | | |
| | | Range | - | | 735 890 | | - | | 800 950 | | - | | - | | - | | - | | | |
| | | n | 0 | | 34 | | 0 | | 23 | | 0 | | 0 | | 0 | | 0 | | | |

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Table 2. Page 5 of 5.

| Sample | | Brood Year (Age) | | | | | | | | | | | | | | | | | | |
|--------|------|--------------------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| | | 2006 | | 2005 | | | | 2004 | | | | 2003 | | | | 2002 | | Total | | |
| | | (1.2) | | (1.3) | | (0.4) | | (1.4) | | (2.3) | | (1.5) | | (2.4) | | (2.5) | | | | |
| Dates | Size | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | | | |
| Season | 418 | Male | 9 | 2.2 | 201 | 48.1 | 1 | 0.2 | 35 | 8.4 | 4 | 1.0 | 0 | 0.0 | 1 | 0.2 | 0 | 0.0 | 251 | 60.0 |
| | | Female | 0 | 0.0 | 86 | 20.6 | 1 | 0.2 | 74 | 17.7 | 1 | 0.2 | 1 | 0.2 | 3 | 0.7 | 1 | 0.2 | 167 | 40.0 |
| | | Subtotal | 9 | 7.5 | 287 | 239.2 | 2 | 0.5 | 109 | 90.8 | 5 | 4.2 | 1 | 0.8 | 4 | 3.3 | 1 | 0.8 | 418 | 348.3 |
| | | Male Mean Length | 592 | | 751 | | 830 | | 828 | | 720 | | - | | 815 | | - | | | |
| | | SE | 26 | | 3 | | - | | 11 | | 25 | | - | | - | | - | | | |
| | | Range | 520 | 770 | 650 | 885 | - | - | 710 | 990 | 675 | 775 | - | - | - | - | - | - | | |
| | | n | 9 | | 201 | | 1 | | 35 | | 4 | | 0 | | 1 | | 0 | | | |
| | | Female Mean Length | - | | 800 | | 805 | | 848 | | 760 | | 890 | | 858 | | 850 | | | |
| | | SE | - | | 6 | | - | | 5 | | - | | - | | 45 | | - | | | |
| | | Range | - | - | 505 | 890 | - | - | 740 | 950 | - | - | - | - | 795 | 945 | - | - | | |
| | | n | 0 | | 86 | | 1 | | 74 | | 1 | | 1 | | 3 | | 1 | | | |

Table 3. Length frequency distribution of sampled Chinook salmon captured in the Mountain Village test drift 7.5 inch gillnet fishery, 2010.

| Length Bins (mm) | Total Caught | | Males | | Females | |
|---------------------|--------------|-------|--------|------|---------|------|
| | number | % | number | % | number | % |
| <650 | 9 | 1.9 | 8 | 1.7 | 1 | 0.2 |
| 650-699 | 28 | 5.9 | 33 | 6.9 | 2 | 0.4 |
| 700-750 | 117 | 24.6 | 86 | 18.1 | 12 | 2.5 |
| 751-799 | 124 | 26.1 | 85 | 17.9 | 39 | 8.2 |
| 800-850 | 128 | 26.9 | 46 | 9.7 | 82 | 17.2 |
| 851-899 | 54 | 11.3 | 9 | 1.9 | 45 | 9.5 |
| 900-999 | 16 | 3.4 | 6 | 1.3 | 10 | 2.1 |
| >1,000 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Total | 476 | 100.0 | 273 | 57.4 | 191 | 40.1 |
| Average length (mm) | | 784 | | 757 | | 823 |

Table 4. Length frequency distribution of aged Chinook salmon from the Mountain Village test drift Chinook salmon test fishery, 7.5 in stretch mesh gillnets, 2010.

| Length Bins (mm) | Total Aged | | | Males | | | Females | | |
|------------------|------------|-------|----------|--------|------|----------|---------|------|----------|
| | number | % | mean age | number | % | mean age | number | % | mean age |
| <650 | 9 | 2.2 | 4.11 | 8 | 1.9 | 4.00 | 1 | 0.2 | 5.00 |
| 650-699 | 26 | 6.2 | 5.06 | 24 | 5.8 | 5.07 | 2 | 0.5 | 5.00 |
| 700-750 | 103 | 24.7 | 5.08 | 92 | 22.1 | 5.07 | 11 | 2.6 | 5.17 |
| 751-799 | 107 | 25.7 | 5.12 | 73 | 17.5 | 5.07 | 34 | 8.2 | 5.24 |
| 800-850 | 110 | 26.4 | 5.50 | 41 | 9.8 | 5.41 | 69 | 16.5 | 5.55 |
| 851-899 | 48 | 11.5 | 5.71 | 6 | 1.4 | 5.67 | 42 | 10.1 | 5.71 |
| 900-999 | 14 | 3.4 | 6.07 | 6 | 1.4 | 6.00 | 8 | 1.9 | 6.13 |
| >1,000 | 0 | 0.0 | | 0 | 0.0 | | 0 | 0.0 | |
| Total or mean | 417 | 100.0 | 5.29 | 250 | 60.0 | 5.13 | 167 | 40.0 | 5.52 |
| % aged | | 87.6 | | | 91.6 | | | 87.4 | |
| Mean length (mm) | | 783 | | | 756 | | | 823 | |

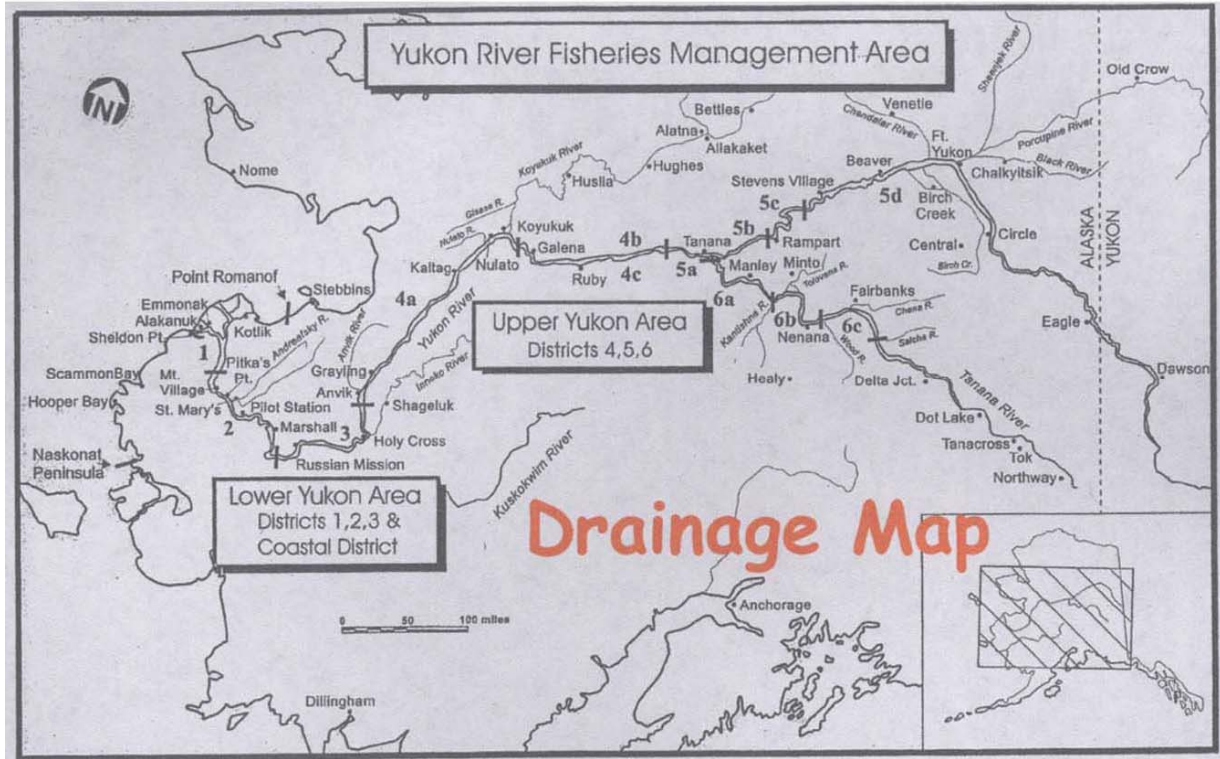


Figure 1. Map of the Alaskan portion of the Yukon River drainage depicting the Alaska Department of Fish and Game commercial fisheries management districts and communities.

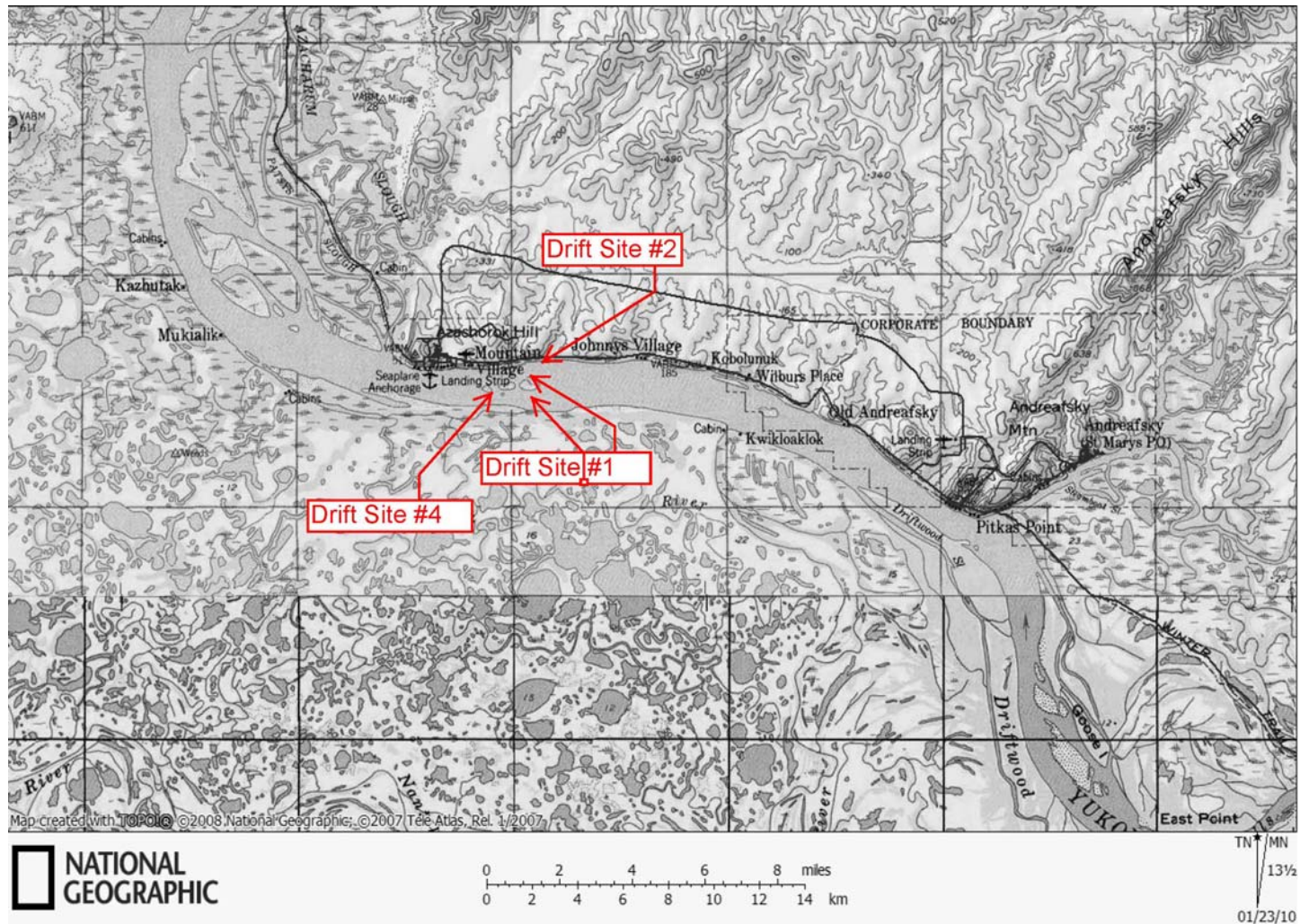


Figure 2. Map of Yukon River in the Mountain Village vicinity, with drift sites.

