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Alaska Department of Fish and Game
Division of Commercial Fisheries
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# Catch and Escapement Statistics for Copper River, Bering River, and Prince William Sound Salmon, 1986

by
Sam Sharr
Carol Peckham
and
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State of Alaska Steve Cowper, Governor

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## ABSTRACT

Abundance data are summarized for 1986 returns of sockeye salmon (*Oncorhynchus nerka*), chinook salmon (*O. tshawytscha*), coho salmon (*O. kisutch*), pink salmon (*O. gorbuscha*), and chum salmon (*O. keta*) to the Copper and Bering River Districts and the districts of Prince William Sound. Age, sex, and size data are summarized for returns of sockeye, chinook, and coho salmon to the Copper and Bering River area and for returns of sockeye, coho, and chum salmon to the Prince William Sound area.

Sockeye salmon were the most numerous species in the catch in the Copper River District gill net fishery and they were predominantly fish aged 1.3 with lesser but significant numbers of fish aged 1.2, 2.3, and 0.3. In the Copper River District catches of fish aged 2.3 were greatest early in the season; catches of fish aged 1.2 were greatest late in the season; and catches of fish aged 0.3 varied little temporally. Catches in the Bering River District were predominantly fish aged 1.3 and 0.3 with a lesser but significant portion of fish aged 1.2. The age and sex compositions of the catches in the upper Copper River fisheries and escapement were very similar to the composition of the commercial catch in the Copper River District and exhibited the same temporal trends. Coastal escapements in the Copper River delta and Bering River drainage were predominantly fish aged 1.2, 0.3, and 1.3. Chinook salmon catches in the Copper and Bering River districts were mostly fish aged 1.4 and 1.3. Coho salmon catches in the Copper and Bering River Districts were predominantly aged 2.1. In the Copper River District the portion of fish aged 2.1 varied little through the season but the portion of fish aged 1.1 diminished as the season progressed. The age structure of the Bering River catch did not vary temporally.

Sockeye salmon in the gill net fisheries in the Coghill and Unakwik fisheries were predominantly fish aged 1.3. Sockeye salmon in the gill net fishery in the purse seine fisheries were predominantly fish aged 1.3 early in the season and fish aged 1.2 late in the season. Chum salmon catches in Prince William Sound were largest in the Eastern and Northern districts. Catches in all districts were predominantly four year old fish. Pink salmon were the most numerous species in the combined catch in Prince William Sound and more than half of those catches were comprised of hatchery returns. Pink salmon catches were largest in the purse seine fishery at the southwest entrance to the Sound.



KEY WORDS: Sockeye, chinook, coho, pink, chum salmon, Copper River, Bering River, Prince William Sound, catch, escapement, age composition

## INTRODUCTION

The Copper River, Bering River, and Prince William Sound management areas encompass coastal waters and associated inland watersheds on the Gulf of Alaska between Cape Suckling on the east and Cape Fairfield on the west and are divided into 11 fishing districts (Figures 1 and 2). The Copper River District (212) and the Bering River District (200) lie to the east of Hook Point, Hinchinbrook Island and have historically been treated as a discrete area (Copper/Bering). Prince William Sound proper (PWS) lies to the west of Hook Point and includes the Eastern (221), Northern (222), Unakwik (222-50), Coghill (223), Northwestern (224), Eshamy (225), Southwestern (226), Montague (227), and Southeastern (228) Districts. Commercial catches constituted the majority of the salmon harvested in all districts. However, there were also large subsistence and personal use fisheries in the Copper River District and salmon sport fisheries in both areas.

The commercial fisheries in the Copper and Bering districts are drift gill net fisheries. Sockeye salmon *(Oncorhynchus nerka)*, chinook salmon (*O. tshawytscha*), and coho salmon (*O. kisutch*) are the predominant species in the catch in District 212; sockeye and coho salmon are the predominant species in the catch in District 200. Pink salmon (*O. gorbuscha*) and chum salmon (*O. keta*) are incidental in the catches in both districts.

Salmon which escape the commercial fisheries in Copper/Bering River fisheries are destined for the extensive interior drainage of the upper Copper River (upriver) and the numerous small coastal streams in the Copper River delta and Bering River watersheds (delta/Bering). Sockeye salmon spawn in all three areas, coho salmon spawn primarily in the coastal watersheds, and chinook salmon spawn exclusively in the upriver area. The upriver escapement of salmon from the commercial fishery is subject to a significant additional harvest in freshwater subsistence and personal use fisheries and both the upriver and delta escapements support small sport fisheries.

The subsistence fish wheel fishery on the upper Copper River extends from Chitina to Slana (Figure 3 ). The upriver personal use dip net and fish wheel fisheries are restricted to a few miles of the Copper River at Chitina. Both fisheries harvest significant numbers of sockeye salmon and lesser numbers of chinook and coho salmon in the upriver escapement from the commercial fisheries in the Copper and Bering River Districts. Subsistence fishing is permited in the commercial fishing zones but catches are very small.

In Prince William Sound there are purse seine fisheries in all districts except the Eshamy District (225); there are drift gill net fisheries in the Coghill District (223) and the Unakwik District (222-50) and; there are concurrent drift and set gill net fisheries in the Eshamy District (225). Pink salmon and chum salmon are the predominant species in the purse seine catch, but there are significant incidental catches of sockeye salmon. The gill net catch is much smaller than the purse seine catch and though the gill net fisheries have traditionally been sockeye salmon fisheries, pink and chum salmon have become much more numerous in the catches as hatchery production of those species has increased. The catches of chinook and coho salmon in Prince William Sound are incidental.

Pink and chum salmon of wild stock origin which escape the commercial fisheries in Prince William Sound are destined for a multitude of small coastal streams on mainland and the numerous islands of Prince William Sound. Hatchery returns of pink and chum salmon in Prince William Sound originate from the Armin F. Koernig (AFK), Valdez Fisheries Developement Association (VFDA), Cannery Creek, and Main Bay hatcheries (Figure 1). The former two are private, non-profit hatcheries while the latter two are State of Alaska facilities run by the ADF&G Fisheries Rehabilitation, Enhancement, and Developement (FRED) Division. The majority of the sockeye escapements in Prince William Sound are to Coghill Lake and Eshamy Lake, however there are several other spawning areas, most notably Cowpen and Miners Lake in the Unakwik District.

Sport catches in the Copper/Bering and PWS areas are small relative to catches in the other fisheries. The fishery in Copper/Bering area is mostly for chinook and sockeye salmon in the freshwater drainages of the upper Copper River and for coho and sockeye salmon in a few delta streams. Pink salmon and coho salmon are the predominant species in sport catches in PWS and most are caught in salt water. There is also considerable effort for sockeye salmon in Coghill River and Eshamy Creek.

Adequate management of these resources requires knowledge of certain fundamental parameters of each contributing population or stock. To maintain the stocks at levels capable of producing optimal yield, it is necessary to assess the magnitude of the harvests and the spawning escapements and the age, sex, and size composition of both.

The Alaska Department of Fish and Game (ADF&G) maintains resource monitoring programs to collect these data for both the fisheries and contributing spawning populations in the Copper/Bering River and Prince William Sound areas. The objective of this report is to present the base-line population statistics for the 1986 inshore return of salmon to the Copper/Bering River and Prince William Sound areas. The report builds upon the data base established by Sharr et al. (1985). Abundance and age composition are summarized by species for each sampled fishery and escapement. Detailed information for each fishery are presented in the Appendices.

## METHODS

### *Catches*

Catches and fishing effort by fishing period and by fishing district (or subdistrict) were tabulated from information supplied by fishermen and processors through sales receipts called "fish tickets". Because the dollar value of each landing is a function of ex-vessel price and weight of the landing, processors often did not count fish in each sale, but estimated the number caught in each landing by dividing landing weight by an estimated mean weight of fish by species. There is some variance associated with the estimates of mean weight, consequently there is also some variance in estimates of numbers caught. Because the mean weight and its variance were

not reported on fish tickets, estimated numbers caught were treated as counts without variance for this report.

Catch in the subsistence and personal use fisheries are the sums of catches recorded on returned fishery permits as of May 1986. These catch figures are preliminary and may differ slightly from final published figures (Ken Roberson, ADF&G, Glenallen, AK, personal communication).

Catches in all sport fisheries were estimated from postal surveys, and the estimates were checked and validated with creel census data from selected fisheries (Mills 1987).

### *Escapements*

The salmon stocks of the Copper/Bering River and Prince William Sound areas for which escapement data were available were grouped into runs according to the major spawning areas. In the Copper/Bering area there are two runs: 1) the upriver run which includes all stocks of sockeye and chinook salmon which spawn in the upper Copper River watershed upstream of Miles Lake and; 2) the delta/Bering run which includes all stocks of sockeye and coho salmon which spawn in the coastal lakes and streams of the Copper River delta and Bering River watersheds. In PWS the numerous pink and chum salmon stocks were grouped by district. The sockeye escapements to Eshamy and Coghill Lakes were treated separately.

The upriver escapement of sockeye salmon from the Copper/Bering commercial fishery was estimated with hydroacoustic gear at Miles Lake (Figure 2). Escapement to Long Lake was included in this upriver escapement estimate and was also enumerated through a weir. The relative contributions of many of the other numerous stocks which contribute to the total upper Copper River escapement were assessed through periodic aerial surveys.

The estimate of the delta/Bering component of the Copper/Bering escapement of sockeye and coho salmon was based on peak counts from periodic aerial surveys of selected spawning sites and weir counts from Tokun Lake. Aerial survey counts are only intended to be indices of the relative escapements between stocks and between years and were used to make escapement estimates only because no other data were available.

### *Description of Sampling Procedures*

Fish were sampled to determine their age and sex and to measure their length. One scale was collected from each sampled sockeye, chum, and coho salmon, and three scales were collected from each sampled chinook salmon. Pink salmon were not sampled. Scales were taken from the left side of the body two rows above the lateral line along the diagonal scale row running from the posterior base of the dorsal fin to the anterior base of the anal fin (INPFC 1963). Scales were mounted on gum cards and impressions made in cellulose acetate (Clutter and Whitsel 1956). Whenever marine growth zones on scales had been resorbed marine age was determined using the Peterson method of

length frequency analysis (Tesch 1970). Length was measured from the middle of the eye to the fork of the tail. Sex was determined by inspection of the morphological characteristics of live fish, or when possible, gonadal inspection of dead ones.

## *Sampling Catches*

This section details catch sampling methods. Catches are grouped into those which occur in the commercial fisheries of the Copper/Bering River and Prince William Sound areas and those which occur in the subsistence and personal use fisheries on the upper Copper River. Sport fish catches were not sampled.

### Commercial Fisheries

Age and sex compositions of the season's catch for each combination of species, gear, and fishing district were estimated with stratified systematic sampling programs according to Cochran (1977). Each sampling stratum is a combination of contiguous fishing periods grouped so that all strata will have similar catches; dates for strata were selected before the season began according to catch trends from past years. The number of strata was selected according to the rapidity of change in age composition as estimated in previous years; catches for which there were no valid estimates of age and sex composition in previous years were divided into three or four strata to expose moderate time trends. Whenever possible, one sample was taken in the middle of each stratum with sufficient numbers of fish to simultaneously estimate the proportion of each major age class in the catch within $\pm$ 5 percentage points of the true proportion 90% of the time. Whenever possible, the sample for each stratum was taken within a single day. The fish for each sample were selected systematically in the canneries without regard to tender or subdistrict of capture. Sharr (1983) showed no differences in age composition among the tender loads from subdistricts within District 212 in 1982. In 1985 the Board of Fisheries closed the area east of Kayak Island in the Bering River District (Subdistrict 30) to fishing; consequently all sampled catches in this district were from the two more nearshore subdistricts (10 and 20) to the west of Kayak Island.

Age compositions were estimated with procedures outlined in Cochran (1977) for stratified sampling programs:

$$C_{tj} = C_t P_{tj} \qquad V[C_{tj}] = (C_t)^2 \frac{P_{tj}(P_{tj} - 1)}{N_t - 1}$$

$$C_j = \sum_{t=1}^{T} C_{tj} \qquad V[C_j] = \sum_{t=1}^{T} V[C_{tj}]$$

where $C_t$ is the number of fish caught during stratum t, $P_{tj}$ is the fraction of the sample taken during stratum t that is age j, $N_t$ is the sample size

during stratum t, $C_{tj}$ is the estimated number of fish of age j caught during stratum t, T is the number of strata, and $C_j$ is the estimate of the number of fish of age j caught during the season. The correction factor for finite populations were not included in the above equations because sample sizes were small relative to catches.

### Subsistence and Personal Use Fisheries

Age and sex composition of the season catch of sockeye salmon in the subsistence and personal use fisheries on the Copper River was estimated with a stratified systematic sampling program. Because there were no demonstrable differences in age composition between samples from the fish wheel and dip net fisheries; samples from these two gear types were pooled. Age, sex and size samples collected from these fisheries were assumed to be representative as both catch and escapement samples. Because the age and sex composition data were also treated as escapement data for the upriver run, strata were based on a combination of catch projections by fishing period and migratory timing data for important upriver stocks (Merritt and Roberson 1983). The described formulas for estimating numbers of fish by age in the commercial catches with stratified sampling data were also used to estimate the subsistence catch by age. Because few chinook and coho salmon were caught age, size, and sex compositions of these catches were not estimated.

## *Sampling Escapements*

This section details the various methods used to sample salmon escapements. Only sockeye salmon escapements were sampled and sampling methods varied among escapements to the upper Copper River, escapements to the Copper River delta and Bering River coastal drainages, and escapements in Prince William Sound. Where systematic stratified sampling programs were in place the formulas used to estimate the number of fish in the commercial catch by age with stratified sampling data were used except that escapement was substituted for catch.

### Copper/Bering River Area

The stratified age, sex, and size composition estimates of the catch from the subsistence fishery on the Copper River were also used as estimates of these statistics for the escapement to the upper Copper River and were applied to sonar counts from Miles Lake. Strata in daily sonar estimates of escapement were constructed to conform to the strata in the subsistence catches, but the dates were shifted to account for fish travel time in the river between Miles Lake and Chitina. Mean travel times were approximated from a linear regression of travel rate against date as calculated from tagging data (Merritt and Roberson 1983).

The logistics of visiting numerous, isolated watersheds in the coastal areas around the Copper River delta and around the Bering River watershed precluded direct counting of escapements as well as the implimentation of stratified sampling programs to estimate age, sex, and size composition. For these

sites, aerial survey data and data from simple systematic sampling programs were used to estimate escapement by sex and age as follows:

$$E_j = A_m Q_j \qquad V[E_j] = (A_m)^2 \frac{Q_j(1-Q_j)}{N - 1}$$

where $E_j$ is the season escapement of fish of age j, $A_m$ is the peak number counted on the spawning grounds during aerial surveys, $Q_j$ is the estimate of the portion of the escapement of age j pooled over one or two sampling trips to the spawning grounds, and N. is the number of fish sampled in all sampling trips to the spawning grounds. Because counts of escapements to these areas are not available, the peak counts of fish on the spawning grounds from aerial surveys were used to expand age proportions into crude estimates of numbers by age. The numbers of fish by age, sex, and size in the Tokun Lake escapement were estimated with data from weir counts and data from a stratified sampling program at the weir.

Age, sex, and size compositions of escapements of chinook are from Delaney and Roth (1987) and are based on carcass samples from key spawning areas on the upper Copper River drainage. Age, sex, and size compositions of coho salmon to the upper Copper River and the coastal drainages were not estimated.

Prince William Sound

Stratified systematic sampling programs and counts through weirs were used to estimate the age, sex, and size compositions of escapements of sockeye salmon to Coghill and to Eshamy Rivers. Age, sex, and size compositions for escapements of chum salmon were not estimated.

## RESULTS

### *Copper/Bering Rivers*

This section details salmon catch and escapement data for the Copper River District (212) and the Bering River District (200). The commercial, subsistence, personal use, and sport fisheries in these districts share geographic proximity, occur simultaneously, and are all directed at stocks of sockeye, chinook, and coho salmon returning to the Copper/Bering River area. More detailed data on the commercial catches, subsistence catches, upriver escapements and coastal escapements in the Copper/Bering River area are in Appendices A, B, C, and D, respectively. Available length data for salmon which returned to the Copper/Bering area are in Appendices F and G. Average weights of fish in the commercial catches are presented in Appendix H.

Sockeye Salmon

Of the 780,808 sockeye salmon in the commercial catch in the Copper River District 55.3% were aged 1.3, 18.4% were aged 1.2, 13.4 % were aged 2.3, 11.4% were aged 0.3 and, 1.5% were other ages (Tables 1 and 2). The weekly catch curve is bimodal. Catches peaked once in the week immediately following the 12 to 13 May fishery opening; declined rapidly the following week; peaked once again but more gradually through the week ending 21 June; and declined gradually through July and August (Table 3, Figure 4). The fraction of the catch aged 1.3. increased from 51.3% in mid-May to 63.0% by mid-June then declined to 50.2% in July (Figure 5). Fish aged 2.3 declined from 19.4% in mid-May to 7.4% by mid-June and by July had virtually disappeared (0.5%). Conversely, fish aged 1.2 were only 0.2% of the catch in mid-May but increased steadily to a high of 39.2% in early July. Through the season the fraction of the catch aged 0.3 varied little from the season total of 11.8%.

The District 200 fishery began later than in District 212 (16 June versus 12 May), was of shorter duration, and the catch was much smaller (Table 3, Figure 4). In recent years the largest sockeye salmon catches in this district have occurred in the waters to the east of Kayak Island. As a result of action by the Board of Fisheries in reponse to stock interception concerns, this area was not open to fishing in 1986. The total sockeye salmon harvest of 19,038 fish came from the nearshore waters west of Kayak Island in the Controller Bay, Bering River, and Katella areas. The catch was 40.5% fish aged 1.3; 35.7% fish aged 0.3; 22.8% fish aged 1.2; and the small remainder was distributed among several age groups (Table 2). The portion of the catch aged 1.3 increased very slightly (38.0% to 43.4%) from mid to late June and conversely the portion of fish aged 0.3 declined slightly (Figure 5). Catches of sockeye salmon in the district were insignificant after 2 July.

The subsistence and personal use fisheries on the upper Copper River began in the first week of June. Of the 65,032 sockeye salmon caught (Table 4), most were taken with dip nets. Changes in the catch and catch age composition were similar to those in the Copper River commercial fishery (Figure 6). Peak catches occured early in the season; fish aged 1.3 were predominant though more so than in the commercial catch; and fish aged 2.3 and 1.2 were present in smaller but similar relative porportions and exhibited the same temporal changes as in the commercial catch. The overall contribution of fish aged 0.3 was much smaller than in the commercial catch, and that age group declined rapidly after the initial week of fishing.

Almost all of the 4,137 sport caught of sockeye salmon in the upper Copper River were caught in the Gulkana River (Table 5). The sport catch of sockeye salmon in coastal areas of the Copper River District were much smaller and restricted to a few easily accessible coastal escapements. No age or sex data were available for the sockeye salmon sport catch.

The estimated escapement of salmon past the Miles Lake was 509,275 fish (Table 6, Figure 7) most of which were sockeye salmon. Temporal trends in the upriver escapement (Figure 8) resembled the trends in the commercial catch in the Copper River district and in the upriver subsistence and personal use fisheries. The escapement spanned the period from mid-May to mid-August but was strongly skewed toward the early part of the run. Peak daily counts of more than 20,000 occured on eight of the first fourteen days in June. Counts

decreased steadily from mid-June into early July, then randomly fluctuated in the 2,000 to 6,000 fish range for most of the remainder of the season (Figure 8, Appendix C). The sex and age and composition of this escapement (Table 7, Figures 7 and 8) were based on the samples from the upriver subsistence fishery. Within corresponding time lagged strata for the fishery and for the escapement age group proportions were identical (Figures 6 and 8) and despite the fact that the strata are weighted differently for these two samples the season total age compositions are also almost identical (Appendices B and C).

Aerial survey data for the Copper River delta and Bering River spawning areas provided an estimate of their relative importance, but the combined escapement estimates of 73,355 fish to the delta and 18,975 fish to the Bering River drainage (Table 6, Appendix D) represents some unknown fraction of the actual escapement to those areas. Unlike the escapement to the upper Copper River, the escapements to the Copper River delta and Bering River areas were not dominated by fish aged 1.3 though they did contribute significantly, and fish aged 2.3 were almost absent in the coastal escapements (Table 7, Figure 7). Fish aged 1.2 and 1.3 constituted the majority of the escapement to the Copper River delta (43.0% and 37.8%, respectively), and fish aged 0.3 made a smaller but significant contribution (12.%). In the Bering River area escapements, the portions of fish aged 1.2, 0.3 and 1.3 were almost identical (33.1%, 32.5%, and 29.6%, respectively).

## Chinook Salmon

Most of the 40,670 chinook salmon caught in District 212 were harvested in the first 5 weeks of the season (12 May to 13 June) (Table 8, Figure 9). In the total catch, 53.5% were aged 1.3, 34.4% were aged 1.4, and the remaining 12.1% were fish in other age groups, most notably fish aged 1.2 and 2.3 (Table 9). Fish aged 1.4 were predominant (53.0%) in the first week of fishing but declined steadily through May (Figure 9). Conversely, the fraction of the catch aged 1.3 rose from 35.0% in the first period to 57.0% by the end of May. The age structure remained stable thereafter.

Approximately 3,000 chinook salmon were caught in the subsistence and personal use fisheries on the upper Copper River, and of those, approximately 2,300 were caught in dip nets (Table 4). No information on the age composition of this catch is available.

Approximately (3,700) chinook salmon were caught in the sport fisheries on the upper Copper River drainage, mostly in the Gulkana River drainage (Table 5). No information on the age composition of this catch is available.

Although there were some aerial surveys of the chinook salmon escapement from District 212 (Appendix C), there was no actual total escapement estimate. The age composition of the chinook escapement based on spawning ground carcass samples (Delaney and Roth 1987) had a much higher porportion of fish aged 1.3 and lower porportion of fish age 1.4 than the commercial harvest in District 212 (80.7% vs 53.5% and 15.8% vs 34.4% respectively).

## Coho Salmon

Unlike the pattern in chinook and sockeye salmon fisheries in District 212, most coho salmon were caught late in the season (Table 10, Figure 10). Before August, coho salmon were caught incidentally to the fishery for sockeye salmon; after August the fishery targeted on coho salmon. Of the 295,980 coho salmon caught in District 212, 78.8% were aged 2.1 and 18.3% were aged 1.1 (Table 11). The age compositon of the catch did not vary significantly through the season (Figure 11, Appendix A).

The 115,809 coho salmon catch in District 200 was almost exclusively from the Katella and Controller Bay areas, and occurred during the regular August and September coho season (Table 10, Figure 10). The age composition of the main coho salmon was similar to the age composition of the coho salmon catch in District 212 except that portion of fish aged 3.1 was higher (10.3% versus 2.8%), and the portions of fish age 2.1 and 1.1 were slightly smaller (Figure 11, Appendix A).