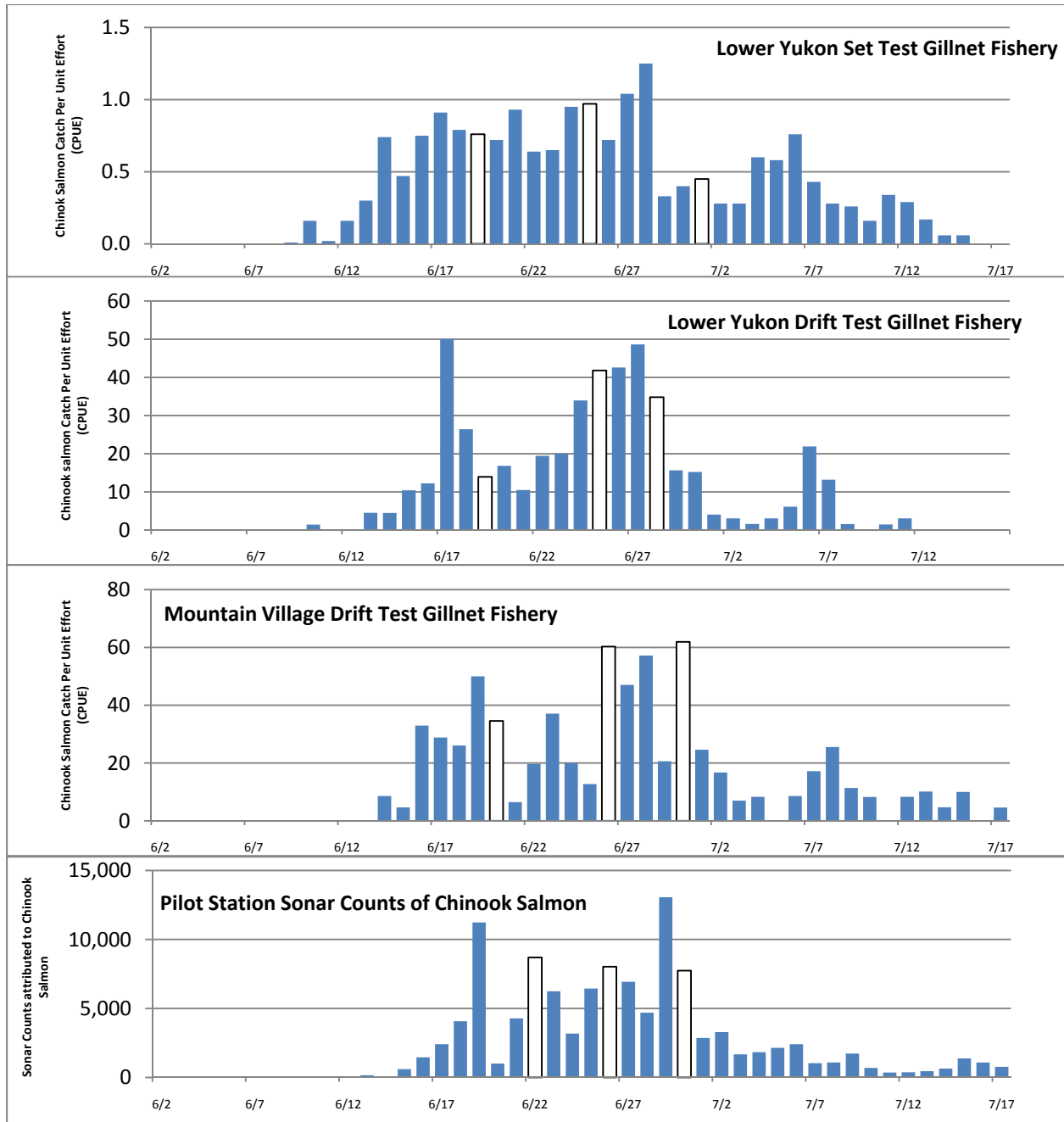


Figure 3. Comparison of Chinook salmon test fish catch per unit effort (CPUE) and sonar counts attributed to Chinook salmon, Lower Yukon Area, 2010. Quartile days are indicated by the white bars in each graph. Note that the LYTF and Pilot Station sonar data are preliminary and subject to change.

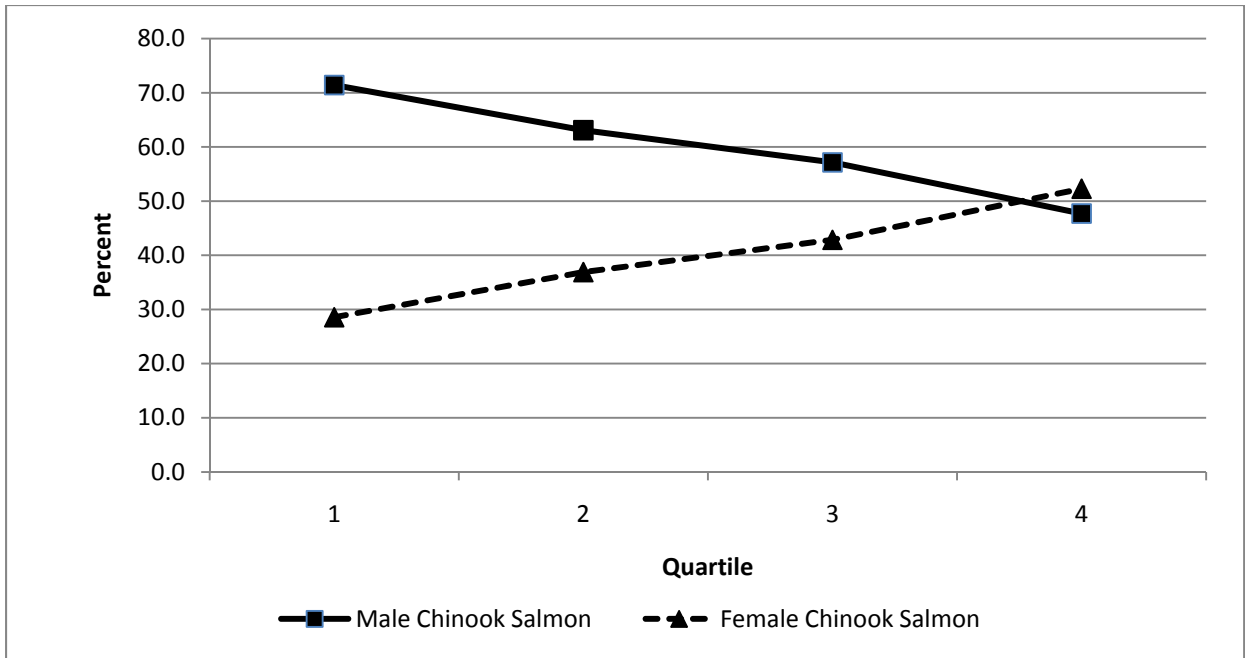


Figure 4. Percent female and male Chinook salmon sampled, by quartile, from the Mountain Village drift test net catch, 2010.

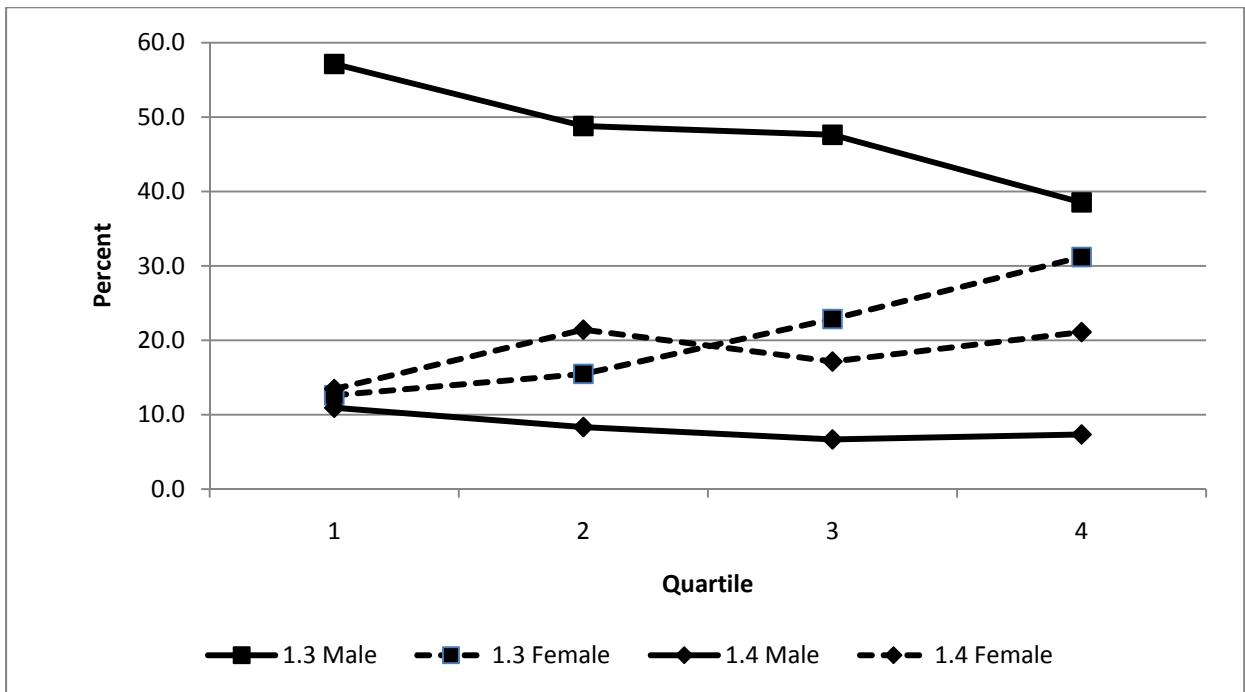


Figure 5. Percent male and female Chinook salmon, by quartile and dominant age classes, age-1.3 and age-1.4, sampled from the Mountain Village drift test fish catch, 2010.

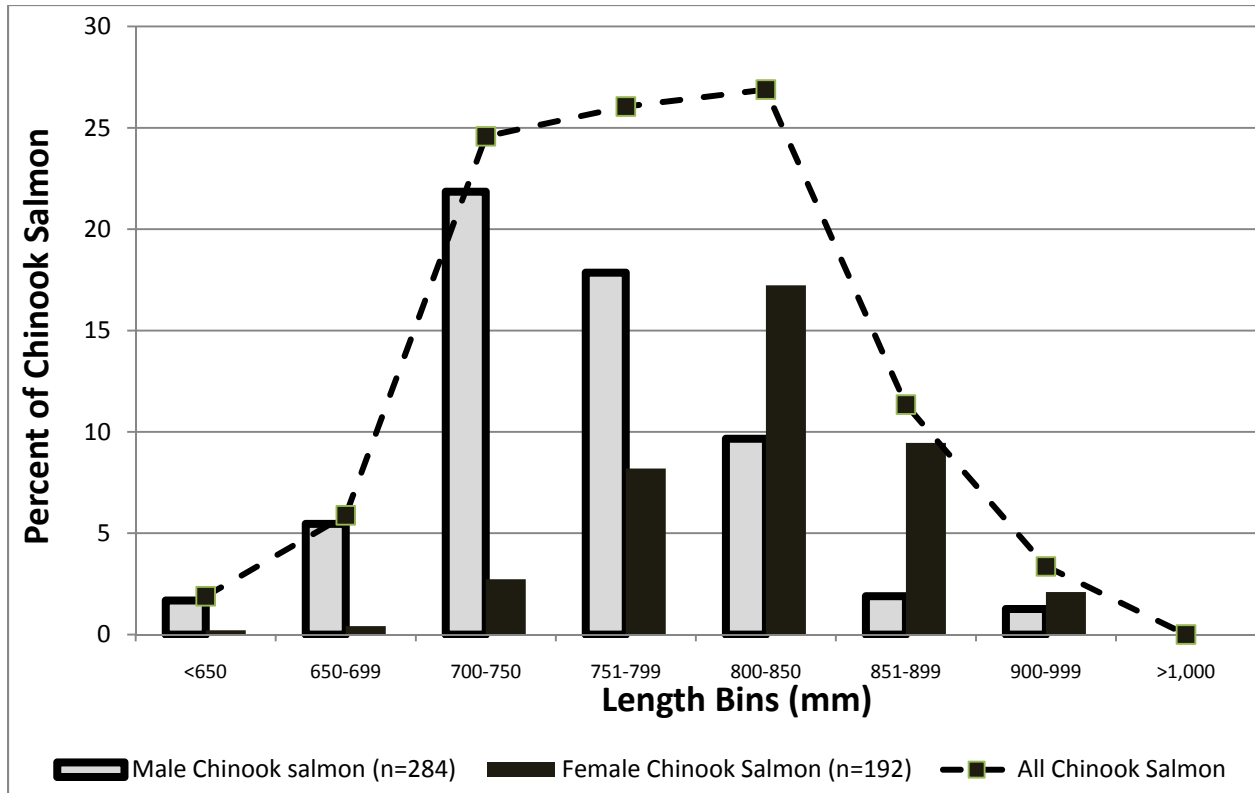


Figure 6. Length frequency distribution of Chinook salmon sampled from the Mountain Village Test Fish project, Yukon River, 2011.

Appendix A 1. Chinook salmon drift test fish log, Mountain Village, Alaska, June 2 - July 17, 2010

| Fishing Time | | | | | | | | Catch | | | | | | |
|--------------|-----------|----------|---------------|--------------|--------------|-------------|--------------------------------|------------|---------------|--------------------|------------|---------------|-------------|----------------|
| | | (A) | (B) | (D) | (D) | (E) | Chinook Salmon | | | Summer Chum Salmon | | | Other | |
| Date | Drift No. | Site No. | Start Net Out | Net Full Out | Start Net In | Net Full In | Mean Fishing Time ^a | Total Kept | Total Release | Total Catch | Total Kept | Total Release | Total Catch | Total Catch |
| 2-Jun | 1 | 2 | 16:58 | 17:00 | 17:13 | 17:16 | 0:16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2-Jun | 2 | 1 | 17:21 | 17:23 | 17:37 | 17:42 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3-Jun | 3 | 2 | 6:50 | 6:53 | 7:06 | 7:10 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3-Jun | 4 | 1 | 7:15 | 7:19 | 7:32 | 7:36 | 0:19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3-Jun | 5 | 2 | 18:46 | 18:49 | 19:02 | 19:08 | 0:19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3-Jun | 6 | 1 | 19:12 | 19:15 | 19:28 | 19:32 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4-Jun | 7 | 2 | 6:48 | 6:51 | 7:04 | 7:08 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4-Jun | 8 | 1 | 7:13 | 7:16 | 7:31 | 7:35 | 0:20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4-Jun | 9 | 2 | 18:49 | 18:52 | 19:05 | 19:09 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4-Jun | 10 | 1 | 19:13 | 19:16 | 19:29 | 20:44 | 0:53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-Jun | 11 | 1 | 6:44 | 6:47 | 7:00 | 7:03 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-Jun | 12 | 2 | 7:08 | 7:11 | 7:24 | 7:29 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-Jun | 13 | 1 | 18:49 | 18:51 | 19:05 | 19:08 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-Jun | 14 | 2 | 19:14 | 19:16 | 19:31 | 19:34 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-Jun | 15 | 1 | 6:46 | 6:49 | 7:02 | 7:05 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-Jun | 16 | 2 | 7:11 | 7:13 | 7:27 | 7:30 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-Jun | 17 | 1 | 18:47 | 18:50 | 19:03 | 19:07 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-Jun | 18 | 2 | 19:12 | 19:14 | 19:28 | 19:31 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7-Jun | 19 | 1 | 4:47 | 4:50 | 5:03 | 5:07 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7-Jun | 20 | 2 | 5:13 | 5:16 | 5:28 | 5:33 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 1 ^b |
| 7-Jun | 21 | 1 | 18:43 | 18:47 | 18:59 | 19:03 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7-Jun | 22 | 2 | 19:09 | 19:11 | 19:25 | 19:29 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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Appendix A1. Page 2 of 5

| Date | Drift No. | Site No. | Fishing Time | | | | | Catch | | | | | | |
|--------|-----------|----------|---------------|--------------|--------------|-------------|--------------------------------|----------------|---------------|-------------|------------|---------------|-------------|----------------|
| | | | (A) | (B) | (C) | (D) | (E) | Chinook Salmon | | | Other | | | |
| | | | Start Net Out | Net Full Out | Start Net In | Net Full In | Mean Fishing Time ^a | Total Kept | Total Release | Total Catch | Total Kept | Total Release | Total Catch | Total Catch |
| 8-Jun | 23 | 1 | 6:44 | 6:47 | 7:00 | 7:04 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 1 ^b |
| 8-Jun | 24 | 2 | 7:09 | 7:12 | 7:26 | 7:31 | 0:19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8-Jun | 25 | 1 | 18:45 | 18:48 | 19:01 | 19:05 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8-Jun | 26 | 2 | 19:09 | 19:12 | 19:25 | 19:29 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9-Jun | 27 | 1 | 5:42 | 5:45 | 5:58 | 6:01 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9-Jun | 28 | 2 | 6:06 | 6:10 | 6:21 | 6:25 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9-Jun | 29 | 1 | 18:45 | 18:48 | 19:01 | 19:04 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9-Jun | 30 | 2 | 19:09 | 19:12 | 19:19 | 19:22 | 0:11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10-Jun | 31 | 1 | 6:46 | 6:50 | 7:02 | 7:06 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10-Jun | 32 | 2 | 7:09 | 7:12 | 7:26 | 7:29 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10-Jun | 33 | 1 | 18:45 | 18:48 | 19:01 | 19:05 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10-Jun | 34 | 2 | 19:07 | 19:10 | 19:23 | 19:27 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11-Jun | 35 | 1 | 6:45 | 6:48 | 7:01 | 7:05 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11-Jun | 36 | 2 | 7:07 | 7:09 | 7:23 | 7:27 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11-Jun | 37 | 1 | 18:41 | 18:45 | 18:57 | 19:01 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11-Jun | 38 | 2 | 19:03 | 19:06 | 19:19 | 19:22 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Jun | 39 | 1 | 6:44 | 6:47 | 7:00 | 7:04 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Jun | 40 | 2 | 7:05 | 7:08 | 7:21 | 7:24 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Jun | 41 | 1 | 17:39 | 17:42 | 17:55 | 18:00 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-Jun | 42 | 2 | 18:03 | 18:05 | 18:18 | 18:22 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Jun | 43 | 1 | 6:41 | 6:44 | 6:57 | 7:01 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-Jun | 44 | 2 | 7:03 | 7:06 | 7:19 | 7:24 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Date | Drift No. | Site No. | Fishing Time | | | | | Catch | | | | | | | |
|--------|-----------|----------|---------------|--------------|--------------|-------------|--------------------------------|----------------|---------------|-------------|--------------------|---------------|-------------|----------------|--|
| | | | (A) | (B) | (C) | (D) | (E) | Chinook Salmon | | | Summer Chum Salmon | | | Other | |
| | | | Start Net Out | Net Full Out | Start Net In | Net Full In | Mean Fishing Time ^a | Total Kept | Total Release | Total Catch | Total Kept | Total Release | Total Catch | Total Catch | |
| 13-Jun | 46 | 2 | 17:41 | 17:44 | 17:58 | 18:03 | 0:19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 14-Jun | 47 | 1 | 7:43 | 7:45 | 8:02 | 8:09 | 0:22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 14-Jun | 48 | 2 | 8:10 | 8:13 | 8:27 | 8:35 | 0:21 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 14-Jun | 49 | 1 | 18:21 | 18:24 | 18:37 | 18:42 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 14-Jun | 50 | 2 | 18:48 | 18:51 | 19:05 | 19:13 | 0:21 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | |
| 15-Jun | 51 | 1 | 8:00 | 8:02 | 8:16 | 8:21 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 15-Jun | 52 | 2 | 8:23 | 8:26 | 8:39 | 8:45 | 0:19 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 15-Jun | 53 | 1 | 19:45 | 19:48 | 20:02 | 20:09 | 0:20 | 0 | 0 | 0 | 0 | 0 | 0 | 1 ^b | |
| 15-Jun | 54 | 2 | 20:11 | 20:14 | 20:27 | 20:34 | 0:19 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | |
| 16-Jun | 55 | 1 | 7:54 | 7:56 | 8:10 | 8:18 | 0:20 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 16-Jun | 56 | 2 | 8:20 | 8:22 | 8:35 | 8:44 | 0:19 | 9 | 0 | 9 | 1 | 0 | 1 | 0 | |
| 16-Jun | 57 | 1 | 19:51 | 19:53 | 20:08 | 20:14 | 0:20 | 1 | 1 | 2 | 0 | 0 | 0 | 1 ^b | |
| 16-Jun | 58 | 2 | 20:16 | 20:19 | 20:30 | 20:43 | 0:20 | 10 | 0 | 10 | 6 | 0 | 6 | 0 | |
| 17-Jun | 59 | 1 | 7:21 | 7:24 | 7:38 | 7:44 | 0:20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 17-Jun | 60 | 2 | 7:45 | 7:47 | 8:00 | 8:09 | 0:19 | 6 | 0 | 6 | 2 | 0 | 2 | 0 | |
| 17-Jun | 61 | 1 | 19:00 | 19:03 | 19:17 | 19:23 | 0:20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 17-Jun | 62 | 2 | 19:25 | 19:27 | 19:38 | 20:04 | 0:26 | 17 | 0 | 17 | 2 | 0 | 2 | 0 | |
| 18-Jun | 63 | 1 | 7:21 | 7:23 | 7:38 | 7:43 | 0:19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 18-Jun | 64 | 2 | 7:46 | 7:48 | 8:02 | 8:16 | 0:23 | 11 | 0 | 11 | 2 | 0 | 2 | 0 | |
| 18-Jun | 65 | 1 | 18:57 | 18:59 | 19:15 | 19:21 | 0:21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 18-Jun | 66 | 2 | 19:24 | 19:26 | 19:40 | 19:49 | 0:20 | 8 | 0 | 8 | 0 | 0 | 0 | 0 | |

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| Date | Drift No. | Site No. | Fishing Time | | | | | Catch | | | | | | |
|--------|-----------|----------|---------------|--------------|--------------|-------------|--------------------------------|----------------|---------------|-------------|--------------------|---------------|-------------|-------------|
| | | | (A) | (B) | (C) | (D) | (E) | Chinook Salmon | | | Summer Chum Salmon | | | Other |
| | | | Start Net Out | Net Full Out | Start Net In | Net Full In | Mean Fishing Time ^a | Total Kept | Total Release | Total Catch | Total Kept | Total Release | Total Catch | Total Catch |
| 19-Jun | 67 | 1 | 7:10 | 7:12 | 7:26 | 7:31 | 0:18 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 19-Jun | 68 | 2 | 7:35 | 7:37 | 7:51 | 8:03 | 0:22 | 11 | 0 | 11 | 0 | 0 | 0 | 0 |
| 19-Jun | 69 | 1 | 19:05 | 19:07 | 19:23 | 19:31 | 0:22 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 19-Jun | 70 | 2 | 19:33 | 19:35 | 19:48 | 20:03 | 0:22 | 24 | 0 | 24 | 2 | 0 | 2 | 0 |
| 20-Jun | 71 | 1 | 7:12 | 7:14 | 7:27 | 7:34 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Jun | 72 | 2 | 7:36 | 7:38 | 7:50 | 8:03 | 0:20 | 10 | 1 | 11 | 1 | 0 | 1 | 0 |
| 20-Jun | 73 | 1 | 19:06 | 19:08 | 19:22 | 19:26 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-Jun | 74 | 2 | 19:28 | 19:30 | 19:45 | 20:03 | 0:26 | 16 | 0 | 16 | 4 | 0 | 4 | 0 |
| 21-Jun | 75 | 1 | 7:11 | 7:13 | 7:25 | 7:30 | 0:16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21-Jun | 76 | 2 | 7:32 | 7:34 | 7:46 | 7:54 | 0:18 | 3 | 0 | 3 | 0 | 0 | 0 | 0 |
| 21-Jun | 77 | 1 | 19:17 | 19:19 | 19:31 | 19:37 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21-Jun | 78 | 2 | 19:39 | 19:41 | 19:55 | 20:03 | 0:20 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 22-Jun | 79 | 1 | 7:16 | 7:18 | 7:29 | 7:36 | 0:16 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 22-Jun | 80 | 2 | 7:39 | 7:40 | 7:54 | 8:08 | 0:22 | 12 | 0 | 12 | 2 | 0 | 2 | 0 |
| 22-Jun | 81 | 1 | 19:12 | 19:14 | 19:28 | 19:36 | 0:20 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 22-Jun | 82 | 2 | 19:39 | 19:41 | 19:54 | 20:00 | 0:18 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 23-Jun | 83 | 1 | 7:25 | 7:27 | 7:41 | 7:46 | 0:18 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 23-Jun | 84 | 2 | 7:48 | 7:50 | 8:02 | 8:09 | 0:17 | 7 | 0 | 7 | 1 | 0 | 1 | 0 |
| 23-Jun | 85 | 1 | 19:05 | 19:07 | 19:19 | 19:25 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23-Jun | 86 | 2 | 19:27 | 19:28 | 19:40 | 20:00 | 0:23 | 17 | 1 | 18 | 2 | 0 | 2 | 0 |
| 24-Jun | 87 | 1 | 7:22 | 7:24 | 7:37 | 7:44 | 0:18 | 1 | 0 | 1 | 2 | 0 | 2 | 0 |
| 24-Jun | 88 | 2 | 7:43 | 7:45 | 7:54 | 8:01 | 0:14 | 8 | 0 | 8 | 4 | 0 | 4 | 0 |

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| Date | Drift No. | Site No. | Fishing Time | | | | | Catch | | | | | | | |
|--------|-----------|----------|---------------|--------------|--------------|-------------|--------------------------------|----------------|---------------|-------------|--------------------|---------------|-------------|-------------|--|
| | | | (A) | (B) | (C) | (D) | (E) | Chinook Salmon | | | Summer Chum Salmon | | | Other | |
| | | | Start Net Out | Net Full Out | Start Net In | Net Full In | Mean Fishing Time ^a | Total Kept | Total Release | Total Catch | Total Kept | Total Release | Total Catch | Total Catch | |
| 24-Jun | 89 | 1 | 19:03 | 19:05 | 19:18 | 19:21 | 0:16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 24-Jun | 90 | 2 | 19:24 | 19:26 | 19:40 | 19:40 | 0:16 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 25-Jun | 91 | 1 | 7:29 | 7:31 | 7:45 | 7:50 | 0:18 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 25-Jun | 92 | 2 | 7:52 | 7:54 | 8:05 | 8:10 | 0:15 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | |
| 25-Jun | 93 | 1 | 19:17 | 19:19 | 19:32 | 19:36 | 0:17 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 25-Jun | 94 | 2 | 19:39 | 19:41 | 19:52 | 20:10 | 0:22 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | |
| 26-Jun | 95 | 1 | 7:03 | 7:05 | 7:19 | 7:22 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 26-Jun | 95 | 1 | 7:03 | 7:05 | 7:19 | 7:22 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 26-Jun | 96 | 2 | 7:26 | 7:28 | 7:42 | 7:53 | 0:21 | 19 | 0 | 19 | 3 | 0 | 3 | 0 | |
| 26-Jun | 97 | 4 | 8:06 | 8:07 | 8:15 | 8:18 | 0:10 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | |
| 26-Jun | 98 | 2 | 19:05 | 19:07 | 19:20 | 19:29 | 0:19 | 16 | 0 | 16 | 3 | 0 | 3 | 0 | |
| 26-Jun | 99 | 4 | 19:40 | 19:42 | 19:55 | 20:00 | 0:17 | 2 | 0 | 2 | 2 | 0 | 2 | 0 | |
| 27-Jun | 100 | 2 | 7:13 | 7:14 | 7:28 | 7:32 | 0:17 | 13 | 2 | 15 | 0 | 0 | 0 | 0 | |
| 27-Jun | 101 | 4 | 7:44 | 7:46 | 8:00 | 8:06 | 0:19 | 1 | 0 | 1 | 2 | 0 | 2 | 0 | |
| 27-Jun | 102 | 2 | 19:01 | 19:03 | 19:15 | 19:25 | 0:19 | 11 | 0 | 11 | 2 | 0 | 2 | 0 | |
| 27-Jun | 103 | 4 | 19:34 | 19:36 | 19:50 | 19:55 | 0:18 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 28-Jun | 104 | 2 | 6:38 | 6:40 | 6:54 | 7:00 | 0:19 | 16 | 0 | 16 | 2 | 0 | 2 | 0 | |
| 28-Jun | 105 | 4 | 7:12 | 7:15 | 7:30 | 7:35 | 0:20 | 0 | 0 | 0 | 6 | 0 | 6 | 0 | |
| 28-Jun | 106 | 2 | 19:22 | 19:24 | 19:35 | 19:45 | 0:18 | 19 | 0 | 19 | 15 | 0 | 15 | 0 | |
| 28-Jun | 107 | 4 | 20:00 | 20:02 | 20:17 | 20:20 | 0:18 | 0 | 0 | 0 | 6 | 0 | 6 | 0 | |
| 29-Jun | 108 | 2 | 6:56 | 6:57 | 7:12 | 7:16 | 0:18 | 2 | 0 | 2 | 1 | 0 | 1 | 0 | |