Subsistence and personal use catches of coho salmon accounted for approximately 800 fish (Table 4). Sport catches were slighty larger, and were primarily from Eyak Lake and a few easily accessible coastal streams on the Copper River delta (Table 5). No age and sex composition data for these fisheries are available.

Based on available aerial survey data, coho salmon escapement to the upper Copper River drainage appears to be insignificant (Appendix C). Aerial survey data for the Copper River delta and Bering River spawning areas (Appendix D) provided an estimate of their relative importance, but the combined escapement estimates of 25,790 fish to the delta and 9,420 fish to the Bering River drainage (Table 6.) represent some unknown fractions of the actual escapements to those areas. No age and sex composition data are available for these coastal escapements of coho salmon.

# *Prince William Sound*

This section details salmon catch and escapement data for the nine fishing districts in Prince William Sound (Disticts 221 - 228 and the Unakwik District). The fisheries in these districts share geographic proximity, occur simultaneously and are directed at salmon stocks of Prince William Sound origin. Chinook salmon are incidental in Prince William Sound catches and are not discussed in the text. More detailed data on the salmon catches and escapements in Prince William Sound are presented in Appendices E and F, respectively. Available length and weight data for salmon returning to the Prince William Sound are in Appendices G and H.

## Sockeye Salmon

A total of 488,866 sockeye salmon were caught in Prince William Sound (Table 12). The gill net catch of 408,371 fish included 381,565 fish caught in the Coghill District, 25,759 fish caught in the Unakwik District, and 1,047 fish caught in the Eshamy District. The Coghill District catch occurred from

mid-June to early August and peaked in early July (Table 12, Figure 12). The catch was 77.4% fish aged 1.3, 10.0% fish age 1.2, 9.3% fish aged 2.3, and less than 5.0% other age groups (Table 13). The portion of fish aged 1.3 was 63.9% in the fishing period ending 26 June but by early July it had risen to approximately 80% and did not vary for the remainder of the season (Figure 13). Correspondingly, the portion of the catch aged 2.3 declined from 20.1% to 7.2% and varied little thereafter. The smaller catch in the Unakwik Subdistrict was simultaneous with the peak catch in Coghill (Table 12, Figure 9). The age composition of the catch in the Unakwik District was similar to that of the Coghill District although the fraction aged 1.3 was slightly larger (Table 13). There was no significant change in the age composition of this catch through the short season (Figure 13).

Because of poor escapement to Eshamy Lake there was no fishery for sockeye salmon in that district in 1986. The 1,047 fish which were caught were incidental to the catches in the Main Bay subdistrict. There was a limited fishery in that subdistrict to permit the harvesting of surplus pink and chum salmon returning to the the FRED Division hatchery there.

The purse seine catch of sockeye salmon began in early July, peaked in mid-July, and remained strong through August (Table 12, Figure 12). Approximately 52% of the sockeye salmon caught in the purse seine fishery were caught in the Southwestern District; 23% in the Coghill District; 10% in the Eastern District; 8% in the Northern District; and the remainder in the other districts. The age compositions of the catches from the weeks ending 19 July and 26 July were similar to the age composition of the gill net catch in the Coghill District (Figure 13). Fish aged 1.3 predominated (approximately 63%), and fish aged 1.2 and 2.3 were present in lesser and roughly equal porportions (approximately 15% each). In the following four weeks there was a steady decline in the portion of the catch aged 1.3 and 2.3 and a steady increase in the portion aged 1.2. By the last sampling stratum (18-29 August) fish aged 1.2 comprised almost 84% of the catch.

Approximately 4,700 sockeye salmon were caught in the Prince William Sound sport fishery (Table 5). The subsistence catch of sockeye salmon was insignificant (Table 4). Age and sex composition data are not available for these small fisheries.

The total sockeye salmon escapement through the Coghill weir was 69,575 fish. (Table 6, Figure 14, Appendix F). The escapement through the Coghill weir was bimodal. Only about 2,500 fish passed through the weir in the last two weeks of June. Approximately half of the escapement was fairly evenly distributed through the first two weeks of July, and daily passage rates during that period ranged from 400 to 6,000 fish. The remainder of the escapement occurred in a strong short pulse from 17 to 23 July when almost 31,000 fish passed through the weir, and more than 14,000 passed through on one day (20 July). The total escapement through the weir was 65.0% fish aged 1.3, 26.1% fish aged 1.2, and the remainder was approximately equal portions of fish aged 2.2 and 2.3 (Table 14). The escapement which occured from 6 June to 5 July was 65% fish aged 1.3, 23% fish aged 1.2, and the majority of the remander were fish aged 2.3 and 2.2 (Figure 15, Appendix F). In the following week (6-13 July) however, the portion of the escapement aged 1.3 dropped to 40% while the portion aged 1.2 increased to 43%. In the following ten day sampling stratum this trend was reversed, and fish aged 1.3 once again

predominated at 75% while the portion of the escapement aged 1.2 decreased to 18%.

The escapement through Eshamy weir of 6,949 fish (Table 6) occurred later than the escapement at Coghill Weir, and it was more prolonged (Figure 14, Appendix F). The escapement was 73.8% fish aged 1.2 (73.8%) and 16.0% fish aged 2.2. There was no temporal variation in the age structure (Figure 14). The age composition at Eshamy Weir closely resembles the age composition of the commercial purse harvest in the Southwest District in the latter half of August (Figures 13 and 15, respectively).

The other sockeye salmon runs in Prince William Sound including the ones which contribute to the Unakwik fishery are much smaller and the only escapement information available is from aerial surveys (Appendix F).

## Coho Salmon

Though they were caught incidentally, coho salmon were fairly numerous in the 1986 purse seine catch in Prince William Sound (11,418 fish, Table 1). Catches were largest in the Southwestern District and the Eastern District; were greatest in the first two weeks of August; and were predominantly fish aged aged 1.1 and fish aged 2.1 (63.6% and 36.4%, respectively) (Appendix E).

The sport fishery in Prince William Sound has increasingly targeted on coho salmon. It is difficult to separate Copper/Bering River catches from Prince William Sound catches in the available data, but it appears that over 13,000 coho were caught in the waters of Prince William Sound in 1986 (Table 5). The subsistence catch of coho salmon was insignificant (Table 4).

## Chum Salmon

Approximately 1.7 million chum salmon were caught in Prince William Sound (Table 15) of which about 87% were caught with purse seines and the remainder with gill nets. There were significant purse seine catches reported from six of the eight districts but over half (57%) of the purse seine catch came from the Eastern District, and the majority of the remainder came from the Northern and Southwestern Districts. Catches peaked earliest in the Northern District and latest in the Eastern and Southwestern Districts (Figure 16). The purse seine catches in all districts were overwhelmingly 4-year-old fish (68.9%) with the remainder being mostly 5-year-old fish (Table 16, Figure 17). In most districts there were no notable changes in the age composition through time. However, in the Northwestern District there was a gradual decline in 5- year-old fish through the season coupled with an increase in 4-year-old fish, and in the Southeastern District there was a subtle but opposite trend (Figure 17, Appendix E).

The gill net catches of chum salmon (Table 15) were predominantly from the the Coghill District (96.3%). They peaked earlier than the purse seine catches in the district (Figures 16 and 18) but were similar in age composition to the purse seine catches in surrounding districts (Table 16). They were predominantly 4-year-old fish (74.6%) with the remainder being mostly 5-year-olds. The age composition was similar in both sampling strata

(Figure 19, Appendix E.). The Eshamy gill net fishery targeted on pink and chum salmon returns to the Main Bay Hatchery and was restricted to the Main Bay subdistrict (225-21). The small catch of 5,829 chum salmon occurred much later than the large catch in the Coghill District and over a shorter period of time (Table 15, Figure 18). The estimated catch of chum salmon in special harvest areas for private non-profit hatcheries in Prince William Sound was 20,683 fish (Table 1). No age or sex composition data are available for these catches.

Subsistence catches of chum salmon were insignificant. The estimated sport catch of chum salmon was approximately 2,900 fish. The majority of these catches occurred in the Valdez and Whittier areas and most occurred in saltwater (Table 5, Figure 1).

Pink Salmon:

Approximately 11.5 million pink salmon were caught in Prince William Sound in 1986 (Table 1). Approximately 10.5 million fish were harvested in common property fisheries, and 909,219 fish were harvested in the special harvest area sales harvests of the two major private non-profit hatcheries in the area (Tables 1 and 17). Approximately 5.8 million fish in the common property harvest were of hatchery origin (Table 18; Brady et al.1986). The combined common property and sales harvests of hatchery produced fish was 6.8 million fish. This marks the first time in the history of the fishery that hatchery fish constituted more than half of the pink salmon harvest.

The purse seine fishery accounted for almost 99% (10.4 million fish) of the total commom property harvest. Approximately 61% (6.4 million fish) of the purse seine catch was from the Southwestern District. The escapement goal for the district was met but accounted for only 6.5% of the total Prince William Sound wild stock (Figure 20). The large catches relative to the escapement in the Southwest District in 1986 are in part attributable to the interception of wild stocks destined to other areas in the sound and in part to hatchery contributions. The Southwestern District encompasses an entrance to Prince William Sound known to be a migratory pathway used by pink salmon wild stocks and hatchery stocks stocks returning to other districts (McCurdy 1983). Furthermore, the AFK Hatchery is located in the middle of the district (Figure 1) and made the largest contribution (3.9 million fish, Table 18) to the hatchery component of the Prince William Sound area common property fisheries. The catches in the Southwestern District peaked later than in any other district in the Sound and the peak coincides with the peak returns to the AFK hatchery.

Pink salmon returns to the other hatcheries in the sound similarly enhance the catches in the district where they are located. The 2.5 million fish catch in the Eastern District was the second largest in the purse seine fisheries (Table 17, Figure 20). Though almost 42% of the wild stock escapement in Prince William Sound occurred in the Eastern District (Figure 20) and wild stocks definitely contributed to the catches, the VFDA Hatchery in Port Valdez (Figure 1) also contributed significantly especially early in the season (Brady et al 1986). The catches in the Eastern District were bimodal in 1986 (Figure 21). The large catches in the first two periods coincided with VFDA Hatchery stock returns and were probably largely hatchery

fish (Brady et al. 1986). Catches in the Northern District were later but similarly bimodal (Figure 21). In this instance, the later mode coincided to the timing of hatchery returns to the Cannery Creek facility in Unakwik Inlet (Figure 1) and was probably largely hatchery fish.

The gill net harvest of 113,921 pink salmon was very small relative to the purse seine harvest. Approximately 60% of the catch (68,887 fish) was from the Coghill drift gill net fishery and most of the remainder was from the set gill net fishery in the Main Bay Subdistrict of the Eshamy District (Table 17). The the fishery in Main Bay was specifically targeted on pink salmon returns to the FRED Division hatchery at the head of the bay (Figure 1), and the catch almost certainly consisted of mostly hatchery fish.

Subsistence catches of pink salmon were insignificant. The estimated sport catch of pink salmon was approximately 25,000 fish. Most of those catches occurred in saltwater in the Valdez and Whittier areas (Table 5, Figure 1).

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# TABLES AND FIGURES

Table 1. Commercial catches by fishery, district, and species in the Copper/Bering River (C/BR) and Prince William Sound (PWS) areas, 1986.

| C/BR Drift Gill Net Fisheries | Species | | | | |
|---|---|---|---|---|---|
| District | Chinook | Sockeye | Coho | Pink | Chum |
| Bering River (200) | 128 | 19,038 | 115,809 | 15 | 243 |
| Copper River (212) | 40,670 | 780,808 | 295,980 | 3,016 | 17,614 |
| C/BR Drift Gill Net Total | 40,798 | 799,846 | 411,789 | 3,031 | 17,857 |

| PWS Drift Gill Net Fisheries | Species | | | | |
|---|---|---|---|---|---|
| District | Chinook | Sockeye | Coho | Pink | Chum |
| Unakwik (222-50) | 5 | 25,759 | 1 | 1,973 | 2,463 |
| Coghill (223) | 617 | 381,565 | 789 | 68,887 | 218,971 |
| Eshamy (225) | 0 | 4 | 1 | 938 | 65 |
| PWS Drift Gill Net Total | 622 | 407,328 | 791 | 71,798 | 221,499 |

| PWS Set Gill Net Fisheries | Species | | | | |
|---|---|---|---|---|---|
| District | Chinook | Sockeye | Coho | Pink | Chum |
| Eshamy (225) | 9 | 1,043 | 86 | 42,123 | 5,764 |
| PWS Set Gill Net Total | 9 | 1,043 | 86 | 42,123 | 5,764 |

| PWS Purse Seine Fisheries | Species | | | | |
|---|---|---|---|---|---|
| District | Chinook | Sockeye | Coho | Pink | Chum |
| Eastern (221) | 370 | 8,016 | 4,304 | 2,488,540 | 848,472 |
| Northern (222) | 24 | 6,541 | 76 | 938,180 | 249,095 |
| Unakwik (222-50) | 0 | 76 | 0 | 4,718 | 4,675 |
| Coghill (223) | 186 | 18,514 | 98 | 145,706 | 27,078 |
| Northwestern (224) | 29 | 4,814 | 266 | 285,184 | 75,064 |
| Southwestern (226) | 90 | 42,180 | 6,507 | 6,374,535 | 193,816 |
| Montague (227) | 0 | 0 | 0 | 0 | 0 |
| Southeastern (228) | 0 | 354 | 167 | 147,268 | 36,903 |
| PWS Purse Seine Total | 699 | 80,495 | 11,418 | 10,384,131 | 1,435,103 |

| | | | | | |
|---|---|---|---|---|---|
| Private Non-Profit Hatchery Harvests[a] | 0 | 0 | 2,156 | 909,219 | 20,683 |
| Combined PWS Fisheries Total | 1,330 | 488,866 | 14,451 | 11,407,271 | 1,683,049 |
| Combined C/BR and PWS Fisheries Total | 42,128 | 1,288,712 | 426,240 | 11,410,302 | 1,700,906 |

[a]Includes harvests from Port San Juan and Solomon Gulch hatcheries.

Table 2. Estimated age composition of the sockeye salmon in the commercial catches from the drift gill net fisheries in the Copper/Bering River area, 1986.[a]

| | | | Percent of Catch by Brood Year and Age Group | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1983 | 1982 | | 1981 | | | 1980 | | 1979 | |
| Fishery | Sample Size | Total Catch | 0.2 | 0.3 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 2.4 | 3.3 |
| Copper River | 4,907 | 780,808 | 0.8 | 11.4 | 18.4 | 0.0 | 55.3 | 0.4 | 0.3 | 13.4 | 0.0 | 0.0 |
| Bering River | 1,176 | 19,038 | 0.6 | 35.7 | 22.8 | 0.0 | 40.5 | 0.1 | 0.2 | 0.1 | 0.0 | 0.0 |

[a]Based on age composition data fry systematic, stratified catch sampling programs and final catch data from fish ticket summaries.

Table 3. Commercial catches of sockeye salmon and effort by fishery and fishing period in the Copper/Bering River area, 1986.[a]

| | Fishing | | | Fishery | | | |
|---|---|---|---|---|---|---|---|
| | | | | Copper River | | Bering River | |
| Week | Period | Dates | Hours | Effort | Catch | Effort | Catch |
| 20 | 1 | 05/12-05/13 | 24 | 389 | 8,798 | Closed | |
| 21 | 2 | 05/19-05/20 | 36 | 476 | 66,993 | Closed | |
| | 3 | 05/22-05/23 | 24 | 472 | 54,862 | Closed | |
| 22 | 4 | 05/26-05/27 | 24 | 480 | 63,076 | Closed | |
| 23 | 5 | 06/02-06/03 | 24 | 478 | 75,809 | Closed | |
| 24 | 6 | 06/09-06/10 | 24 | 486 | 60,194 | Closed | |
| | 7 | 06/12-06/13 | 24 | 462 | 51,625 | Closed | |
| 25 | 8 | 06/16-06/17 | 36 | 323 | 73,963 | 27 | 4,871 |
| | 9 | 06/19-06/21 | 36 | 330 | 51,276 | 16 | 5,190 |
| 26 | 10 | 06/23-06/24 | 36 | 224 | 64,205 | 11 | 4,075 |
| | 11 | 06/26-06/28 | 36 | 257 | 30,095 | 10 | 1,751 |
| 27 | 12 | 06/30-07/02 | 48 | 92 | 31,988 | 4 | 2,196 |
| | 13 | 07/03-07/05 | 36 | 138 | 24,599 | | |
| 28 | 14 | 07/07-07/09 | 48 | 83 | 24,871 | 3 | 832 |
| | 15 | 07/10-07/12 | 36 | 100 | 14,475 | | |
| 29 | 16 | 07/14-07/16 | 48 | 98 | 23,228 | | |
| | 17 | 07/17-07/19 | 36 | 126 | 14,371 | | |
| 30 | 18 | 07/21-07/23 | 48 | 135 | 12,119 | | |
| | 19 | 07/24-07/26 | 36 | 95 | 8,935 | | |
| 31 | 20 | 07/28-07/30 | 48 | 117 | 9,598 | | |
| | 21 | 07/31-08/02 | 36 | 91 | 4,061 | | |
| 32 | 22 | 08/04-08/07 | 84 | 169 | 5,840 | | |
| 33 | 23 | 08/11-08/14 | 84 | 305 | 3,107 | 8 | 0 |
| 34 | 24 | 08/18-08/21 | 84 | 344 | 2,211 | 82 | 70 |
| 35 | 25 | 08/25-08/28 | 84 | 309 | 324 | 128 | 41 |
| 36 | 26 | 09/01-09/04 | 84 | 325 | 116 | 188 | 11 |
| 37 | 27 | 09/08-09/11 | 84 | 297 | 49 | 143 | 1 |
| 38 | 28 | 09/15-09/16 | 36 | 184 | 20 | 31 | 0 |
| Total | | | 1,284 | 7,385 | 780,808 | 651 | 19,038 |

[a]Based on final fish ticket summaries.

Table 4. Subsistence and personal use catches by fishery and species in the Copper/Bering River (C/BR) and Prince William Sound (PWS) areas, 1986.[a]

| C/BR Subsistence Fisheries | Species | | | |
|---|---|---|---|---|
| Fishery | Chinook | Sockeye | Coho | Other[b] |
| Upper Copper River - Fish Wheel[c] | 622 | 24,890 | 264 | 5 |
| C/BR Drift Gill Net | 86 | 348 | 24 | 23 |
| C/BR Subsistence Fisheries Total | 708 | 25,238 | 288 | 28 |

| C/BR Personal Use Fisheries | Species | | | |
|---|---|---|---|---|
| Fishery | Chinook | Sockeye | Coho | Other[b] |
| Upper Copper River - Dip Net[c] | 2,262 | 38,797 | 497 | 85 |
| Upper Copper River - Fish Wheel[c] | 32 | 997 | 24 | 1 |
| C/BR Personal Use Fisheries Total | 2,294 | 39,794 | 521 | 86 |
| C/BR Combined Fisheries Total | 3,002 | 65,032 | 809 | 114 |

| PWS Subsistence Fisheries | Species | | | |
|---|---|---|---|---|
| Fishery | Chinook | Sockeye | Coho | Other[b] |
| Purse Seine | 0 | 0 | 0 | 0 |
| Drift Gill Net | 0 | 5 | 15 | 0 |
| Set Gill Net | 0 | 0 | 0 | 0 |
| PWS Subsistence Fisheries Total | 0 | 5 | 15 | 0 |
| C/BR and PWS Combined Fisheries Total | 3,002 | 65,037 | 824 | 114 |

[a]Preliminary data from 5/29/87.

[b]Includes trout, whitefish, and other miscellaneous species.

[c]Totals in this table are greater than the catch by date totals which appear in Appendix B because they include catches for which the date of capture is unknown.

Table 5. Sport harvests by fisheries and species in the upper Copper River Basin, Copper River Delta/Bering River (C/BR), and Prince William Sound (PWS) areas, 1986.[a]

| Upper Copper River | Species | | | | |
|---|---|---|---|---|---|
| Fishery | Chinook | Sockeye | Coho | Pink | Chum |
| Gulkana River Float Fishing (Paxson to Sourdough) | 643 | 1,069 | 0 | 0 | 0 |
| Gulkana River Float Fishing (Sourdough to Highway) | 587 | 197 | 0 | 0 | 0 |
| Gulkana River (Other Fishing) | 1,603 | 1,444 | 0 | 0 | 0 |
| Klutina River | 710 | 1,283 | 113 | 0 | 0 |
| Other Streams | 80 | 56 | 89 | 0 | 0 |
| Tolsona and Moose Lakes | 0 | 0 | 0 | 0 | 0 |
| Lake Louise | 0 | 0 | 0 | 0 | 0 |
| Lake Susitna | 0 | 0 | 0 | 0 | 0 |
| Tyone Lake | 0 | 0 | 0 | 0 | 0 |
| Van (Silver) Lake | 0 | 0 | 0 | 0 | 0 |
| Paxson Lake | 0 | 0 | 0 | 0 | 0 |
| Summit Lake | 0 | 0 | 0 | 0 | 0 |
| Other Lakes | 40 | 88 | 0 | 0 | 0 |
| Upper Copper River Total | 3,663 | 4,137 | 202 | 0 | 0 |

| CD/BR and PWS - Freshwater | Species | | | | |
|---|---|---|---|---|---|
| Fishery | Chinook | Sockeye | Coho | Pink | Chum |
| Eyak River | 0 | 92 | 2,767 | 107 | 0 |
| Eshamy Lake and Lagoon | 0 | 612 | 76 | 260 | 0 |
| Coghill River | 0 | 321 | 0 | 0 | 0 |
| Robe River | 0 | 0 | 0 | 0 | 0 |
| Other Streams | 0 | 1,178 | 1,116 | 122 | 0 |
| Other Lakes | 67 | 229 | 260 | 0 | 0 |
| CD/BR and PWS - Freshwater Total | 67 | 2,432 | 4,219 | 489 | 0 |

| CD/BR and PWS - Saltwater | Species | | | | |
|---|---|---|---|---|---|
| Fishery | Chinook | Sockeye | Coho | Pink | Chum |
| Valdez Bay | 123 | 260 | 5,749 | 12,858 | 1,116 |
| Passage Canal (Whittier) | 11 | 1,193 | 1,437 | 1,437 | 596 |
| Other - Boat | 245 | 779 | 1,116 | 244 | 382 |
| Shoreline - Valdez Bay | 45 | 153 | 1,040 | 9,312 | 749 |
| Shoreline - Orca Inlet | 0 | 0 | 61 | 214 | 0 |
| Other - Shoreline | 11 | 61 | 2,476 | 718 | 15 |
| CD/BR and PWS - Saltwater Total | 435 | 2,446 | 11,879 | 24,783 | 2,858 |
| CD/BR and PWS - Combined Total | 502 | 4,878 | 16,098 | 25,272 | 2,858 |
| Upper Copper River, C/BR and PWS Total | 4,165 | 9,015 | 16,300 | 25,272 | 2,858 |

[a]From Mills 1987.