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| Date | Drift No. | Site No. | Fishing Time | | | | | Catch | | | | | | |
|--------|-----------|----------|---------------|--------------|--------------|-------------|--------------------------------|----------------|---------------|-------------|--------------------|---------------|-------------|-------------|
| | | | (A) | (B) | (C) | (D) | (E) | Chinook Salmon | | | Summer Chum Salmon | | | Other |
| | | | Start Net Out | Net Full Out | Start Net In | Net Full In | Mean Fishing Time ^a | Total Kept | Total Release | Total Catch | Total Kept | Total Release | Total Catch | Total Catch |
| 29-Jun | 109 | 4 | 7:23 | 7:25 | 7:38 | 7:48 | 0:20 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 29-Jun | 110 | 2 | 18:58 | 19:00 | 19:14 | 19:20 | 0:19 | 10 | 0 | 10 | 16 | 0 | 16 | 0 |
| 29-Jun | 111 | 4 | 19:35 | 19:36 | 19:40 | 19:45 | 0:07 | 0 | 0 | 0 | 9 | 0 | 9 | 0 |
| 30-Jun | 112 | 2 | 6:46 | 6:48 | 7:02 | 7:14 | 0:22 | 22 | 0 | 22 | 0 | 0 | 0 | 0 |
| 30-Jun | 113 | 4 | 7:21 | 7:22 | 7:34 | 7:39 | 0:15 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 30-Jun | 114 | 2 | 19:05 | 19:07 | 19:23 | 19:35 | 0:24 | 24 | 0 | 24 | 2 | 0 | 2 | 0 |
| 30-Jun | 115 | 4 | 19:45 | 19:46 | 20:00 | 20:05 | 0:17 | 0 | 0 | 0 | 10 | 0 | 10 | 0 |
| 1-Jul | 116 | 2 | 6:51 | 6:52 | 7:09 | 7:13 | 0:20 | 10 | 0 | 10 | 0 | 0 | 0 | 0 |
| 1-Jul | 117 | 4 | 7:23 | 7:24 | 7:38 | 7:43 | 0:17 | 1 | 0 | 1 | 2 | 0 | 2 | 0 |
| 1-Jul | 118 | 2 | 19:14 | 19:16 | 19:30 | 19:36 | 0:19 | 5 | 0 | 5 | 0 | 0 | 0 | 0 |
| 1-Jul | 119 | 4 | 19:40 | 19:43 | 19:55 | 19:59 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2-Jul | 120 | 2 | 6:54 | 6:56 | 7:10 | 7:14 | 0:18 | 2 | 0 | 2 | 1 | 0 | 1 | 0 |
| 2-Jul | 121 | 4 | 7:18 | 7:20 | 7:39 | 7:41 | 0:22 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 2-Jul | 122 | 2 | 19:05 | 19:07 | 19:20 | 19:25 | 0:17 | 7 | 0 | 7 | 5 | 0 | 5 | 0 |
| 2-Jul | 123 | 4 | 19:35 | 19:37 | 19:50 | 20:00 | 0:20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3-Jul | 124 | 2 | 7:13 | 7:15 | 7:28 | 7:33 | 0:17 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 3-Jul | 125 | 4 | 7:38 | 7:40 | 7:55 | 7:58 | 0:18 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 3-Jul | 126 | 2 | 19:04 | 19:06 | 19:18 | 19:24 | 0:17 | 3 | 0 | 3 | 0 | 0 | 0 | 0 |
| 3-Jul | 127 | 4 | 19:30 | 19:32 | 19:45 | 19:50 | 0:17 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 4-Jul | 128 | 2 | 7:33 | 7:35 | 7:48 | 7:54 | 0:18 | 5 | 0 | 5 | 0 | 0 | 0 | 0 |
| 4-Jul | 129 | 4 | 8:00 | 8:03 | 8:15 | 8:20 | 0:17 | 0 | 0 | 0 | 6 | 0 | 6 | 0 |
| 4-Jul | 130 | 2 | 19:05 | 19:07 | 19:20 | 19:25 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Date | Drift No. | Site No. | Fishing Time | | | | | Catch | | | | | | | |
|--------|-----------|----------|---------------|--------------|--------------|-------------|--------------------------------|----------------|---------------|-------------|--------------------|---------------|-------------|------------------|--|
| | | | (A) | (B) | (C) | (C) | (E) | Chinook Salmon | | | Summer Chum Salmon | | | Other | |
| | | | Start Net Out | Net Full Out | Start Net In | Net Full In | Mean Fishing Time ^a | Total Kept | Total Release | Total Catch | Total Kept | Total Release | Total Catch | Total Catch | |
| 4-Jul | 131 | 4 | 19:30 | 19:32 | 19:45 | 19:48 | 0:16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5-Jul | 132 | 2 | 7:05 | 7:07 | 7:20 | 7:25 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5-Jul | 133 | 4 | 7:35 | 7:37 | 7:50 | 7:55 | 0:17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5-Jul | 134 | 2 | 19:05 | 19:07 | 19:20 | 19:25 | 0:17 | 0 | 0 | 0 | 7 | 0 | 7 | 0 | |
| 5-Jul | 135 | 4 | 19:35 | 19:37 | 19:50 | 19:56 | 0:18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 6-Jul | 136 | 2 | 7:15 | 7:17 | 7:30 | 7:35 | 0:17 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | |
| 6-Jul | 137 | 4 | 7:45 | 7:47 | 8:00 | 8:05 | 0:17 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | |
| 6-Jul | 138 | 2 | 19:05 | 19:06 | 19:20 | 19:25 | 0:17 | 0 | 0 | 0 | 10 | 0 | 10 | 0 | |
| 6-Jul | 139 | 4 | 19:30 | 19:32 | 19:45 | 19:50 | 0:17 | 0 | 0 | 0 | 8 | 0 | 8 | 0 | |
| 7-Jul | 140 | 2 | 6:58 | 7:00 | 7:15 | 7:22 | 0:20 | 6 | 0 | 6 | 1 | 1 | 2 | 0 | |
| 7-Jul | 141 | 4 | 7:28 | 7:30 | 7:45 | 7:50 | 0:19 | 1 | 0 | 1 | 2 | 2 | 4 | 0 | |
| 7-Jul | 142 | 2 | 19:30 | 19:32 | 19:45 | 19:50 | 0:17 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | |
| 7-Jul | 143 | 4 | 20:00 | 20:02 | 20:15 | 20:20 | 0:17 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | |
| 8-Jul | 144 | 2 | 8:20 | 8:23 | 8:38 | 8:56 | 0:27 | 10 | 0 | 10 | 7 | 0 | 7 | 0 | |
| 8-Jul | 145 | 4 | 9:00 | 9:03 | 9:18 | 9:24 | 0:21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 8-Jul | 146 | 2 | 19:25 | 19:29 | 19:46 | 19:58 | 0:27 | 13 | 0 | 13 | 1 | 3 | 4 | 0 | |
| 8-Jul | 147 | 4 | 20:05 | 20:09 | 20:24 | 20:36 | 0:25 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | |
| 9-Jul | 148 | 2 | 7:16 | 7:20 | 7:40 | 7:58 | 0:33 | 7 | 0 | 7 | 0 | 7 | 7 | 0 | |
| 9-Jul | 149 | 4 | 8:03 | 8:06 | 8:22 | 8:28 | 0:22 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | |
| 9-Jul | 150 | 2 | 19:14 | 19:17 | 19:33 | 19:43 | 0:24 | 4 | 0 | 4 | 0 | 4 | 4 | 2 ^{b,c} | |
| 9-Jul | 151 | 4 | 19:52 | 19:55 | 20:12 | 20:20 | 0:24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 10-Jul | 152 | 2 | 7:34 | 7:38 | 7:54 | 8:06 | 0:26 | 6 | 0 | 6 | 1 | 3 | 4 | 0 | |

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| Date | Drift No. | Site No. | Fishing Time | | | | | Chinook Salmon | | | Summer Chum Salmon | | | Other | |
|--------|-----------|----------|-----------------------------|--------------|--------------|-------------|--------------------------------|----------------|---------------|-------------|--------------------|---------------|-------------|----------------|--|
| | | | (A) | (B) | (C) | (D) | (E) | Total Kept | Total Release | Total Catch | Total Kept | Total Release | Total Catch | Total Catch | |
| | | | Start Net Out | Net Full Out | Start Net In | Net Full In | Mean Fishing Time ^a | | | | | | | | |
| 10-Jul | 153 | 4 | 8:14 | 8:17 | 8:32 | 8:40 | 0:22 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 10-Jul | 154 | 2 | 19:21 | 19:24 | 19:39 | 19:46 | 0:21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 10-Jul | 155 | 4 | 19:51 | 19:53 | 20:08 | 20:14 | 0:20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 11-Jul | 156 | 2 | no fishing due to dense fog | | | | | | | | | | | | |
| 11-Jul | 157 | 4 | no fishing due to dense fog | | | | | | | | | | | | |
| 11-Jul | 158 | 2 | 19:12 | 19:14 | 19:33 | 19:38 | 0:23 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | |
| 11-Jul | 159 | 4 | 19:44 | 19:46 | 20:06 | 20:11 | 0:24 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | |
| 12-Jul | 160 | 2 | 7:30 | 7:33 | 7:52 | 7:58 | 0:25 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | |
| 12-Jul | 161 | 4 | 8:05 | 8:08 | 8:28 | 8:36 | 0:27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 12-Jul | 162 | 2 | 17:16 | 17:19 | 17:38 | 17:45 | 0:25 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | |
| 12-Jul | 163 | 4 | 17:50 | 17:53 | 18:12 | 18:19 | 0:25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 13-Jul | 164 | 2 | 7:28 | 7:31 | 7:50 | 7:58 | 0:26 | 3 | 0 | 3 | 1 | 1 | 2 | 0 | |
| 13-Jul | 165 | 4 | 8:03 | 8:06 | 8:26 | 8:33 | 0:26 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | |
| 13-Jul | 166 | 2 | 19:36 | 19:38 | 19:58 | 20:08 | 0:27 | 5 | 1 | 6 | 0 | 7 | 7 | 0 | |
| 13-Jul | 167 | 4 | 20:13 | 20:15 | 20:35 | 20:40 | 0:24 | 0 | 0 | 0 | 0 | 0 | 0 | 1 ^c | |
| 14-Jul | 168 | 2 | 7:23 | 7:25 | 7:43 | 7:54 | 0:25 | 3 | 1 | 4 | 0 | 10 | 10 | 0 | |
| 14-Jul | 169 | 4 | 8:01 | 8:04 | 8:23 | 8:33 | 0:27 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | |
| 14-Jul | 170 | 2 | 17:12 | 17:15 | 17:34 | 17:39 | 0:24 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | |
| 14-Jul | 171 | 4 | 17:44 | 17:47 | 18:06 | 18:11 | 0:24 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | |
| 15-Jul | 172 | 2 | 7:26 | 7:29 | 7:49 | 7:57 | 0:27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 15-Jul | 173 | 4 | 8:06 | 8:09 | 8:29 | 8:38 | 0:27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 15-Jul | 174 | 2 | 19:30 | 19:34 | 19:54 | 20:06 | 0:30 | 10 | 0 | 10 | 0 | 2 | 2 | 0 | |

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| Date | Drift No. | Site No. | Fishing Time | | | | | Catch | | | | | | |
|--------|-----------|----------|---------------|--------------|--------------|-------------|--------------------------------|----------------|---------------|-------------|--------------------|---------------|-------------|----------------|
| | | | (A) | (B) | (C) | (D) | (E) | Chinook Salmon | | | Summer Chum Salmon | | | Other |
| | | | Start Net Out | Net Full Out | Start Net In | Net Full In | Mean Fishing Time ^a | Total Kept | Total Release | Total Catch | Total Kept | Total Release | Total Catch | Total Catch |
| 15-Jul | 175 | 4 | 20:12 | 20:15 | 20:35 | 20:42 | 0:26 | 0 | 0 | 0 | 3 | 0 | 3 | 0 |
| 16-Jul | 176 | 2 | 7:25 | 7:27 | 7:46 | 7:54 | 0:25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16-Jul | 177 | 4 | 8:02 | 8:05 | 8:25 | 8:37 | 0:29 | 0 | 0 | 0 | 1 | 1 | 2 | 0 |
| 16-Jul | 178 | 2 | 17:20 | 17:22 | 17:41 | 17:45 | 0:23 | 0 | 0 | 0 | 0 | 0 | 0 | 2 ^c |
| 16-Jul | 179 | 4 | 17:57 | 18:00 | 18:20 | 18:29 | 0:27 | 0 | 0 | 0 | 0 | 0 | 0 | 1 ^b |
| 17-Jul | 180 | 2 | 7:43 | 7:46 | 8:05 | 8:13 | 0:26 | 2 | 0 | 2 | 1 | 0 | 1 | 0 |
| 17-Jul | 181 | 4 | 8:23 | 8:25 | 8:45 | 8:59 | 0:29 | 0 | 0 | 0 | 0 | 2 | 2 | 0 |
| Totals | | | | | | | 0:20 | 476 | 8 | 484 | 185 | 49 | 234 | 0 |

^a Mean Fishing Time (E) = (C-B) + [(B-A) + (D-C)]/2

^b shee fish

^c pink salmon

Appendix A 2. Weather, fishing conditions, and location of salmon caught in drift gillnet, Chinook salmon Mountain Village drift test fish log, Mountain Village, Alaska, June 2 - July 17, 2010.

| Date | Time of day | Air Temp (°F) | Wind (direction-velocity mph) | sky cover (%) | Precip | Water Cond | Horizontal location of Chinook salmon caught in net (inshore,midnet,offshore) | Vertical location of Chinook salmon caught in net (cork, middle, leadline) |
|--------|-------------|---------------|-------------------------------|---------------|--------------|----------------|---|--|
| 2-Jun | pm | na | N-20 | 80 | none | choppy | none caught | none caught |
| 3-Jun | am | 35 | N-15 | 80 | none | choppy | none caught | none caught |
| 3-Jun | pm | 45 | N-20 | 0 | none | choppy | none caught | none caught |
| 4-Jun | am | 28 | N-15 | 10 | none | calm | none caught | none caught |
| 4-Jun | pm | 45 | N-15 | 10 | none | choppy | none caught | none caught |
| 5-Jun | am | 35 | N-15 | 100 | none | choppy | none caught | none caught |
| 5-Jun | pm | 40 | W-10 | 100 | none | calm | none caught | none caught |
| 6-Jun | am | 35 | NW-10 | 40 | none | calm | none caught | none caught |
| 6-Jun | pm | 60 | calm | 20 | none | calm | none caught | none caught |
| 7-Jun | am | 40 | N-10 | 10 | none | calm | none caught | none caught |
| 7-Jun | pm | 50 | NW-15 | 100 | intermittent | calm | none caught | none caught |
| 8-Jun | am | 40 | N-15 | 50 | drizzle | choppy | none caught | none caught |
| 8-Jun | pm | 55 | NW-15 | 100 | none | choppy | none caught | none caught |
| 9-Jun | am | 40 | W-5 | 100 | none | calm | none caught | none caught |
| 9-Jun | pm | 55 | W-20 | 40 | none | rough | none caught | none caught |
| 10-Jun | am | 40 | W-10 | 100 | drizzle | choppy | none caught | none caught |
| 10-Jun | pm | 60 | W-20 | 5 | none | choppy | none caught | none caught |
| 11-Jun | am | 40 | N-5 | 100 | none | calm w ripples | none caught | none caught |
| 11-Jun | pm | na | W-10 | 100 | none | calm | none caught | none caught |

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| Date | Time of day | Air Temp (°F) | Wind (direction-velocity mph) | sky cover (%) | Precip | Water Cond | Horizontal location of Chinook salmon caught in net (inshore,midnet,offshore) | Vertical location of Chinook salmon caught in net (cork, middle, leadline) |
|--------|-------------|---------------|-------------------------------|---------------|--------------|----------------|---|--|
| 12-Jun | am | na | W-5 | 100 | none | calm w ripples | none caught | none caught |
| 12-Jun | pm | na | W-10 | 100 | none | choppy | none caught | none caught |
| 13-Jun | am | 43 | S-5 | 100 | none | calm | none caught | none caught |
| 13-Jun | pm | 60 | S-30 | 100 | rain | rough | none caught | none caught |
| 14-Jun | am | 45 | SE-25 | 100 | rain | rough | midnet | middle |
| 14-Jun | pm | 45 | S-20 | 100 | rain | choppy | inshore, midnet | middle |
| 15-Jun | am | 44 | S-25 | 100 | rain | rough | offshore | middle |
| 15-Jun | pm | 45 | S-20 | 100 | rain | choppy | inshore | middle, leadline |
| 16-Jun | am | 44 | SE-20 | 100 | intermittent | choppy | na | na |
| 16-Jun | pm | 43 | SE-20 | 100 | intermittent | rough | offshore | middle |
| 17-Jun | am | 41 | SE-25 | 100 | rain | rough | na | na |
| 17-Jun | pm | 44 | S-25 | 100 | scattered | rough | inshore, midnet, offshore | middle, leadline |
| 18-Jun | am | 43 | SE-20 | 100 | scattered | choppy | inshore,midnet | middle, leadline |
| 18-Jun | pm | 45 | SE-12 | 95 | scattered | na | inshore,midnet | corkline, middle |
| 19-Jun | am | 42 | SE-10 | 95 | scattered | na | inshore | corkline |

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| Date | Time of day | Air Temp (°F) | Wind (direction-velocity mph) | sky cover (%) | Precip | Water Cond | Horizontal location of Chinook salmon caught in net (inshore,midnet,offshore) | Vertical location of Chinook salmon caught in net (cork, middle, leadline) |
|--------|-------------|---------------|-------------------------------|---------------|--------------|---------------|---|--|
| 19-Jun | pm | 45 | S-10 | 90 | scattered | na | inshore, midnet, offshore | corkline, middle, leadline |
| 20-Jun | am | 45 | SE-10 | 100 | rain | na | inshore, midnet, offshore | middle, leadline |
| 20-Jun | pm | 48 | S-5 | 65 | none | calm | na | na |
| 21-Jun | am | 45 | NE-10 | 30 | none | na | inshore, midnet | middle |
| 21-Jun | pm | 55 | E | 25 | none | na | na | na |
| 22-Jun | am | na | NE-10 | 90 | none | na | inshore, midnet | corkline, leadline |
| 22-Jun | pm | 55 | SW-17 | 20 | none | choppy little | midnet | middle, leadline |
| 23-Jun | am | 50 | SW-5 | 90 | none | wavy | inshore,midnet | middle, leadline |
| 23-Jun | pm | 50 | SW-12 | 50 | none | rough | inshore,midnet,offshore | middle, leadline |
| 24-Jun | am | 45 | SW-5 | 95 | rain | na | inshore, midnet | middle, leadline |
| 24-Jun | pm | 50 | SW-5 | 90 | intermittent | na | na | na |
| 25-Jun | am | 45 | W-5 | 90 | none | na | inshore,midnet,offshore | corkline,middle,leadline |
| 25-Jun | pm | 60 | W-20 | 5 | none | rough | midnet | middle |
| 26-Jun | am | 50 | W-5 | 85 | none | calm | inshore | corkline |
| 26-Jun | pm | 55 | SW=15 | 40 | none | choppy | inshore | corkline,middle,leadline |
| 27-Jun | am | 50 | W-5 | 100 | rain | calm | inshore | corkline |
| 27-Jun | pm | 55 | W-15 | 95 | none | rough | inshore | corkline, middle |
| 28-Jun | am | 45 | W-3 | 95 | none | calm | inshore,midnet | corkline,middle,leadline |

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| Date | Time of day | Air Temp (°F) | Wind (direction-velocity mph) | sky cover (%) | Precip | Water Cond | Horizontal location of Chinook salmon caught in net (inshore,midnet,offshore) | Verticle location of Chinook salmon caught in net (cork, middle, leadline) |
|--------|-------------|---------------|-------------------------------|---------------|--------------|----------------|---|--|
| 29-Jun | am | 50 | NE-5 | 70 | none | calm | inshore | corkline,middle |
| 29-Jun | pm | 60 | SW-8 | 95 | none | calm w ripples | midnet | corkline,leadline |
| 30-Jun | am | 50 | SW-5 | 98 | none | calm | midnet | middle,leadline |
| 30-Jun | pm | 65 | W-20 | 80 | none | calm | midnet | leadline |
| 1-Jul | am | 50 | SW-5 | 70 | none | calm | midnet | leadline |
| 1-Jul | pm | 65 | NW-5 | 80 | none | calm | midnet,offshore | middle,leadline |
| 2-Jul | am | 50 | SE-5 | 99 | none | calm | midnet | leadline |
| 2-Jul | pm | 65 | SW-5 | 75 | none | calm | midnet | middle,leadline |
| 3-Jul | am | 50 | SW-5 | 95 | scattered | calm | na | leadline |
| 3-Jul | pm | 60 | SW-5 | 95 | scattered | calm | na | na |
| 4-Jul | am | 50 | SW-8 | 100 | rain | calm | midnet | leadline |
| 4-Jul | pm | 60 | S-15 | 100 | rain | na | na | na |
| 5-Jul | am | 50 | SW-15 | 100 | rain | rough | none caught | none caught |
| 5-Jul | pm | 60 | S-10 | 100 | scattered | na | none caught | none caught |
| 6-Jul | am | 50 | SE-15 | 90 | scattered | na | middle | leadline |
| 6-Jul | pm | 55 | SE-10 | 95 | intermittent | rough | none caught | none caught |
| 7-Jul | am | 50 | SW-5 | 70 | none | calm | midnet | leadline |
| 7-Jul | pm | 65 | W-5 | 50 | none | calm | midnet | leadline |

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| Date | Time of day | Air Temp (° F) | Wind (direction-velocity mph) | sky cover (%) | Precip | Water Cond | Horizontal location of Chinook salmon caught in net (inshore,midnet,offshore) | Vertical location of Chinook salmon caught in net (cork, middle, leadline) |
|--------|-------------|----------------|-------------------------------|---------------|--------|----------------|---|--|
| 8-Jul | am | na | calm | 3 | none | calm | inshore,midnet,offshore | corkline,leadline |
| 8-Jul | pm | na | NW-2 | 5 | none | calm | inshore,midnet,offshore | leadline |
| 9-Jul | am | na | SE-5 | 10 | none | calm | midnet | leadline |
| 9-Jul | pm | na | E-10 | 70 | none | calm w ripples | midnet | leadline |
| 10-Jul | am | na | NE-5 | 100 | none | calm | inshore,midnet | leadline |
| 10-Jul | pm | na | W-2 | 50 | none | calm | none caught | none caught |
| 11-Jul | am | | | | | | | |
| 11-Jul | pm | na | SW-15 | 5 | none | choppy | none caught | none caught |
| 12-Jul | am | na | S-5 | 100 | na | ripples | midnet,offshore | corkline,leadline |
| 12-Jul | pm | na | calm | 100 | na | calm | midnet | leadline |
| 13-Jul | am | na | calm | 100 | na | calm | midnet,offshore | leadline |
| 13-Jul | pm | na | na | na | na | na | na | na |
| 14-Jul | am | na | na | na | na | na | na | na |
| 14-Jul | pm | na | W-10 | 100 | none | choppy | none caught | none caught |
| 15-Jul | am | na | NW-2 | 100 | none | calm | none caught | none caught |
| 15-Jul | pm | na | W-3 | 50 | none | ripples | midnet | leadline |
| 16-Jul | am | na | SW-5 | 100 | none | choppy | none caught | none caught |
| 16-Jul | pm | 65 | SW-15 | 5 | none | rough | none caught | none caught |
| 17-Jul | am | na | SW-15 | 100 | na | rough | midnet | leadline |

Appendix A 3. Ages, sex, length and associated data information of Chinook salmon captured in the Mountain Village test fishery, Yukon River, 2010.

| Date | Scale Card | Fish number | Sex | MEF a length (mm) | Age | Scale Comment | Genetic vial # |
|-----------|------------|-------------|-----|-------------------|-----|---------------|----------------|
| 6/14/2010 | 001 | 1 | M | 705 | 1.3 | | 1 |
| 6/14/2010 | 002 | 1 | M | 910 | 1.4 | | 2 |
| 6/14/2010 | 002 | 2 | M | 725 | 1.3 | | 3 |
| 6/14/2010 | 002 | 3 | F | 760 | 1.4 | | 4 |
| 6/14/2010 | 002 | 4 | M | 770 | 1.3 | | 5 |
| 6/14/2010 | 002 | 5 | M | 720 | 1.3 | | 6 |
| 6/15/2010 | 003 | 1 | M | 725 | 1.3 | | 7 |
| 6/15/2010 | 004 | 1 | M | 750 | 1.3 | | 8 |
| 6/15/2010 | 004 | 2 | M | 740 | | regenerated | 9 |
| 6/16/2010 | 005 | 1 | M | 750 | 1.3 | | 10 |
| 6/16/2010 | 005 | 2 | F | 850 | 2.5 | | 11 |
| 6/16/2010 | 005 | 3 | M | 685 | 1.3 | | 12 |
| 6/16/2010 | 005 | 4 | M | 775 | 1.3 | | 13 |
| 6/16/2010 | 005 | 5 | M | 740 | 1.3 | | 14 |
| 6/16/2010 | 005 | 6 | M | 750 | 1.3 | | 15 |
| 6/16/2010 | 005 | 7 | M | 755 | 1.3 | | 16 |
| 6/16/2010 | 005 | 8 | M | 700 | 1.3 | | 17 |
| 6/16/2010 | 005 | 9 | F | 760 | 1.3 | | 18 |
| 6/16/2010 | 005 | 10 | M | 725 | 1.3 | | 19 |
| 6/16/2010 | 006 | 1 | F | 860 | 1.3 | | 20 |
| 6/16/2010 | 006 | 2 | M | 710 | | regenerated | 21 |
| 6/16/2010 | 006 | 3 | M | 710 | 1.3 | | 22 |
| 6/16/2010 | 006 | 4 | M | 730 | 1.3 | | 23 |
| 6/16/2010 | 006 | 5 | M | 540 | 1.2 | | 24 |
| 6/16/2010 | 006 | 6 | F | 795 | 1.3 | | 25 |
| 6/16/2010 | 006 | 7 | M | 770 | 1.3 | | 26 |
| 6/16/2010 | 006 | 8 | M | 820 | 1.4 | | 27 |
| 6/16/2010 | 006 | 9 | M | 725 | 1.3 | | 28 |
| 6/16/2010 | 006 | 10 | F | 875 | 1.4 | | 29 |
| 6/16/2010 | 007 | 1 | M | 770 | 1.3 | | 30 |
| 6/17/2010 | 008 | 1 | M | 740 | 1.3 | | 31 |
| 6/17/2010 | 008 | 2 | M | 810 | 1.3 | | 32 |
| 6/17/2010 | 008 | 3 | M | 795 | 1.3 | | 33 |
| 6/17/2010 | 008 | 4 | M | 770 | 1.2 | | 34 |
| 6/17/2010 | 008 | 5 | F | 840 | 1.3 | | 35 |
| 6/17/2010 | 008 | 6 | M | 700 | | regenerated | 36 |