Table 6. Salmon escapement by species and district in the Copper/Bering River and Prince William Sound area, 1986.[a]

| Copper/Bering River Area | Species | | | | |
|---|---|---|---|---|---|
| District | Chinook | Sockeye | Coho | Pink | Chum |
| Copper River (212) | | | | | |
| Upper Copper River[b] | c | 509,275[c] | c | c | c |
| Copper River Delta[d] | | 73,355 | 25,790 | e | e |
| Bering River (200)[d] | | 18,975 | 9,420 | 4,000 | 300 |
| Copper/Bering River Area Total | | 601,605 | 35,210 | 4,000 | 300 |

| Prince William Sound Area | Species | | | | |
|---|---|---|---|---|---|
| District | Chinook[e] | Sockeye[f] | Coho[e] | Pink[g] | Chum[g] |
| Eastern (221) | | | | 469,080 | 148,990 |
| Northern (222) | | | | 186,130 | 60,570 |
| Coghill (223) | 10 | 69,575 | | 115,800 | 19,320 |
| Northwestern (224) | | | | 82,910 | 20,080 |
| Eshamy (225) | | 6,949 | 86 | 5,240 | 10 |
| Southwestern (226) | | | | 73,000 | 2,920 |
| Montague (227) | | | | 54,390 | 0 |
| Southeastern (228) | | | | 141,120 | 14,180 |
| Prince William Sound Area Total | 10 | 76,524 | 86 | 1,127,670 | 266,070 |

[a]Preliminary

[b]Estimated from hydroacoustical and test fishing data from the Miles Lake sonar project (Appendix C).

[c]The Miles Lake Sonar project escapement estimate is for all species the majority of which are sockeye salmon. Because the estimate of the portion of the escapement of other salmon species is not precisely known, the counts for chinook, coho, pink, and chum salmon are included in the estimate for sockeye salmon. Based on aerial survey data the escapement of pink and chum salmon to the upper Copper River is incidental and the escapement of coho salmon is very small. The 1984 aerial surveys of salmon index streams indicate that chinook salmon escapement was strong.

[d]Based on periodic aerial surveys of salmon streams (Appendix Table D2). In the Copper River District there was one weir in place at Tokun Lake and those counts were used in this estimate.

[e]Numerically insignificant and no estimates are available.

[f]The two available estimates are from weirs at Coghill and Eshamy Lakes. Other less important sockeye salmon escapements are infrequently assessed by aerial surveys (see Appendix F).

[g]Based on adjusted aerial estimates of regularly surveyed streams (Appendix F.4).

Table 7. Estimated age composition of Copper and Bering River area sockeye salmon escapements which were sampled in 1986.

| | | | | Percent of Escapement by Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 1983 | 1982 | | 1981 | | | 1980 | | | 1979 | |
| System | Location | Sample Size | Total Escapement | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 |
| Upper Copper River | Miles Lake Sonar [a] | 3,069 | 509,275 | 0.0 | 0.4 | 0.1 | 4.9 | 20.3 | 0.0 | 0.0 | 62.2 | 1.1 | 0.1 | 10.9 |
| Delta | Eyak Lake | 616 | 3,610 | 0.0 | 4.2 | 0.0 | 12.8 | 52.9 | 0.0 | 0.0 | 29.9 | 0.2 | 0.0 | 0.0 |
| | McKinley Lake | 646 | 12,900 | 0.0 | 7.9 | 0.0 | 16.3 | 46.7 | 0.0 | 0.0 | 29.1 | 0.0 | 0.0 | 0.0 |
| | 27-Mile Slough | 847 | 2,030 | 0.0 | 62.7 | 0.0 | 11.5 | 16.8 | 0.0 | 0.0 | 8.4 | 0.6 | 0.0 | 0.0 |
| | Ragged Point Lake | 713 | 3,900 | 0.1 | 13.5 | 1.1 | 43.3 | 23.6 | 0.1 | 0.0 | 16.7 | 1.4 | 0.0 | 0.2 |
| | Martin Lake | 748 | 11,200 | 0.0 | 4.5 | 0.0 | 5.9 | 63.9 | 0.0 | 0.0 | 25.3 | 0.4 | 0.0 | 0.0 |
| | Little Martin Lake | NO SAMPLE IN 1986 | | | | | | | | | | | | |
| | Tokun Lake | 1,685 | 40,505 | 0.0 | 0.7 | 0.0 | 2.4 | 47.2 | 0.0 | 0.0 | 49.7 | 0.0 | 0.0 | 0.0 |
| | Martin River Slough | 813 | 7,980 | 0.0 | 16.7 | 0.0 | 64.7 | 6.3 | 0.0 | 0.1 | 11.6 | 0.4 | 0.0 | 0.2 |
| | 39-Mile Creek | 653 | 9,500 | 0.0 | 6.6 | 0.0 | 2.0 | 36.3 | 0.0 | 0.0 | 54.0 | 0.4 | 0.0 | 0.7 |
| | Delta Total [b] | 6,721 | 91,625 | .0 | 6.3 | .0 | 12.5 | 43.0 | .0 | .0 | 37.8 | 0.2 | 0.0 | 0.1 |
| Bering River | Bering Lake | 570 | 13,200 | 0.0 | 3.9 | 0.0 | 28.7 | 35.9 | 0.0 | 0.0 | 30.7 | 0.6 | 0.0 | 0.2 |
| | Shepherd Creek | 236 | 3,600 | 0.0 | 3.4 | 0.0 | 50.9 | 21.6 | 0.0 | 0.0 | 22.9 | 0.8 | 0.0 | 0.4 |
| | Kushtaka Lake | 674 | 825 | 0.0 | 7.2 | 0.0 | 14.4 | 37.5 | 0.0 | 0.0 | 40.1 | 0.7 | 0.0 | 0.1 |
| | Bering River Total | 1,480 | 17,625 | 0.0 | 4.0 | 0.0 | 32.5 | 33.1 | 0.0 | 0.0 | 29.6 | 0.6 | 0.0 | 0.2 |

[a] The samples from the subsistence and personal use fisheries at Chitina are used to apportion the Upriver escapement which is estimated at Miles Lake.

[b] The notation 0.0 indicates a proportion of zero. The notation .0 indicates that the proportion is not zero but is less than .05%. The fractions shown do not add to 100% until the fractions less than .05% are included.

Table 8. Commercial catches of chinook salmon and effort by fishery and fishing period in the Copper/Bering River area, 1986.[a]

| | Fishing | | | Fishery | | | |
|---|---|---|---|---|---|---|---|
| | | | | Copper River | | Bering River[b] | |
| Week | Period | Dates | Hours | Effort | Catch | Effort | Catch |
| 20 | 1 | 05/12-05/13 | 24 | 389 | 3,045 | Closed | |
| 21 | 2 | 05/19-05/20 | 36 | 476 | 6,954 | Closed | |
| | 3 | 05/22-05/23 | 24 | 472 | 6,883 | Closed | |
| 22 | 4 | 05/26-05/27 | 24 | 480 | 7,237 | Closed | |
| 23 | 5 | 06/02-06/03 | 24 | 478 | 6,984 | Closed | |
| 24 | 6 | 06/09-06/10 | 24 | 486 | 3,263 | Closed | |
| | 7 | 06/12-06/13 | 24 | 462 | 1,526 | Closed | |
| 25 | 8 | 06/16-06/17 | 36 | 323 | 2,137 | 27 | 55 |
| | 9 | 06/19-06/21 | 36 | 330 | 904 | 16 | 29 |
| 26 | 10 | 06/23-06/24 | 36 | 224 | 698 | 11 | 19 |
| | 11 | 06/26-06/28 | 36 | 257 | 367 | 10 | 3 |
| 27 | 12 | 06/30-07/02 | 48 | 92 | 238 | 4 | 12 |
| | 13 | 07/03-07/05 | 36 | 138 | 139 | | |
| 28 | 14 | 07/07-07/09 | 48 | 83 | 86 | 3 | 7 |
| | 15 | 07/10-07/12 | 36 | 100 | 33 | | |
| 29 | 16 | 07/14-07/16 | 48 | 98 | 48 | | |
| | 17 | 07/17-07/19 | 36 | 126 | 29 | | |
| 30 | 18 | 07/21-07/23 | 48 | 135 | 21 | | |
| | 19 | 07/24-07/26 | 36 | 95 | 10 | | |
| 31 | 20 | 07/28-07/30 | 48 | 117 | 17 | | |
| | 21 | 07/31-08/02 | 36 | 91 | 4 | | |
| 32 | 22 | 08/04-08/07 | 84 | 169 | 14 | | |
| 33 | 23 | 08/11-08/14 | 84 | 305 | 14 | 8 | 0 |
| 34 | 24 | 08/18-08/21 | 84 | 344 | 14 | 82 | 0 |
| 35 | 25 | 08/25-08/28 | 84 | 309 | 3 | 128 | 2 |
| 36 | 26 | 09/01-09/04 | 84 | 325 | 0 | 188 | 1 |
| 37 | 27 | 09/08-09/11 | 84 | 297 | 2 | 143 | 0 |
| 38 | 28 | 09/15-09/16 | 36 | 184 | 0 | 31 | 0 |
| Total | | | 1,284 | 7,385 | 40,670 | 651 | 128 |

[a]Based on final fish ticket summaries.

[b]Includes only the waters west of Kayak Island. Waters to the east of Kayak Island are closed to commercial fishing.

Table 9. Estimated age composition of chinook salmon in the commercial catches in the Copper/Bering River area drift gill net fisheries, 1986.[a]

| | | | Percent of Catch by Brood Year and Age Group | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1983 | 1982 | 1981 | | | 1980 | | 1979 | | |
| District | Sample Size | Total Catch | 0.2 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 1.5 | 2.4 | 3.3 |
| Copper River (212) | 2,766 | 40,670 | 0.1 | 5.8 | 0.1 | 53.5 | 0.1 | 34.4 | 3.9 | 0.6 | 1.5 | 0.0 |

[a]Based on data from a systematic, stratified sampling program and final fish ticket summaries.

Table 10. Commercial catches of coho salmon and effort by fishery and fishing period in the Copper/Bering River area, 1986.[a]

| | Fishing | | | Fishery | | | |
|---|---|---|---|---|---|---|---|
| | | | | Copper River | | Bering River | |
| Week | Period | Dates | Hours | Effort | Catch | Effort | Catch |
| 20 | 1 | 05/12-05/13 | 24 | 389 | 0 | Closed | |
| 21 | 2 | 05/19-05/20 | 36 | 476 | 0 | Closed | |
| | 3 | 05/22-05/23 | 24 | 472 | 8 | Closed | |
| 22 | 4 | 05/26-05/27 | 24 | 480 | 0 | Closed | |
| 23 | 5 | 06/02-06/03 | 24 | 478 | 0 | Closed | |
| 24 | 6 | 06/09-06/10 | 24 | 486 | 13 | Closed | |
| | 7 | 06/12-06/13 | 24 | 462 | 15 | Closed | |
| 25 | 8 | 06/16-06/17 | 36 | 323 | 61 | 27 | 1 |
| | 9 | 06/19-06/21 | 36 | 330 | 124 | 16 | 0 |
| 26 | 10 | 06/23-06/24 | 36 | 224 | 469 | 11 | 0 |
| | 11 | 06/26-06/28 | 36 | 257 | 169 | 10 | 0 |
| 27 | 12 | 06/30-07/02 | 48 | 92 | 49 | 4 | 0 |
| | 13 | 07/03-07/05 | 36 | 138 | 217 | | |
| 28 | 14 | 07/07-07/09 | 48 | 83 | 231 | 3 | 0 |
| | 15 | 07/10-07/12 | 36 | 100 | 397 | | |
| 29 | 16 | 07/14-07/16 | 48 | 98 | 727 | | |
| | 17 | 07/17-07/19 | 36 | 126 | 1,762 | | |
| 30 | 18 | 07/21-07/23 | 48 | 135 | 1,783 | | |
| | 19 | 07/24-07/26 | 36 | 95 | 2,295 | | |
| 31 | 20 | 07/28-07/30 | 48 | 117 | 2,900 | | |
| | 21 | 07/31-08/02 | 36 | 91 | 4,513 | | |
| 32 | 22 | 08/04-08/07 | 84 | 169 | 17,932 | | |
| 33 | 23 | 08/11-08/14 | 84 | 305 | 39,071 | 8 | 608 |
| 34 | 24 | 08/18-08/21 | 84 | 344 | 74,715 | 82 | 22,562 |
| 35 | 25 | 08/25-08/28 | 84 | 309 | 52,591 | 128 | 43,134 |
| 36 | 26 | 09/01-09/04 | 84 | 325 | 63,645 | 188 | 29,928 |
| 37 | 27 | 09/08-09/11 | 84 | 297 | 27,229 | 143 | 17,505 |
| 38 | 28 | 09/15-09/16 | 36 | 184 | 5,064 | 31 | 2,071 |
| Total | | | 1,284 | 7,385 | 295,980 | 651 | 115,809 |

[a]Based on final fish ticket summaries.

[b]Includes only waters west of Kayak Island. Waters to the east of Kayak Island were closed to commercial fishing by action of the Board of Fisheries in 1985.

Table 11. Estimated age composition of the coho salmon in the commercial catches in the drift gill net fisheries in the Copper/Bering River area, 1986.[a]

| Fishery | Sample Size | Total Catch | Percent of Catch by Brood Year and Age Group 1983 1.1 | 1983 2.0 | 1982 2.1 | 1981 3.1 |
|---|---|---|---|---|---|---|
| Copper River | 1,310 | 295,980 | 18.3 | 0.1 | 78.8 | 2.8 |
| Bering River | 723 | 115,809 | 13.3 | 0.0 | 76.4 | 10.3 |

[a]Catch data are from final fish ticket summaries. The age composition data for the Bering River fisheries are based on samples from the large catches in subdistricts 10 and 20 to the west of Kayak Island.

Table 12. Weekly catches of sockeye salmon and weekly fishing effort in the commercial fisheries of Prince William Sound, 1986.[a]

| Week | | Gill Net Fisheries | | | | | | | | | Purse Seine Fisheries | | | Total PWS Catch |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Coghill Drift Gill Net | | | Unakwik Drift Gill Net | | | Eshamy Drift and Set Gill Net | | | General Purse Seine | | | |
| No. | Dates | Hours | Effort | Catch | Hours | Effort | Catch | Hours | Effort | Catch | Hours | Effort | Catch | |
| 25 | 6/15-6/21 | 87 | 164 | 8,539 | 0 | 0 | 0 | Closed | | Closed | Closed | | Closed | 8,539 |
| 26 | 6/22-6/28 | 87 | 244 | 52,067 | 87 | 21 | 4,950 | Closed | | Closed | Closed | | Closed | 57,017 |
| 27 | 6/29-7/05 | 111 | 340 | 144,121 | 111 | 33 | 11,302 | Closed | | Closed | 39 | 137 | 11,109 | 166,532 |
| 28 | 7/06-7/12 | 87 | 344 | 86,213 | 87 | 26 | 5,949 | Closed | | Closed | 39 | 205 | 11,662 | 103,824 |
| 29 | 7/13-7/19 | 87 | 289 | 53,028 | 87 | 11 | 2,239 | Closed | | Closed | 63 | 217 | 15,511 | 70,778 |
| 30 | 7/20-7/26 | 81 | 239 | 26,664 | 81 | 7 | 892 | Closed | | Closed | 63 | 232 | 12,802 | 40,358 |
| 31 | 7/27-8/02 | 111 | 149 | 10,100 | 111 | 2 | 397 | 138 | 15 | 195 | 63 | 238 | 8,177 | 18,869 |
| 32 | 8/03-8/09 | 63 | 39 | 833 | 63 | 2 | 30 | 168 | 14 | 255 | 63 | 241 | 4,435 | 5,553 |
| 33 | 8/10-8/16 | 111 | 0 | 0 | 111 | 0 | 0 | 168 | 13 | 239 | 111 | 225 | 10,313 | 10,552 |
| 34 | 8/17-8/23 | 111 | 0 | 0 | 111 | 0 | 0 | 168 | 13 | 336 | 111 | 177 | 5,364 | 5,700 |
| 35 | 8/24-8/30 | 111 | 0 | 0 | 111 | 0 | 0 | 141 | 4 | 22 | 111 | 62 | 1,122 | 1,144 |
| Total | | 1,047 | 1,808 | 381,565 | 960 | 102 | 25,759 | 783 | 59 | 1,047 | 663 | 1,734 | 29,411 | 488,866 |

[a]Catch data are from preliminary fish ticket summaries.

Table 13. Estimated age composition of sockeye salmon in the commercial catches from the drift gill net and purse seine fisheries in Prince William Sound, 1986.[a]

| | | | Percent of Catchy Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1983 | | 1982 | | | 1981 | | 1980 | | | 1979 |
| Fishery | Sample Size | Total Catch | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 3.3 |
| Unakwik Drift Gill Net | 1,179 | 25,759 | 0.0 | 0.0 | 0.7 | 6.8 | 0.0 | 85.9 | 1.0 | 0.4 | 5.2 | 0.0 | 0.0 |
| Coghill Drift Gill Net | 2,352 | 381,565 | 0.0 | 0.0 | 0.3 | 10.0 | 0.0 | 77.4 | 2.8 | 0.2 | 9.3 | .0 | 0.0 |
| General Purse Seine | 3,278 | 42,180 | .0 | 0.5 | 0.3 | 44.8 | 0.2 | 37.2 | 9.0 | 0.0 | 7.9 | 0.1 | .0 |

[a]Based on age composition data from systematic, stratified sampling programs in each fishery and catch data from final fish ticket summaries.

[b]Based predominately on samples from sockeye salmon catches in the Southwest District.

Table 14. Estimated age composition of the sockeye salmon escapements in Prince William Sound, 1986.[a]

| | | | Percent of Escapement by Brood Year and Age Group | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1983 | 1982 | | | 1981 | | 1980 | |
| | Sample Size | Total Escapement | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 |
| Coghill Lake | 1,723 | 69,575 | 0.1 | 0.1 | 26.1 | 0.0 | 65.0 | 4.5 | 0.1 | 4.1 |
| Eshamy Lake | 1,275 | 6,949 | 1.3 | 0.0 | 73.8 | 0.4 | 7.4 | 16.0 | 0.0 | 1.1 |

[a]Based on age composition data from stratified, systematic sampling of the daily escapement through weirs at both lakes.

Table 15. Weekly commercial catches of chum salmon by district and gear in Prince William Sound, 1986.[a]

| Week | | Fisheries | | | | | | | | | | | | Total PWS Catch |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Drift Gill Net | | | Set Gill Net | Purse Seine | | | | | | | | |
| No. | Dates | Coghill | Unakwik | Eshamy[b] | Eshamy[b] | Eastern | Northern | Unakwik | Coghill | Northwest | Southwest | Montague | Southeast | |
| 25 | 6/15-6/21 | 13,432 | 0 | Closed | Closed | Closed | Closed | Closed | Closed | Closed | Closed | Closed | Closed | 13,432 |
| 26 | 6/22-6/28 | 31,241 | 155 | Closed | Closed | Closed | Closed | Closed | Closed | Closed | Closed | Closed | Closed | 31,396 |
| 27 | 6/29-7/05 | 59,526 | 1,063 | Closed | Closed | 91,341 | Closed | Closed | Closed | Closed | Closed | Closed | 0 | 151,930 |
| 28 | 7/06-7/12 | 48,498 | 337 | Closed | Closed | 121,492 | 127,263 | 1,100 | 10,417 | Closed | Closed | 0 | 145 | 309,252 |
| 29 | 7/13-7/19 | 23,065 | 519 | 0 | 0 | 131,275 | 47,881 | 1,053 | 12,601 | 39,769 | 20,867 | 0 | 17,169 | 294,199 |
| 30 | 7/20-7/26 | 29,514 | 97 | 0 | 0 | 132,691 | 32,281 | 2,424 | 2,305 | 24,057 | 31,953 | 0 | 10,114 | 265,436 |
| 31 | 7/27-8/02 | 9,506 | 253 | 44 | 1,557 | 166,942 | 25,717 | 98 | 1,640 | 7,163 | 59,979 | 0 | 6,757 | 279,656 |
| 32 | 8/03-8/09 | 4,189 | 39 | 0 | 2,019 | 133,243 | 12,811 | 0 | 115 | 2,975 | 32,137 | 0 | 2,667 | 190,195 |
| 33 | 8/10-8/16 | 0 | 0 | 21 | 1,258 | 50,181 | 2,976 | 0 | 0 | 1,100 | 38,232 | 0 | 51 | 93,819 |
| 34 | 8/17-8/23 | 0 | 0 | 0 | 870 | 21,169 | 166 | 0 | 0 | 0 | 9,552 | 0 | 0 | 31,757 |
| 35 | 8/24-8/30 | 0 | 0 | 0 | 60 | 138 | 0 | 0 | 0 | 0 | 1,096 | 0 | 0 | 1,294 |
| 36 | 8/31-9/06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37 | 9/07-9/13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | 218,971 | 2,463 | 65 | 5,764 | 848,472 | 249,095 | 4,675 | 27,078 | 75,064 | 193,816 | 0 | 36,903 | 1,662,366 |

[a]From final fish ticket data.

[b]Main Bay Subdistrict only.

Table 16. Estimated age composition of chum salmon in the commercial catches in the Prince William Sound purse seine and gill net fisheries, 1986.[a]

| | | | Percent of Catch by Brood Year and Age Group b/ | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1984 | 1983 | 1982 | 1981 | 1980 | 1979 |
| | Sample | Total | ---- | ---- | ---- | ---- | ---- | ---- |
| Purse Seine Fisheries | Size | Catch | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 |
| Eastern District | 2,573 | 848,472 | 0.0 | 1.3 | 79.7 | 18.8 | 0.2 | 0.0 |
| Northern District | 2,127 | 249,095 | 0.0 | 4.4 | 86.6 | 9.0 | 0.0 | 0.0 |
| Northwestern District | 1,182 | 75,064 | 0.0 | 0.7 | 76.8 | 21.1 | 1.4 | 0.0 |
| Southwestern District | 1,669 | 193,816 | 0.1 | 3.4 | 80.3 | 16.0 | 0.2 | 0.0 |
| Southeastern District | 1,116 | 36,903 | 0.0 | 3.0 | 79.3 | 17.6 | 0.1 | 0.0 |
| Combined Purse Seine | 8,667 | 1,403,350 | 0.0 | 2.2 | 80.8 | 16.8 | 0.2 | 0.0 |
| Gill Net Fisheries | | | | | | | | |
| Coghill District | 764 | 218,971 | 0.0 | 3.0 | 85.0 | 11.4 | 0.6 | 0.0 |
| Unakwik District | NA | NA | NA | NA | NA | NA | NA | NA |
| Eshamy District | NA | NA | NA | NA | NA | NA | NA | NA |
| Combined Gill Net | 764 | 218,971 | 0.0 | 3.0 | 85.0 | 11.4 | 0.6 | 0.0 |

[a]Based on age composition data from systematic, stratified sampling programs in each district and final catch data.