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| Date | Scale Card | Fish number | Sex | MEF a length (mm) | Age | Scale Comment | Genetic vial # |
|-----------|------------|-------------|-----|-------------------|-----|---------------|----------------|
| 6/17/2010 | 009 | 1 | M | 710 | 1.3 | | 37 |
| 6/17/2010 | 009 | 2 | F | 845 | 1.4 | | 38 |
| 6/17/2010 | 009 | 3 | M | 660 | 1.3 | | 39 |
| 6/17/2010 | 009 | 4 | F | 865 | 1.4 | | 40 |
| 6/17/2010 | 009 | 5 | M | 790 | 1.3 | | 41 |
| 6/17/2010 | 009 | 6 | M | 775 | 1.3 | | 42 |
| 6/17/2010 | 009 | 7 | M | 710 | 1.3 | | 43 |
| 6/17/2010 | 009 | 8 | M | 720 | 1.3 | | 44 |
| 6/17/2010 | 009 | 9 | M | 730 | 1.3 | | 45 |
| 6/17/2010 | 009 | 10 | F | 810 | 1.4 | | 46 |
| 6/17/2010 | 010 | 1 | M | 750 | 1.4 | | 47 |
| 6/17/2010 | 010 | 2 | M | 770 | 1.3 | | 48 |
| 6/17/2010 | 010 | 3 | M | 770 | 1.3 | | 49 |
| 6/17/2010 | 010 | 4 | M | 805 | 1.3 | | 50 |
| 6/17/2010 | 010 | 5 | M | 720 | 1.3 | | 51 |
| 6/17/2010 | 010 | 6 | M | 760 | | regenerated | 52 |
| 6/17/2010 | 010 | 7 | M | 735 | 1.3 | | 53 |
| 6/18/2010 | 011 | 1 | F | 740 | 1.3 | | 54 |
| 6/18/2010 | 011 | 2 | M | 760 | | regenerated | 55 |
| 6/18/2010 | 011 | 3 | M | 825 | 1.3 | | 56 |
| 6/18/2010 | 011 | 4 | M | 680 | 1.3 | | 57 |
| 6/18/2010 | 011 | 5 | M | 755 | 1.3 | | 58 |
| 6/18/2010 | 011 | 6 | M | 785 | 1.3 | | 59 |
| 6/18/2010 | 011 | 7 | M | 810 | 1.4 | | 60 |
| 6/18/2010 | 011 | 8 | F | 945 | 2.4 | | 61 |
| 6/18/2010 | 011 | 9 | M | 710 | 1.3 | | 62 |
| 6/18/2010 | 011 | 10 | M | 720 | 1.3 | | 63 |
| 6/18/2010 | 012 | 1 | M | 740 | 1.3 | | 64 |
| 6/18/2010 | 013 | 1 | M | 785 | 1.3 | | 65 |
| 6/18/2010 | 013 | 2 | M | 715 | 1.3 | | 66 |
| 6/18/2010 | 013 | 3 | M | 700 | 1.3 | | 67 |
| 6/18/2010 | 013 | 4 | M | 685 | 1.3 | | 68 |
| 6/18/2010 | 013 | 5 | M | 760 | 1.3 | | 69 |
| 6/18/2010 | 013 | 6 | M | 695 | 1.3 | | 70 |
| 6/18/2010 | 013 | 7 | M | 700 | 1.3 | | 71 |
| 6/18/2010 | 013 | 8 | M | 780 | | regenerated | 72 |

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| Date | Scale Card | Fish number | Sex | MEF a length (mm) | Age | Scale Comment | Genetic vial # |
|-----------|------------|-------------|-----|-------------------|-----|---------------|----------------|
| 6/19/2010 | 014 | 1 | M | 780 | 1.3 | | 73 |
| 6/19/2010 | 014 | 2 | F | 850 | 1.4 | | 74 |
| 6/19/2010 | 014 | 3 | M | 730 | | regenerated | 75 |
| 6/19/2010 | 014 | 4 | F | 845 | 1.3 | | 76 |
| 6/19/2010 | 014 | 5 | M | 700 | 1.3 | | 77 |
| 6/19/2010 | 014 | 6 | F | 860 | 1.4 | | 78 |
| 6/19/2010 | 014 | 7 | M | 830 | 0.4 | regenerated | 79 b |
| 6/19/2010 | 014 | 8 | M | 730 | 1.4 | | 80 |
| 6/19/2010 | 014 | 9 | F | 805 | 1.4 | | 81 |
| 6/19/2010 | 014 | 10 | M | 820 | 1.4 | | 82 |
| 6/19/2010 | 015 | 1 | F | 855 | 1.3 | | 83 |
| 6/19/2010 | 015 | 2 | F | 810 | 1.4 | | 84 |
| 6/19/2010 | 016 | 1 | M | 850 | 1.4 | | 85 |
| 6/19/2010 | 016 | 2 | F | 855 | 1.3 | | 86 |
| 6/19/2010 | 016 | 3 | F | 905 | 1.4 | | 87 |
| 6/19/2010 | 016 | 4 | F | 890 | 1.5 | | 88 |
| 6/19/2010 | 016 | 5 | F | 845 | 1.4 | | 89 |
| 6/19/2010 | 016 | 6 | F | 890 | 1.4 | | 90 |
| 6/19/2010 | 016 | 7 | M | 800 | 1.3 | | 91 |
| 6/19/2010 | 016 | 8 | M | 865 | 1.4 | | 92 |
| 6/19/2010 | 016 | 9 | M | 715 | 1.3 | | 93 |
| 6/19/2010 | 016 | 10 | M | 740 | 1.3 | | 94 |
| 6/19/2010 | 017 | 1 | M | 710 | | regenerated | 95 |
| 6/19/2010 | 017 | 2 | M | 730 | 1.3 | | 96 |
| 6/19/2010 | 017 | 3 | F | 830 | | regenerated | 97 |
| 6/19/2010 | 017 | 4 | F | 805 | 1.4 | | 98 |
| 6/19/2010 | 017 | 5 | M | 775 | 1.4 | | 99 |
| 6/19/2010 | 017 | 6 | M | 890 | | regenerated | 100 |
| 6/19/2010 | 017 | 7 | M | 735 | 1.3 | | 101 |
| 6/19/2010 | 017 | 8 | M | 790 | 1.4 | | 102 |
| 6/19/2010 | 017 | 9 | M | 690 | 1.3 | | 103 |
| 6/19/2010 | 017 | 10 | F | 665 | 1.3 | | 104 |
| 6/19/2010 | 018 | 1 | M | 520 | 1.2 | | 105 |
| 6/19/2010 | 018 | 2 | F | 760 | 1.3 | | 106 |
| 6/19/2010 | 018 | 3 | M | 740 | | regenerated | 107 |
| 6/19/2010 | 018 | 4 | M | 745 | 1.3 | | 108 |
| 6/19/2010 | 018 | 5 | M | 680 | 2.3 | | 109 |

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| Date | Scale Card | Fish number | Sex | MEF a length (mm) | Age | Scale Comment | Genetic vial # |
|-----------|------------|-------------|-----|-------------------|-----|---------------|----------------|
| 6/20/2010 | 019 | 1 | M | 790 | 1.3 | | 110 |
| 6/20/2010 | 019 | 2 | M | 755 | 1.3 | | 111 |
| 6/20/2010 | 019 | 3 | F | 730 | 1.3 | | 112 |
| 6/20/2010 | 019 | 4 | F | 830 | | regenerated | 113 |
| 6/20/2010 | 019 | 5 | M | 755 | 1.3 | | 114 |
| 6/20/2010 | 019 | 6 | F | 870 | 1.4 | | 115 |
| 6/20/2010 | 019 | 7 | M | 990 | 1.4 | | 116 |
| 6/20/2010 | 019 | 8 | M | 695 | 1.3 | | 117 |
| 6/20/2010 | 019 | 9 | M | 830 | 1.4 | | 118 |
| 6/20/2010 | 019 | 10 | F | 760 | 1.3 | | 119 |
| 6/20/2010 | 020 | 1 | M | 755 | 1.3 | | 120 |
| 6/20/2010 | 020 | 2 | M | 700 | 1.3 | | 121 |
| 6/20/2010 | 020 | 3 | M | 785 | 1.3 | | 122 |
| 6/20/2010 | 020 | 4 | F | 730 | | regenerated | 123 |
| 6/20/2010 | 020 | 5 | F | 785 | 1.3 | | 124 |
| 6/20/2010 | 020 | 6 | F | 840 | 1.4 | | 125 |
| 6/20/2010 | 020 | 7 | M | 725 | | regenerated | 126 |
| 6/20/2010 | 020 | 8 | F | 800 | 1.3 | | 127 |
| 6/20/2010 | 020 | 9 | M | 770 | 1.3 | | 128 |
| 6/20/2010 | 020 | 10 | M | 750 | 1.3 | | 129 |
| 6/20/2010 | 021 | 1 | M | 765 | | regenerated | 130 |
| 6/20/2010 | 021 | 2 | F | 780 | 1.3 | | 131 |
| 6/20/2010 | 021 | 3 | F | 840 | 1.4 | | 132 |
| 6/20/2010 | 021 | 4 | M | 960 | 1.4 | | 133 |
| 6/20/2010 | 021 | 5 | M | 770 | 1.3 | | 134 |
| 6/20/2010 | 021 | 6 | M | 695 | 1.3 | | 135 |
| 6/21/2010 | 022 | 1 | M | 890 | | regenerated | 136 |
| 6/21/2010 | 022 | 2 | F | 840 | 1.4 | | 137 |
| 6/21/2010 | 022 | 3 | F | 740 | 1.4 | | 138 |
| 6/22/2010 | 023 | 1 | M | 820 | 1.3 | | 139 |
| 6/22/2010 | 023 | 2 | F | 870 | 1.4 | | 140 |
| 6/22/2010 | 023 | 3 | F | 815 | 1.4 | | 141 |
| 6/22/2010 | 023 | 4 | F | 800 | 1.3 | | 142 |
| 6/22/2010 | 023 | 5 | M | 730 | 1.3 | | 143 |

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| Date | Scale Card | Fish number | Sex | MEF a length (mm) | Age | Scale Comment | Genetic vial # |
|-----------|---------------|----------------|-----|-------------------------|-----|------------------|-------------------|
| 6/22/2010 | 023 | 6 | M | 730 | 1.3 | | 144 |
| 6/22/2010 | 023 | 7 | M | 670 | 1.3 | | 145 |
| 6/22/2010 | 023 | 8 | M | 695 | 1.3 | | 146 |
| 6/22/2010 | 023 | 9 | M | 810 | 1.3 | | 147 |
| 6/22/2010 | 023 | 10 | M | 800 | 1.4 | | 148 |
| 6/22/2010 | 024 | 1 | F | 805 | 0.4 | | 149 c |
| 6/22/2010 | 024 | 2 | F | 785 | 1.3 | | 150 |
| 6/22/2010 | 024 | 3 | M | 805 | 1.4 | | 151 |
| 6/22/2010 | 025 | 1 | F | 810 | 1.3 | | 152 |
| 6/23/2010 | 026 | 1 | F | 890 | 1.4 | | 153 |
| 6/23/2010 | 026 | 2 | M | 790 | 1.3 | | 154 |
| 6/23/2010 | 026 | 3 | M | 745 | 1.3 | | 155 |
| 6/23/2010 | 026 | 4 | F | 710 | 1.3 | | 156 |
| 6/23/2010 | 026 | 5 | M | 700 | 1.3 | | 157 |
| 6/23/2010 | 026 | 6 | M | 570 | 1.2 | | 158 |
| 6/23/2010 | 026 | 7 | F | 825 | 1.4 | | 159 |
| 6/23/2010 | 026 | 8 | F | 765 | 1.3 | | 160 |
| 6/23/2010 | 027 | 1 | M | 770 | 1.4 | | 161 |
| 6/23/2010 | 027 | 2 | F | 845 | 1.3 | | 162 |
| 6/23/2010 | 027 | 3 | M | 655 | 1.3 | | 163 |
| 6/23/2010 | 027 | 4 | M | 720 | 1.3 | | 164 |
| 6/23/2010 | 027 | 5 | M | 730 | 1.3 | | 165 |
| 6/23/2010 | 027 | 6 | M | 770 | 1.3 | | 166 |
| 6/23/2010 | 027 | 7 | F | 820 | 1.4 | | 167 |
| 6/23/2010 | 027 | 8 | F | 880 | 1.3 | | 168 |
| 6/23/2010 | 027 | 9 | M | 765 | 1.3 | | 169 |
| 6/23/2010 | 027 | 10 | M | 695 | 1.3 | | 170 |
| 6/23/2010 | 028 | 1 | F | 830 | 1.4 | | 171 |
| 6/23/2010 | 028 | 2 | M | 760 | 1.3 | | 172 |
| 6/23/2010 | 028 | 3 | M | 680 | 1.3 | | 173 |
| 6/23/2010 | 028 | 4 | M | 720 | 1.3 | | 174 |
| 6/23/2010 | 028 | 5 | F | 845 | 1.3 | | 175 |
| 6/23/2010 | 028 | 6 | M | 720 | 1.3 | | 176 |
| 6/23/2010 | 028 | 7 | M | 770 | | regenerated | 177 |