[b]The notation .0% indicates less than .05% whereas 0.0% indicates absence of the age group.

Table 17. Weekly commercial catches of pink salmon by district and gear in Prince William Sound, 1986.[a]

| Week | | Drift Gill Net | | | Set Gill Net | Purse Seine | | | | | | | | Total PWS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | Dates | Coghill | Unakwik | Eshamy b/ | Eshamy b/ | Eastern | Northern | Unakwik | Coghill | Northwest | Southwest | Montague | Southeast | Catch |
| 25 | 6/15-6/19 | 357 | Closed | Closed | Closed | Closed | Closed | Closed | Closed | Closed | Closed | Closed | Closed | 357 |
| 26 | 6/22-6/28 | 3,947 | 66 | Closed | Closed | Closed | Closed | Closed | Closed | Closed | Closed | Closed | Closed | 4,013 |
| 27 | 6/29-7/05 | 3,013 | 402 | Closed | Closed | 619,217 | Closed | Closed | Closed | Closed | Closed | Closed | 0 | 622,632 |
| 28 | 7/06-7/12 | 7,637 | 410 | Closed | Closed | 405,105 | 34,369 | 75 | 22,094 | Closed | Closed | 0 | 864 | 470,554 |
| 29 | 7/13-7/19 | 5,836 | 356 | Closed | Closed | 255,266 | 57,615 | 1,028 | 65,440 | 53,171 | 160,900 | 0 | Closed | 599,612 |
| 30 | 7/20-7/26 | 16,487 | 99 | Closed | Closed | 208,364 | 152,356 | 2,030 | 10,119 | 84,051 | 258,731 | 0 | 37,152 | 769,389 |
| 31 | 7/27-8/02 | 20,888 | 550 | 143 | 5,597 | 276,061 | 268,675 | 1,585 | 45,398 | 89,938 | 947,692 | 0 | 50,510 | 1,707,037 |
| 32 | 8/03-8/09 | 10,722 | 90 | Closed | 8,137 | 287,498 | 170,757 | 0 | 2,655 | 38,760 | 1,269,937 | 0 | 35,200 | 1,823,756 |
| 33 | 8/10-8/16 | 0 | 0 | 795 | 17,449 | 268,057 | 214,005 | 0 | 0 | 19,264 | 2,754,541 | 0 | 19,720 | 3,293,831 |
| 34 | 8/17-8/23 | 0 | 0 | 0 | 10,085 | 162,504 | 40,403 | 0 | 0 | 0 | 877,278 | 0 | 3,822 | 1,094,092 |
| 35 | 8/24-8/30 | 0 | 0 | 0 | 855 | 6,468 | 0 | 0 | 0 | 0 | 105,456 | 0 | 0 | 112,779 |
| 36 | 8/31-9/06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37 | 9/07-9/13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | 68,887 | 1,973 | 938 | 42,123 | 2,488,540 | 938,180 | 4,718 | 145,706 | 285,184 | 6,374,535 | 0 | 147,268 | 10,498,052 |

[a]Data from final fish ticket summary.

[b]Main Bay Subdistrict only.

Table 18. Estimated hatchery contributions to pink salmon catches in the common property fisheries, hatchery sales harvests, hatchery brood stock escapements, and total return of pink salmon, Prince William Sound, 1986.

| | | Estimated 1986 | | | |
|---|---|---|---|---|---|
| Hatchery | 1985 Fry Release | Common Property Commercial Catch | Sales Harvest | Broodstock Escapement | Total Return |
| Solomon Gulch | 51,300,000 | 1,008,000 | 91,392 | 142,000 | 1,241,392 |
| A. F. Koernig | 103,500,000 | 3,972,000 | 817,827 | 277,700 | 5,067,527 |
| Cannery Creek | 36,500,000 | 691,000 | | 71,100 | 762,100 |
| Main Bay | 29,300,000 | 188,000 | | 10,000 | 198,000 |
| Total | 220,600,000 | 5,859,000 | 909,219 | 500,800 | 7,269,019 |

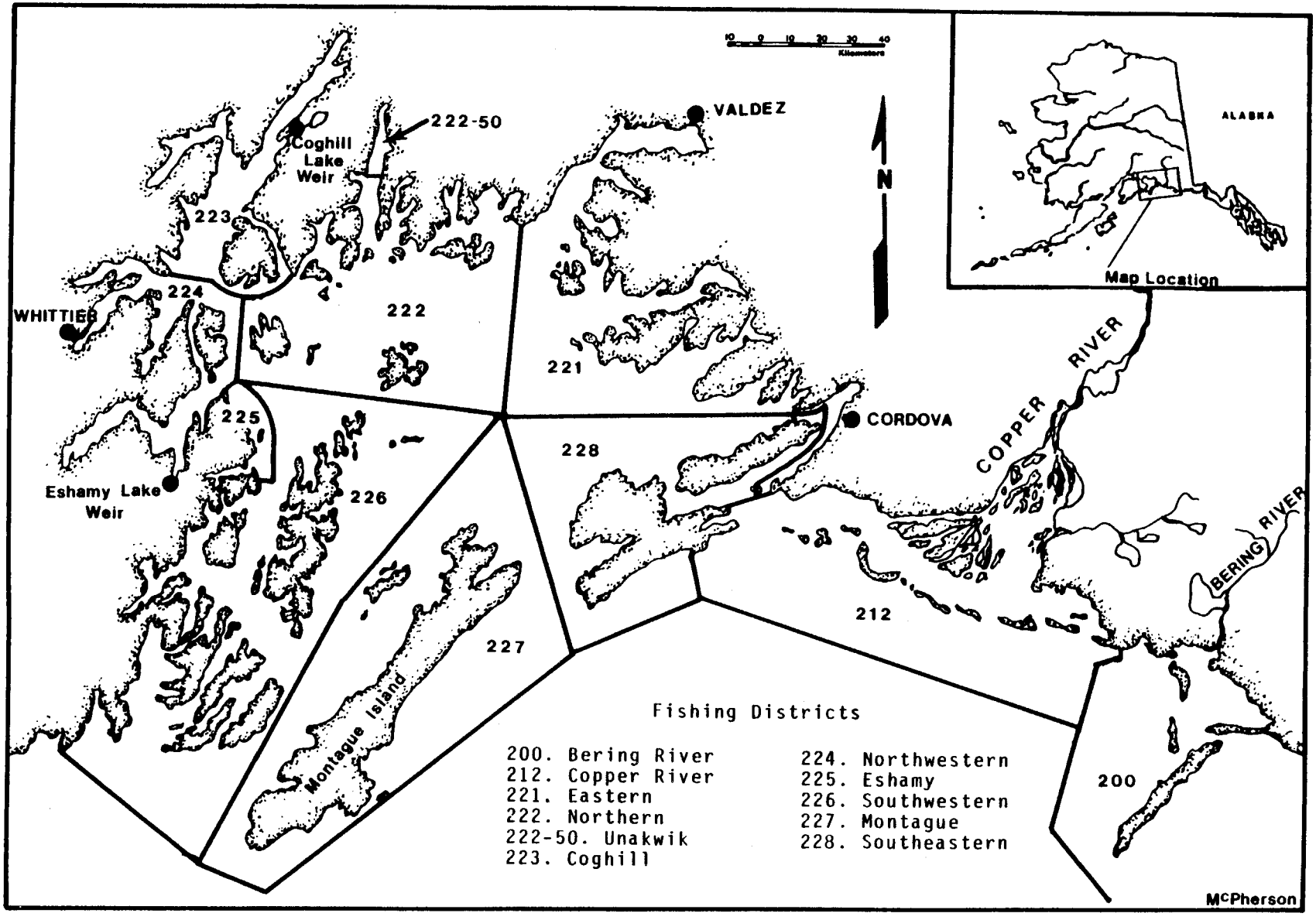



Figure 1. Prince William Sound commercial fishing districts and major salmon spawning areas.

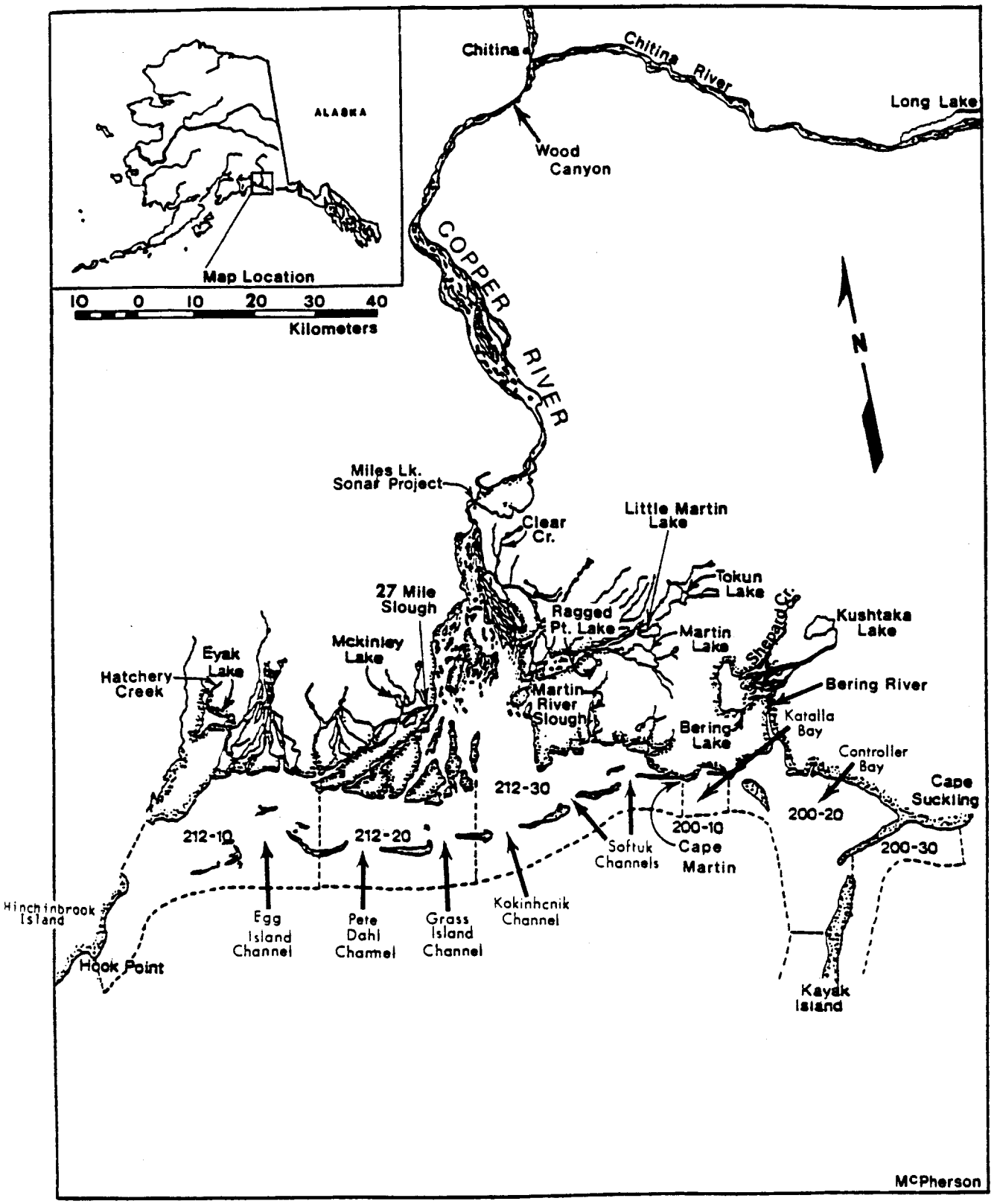



Figure 2. The Copper River and Bering River commercial fishing districts and major spawning areas for salmon stocks which contribute to the Copper River delta and Bering River escapements.

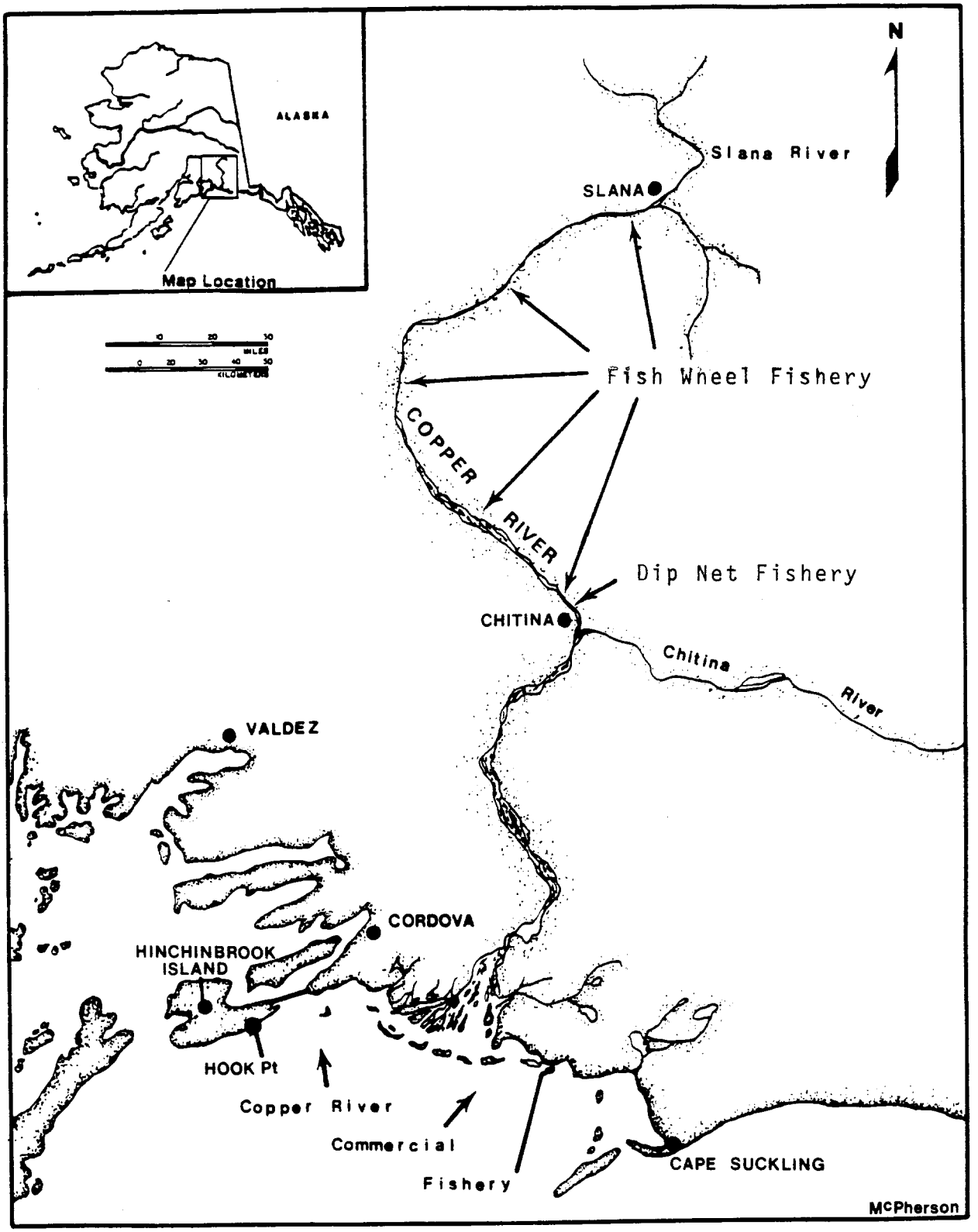
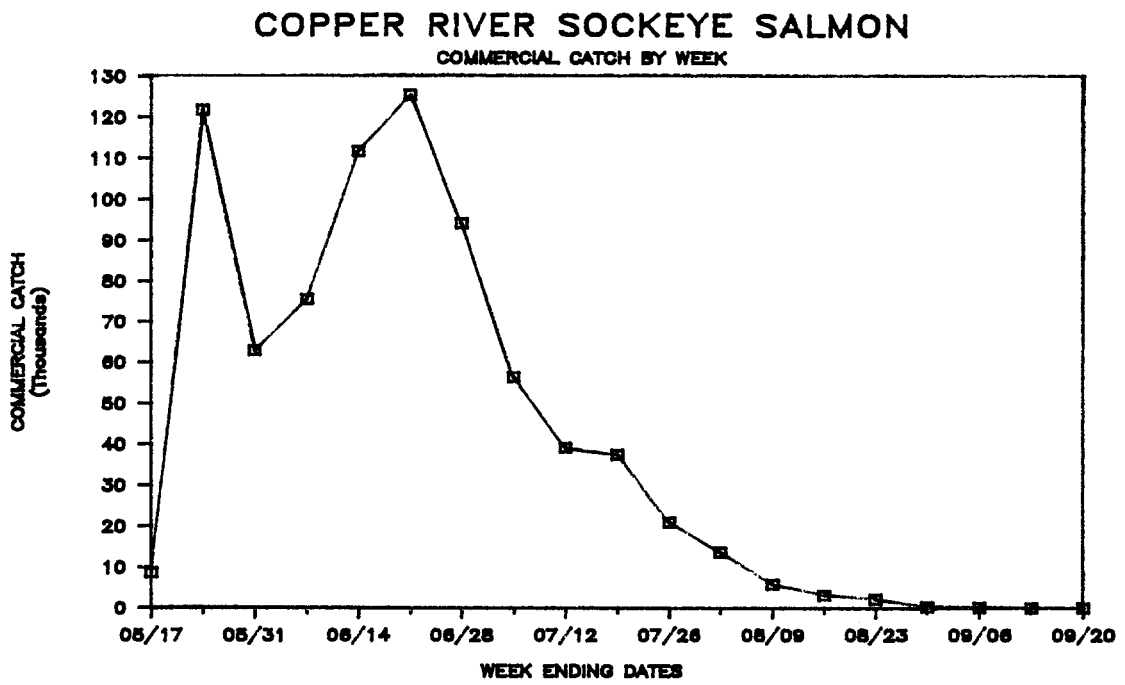



Figure 3. The Copper River drainage showing the location of the subsistence and personal use dip net fishery at Chitina and the subsistence fish wheel fishery which extends from Chitina to Slana along the upper Copper River.



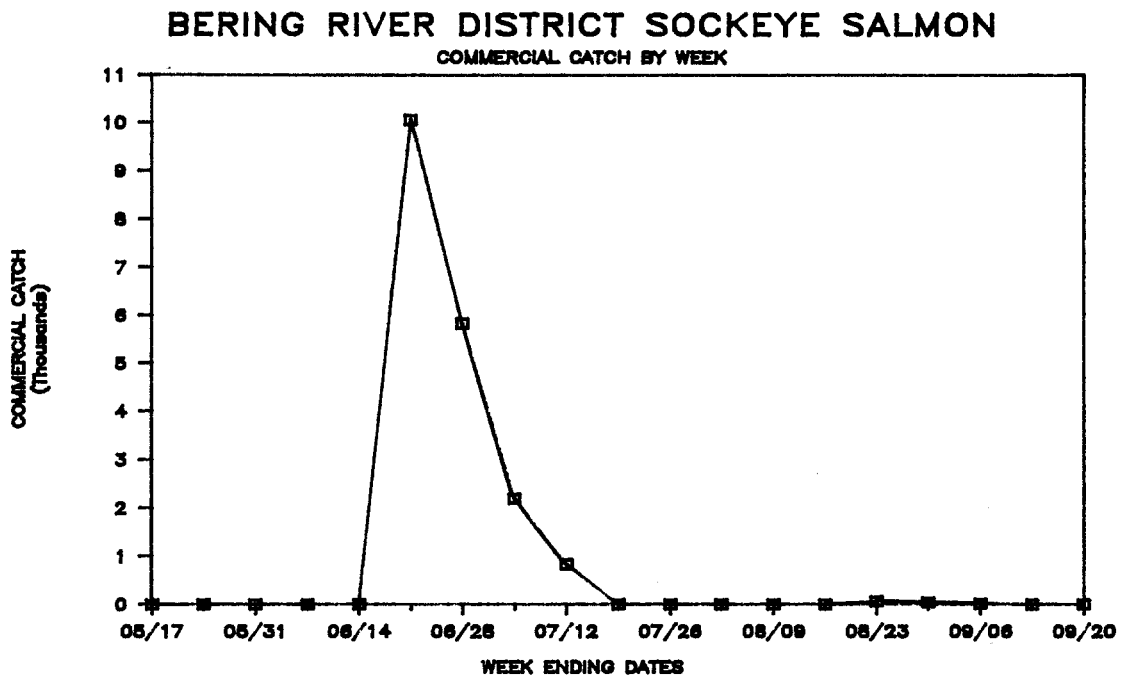
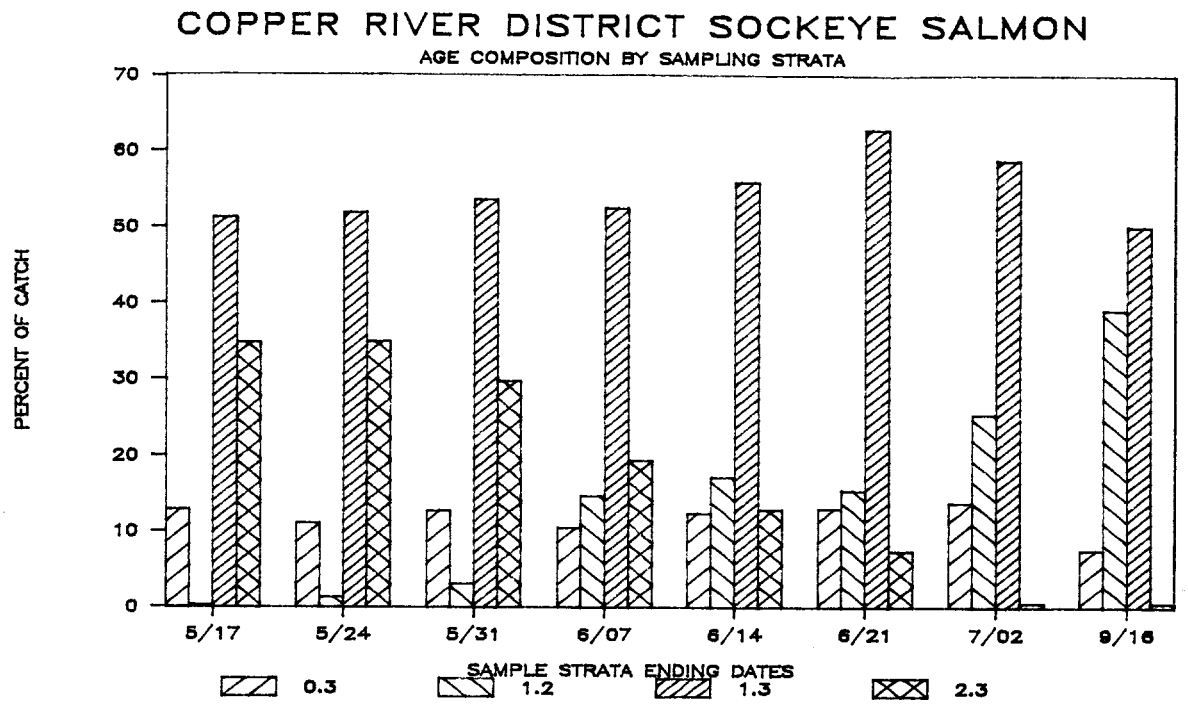




Figure 4. Sockeye salmon commercial catch by period in the drift gill net fisheries of the Copper River and Bering River Districts, 1986.



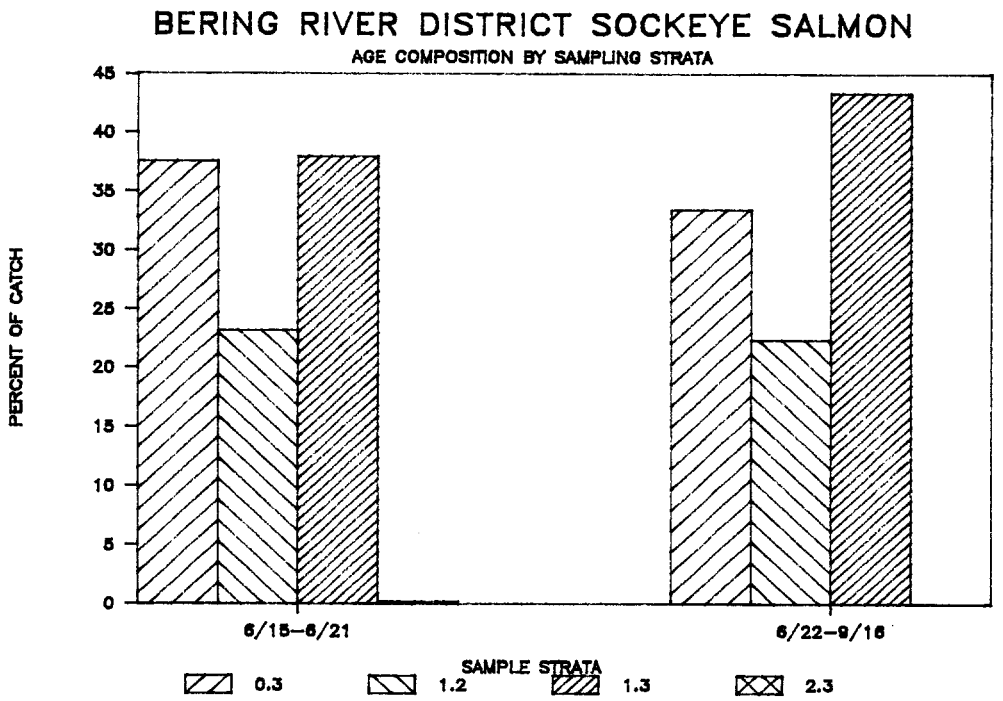
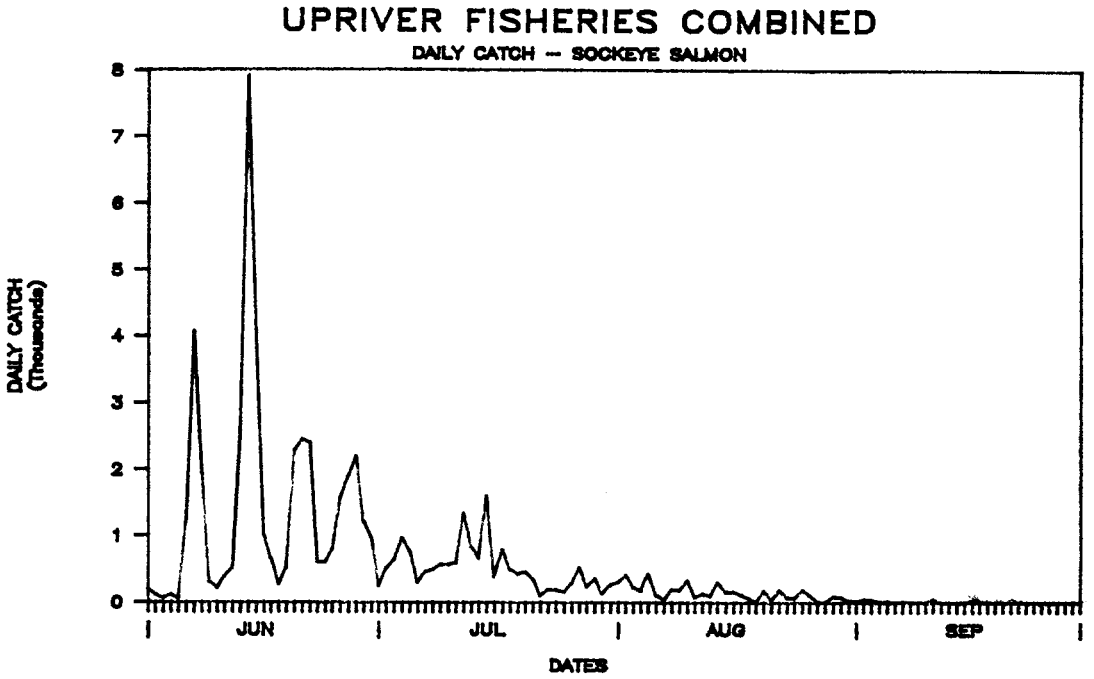




Figure 5. The age composition of sockeye salmon in the temporally stratified catch samples from the drift gill net fisheries in the Copper and Bering River Districts, 1986.



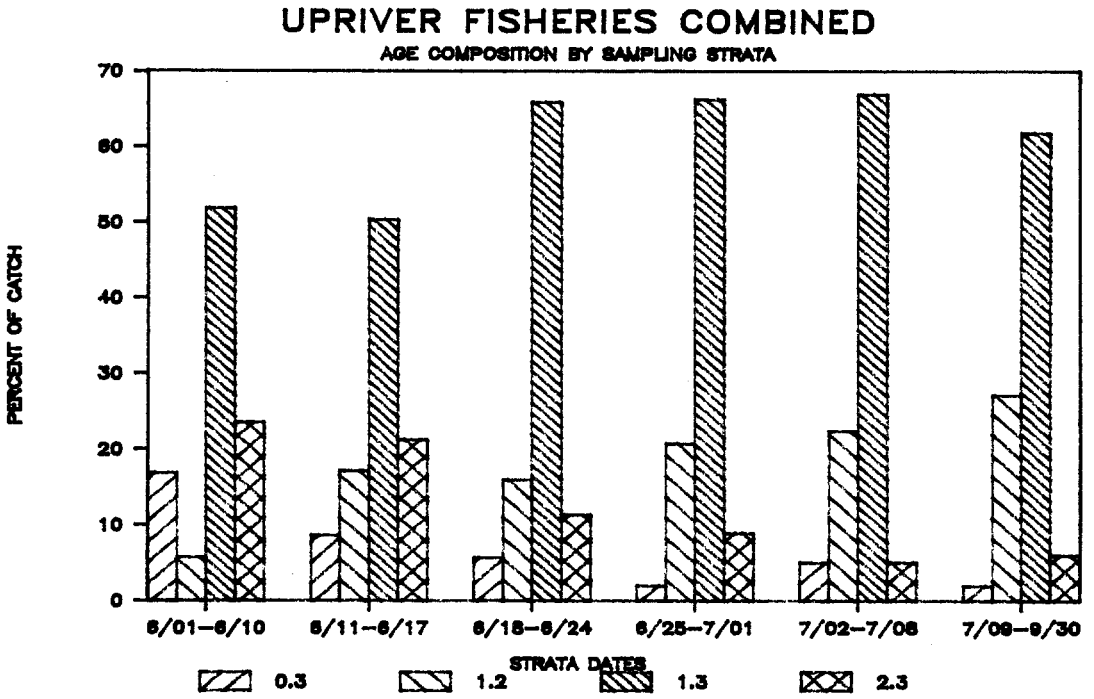
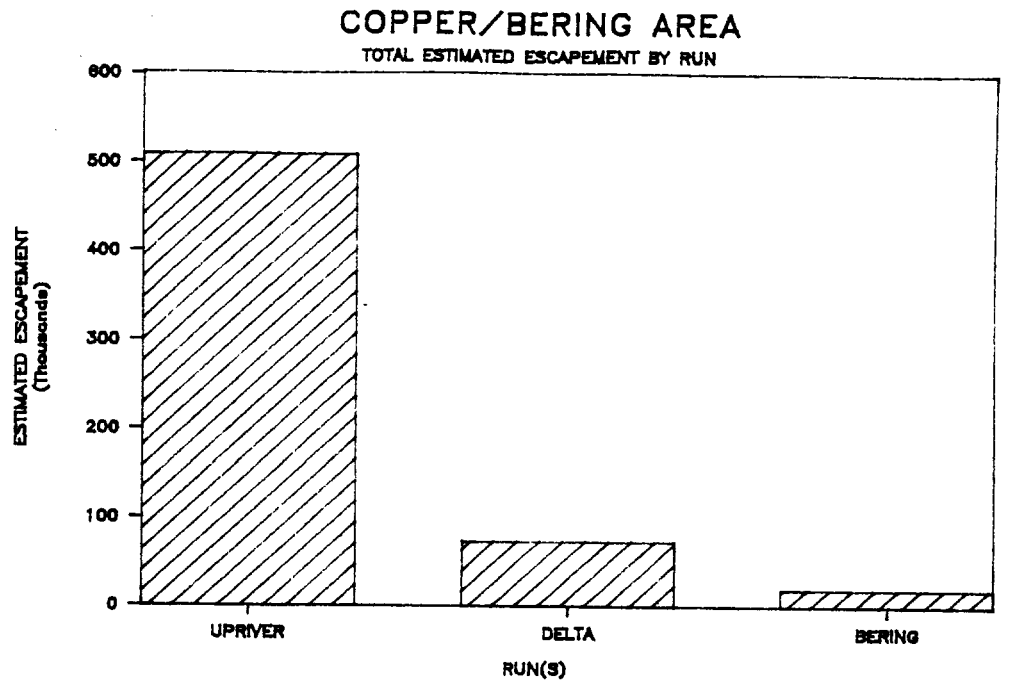




Figure 6. Daily catch of sockeye salmon in the combined subsistence and personal use fisheries on the upper Copper River and the age composition of sockeye salmon in the temporally stratified samples from those catches, 1986.



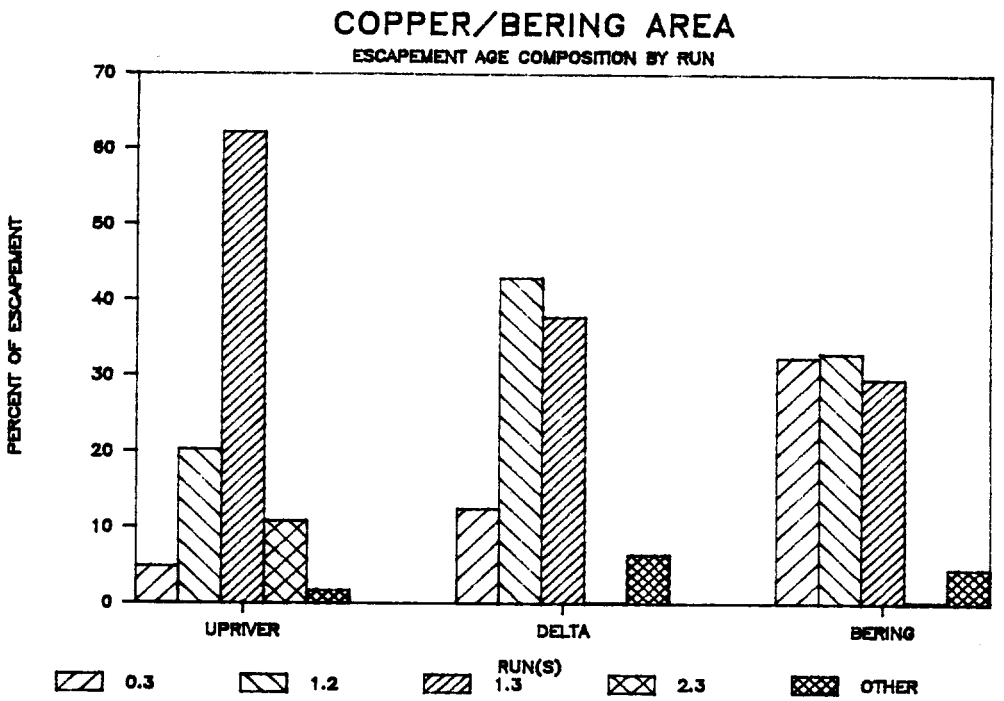
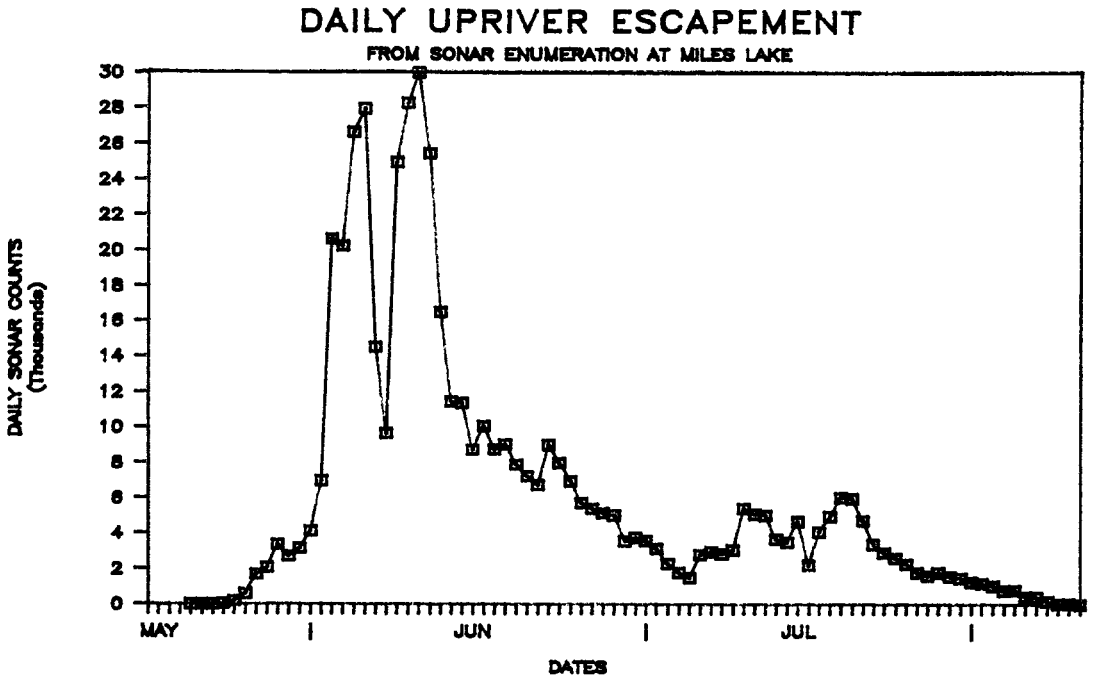




Figure 7. Sockeye salmon escapement to the upper Copper River, Copper River delta, and Bering River from the commercial drift gill net fisheries in the Copper and Bering River Districts and the estimated age composition of those escapements, 1986. The upriver escapement is from hydro-acoustic enumeration at the Miles Lake Sonar Project and coastal escapements are based on data from periodic aerial surveys.



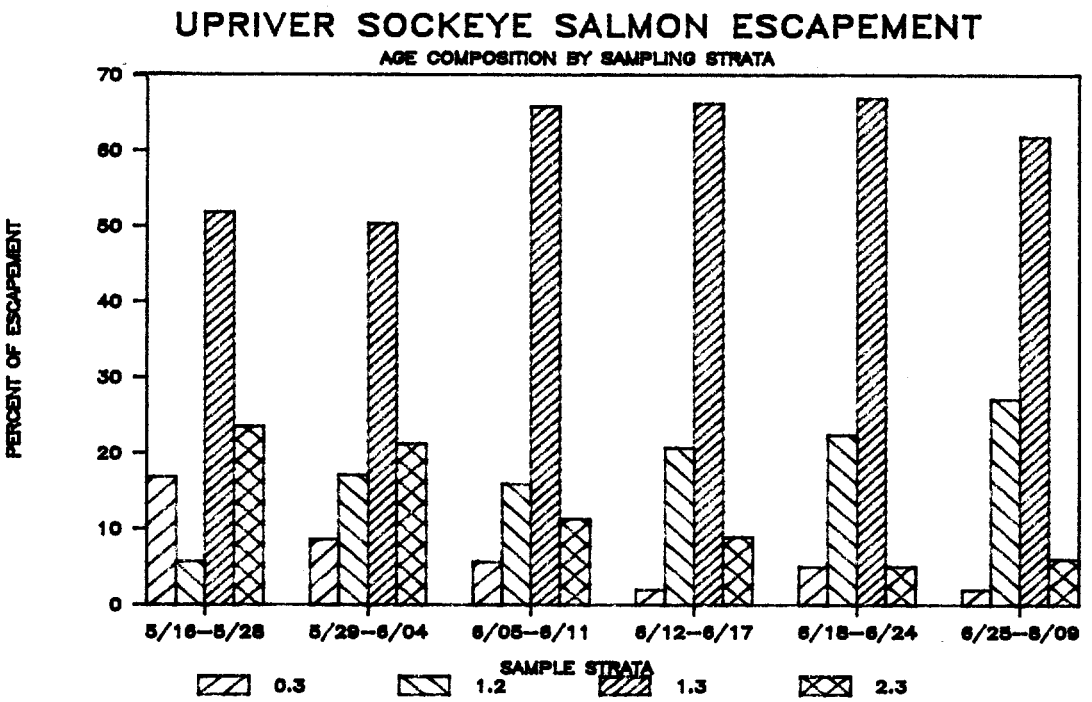
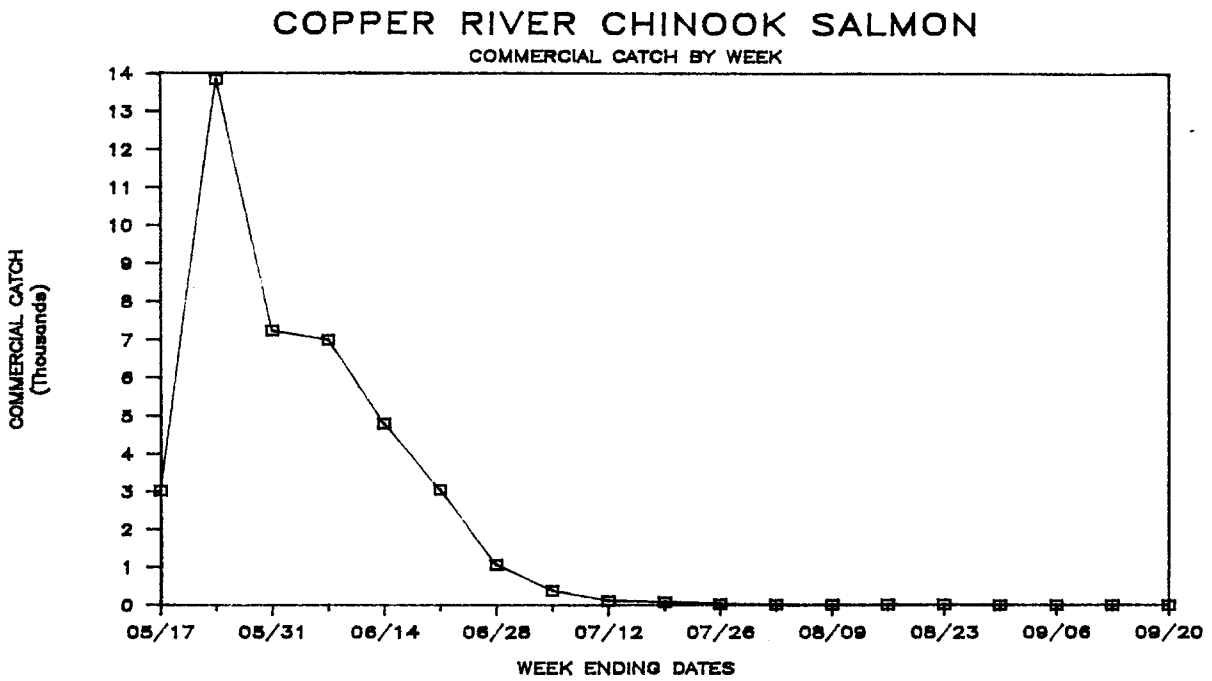




Figure 8. Daily counts of the sockeye salmon escapement to the upper Copper River past the Miles Lake Sonar Project and the temporally stratified age composition of that escapement, 1986.