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| Date | Scale Card | Fish number | Sex | MEF a length (mm) | Age | Scale Comment | Genetic vial # |
|-----------|------------|-------------|-----|-------------------|-----|---------------|----------------|
| 6/24/2010 | 029 | 1 | F | 840 | 1.3 | | 178 |
| 6/24/2010 | 029 | 2 | F | 800 | 1.4 | | 179 |
| 6/24/2010 | 029 | 3 | F | 820 | | regenerated | 180 |
| 6/24/2010 | 029 | 4 | M | 785 | 1.3 | | 181 |
| 6/24/2010 | 029 | 5 | M | 690 | 1.3 | | 182 |
| 6/24/2010 | 029 | 6 | M | 850 | 1.4 | | 183 |
| 6/24/2010 | 029 | 7 | M | 800 | | regenerated | 184 |
| 6/24/2010 | 029 | 8 | M | 675 | | regenerated | 185 |
| 6/24/2010 | 029 | 9 | M | 540 | 1.2 | | 186 |
| 6/24/2010 | 030 | 1 | M | 720 | 1.3 | | 187 |
| 6/25/2010 | 031 | 1 | M | 680 | 1.3 | | 188 |
| 6/25/2010 | 031 | 2 | F | 815 | 1.4 | | 189 |
| 6/25/2010 | 031 | 3 | M | 780 | 1.3 | | 190 |
| 6/25/2010 | 032 | 1 | F | 825 | 1.4 | | 191 |
| 6/25/2010 | 032 | 2 | M | 750 | 1.3 | | 192 |
| 6/25/2010 | 032 | 3 | M | 750 | 1.3 | | 193 |
| 6/25/2010 | 032 | 4 | F | 760 | 1.3 | | 194 |
| 6/25/2010 | 032 | 5 | M | 735 | 1.3 | | 195 |
| 6/26/2010 | 033 | 1 | M | 770 | 1.3 | | 196 |
| 6/26/2010 | 033 | 2 | M | 850 | 1.4 | | 197 |
| 6/26/2010 | 033 | 3 | M | 825 | | regenerated | 198 |
| 6/26/2010 | 033 | 4 | M | 690 | 1.3 | | 199 |
| 6/26/2010 | 033 | 5 | F | 855 | 1.4 | | 200 |
| 6/26/2010 | 033 | 6 | M | 760 | 1.4 | | 201 |
| 6/26/2010 | 033 | 7 | M | 840 | 1.3 | | 202 |
| 6/26/2010 | 033 | 8 | F | 905 | | regenerated | 203 |
| 6/26/2010 | 033 | 9 | F | 780 | | regenerated | 204 |
| 6/26/2010 | 033 | 10 | M | 765 | 1.3 | | 205 |
| 6/26/2010 | 034 | 1 | F | 725 | | regenerated | 206 |
| 6/26/2010 | 034 | 2 | F | 920 | 1.4 | | 207 |
| 6/26/2010 | 034 | 3 | F | 845 | | regenerated | 208 |
| 6/26/2010 | 034 | 4 | M | 780 | 1.3 | | 209 |
| 6/26/2010 | 034 | 5 | M | 750 | 1.3 | | 210 |

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| Date | Scale Card | Fish number | Sex | MEF a length (mm) | Age | Scale Comment | Genetic vial # |
|-----------|---------------|----------------|-----|-------------------------|-----|------------------|-------------------|
| 6/26/2010 | 034 | 6 | F | 835 | | regenerated | 211 |
| 6/26/2010 | 034 | 7 | F | 810 | 1.4 | | 212 |
| 6/26/2010 | 034 | 8 | F | 785 | 1.3 | | 213 |
| 6/26/2010 | 034 | 9 | M | 790 | 1.3 | | 214 |
| 6/26/2010 | 034 | 10 | F | 860 | 1.4 | | 215 |
| 6/26/2010 | 035 | 1 | M | 930 | 1.4 | | 216 |
| 6/26/2010 | 035 | 2 | M | 720 | 1.3 | | 217 |
| 6/26/2010 | 035 | 3 | F | 810 | 1.3 | | 218 |
| 6/26/2010 | 035 | 4 | M | 840 | 1.3 | | 219 |
| 6/26/2010 | 035 | 5 | M | 775 | 2.3 | | 220 |
| 6/26/2010 | 035 | 6 | M | 610 | 1.2 | | 221 |
| 6/26/2010 | 035 | 7 | F | 860 | 1.4 | | 222 |
| 6/26/2010 | 035 | 8 | F | 835 | 1.4 | | 223 |
| 6/26/2010 | 035 | 9 | M | 750 | 2.3 | | 224 |
| 6/26/2010 | 035 | 10 | M | 885 | 1.3 | | 225 |
| 6/26/2010 | 036 | 1 | F | 830 | | regenerated | 226 |
| 6/26/2010 | 036 | 2 | M | 735 | 1.3 | | 227 |
| 6/26/2010 | 036 | 3 | F | 870 | | regenerated | 228 |
| 6/26/2010 | 036 | 4 | M | 710 | 1.3 | | 229 |
| 6/26/2010 | 036 | 5 | F | 780 | 1.3 | | 230 |
| 6/26/2010 | 036 | 6 | M | 805 | 1.3 | | 231 |
| 6/26/2010 | 036 | 7 | F | 885 | | regenerated | 232 |
| 6/26/2010 | 036 | 8 | M | 830 | 1.3 | | 233 |
| 6/27/2010 | 037 | 1 | M | 840 | 1.3 | | 234 |
| 6/27/2010 | 037 | 2 | F | 780 | 1.3 | | 235 |
| 6/27/2010 | 037 | 3 | M | 780 | 1.3 | | 236 |
| 6/27/2010 | 037 | 4 | M | 715 | 1.3 | | 237 |
| 6/27/2010 | 037 | 5 | F | 875 | 1.4 | | 238 |
| 6/27/2010 | 037 | 6 | M | 790 | | regenerated | 239 |
| 6/27/2010 | 037 | 7 | M | 750 | | regenerated | 240 |
| 6/27/2010 | 037 | 8 | M | 750 | 1.3 | | 241 |
| 6/27/2010 | 037 | 9 | F | 805 | 1.3 | | 242 |
| 6/27/2010 | 037 | 10 | F | 825 | 1.3 | | 243 |

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| Date | Scale Card | Fish number | Sex | MEF a length (mm) | Age | Scale Comment | Genetic vial # |
|-----------|---------------|----------------|-----|-------------------------|-----|------------------|-------------------|
| 6/27/2010 | 038 | 1 | M | 725 | 1.3 | | 244 |
| 6/27/2010 | 038 | 2 | F | 730 | 1.3 | | 245 |
| 6/27/2010 | 038 | 3 | M | 735 | | regenerated | 246 |
| 6/27/2010 | 038 | 4 | F | 880 | 1.4 | | 247 |
| 6/27/2010 | 039 | 1 | M | 870 | | regenerated | 248 |
| 6/27/2010 | 039 | 2 | M | 775 | 1.3 | | 249 |
| 6/27/2010 | 039 | 3 | M | 940 | 1.4 | | 250 |
| 6/27/2010 | 039 | 4 | M | 815 | 1.4 | | 251 |
| 6/27/2010 | 039 | 5 | F | 820 | 1.3 | | 252 |
| 6/27/2010 | 039 | 6 | F | 795 | 2.4 | | 253 |
| 6/27/2010 | 039 | 7 | F | 810 | | regenerated | 254 |
| 6/27/2010 | 039 | 8 | M | 760 | 1.3 | | 255 |
| 6/27/2010 | 039 | 9 | M | 750 | 1.3 | | 256 |
| 6/27/2010 | 039 | 10 | M | 745 | 1.3 | | 257 |
| 6/27/2010 | 040 | 1 | F | 790 | 1.3 | | 258 |
| 6/27/2010 | 040 | 2 | M | 685 | 1.3 | | 259 |
| 6/28/2010 | 041 | 1 | F | 780 | 1.4 | | 260 |
| 6/28/2010 | 041 | 2 | M | 755 | 1.3 | | 261 |
| 6/28/2010 | 041 | 3 | F | 860 | 1.4 | | 262 |
| 6/28/2010 | 041 | 4 | F | 820 | 1.3 | | 263 |
| 6/28/2010 | 041 | 5 | M | 770 | 1.3 | | 264 |
| 6/28/2010 | 041 | 6 | F | 835 | 2.4 | | 265 |
| 6/28/2010 | 041 | 7 | M | 815 | 2.4 | | 266 |
| 6/28/2010 | 041 | 8 | M | 675 | 1.3 | | 267 |
| 6/28/2010 | 041 | 9 | F | 835 | 1.3 | | 268 |
| 6/28/2010 | 041 | 10 | M | 789 | 1.3 | | 269 |
| 6/28/2010 | 042 | 1 | F | 860 | 1.4 | | 270 |
| 6/28/2010 | 042 | 2 | M | 780 | 1.3 | | 271 |
| 6/28/2010 | 042 | 3 | F | 780 | 1.4 | | 272 |
| 6/28/2010 | 042 | 4 | F | 850 | | regenerated | 273 |
| 6/28/2010 | 042 | 5 | M | 730 | 1.4 | | 274 |
| 6/28/2010 | 042 | 6 | F | 740 | 1.4 | | 275 |
| 6/28/2010 | 043 | 1 | M | 790 | | regenerated | 276 |
| 6/28/2010 | 043 | 2 | F | 770 | 1.3 | | 277 |
| 6/28/2010 | 043 | 3 | F | 910 | 1.4 | | 278 |
| 6/28/2010 | 043 | 4 | M | 710 | 1.3 | | 279 |
| 6/28/2010 | 043 | 5 | F | 770 | 1.3 | | 280 |

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| Date | Scale Card | Fish number | Sex | MEF a length (mm) | Age | Scale Comment | Genetic vial # |
|-----------|---------------|----------------|-----|-------------------------|-----|------------------|-------------------|
| 6/28/2010 | 043 | 6 | F | 810 | 1.3 | | 281 |
| 6/28/2010 | 043 | 7 | F | 880 | 1.4 | | 282 |
| 6/28/2010 | 043 | 8 | M | 870 | 1.3 | | 283 |
| 6/28/2010 | 043 | 9 | M | 780 | 1.3 | | 284 |
| 6/28/2010 | 043 | 10 | M | 740 | 1.3 | | 285 |
| 6/28/2010 | 044 | 1 | M | 720 | | regenerated | 286 |
| 6/28/2010 | 044 | 2 | M | 710 | 1.4 | | 287 |
| 6/28/2010 | 044 | 3 | M | 750 | 1.3 | | 288 |
| 6/28/2010 | 044 | 4 | F | 690 | 1.3 | | 289 |
| 6/28/2010 | 044 | 5 | M | 730 | 1.3 | | 290 |
| 6/28/2010 | 044 | 6 | F | 770 | 1.4 | | 291 |
| 6/28/2010 | 044 | 7 | M | 740 | 1.3 | | 292 |
| 6/28/2010 | 044 | 8 | M | 650 | 1.3 | | 293 |
| 6/28/2010 | 044 | 9 | M | 680 | 1.3 | | 294 |
| 6/29/2010 | 045 | 1 | F | 850 | | regenerated | 295 |
| 6/29/2010 | 045 | 2 | M | 810 | 1.3 | | 296 |
| 6/29/2010 | 045 | 3 | M | 730 | 1.3 | | 297 |
| 6/29/2010 | 046 | 1 | M | 850 | 1.3 | | 298 |
| 6/29/2010 | 046 | 2 | M | 750 | 1.3 | | 299 |
| 6/29/2010 | 046 | 3 | M | 770 | 1.3 | | 300 |
| 6/29/2010 | 046 | 4 | M | 740 | 1.3 | | 301 |
| 6/29/2010 | 046 | 5 | F | 780 | 1.3 | | 302 |
| 6/29/2010 | 046 | 6 | F | 760 | 2.3 | | 303 |
| 6/29/2010 | 046 | 7 | M | 800 | 1.3 | | 304 |
| 6/29/2010 | 046 | 8 | F | 740 | 1.3 | | 305 |
| 6/29/2010 | 046 | 9 | M | 760 | 1.3 | | 306 |
| 6/29/2010 | 046 | 10 | M | 800 | 1.4 | | 307 |
| 6/30/2010 | 047 | 1 | F | 805 | 1.3 | | 308 |
| 6/30/2010 | 047 | 2 | M | 850 | 1.3 | | 309 |
| 6/30/2010 | 047 | 3 | M | 730 | 1.3 | | 310 |
| 6/30/2010 | 047 | 4 | M | 770 | | regenerated | 311 |
| 6/30/2010 | 047 | 5 | F | 865 | 1.4 | | 312 |
| 6/30/2010 | 047 | 6 | F | 825 | 1.4 | | 313 |
| 6/30/2010 | 047 | 7 | F | 505 | 1.3 | | 314 |
| 6/30/2010 | 047 | 8 | F | 895 | 1.4 | | 315 |
| 6/30/2010 | 047 | 9 | M | 835 | 1.3 | | 316 |
| 6/30/2010 | 047 | 10 | M | 750 | 1.3 | | 317 |