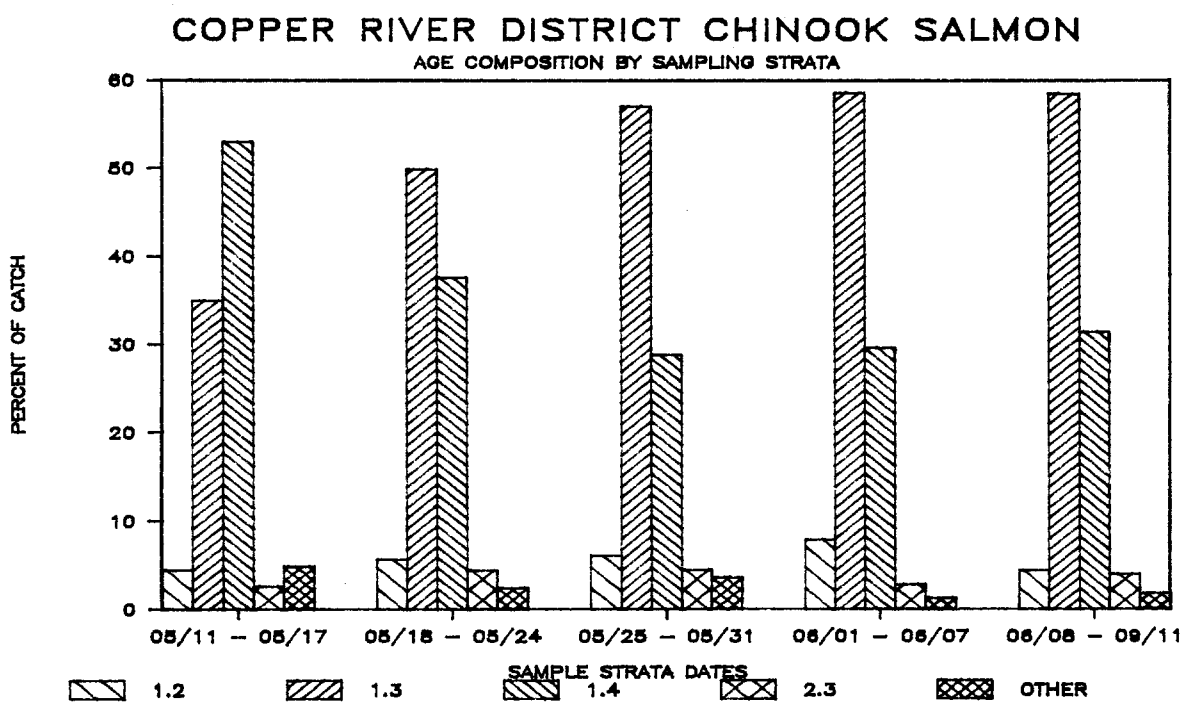
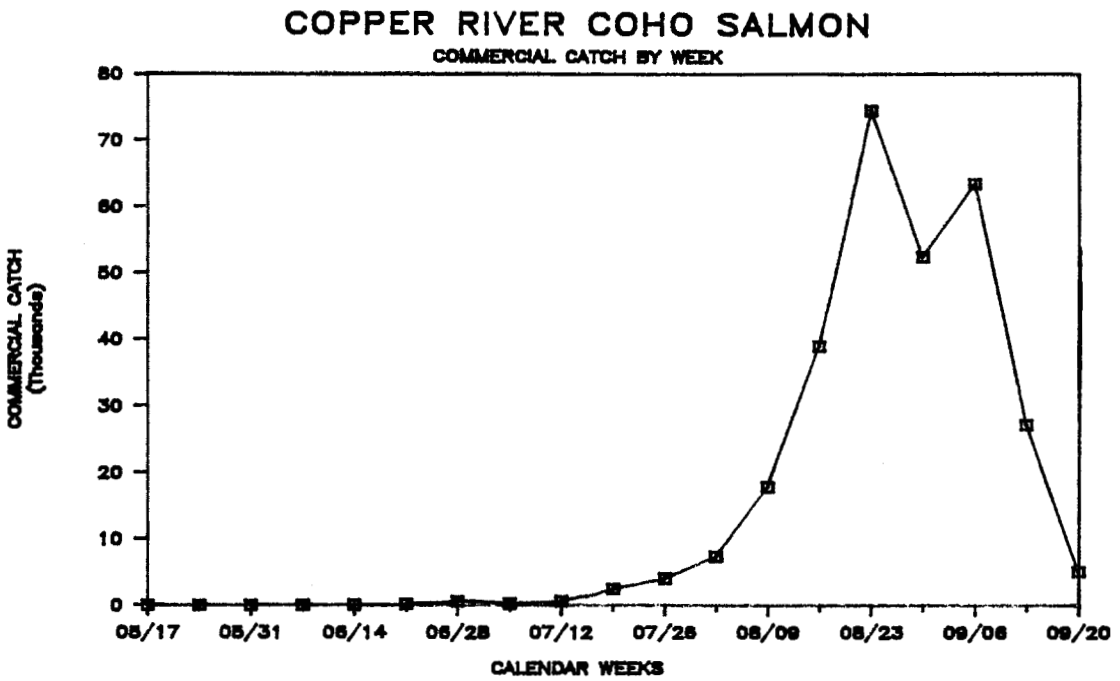




Figure 9. Chinook salmon commercial catch by period in the Copper River District drift gill net fishery and the age composition of chinook salmon in the temporally stratified samples from those catches, 1986.



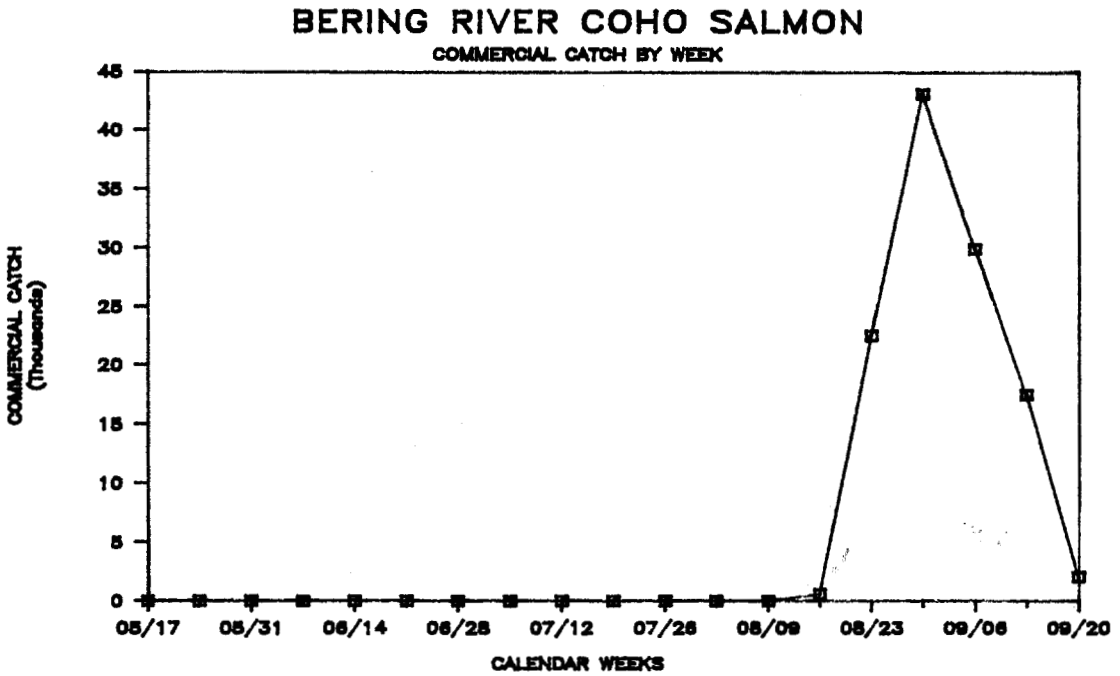
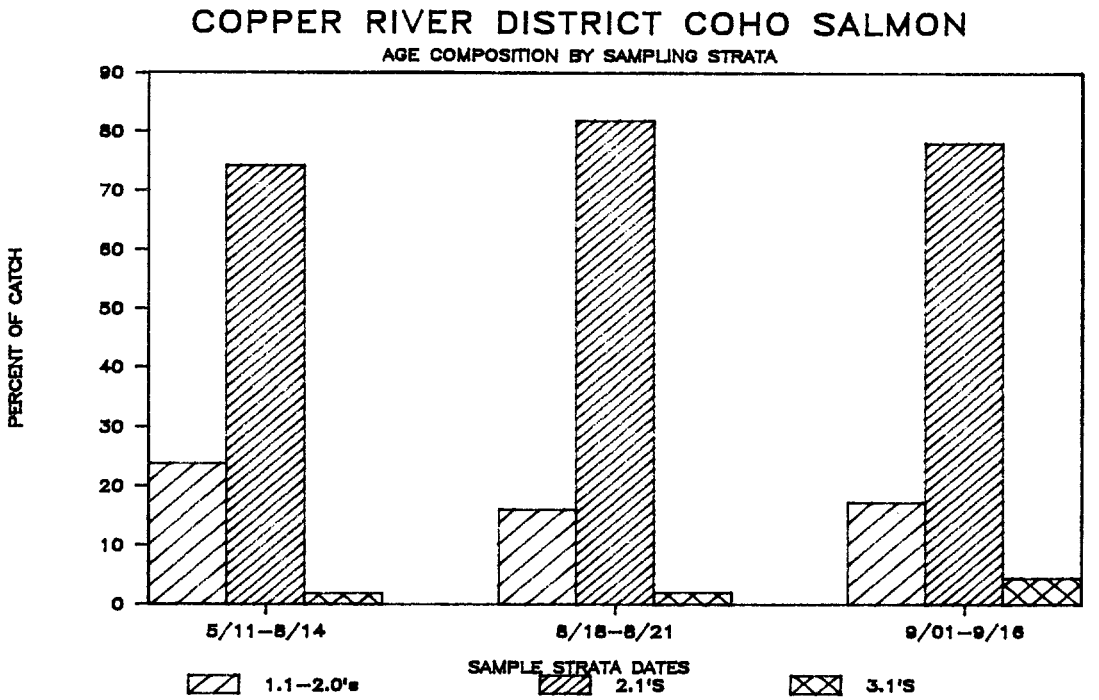




Figure 10. Coho salmon commercial catch by period in the drift gill net fisheries of the Copper River and Bering River Districts, 1986.



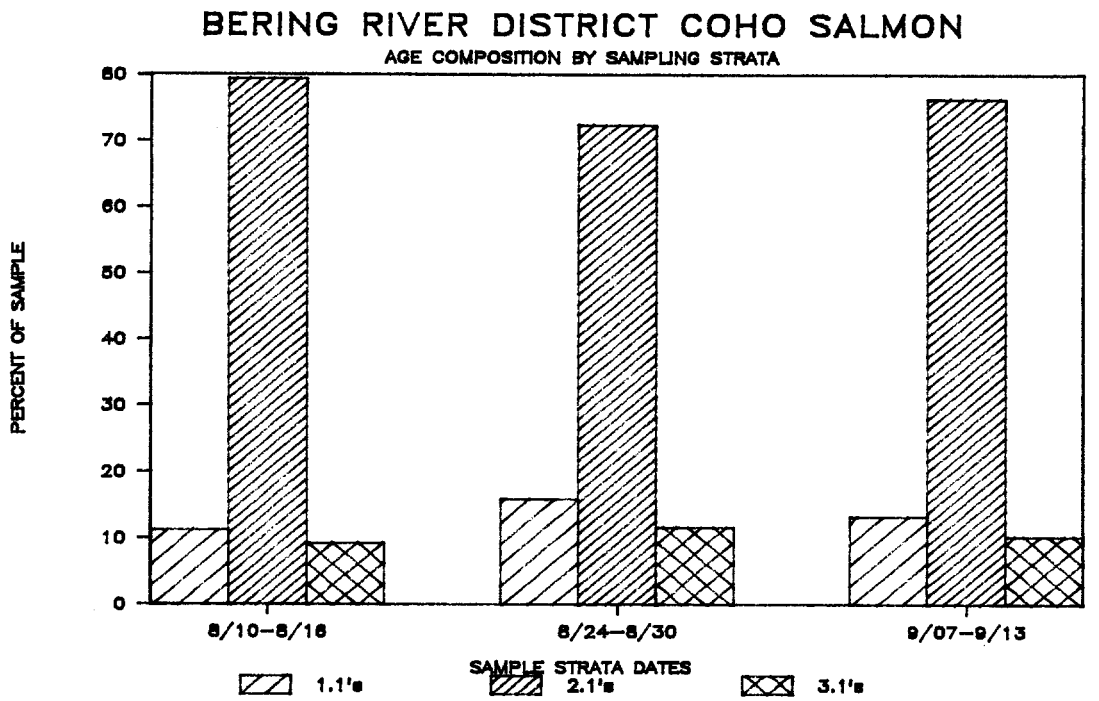




Figure 11. The age composition of coho salmon in the temporally stratified catch samples from the drift gill net fisheries in the Copper and Bering River Districts, 1986.

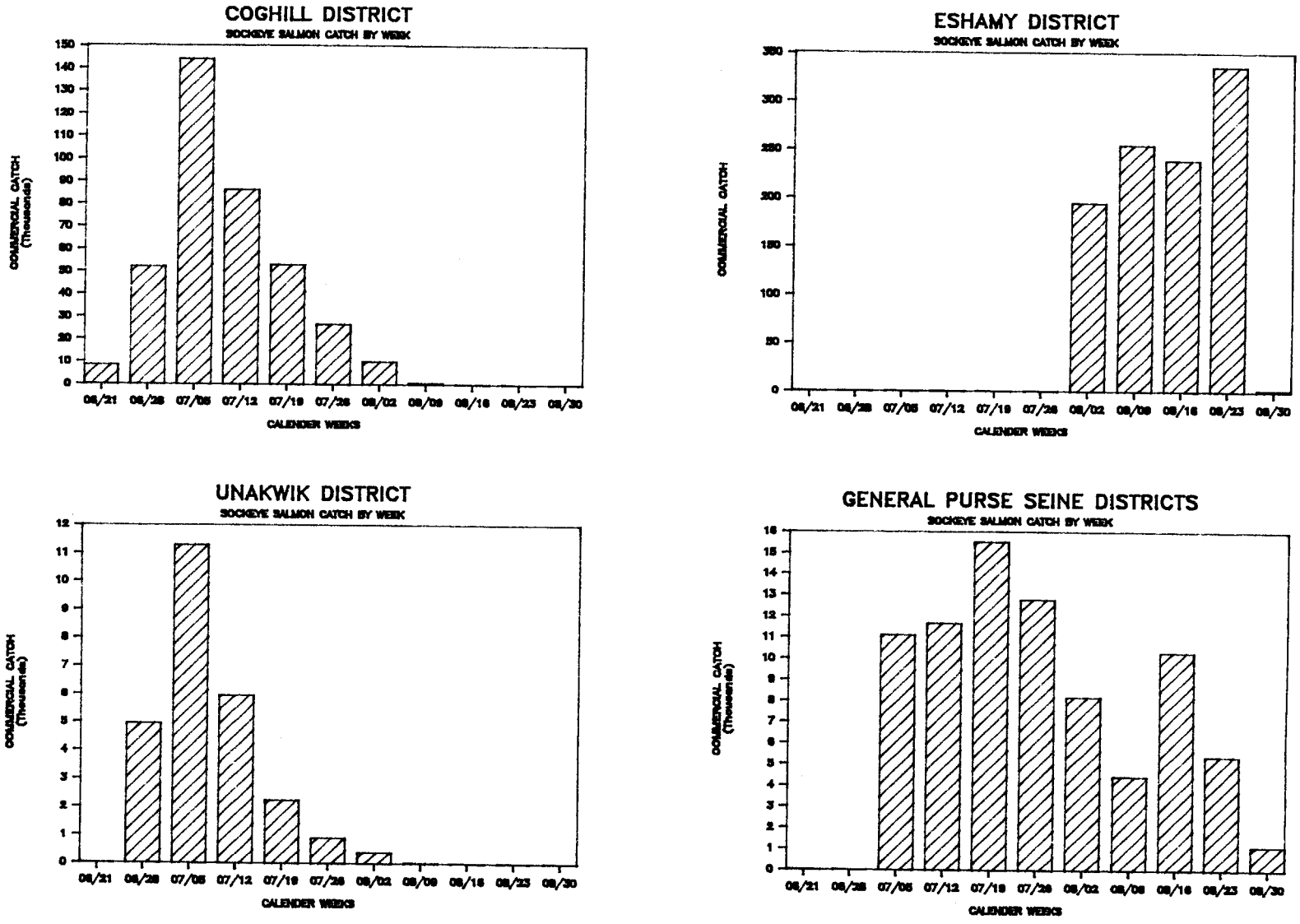



Figure 12. Commercial catch of sockeye salmon by calendar week in the Coghill, Unakwik, and Eshamy gill net fisheries and in the combined purse seine fisheries of Prince William Sound, 1986.

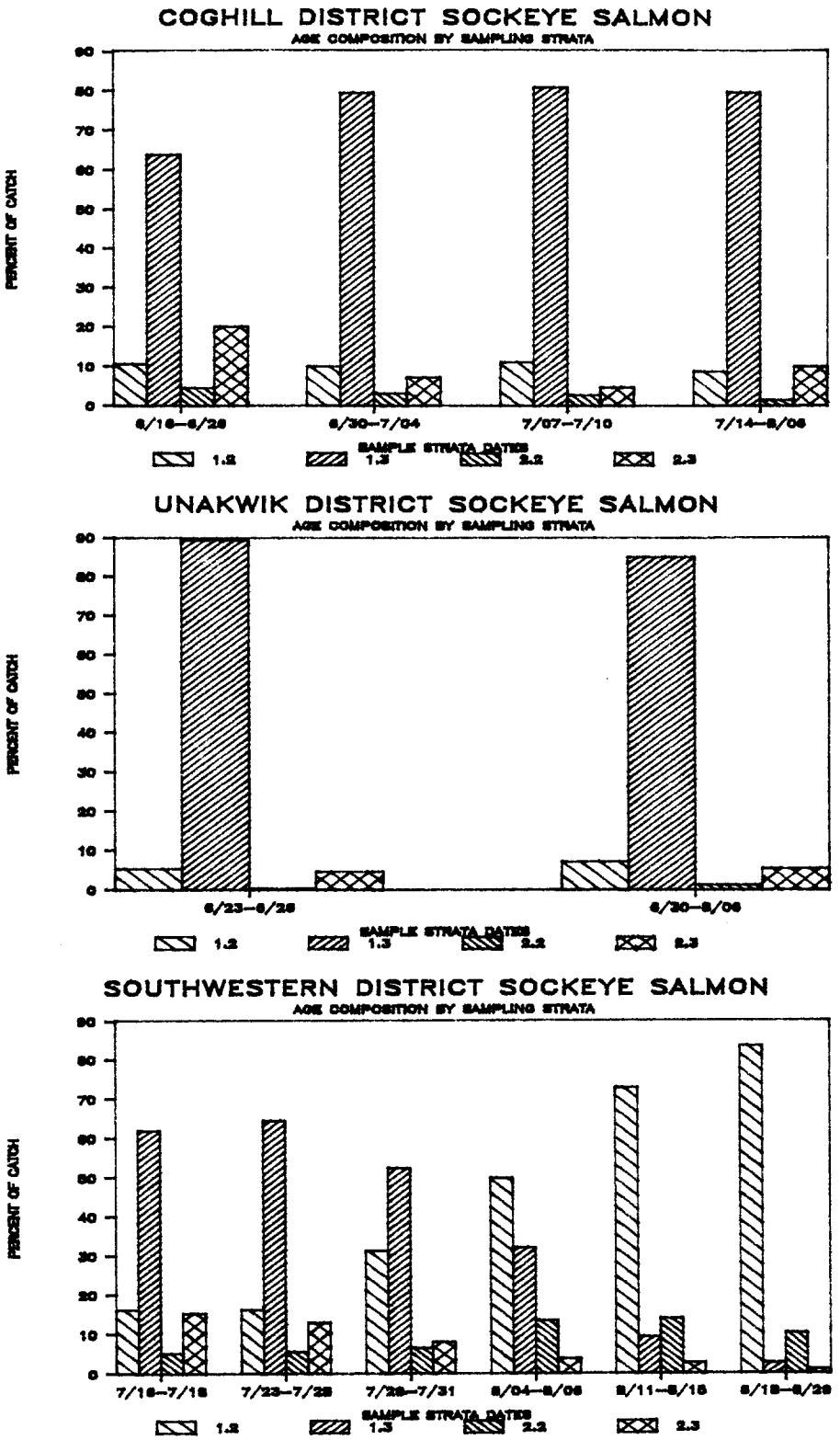
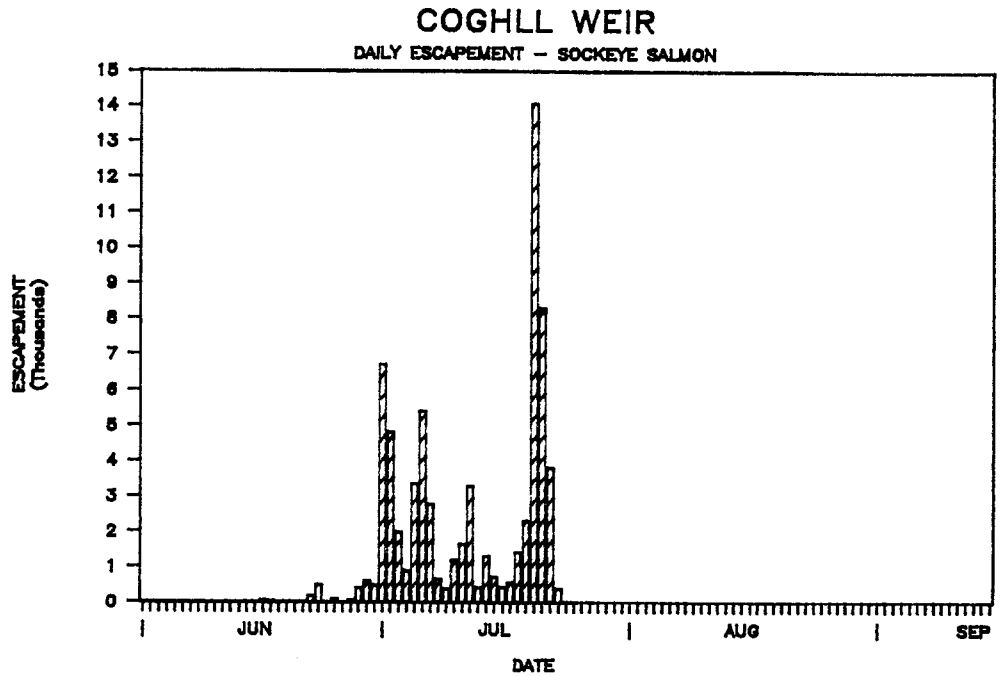



Figure 13. Age composition of sockeye salmin in the temporally stratified samples from the commercial catches in the Coghill, Unakwik, and Eshamy gill net fisheries and in the combined purse seine fisheries of Prince William Sound, 1986.