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| Date | Scale Card | Fish number | Sex | MEF a length (mm) | Age | Scale Comment | Genetic vial # |
|-----------|------------|-------------|-----|-------------------|-----|---------------|----------------|
| 6/30/2010 | 048 | 1 | F | 765 | 1.4 | | 318 |
| 6/30/2010 | 048 | 2 | M | 795 | 1.3 | | 319 |
| 6/30/2010 | 048 | 3 | M | 810 | 1.4 | | 320 |
| 6/30/2010 | 048 | 4 | M | 740 | 1.3 | | 321 |
| 6/30/2010 | 048 | 5 | F | 880 | 1.4 | | 322 |
| 6/30/2010 | 048 | 6 | F | 845 | 1.3 | | 323 |
| 6/30/2010 | 048 | 7 | M | 730 | | regenerated | 324 |
| 6/30/2010 | 048 | 8 | F | 780 | 1.3 | | 325 |
| 6/30/2010 | 048 | 9 | F | 745 | 1.3 | | 326 |
| 6/30/2010 | 048 | 10 | F | 825 | 1.3 | | 327 |
| 6/30/2010 | 049 | 1 | M | 795 | 1.3 | | 328 |
| 6/30/2010 | 049 | 2 | M | 770 | 1.3 | | 329 |
| 6/30/2010 | 049 | 3 | M | 545 | 1.2 | | 330 |
| 6/30/2010 | 050 | 1 | M | 775 | 1.3 | | 331 |
| 6/30/2010 | 050 | 2 | M | 705 | 1.3 | | 332 |
| 6/30/2010 | 050 | 3 | M | 795 | | regenerated | 333 |
| 6/30/2010 | 050 | 4 | M | 725 | | regenerated | 334 |
| 6/30/2010 | 050 | 5 | M | 605 | 1.2 | | 335 |
| 6/30/2010 | 050 | 6 | M | 765 | 1.3 | | 336 |
| 6/30/2010 | 050 | 7 | M | 775 | 1.3 | | 337 |
| 6/30/2010 | 050 | 8 | F | 815 | 1.4 | | 338 |
| 6/30/2010 | 050 | 9 | F | 895 | 1.4 | | 339 |
| 6/30/2010 | 050 | 10 | M | 745 | 1.3 | | 340 |
| 6/30/2010 | 051 | 1 | F | 865 | 1.3 | | 341 |
| 6/30/2010 | 051 | 2 | M | 745 | 1.3 | | 342 |
| 6/30/2010 | 051 | 3 | F | 935 | 1.4 | | 343 |
| 6/30/2010 | 051 | 4 | F | 765 | 1.3 | | 344 |
| 6/30/2010 | 051 | 5 | F | 805 | 1.3 | | 345 |
| 6/30/2010 | 051 | 6 | F | 795 | | regenerated | 346 |
| 6/30/2010 | 051 | 7 | M | 765 | 1.3 | | 347 |
| 6/30/2010 | 051 | 8 | M | 745 | 1.3 | | 348 |
| 6/30/2010 | 051 | 9 | M | 765 | 1.3 | | 349 |
| 6/30/2010 | 051 | 10 | F | 785 | 1.3 | | 350 |

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| Date | Scale Card | Fish number | Sex | MEF a length (mm) | Age | Scale Comment | Genetic vial # |
|-----------|------------|-------------|-----|-------------------|-----|---------------|----------------|
| 6/30/2010 | 052 | 1 | F | 795 | | regenerated | 351 |
| 6/30/2010 | 052 | 2 | M | 875 | 1.4 | | 352 |
| 6/30/2010 | 052 | 3 | M | 795 | 1.3 | | 353 |
| 6/30/2010 | 052 | 4 | F | 805 | | regenerated | 354 |
| 7/1/2010 | 053 | 1 | F | 795 | 1.3 | | 355 |
| 7/1/2010 | 053 | 2 | F | 895 | 1.4 | | 356 |
| 7/1/2010 | 053 | 3 | F | 845 | 1.3 | | 357 |
| 7/1/2010 | 053 | 4 | M | 705 | 1.3 | | 358 |
| 7/1/2010 | 053 | 5 | M | 745 | 1.3 | | 359 |
| 7/1/2010 | 053 | 6 | F | 745 | 1.3 | | 360 |
| 7/1/2010 | 053 | 7 | M | 775 | | regenerated | 361 |
| 7/1/2010 | 053 | 8 | F | 875 | | regenerated | 362 |
| 7/1/2010 | 053 | 9 | F | 775 | 1.3 | | 363 |
| 7/1/2010 | 053 | 10 | M | 685 | 1.3 | | 364 |
| 7/1/2010 | 054 | 1 | M | 675 | 2.3 | | 365 |
| 7/1/2010 | 055 | 1 | F | 775 | 1.3 | | 366 |
| 7/1/2010 | 055 | 2 | F | 905 | 1.4 | | 367 |
| 7/1/2010 | 055 | 3 | M | 715 | 1.3 | | 368 |
| 7/1/2010 | 055 | 4 | F | 945 | | regenerated | 369 |
| 7/1/2010 | 055 | 5 | F | 735 | 1.3 | | 370 |
| 7/2/2010 | 056 | 1 | M | 745 | 1.3 | | 371 |
| 7/2/2010 | 056 | 2 | F | 875 | 1.4 | | 372 |
| 7/2/2010 | 056 | 3 | M | 775 | 1.3 | | 373 |
| 7/2/2010 | 057 | 1 | M | 785 | 1.3 | | 374 |
| 7/2/2010 | 057 | 2 | F | 855 | 1.4 | | 375 |
| 7/2/2010 | 057 | 3 | M | 735 | 1.3 | | 376 |
| 7/2/2010 | 057 | 4 | F | 875 | 1.4 | | 377 |
| 7/2/2010 | 057 | 5 | M | 765 | 1.3 | | 378 |
| 7/2/2010 | 057 | 6 | F | 875 | 1.3 | | 379 |
| 7/2/2010 | 057 | 7 | F | 765 | 1.3 | | 380 |
| 7/3/2010 | 058 | 1 | M | 765 | 1.3 | | 381 |
| 7/3/2010 | 059 | 1 | F | 895 | 1.4 | | 382 |
| 7/3/2010 | 059 | 2 | F | 895 | 1.4 | | 383 |
| 7/3/2010 | 059 | 3 | F | 775 | | regenerated | 384 |

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| Date | Scale Card | Fish number | Sex | MEF a length (mm) | Age | Scale Comment | Genetic vial # |
|----------|---------------|----------------|-----|-------------------------|-----|------------------|-------------------|
| 7/4/2010 | 060 | 1 | F | 895 | 1.4 | | 385 |
| 7/4/2010 | 060 | 2 | M | 805 | 1.3 | | 386 |
| 7/4/2010 | 060 | 3 | M | 715 | 1.3 | | 387 |
| 7/4/2010 | 060 | 4 | F | 805 | 1.3 | | 388 |
| 7/4/2010 | 060 | 5 | M | 715 | 1.3 | | 389 |
| 7/6/2010 | 063 | 1 | F | 855 | 1.3 | | 390 |
| 7/6/2010 | 063 | 2 | M | 735 | 1.3 | | 391 |
| 7/6/2010 | 063 | 3 | F | 815 | | regenerated | 392 |
| 7/6/2010 | 063 | 4 | F | 835 | 1.3 | | 393 |
| 7/6/2010 | 063 | 5 | M | 815 | | regenerated | 394 |
| 7/7/2010 | 065 | 1 | F | 895 | 1.4 | | 395 |
| 7/7/2010 | 065 | 2 | M | 725 | 1.3 | | 396 |
| 7/7/2010 | 065 | 3 | F | 835 | 1.3 | | 397 |
| 7/7/2010 | 065 | 4 | M | 865 | 1.4 | | 398 |
| 7/7/2010 | 065 | 5 | F | 845 | 1.3 | | 399 |
| 7/7/2010 | 065 | 6 | F | 845 | 1.4 | | 400 |
| 7/7/2010 | 065 | 7 | M | 655 | 1.3 | | 401 |
| 7/7/2010 | 066 | 1 | F | 845 | 1.3 | | 402 |
| 7/7/2010 | 066 | 2 | M | 755 | 1.3 | | 403 |
| 7/7/2010 | 066 | 3 | F | 815 | 1.3 | | 404 |
| 7/7/2010 | 066 | 4 | M | 795 | | regenerated | 405 |
| 7/8/2010 | 067 | 1 | M | 800 | 1.4 | | 406 |
| 7/8/2010 | 067 | 2 | F | 805 | 1.3 | | 407 |
| 7/8/2010 | 067 | 3 | M | 865 | 1.4 | | 408 |
| 7/8/2010 | 067 | 4 | F | 815 | 1.3 | | 409 |
| 7/8/2010 | 067 | 5 | F | 810 | 1.3 | | 410 |
| 7/8/2010 | 067 | 6 | M | 810 | 1.3 | | 411 |
| 7/8/2010 | 067 | 7 | M | 830 | 1.3 | | 412 |
| 7/8/2010 | 067 | 8 | M | 770 | 1.3 | | 413 |
| 7/8/2010 | 067 | 9 | M | 850 | 1.3 | | 414 |
| 7/8/2010 | 067 | 10 | M | 765 | 1.3 | | 415 |
| 7/8/2010 | 068 | 1 | F | 770 | 1.3 | | 416 |
| 7/8/2010 | 068 | 2 | M | 770 | 1.3 | | 417 |
| 7/8/2010 | 068 | 3 | M | 815 | 1.3 | | 418 |
| 7/8/2010 | 068 | 4 | M | 805 | | regenerated | 419 |
| 7/8/2010 | 068 | 5 | F | 810 | 1.4 | | 420 |

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| Date | Scale Card | Fish number | Sex | MEF a length (mm) | Age | Scale Comment | Genetic vial # |
|-----------|---------------|----------------|-----|-------------------------|-----|------------------|-------------------|
| 7/8/2010 | 068 | 6 | F | 780 | 1.3 | | 421 |
| 7/8/2010 | 068 | 7 | F | 815 | 1.3 | | 422 |
| 7/8/2010 | 068 | 8 | M | 720 | 1.3 | | 423 |
| 7/8/2010 | 068 | 9 | M | 765 | | regenerated | 424 |
| 7/8/2010 | 068 | 10 | F | 800 | 1.4 | | 425 |
| 7/8/2010 | 069 | 1 | M | 780 | 1.4 | | 426 |
| 7/8/2010 | 069 | 2 | F | 775 | | regenerated | 427 |
| 7/8/2010 | 069 | 3 | F | 815 | 1.4 | | 428 |
| 7/9/2010 | 070 | 1 | M | 815 | 1.3 | | 429 |
| 7/9/2010 | 070 | 2 | F | 890 | 1.3 | | 430 |
| 7/9/2010 | 070 | 3 | M | 755 | 1.3 | | 431 |
| 7/9/2010 | 070 | 4 | F | 840 | 1.4 | | 432 |
| 7/9/2010 | 070 | 5 | M | 660 | | regenerated | 433 |
| 7/9/2010 | 070 | 6 | M | 825 | 1.4 | | 434 |
| 7/9/2010 | 070 | 7 | F | 865 | 1.3 | | 435 |
| 7/9/2010 | 071 | 1 | F | 830 | 1.4 | | 436 |
| 7/9/2010 | 071 | 2 | M | 795 | 1.3 | | 437 |
| 7/9/2010 | 071 | 3 | F | 865 | 1.3 | | 438 |
| 7/9/2010 | 071 | 4 | F | 830 | | regenerated | 439 |
| 7/10/2010 | 072 | 1 | M | 830 | 1.4 | | 440 |
| 7/10/2010 | 072 | 2 | M | 740 | 1.3 | | 441 |
| 7/10/2010 | 072 | 3 | F | 875 | 1.3 | | 442 |
| 7/10/2010 | 072 | 4 | F | 795 | 1.3 | | 443 |
| 7/10/2010 | 072 | 5 | F | 850 | 1.4 | | 444 |
| 7/10/2010 | 072 | 6 | F | 750 | 1.3 | | 445 |
| 7/10/2010 | 072 | 7 | M | 770 | 1.3 | | 446 |
| 7/12/2010 | 073 | 1 | M | 755 | 1.3 | | 447 |
| 7/12/2010 | 073 | 2 | M | 770 | 1.3 | | 448 |
| 7/12/2010 | 073 | 3 | M | 810 | 1.3 | | 449 |
| 7/12/2010 | 074 | 1 | F | 850 | 1.4 | | 450 |
| 7/12/2010 | 074 | 2 | M | 630 | 1.2 | | 451 |
| 7/12/2010 | 074 | 3 | F | 855 | 1.3 | | 452 |
| 7/12/2010 | 074 | 4 | M | 740 | 1.3 | | 453 |
| 7/13/2010 | 075 | 1 | M | 910 | 1.4 | | 454 |
| 7/13/2010 | 075 | 2 | M | 850 | 1.3 | | 455 |
| 7/13/2010 | 075 | 3 | M | 750 | 1.3 | | 456 |

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| Date | Scale Card | Fish number | Sex | MEF a length (mm) | Age | Scale Comment | Genetic vial # |
|-----------|---------------|----------------|-----|-------------------------|-----|------------------|-------------------|
| 7/13/2010 | 076 | 1 | M | 750 | 1.3 | | 457 |
| 7/13/2010 | 076 | 2 | F | 820 | 1.4 | | 458 |
| 7/13/2010 | 076 | 3 | M | 740 | 1.3 | | 459 |
| 7/13/2010 | 076 | 4 | M | 790 | 1.3 | | 460 |
| 7/13/2010 | 076 | 5 | F | 850 | 1.3 | | 461 |
| 7/14/2010 | 077 | 1 | F | 860 | 1.4 | | 462 |
| 7/14/2010 | 077 | 2 | M | 750 | 1.3 | | 463 |
| 7/14/2010 | 077 | 3 | M | 755 | 1.3 | | 464 |
| 7/15/2010 | 078 | 1 | M | 745 | 1.4 | | 465 |
| 7/15/2010 | 078 | 2 | F | 900 | 1.4 | | 466 |
| 7/15/2010 | 078 | 3 | F | 860 | 1.3 | | 467 |
| 7/15/2010 | 078 | 4 | F | 850 | 1.4 | | 468 |
| 7/15/2010 | 078 | 5 | F | 845 | 1.3 | | 469 |
| 7/15/2010 | 078 | 6 | F | 840 | | regenerated | 470 |
| 7/15/2010 | 078 | 7 | F | 820 | 1.4 | | 471 |
| 7/15/2010 | 078 | 8 | F | 950 | 1.4 | | 472 |
| 7/15/2010 | 078 | 9 | F | 835 | 1.3 | | 473 |
| 7/15/2010 | 078 | 10 | F | 760 | 1.3 | | 474 |
| 7/17/2010 | 079 | 1 | M | 815 | 1.3 | | 475 |
| 7/17/2010 | 079 | 2 | F | 840 | 1.3 | | 476 |

- a Length measurement mid-eye to fork of tail.
- b Fish was missing an adipose fin. Fish was released in the McClintock River in Yukon Canada.
- c Fish was missing an adipose fin.
Fish was released in the Yukon River in Canada