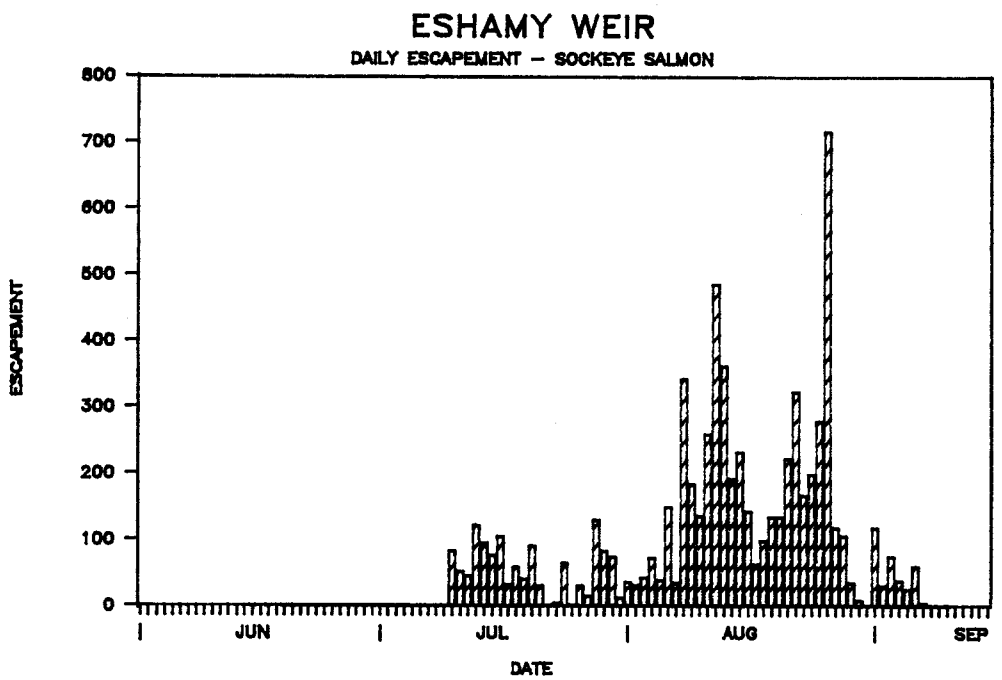
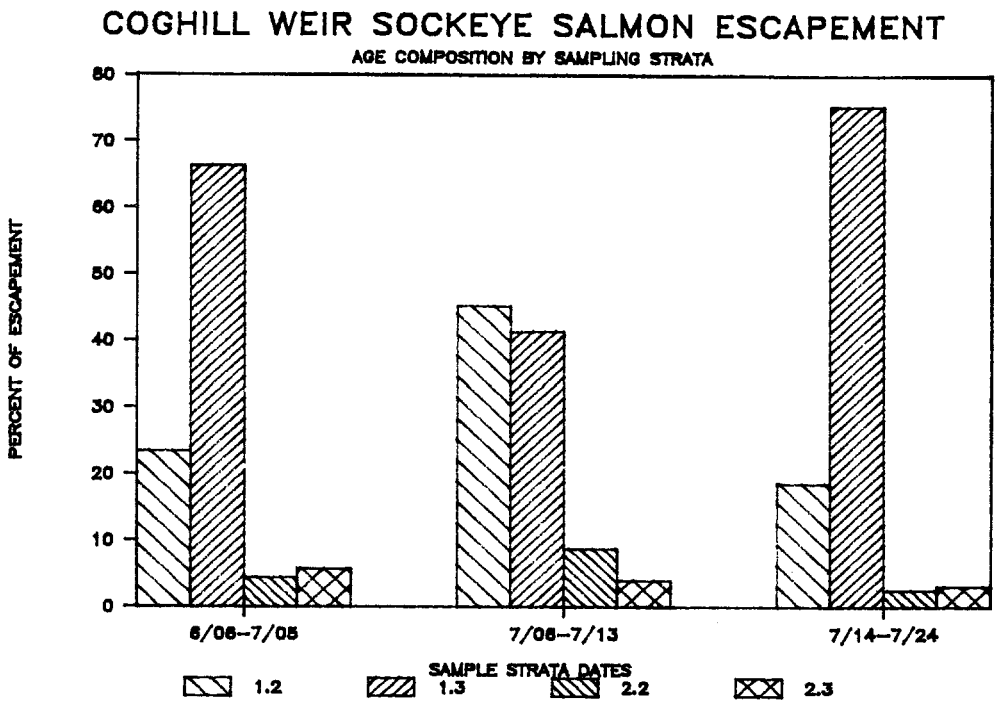




Figure 14. Daily escapements of sockeye salmon through the weirs at Coghill Lake and Eshamy Lake, Prince William Sound, 1986.



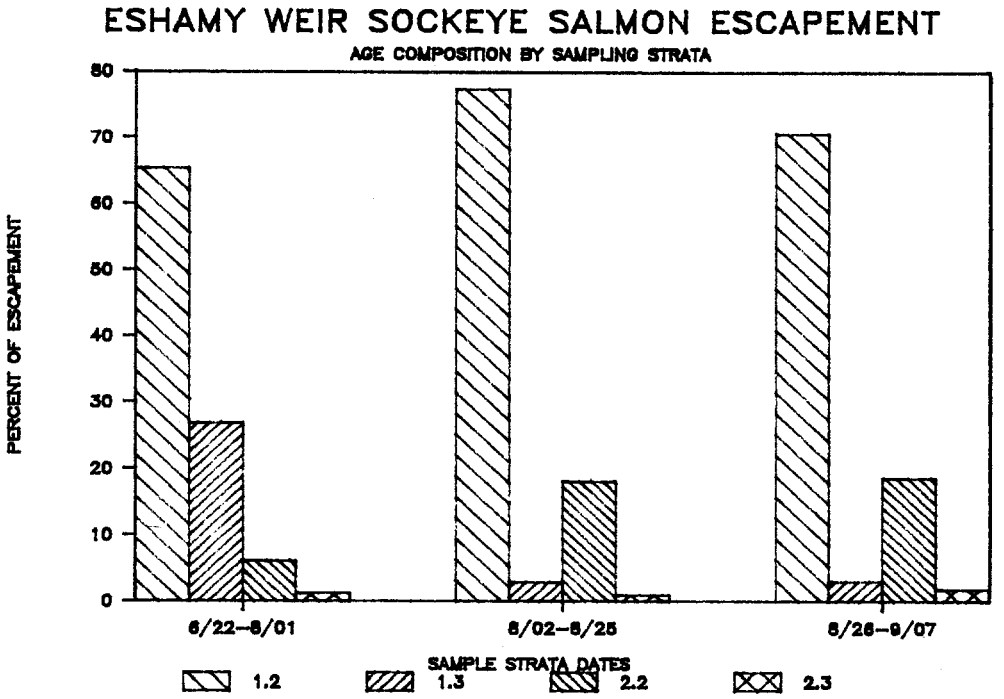




Figure 15. Age composition of sockeye salmon in the temporally stratified samples from the escapements through the weirs at Coghill Lake and Eshamy Lake, Prince William Sound, 1986.

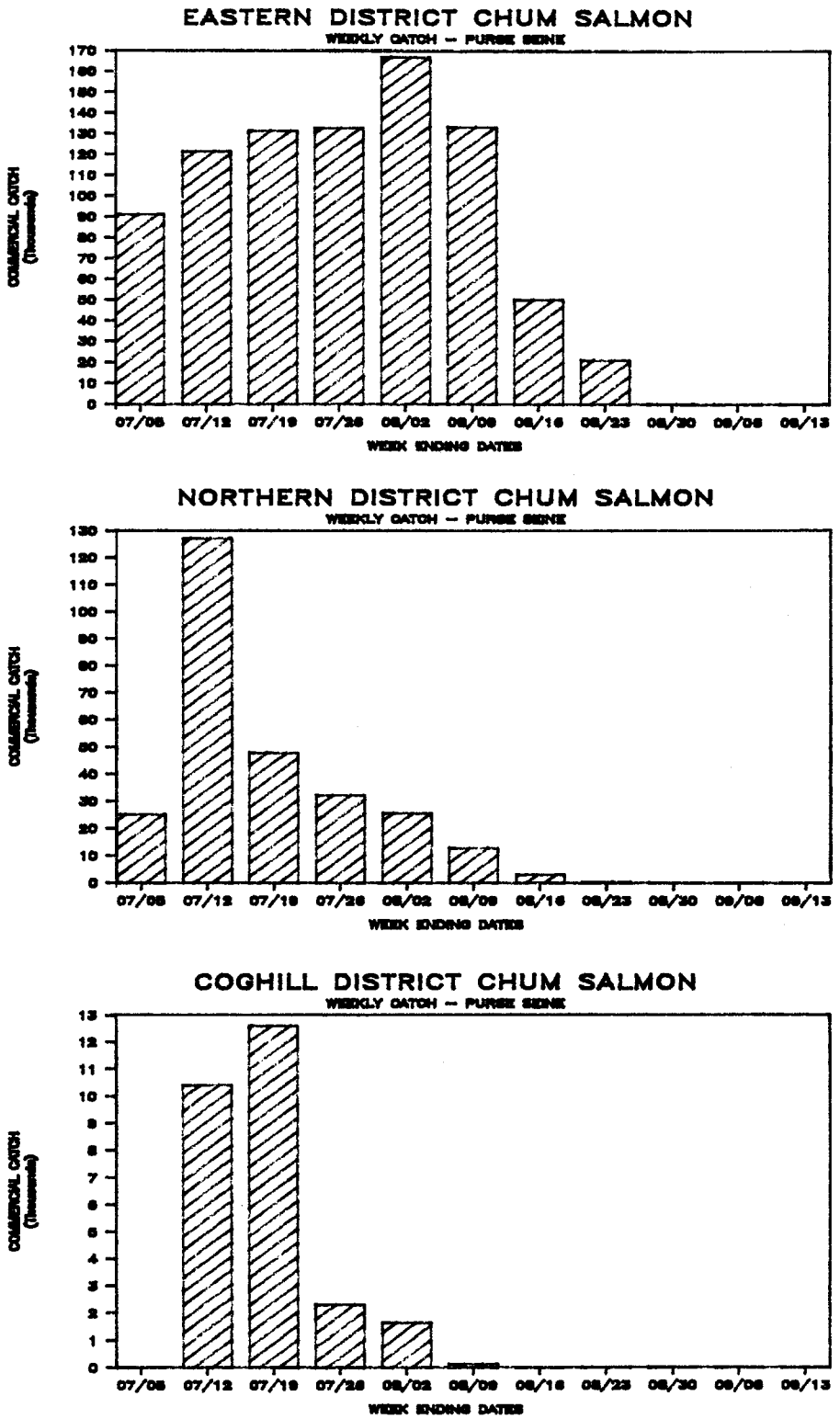



Figure 16. Weekly commercial catch of chum salmon in the six most important purse seine districts in Prince William Sound, 1986 (continued).

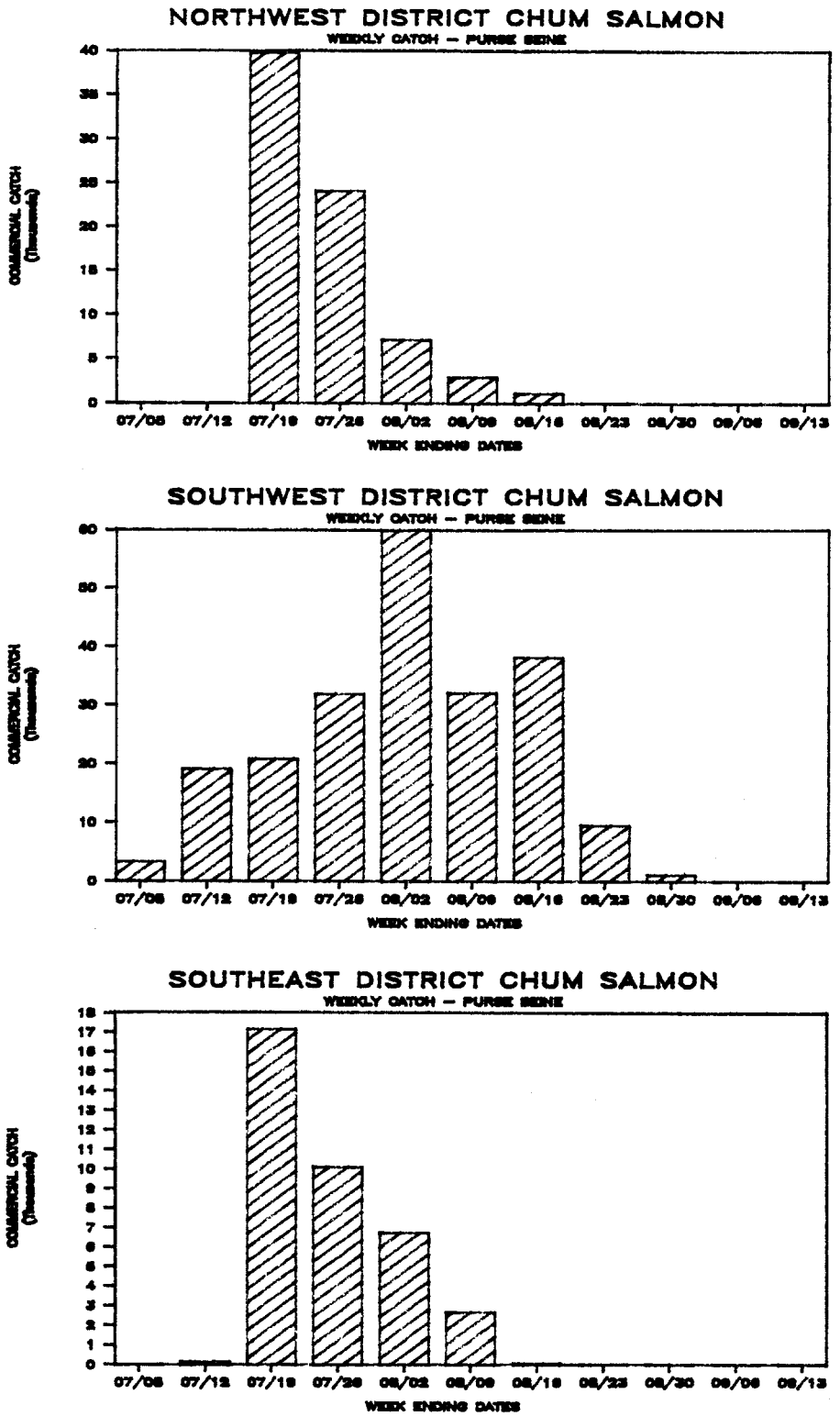
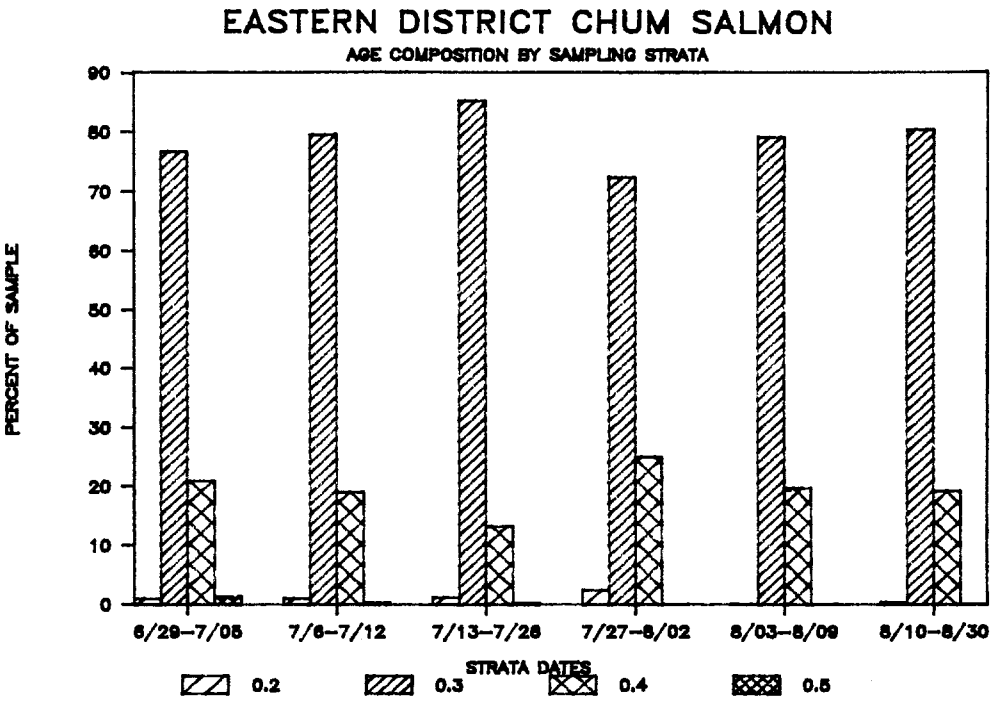



Figure 16. (page 2 of 2).



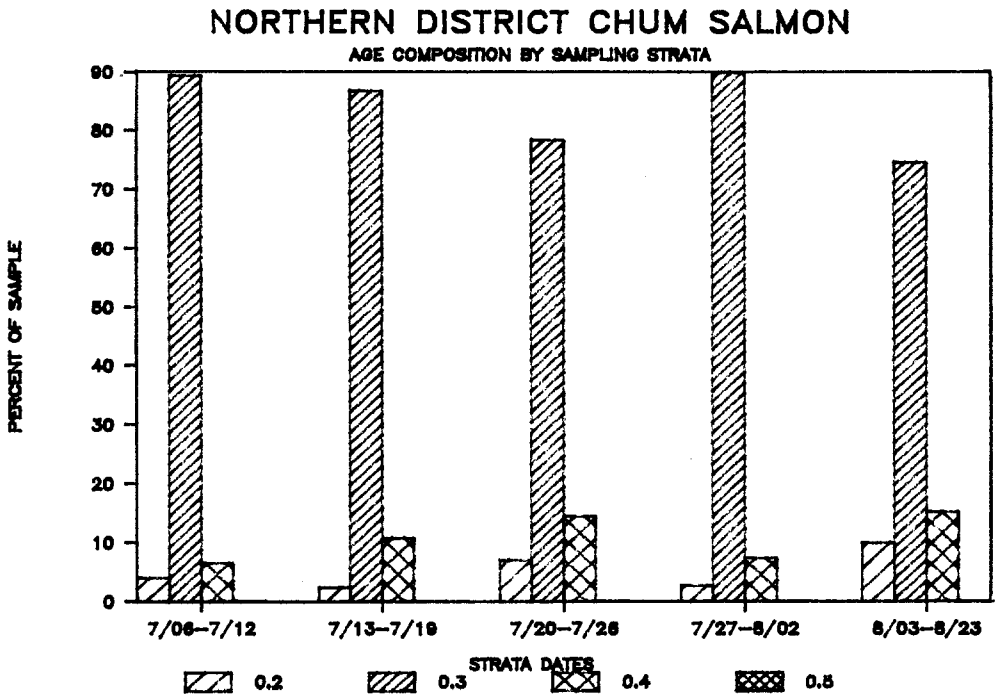
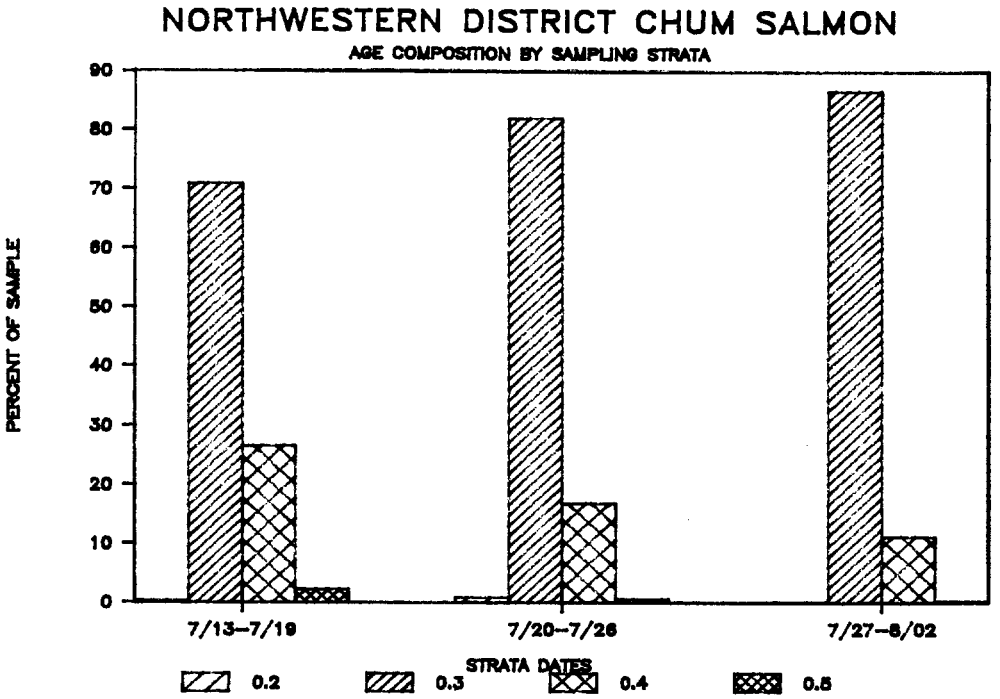




Figure 17. The age composition of chum salmon in the temporally stratified samples from the catches in five of the most important purse seine districts in Prince William Sound, 1986.



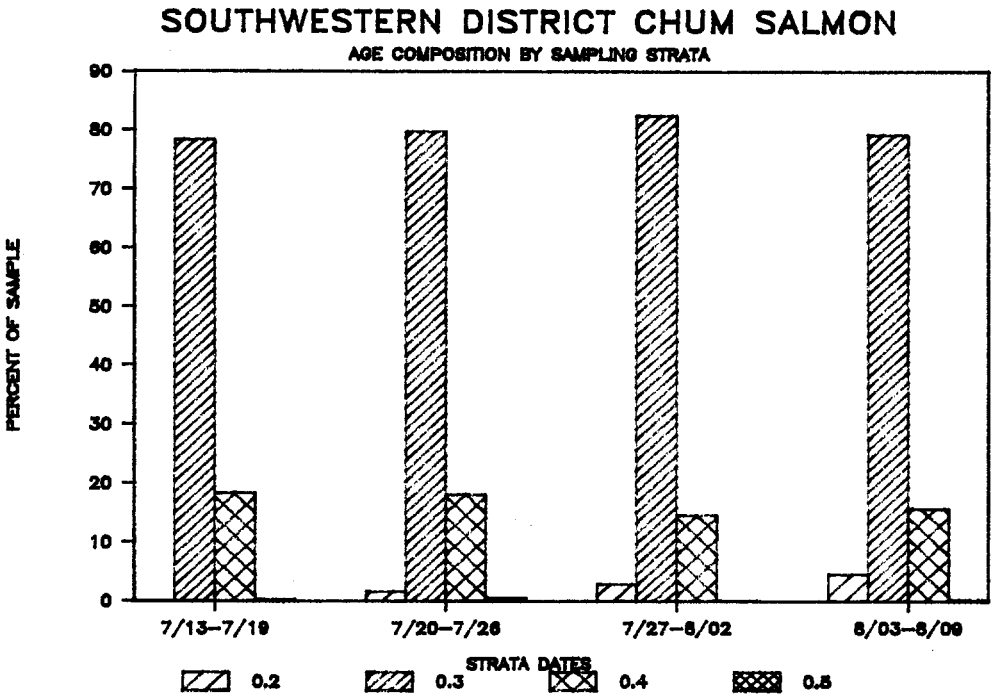




Figure 17. (page 2 of 3)

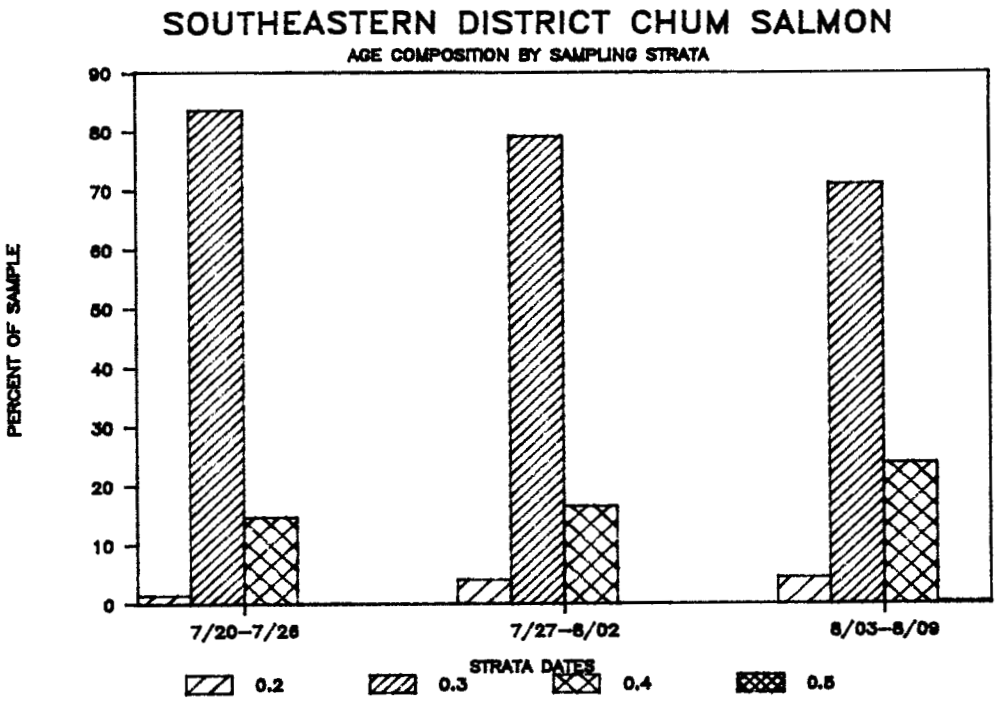
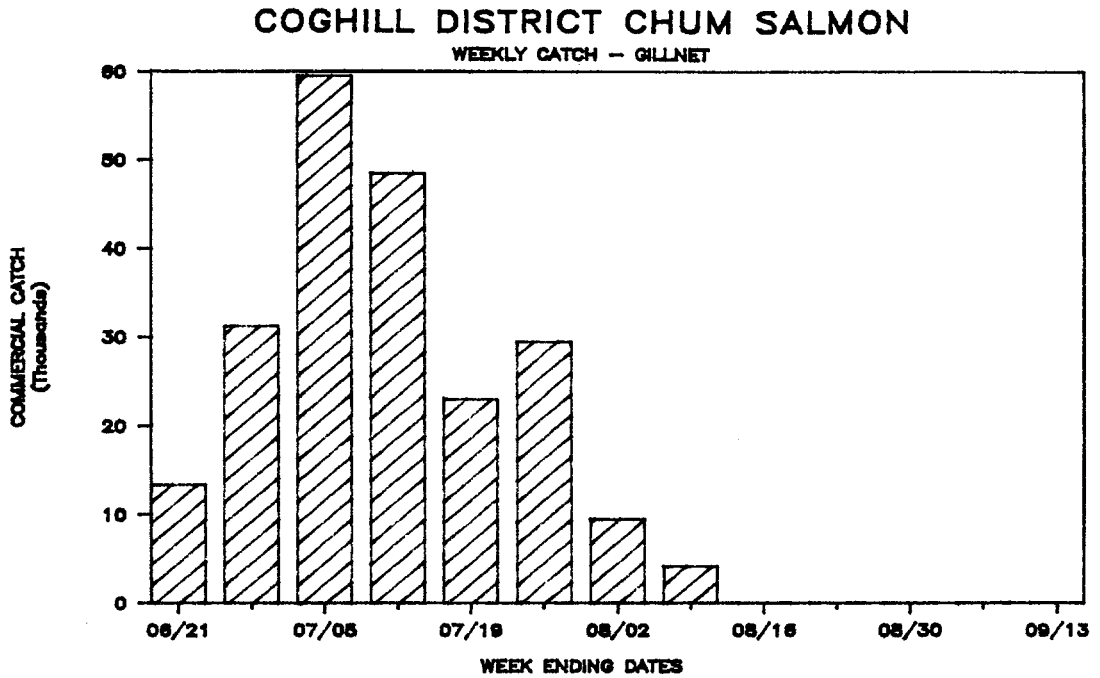



Figure 17. (page 3 of 3)



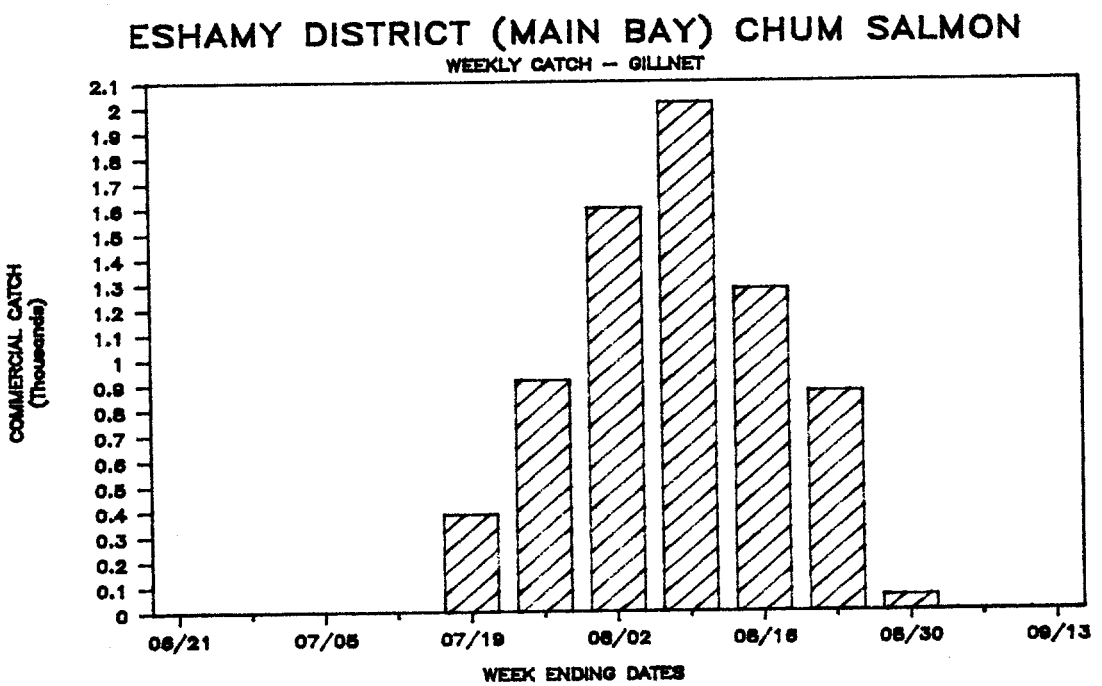




Figure 18. Weekly commercial catches of chum salmon in the Coghill and Eshamy District gill net fisheries, 1986.

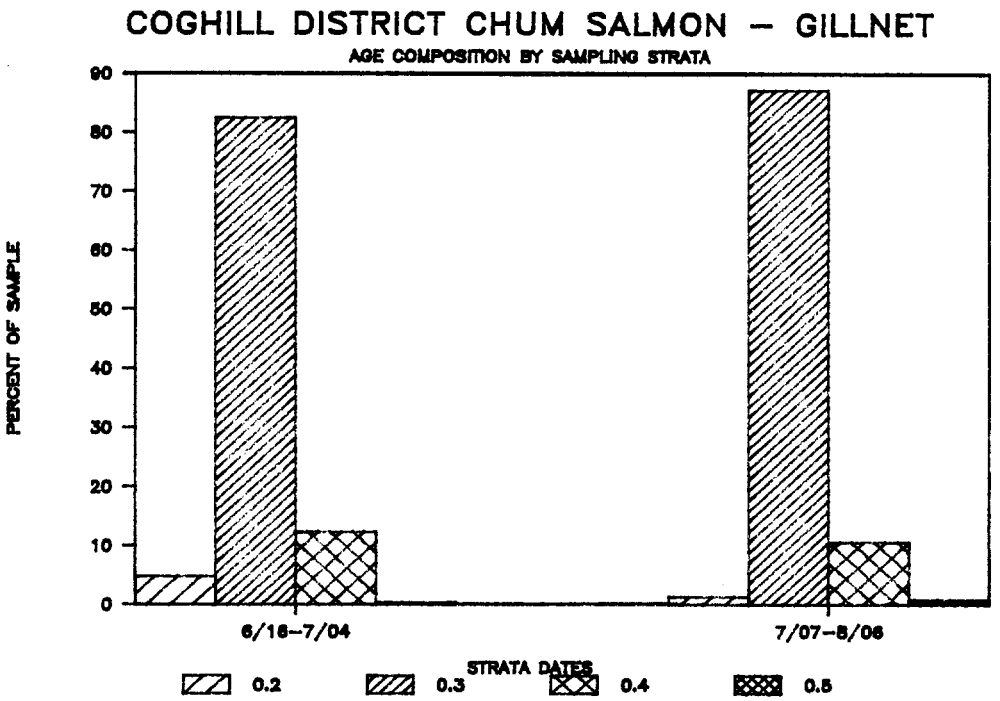
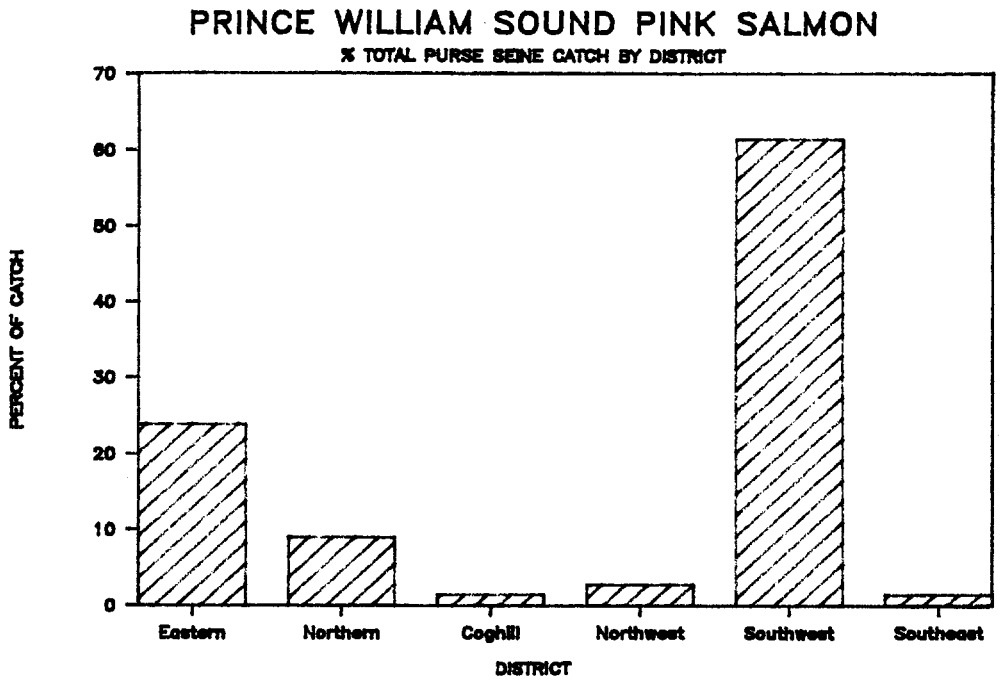



Figure 19. Age composition of chum salmon in the temporally stratified catch samples from the Coghill District drift gill net fishery, 1986.



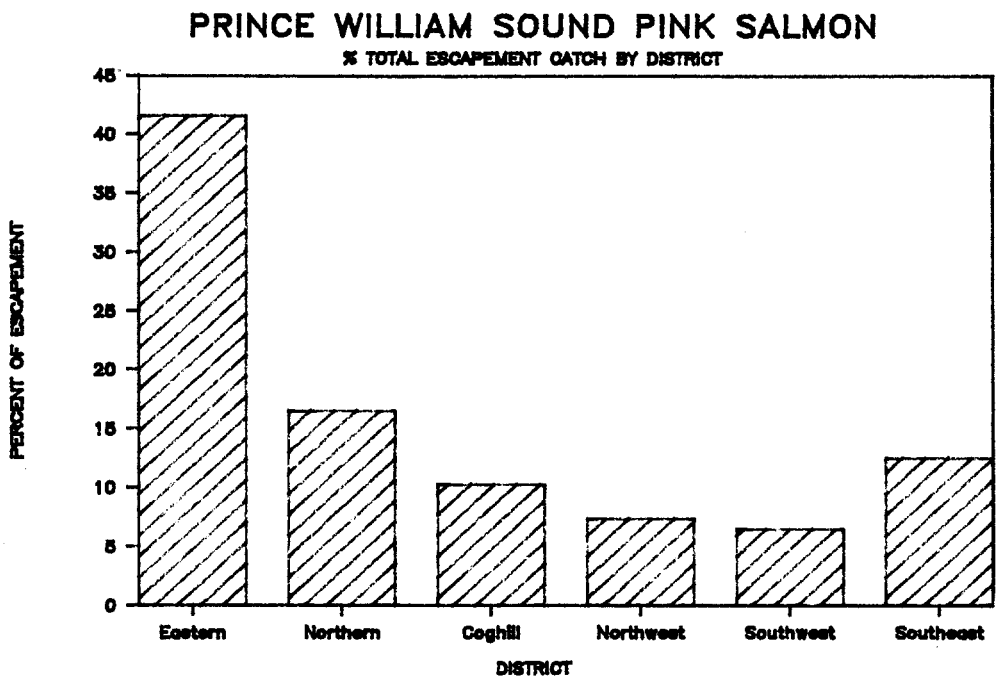




Figure 20. Percent of the total pink salmon common property purse seine catch and the percent of the escapements of wild stock pink salmon which occurred in the six most important purse seine districts in Prince William Sound, 1986.

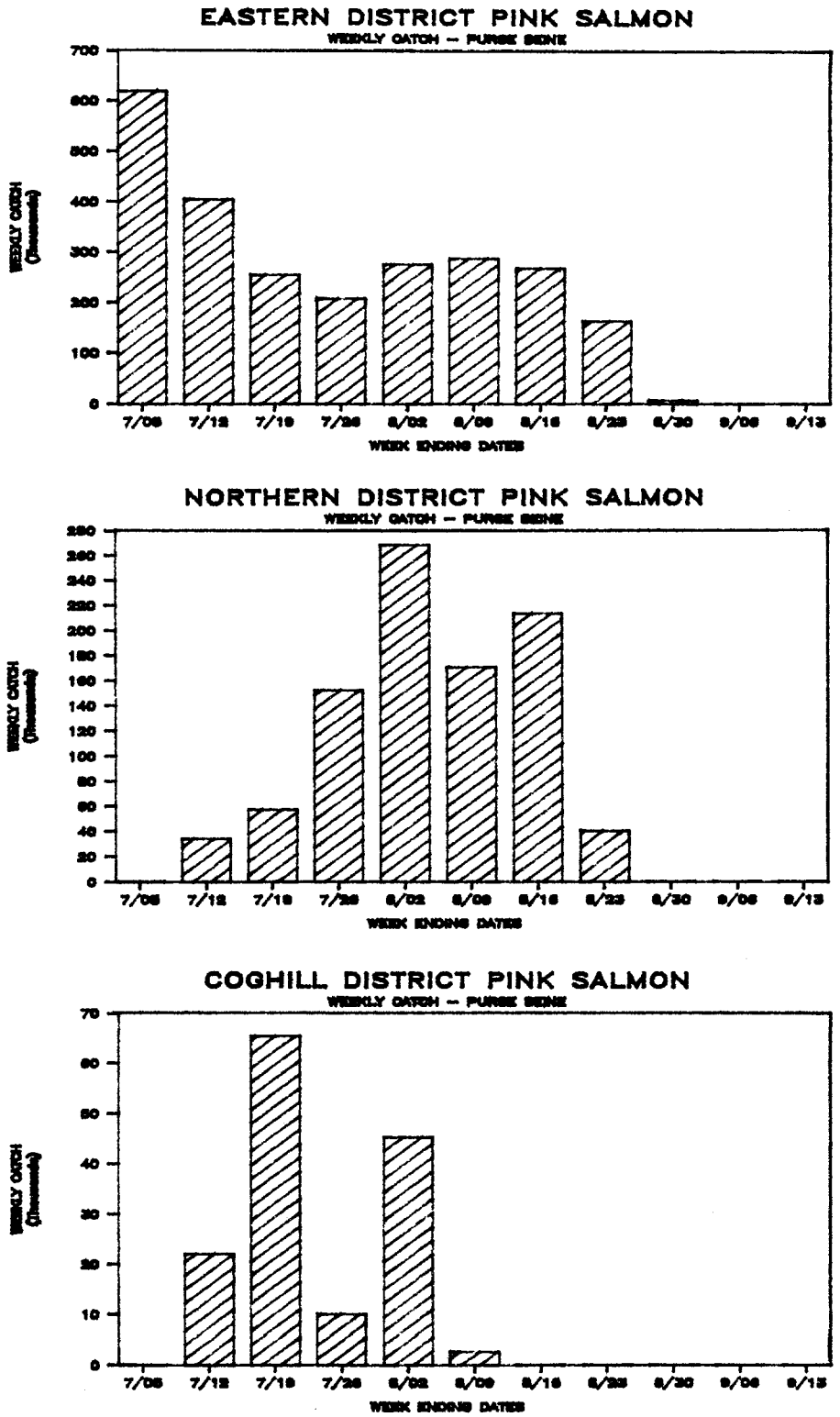
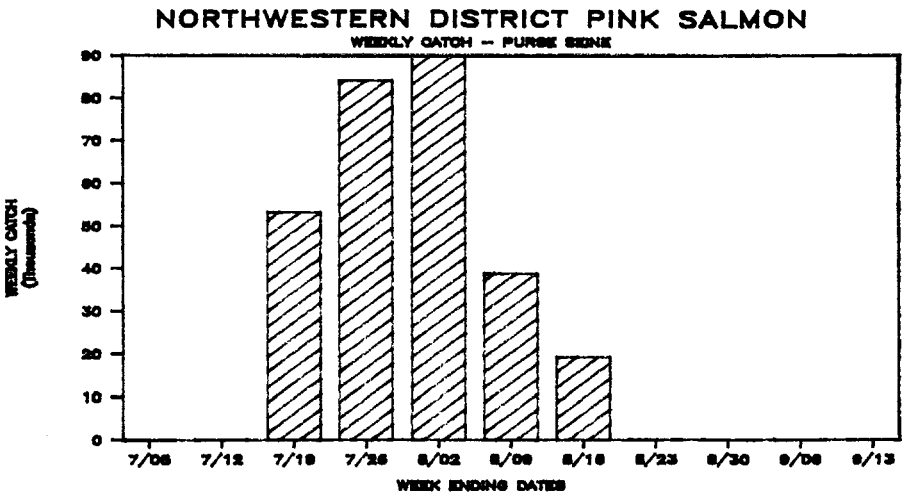
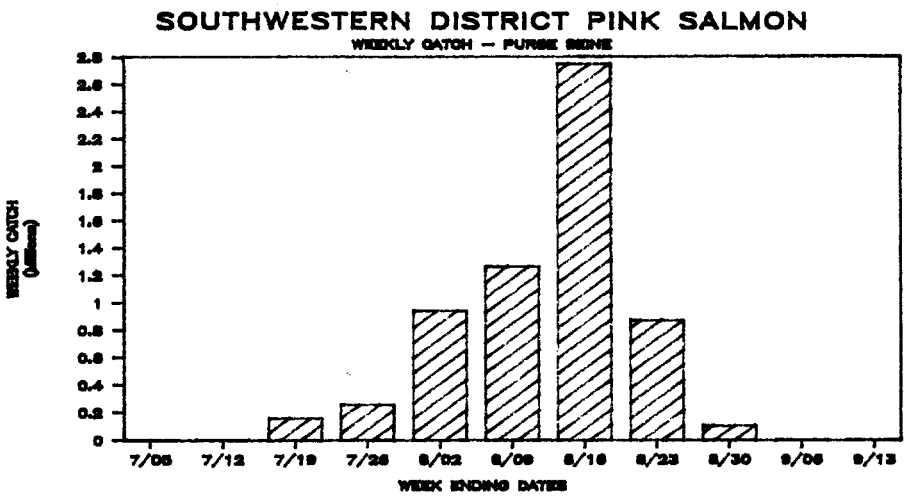



Figure 21. Weekly commercial catch of pink salmon in the common property fisheries in the six most important purse seine districts in Prince William Sound, 1986 (continued).



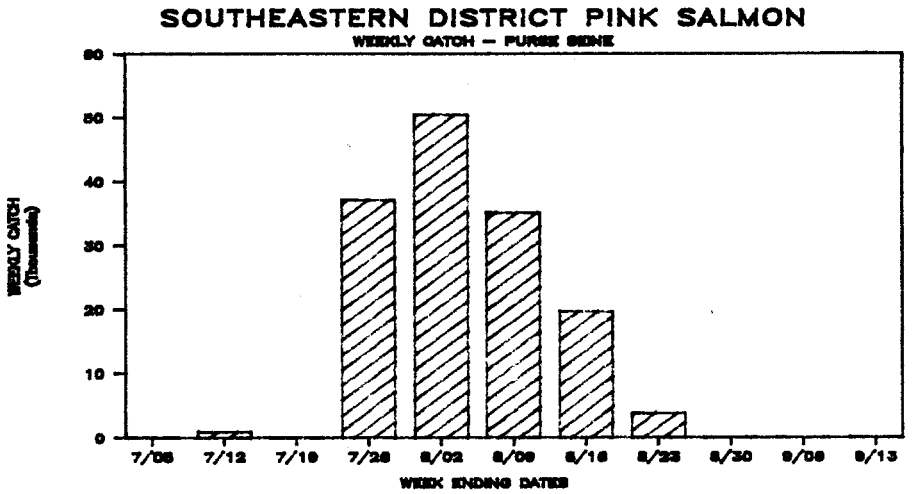




Figure 21. (page 2 of 2)

# APPENDIX A

## Catches from the Copper and Bering River areas (Districts 200 and 212)

Appendix A.1. Commercial drift gill net catch of salmon by species and period in the Copper River District, 1986.

| | | | | | | Catch by Species | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Chinook | | Sockeye | | Coho | | Pink | | Chums | | Total | |
| Week | Period | Dates | Hrs. | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 20 | 1 | 5/12-5/13 | 24 | 389 | 501 | 3,045 | 82,885 | 8,798 | 48,841 | | | | | 69 | 528 | 11,912 | 132,254 |
| 21 | 2 | 5/19-5/20 | 36 | 476 | 953 | 6,954 | 178,024 | 66,993 | 364,386 | | | | | 105 | 876 | 74,052 | 543,286 |
| 21 | 3 | 5/22-5/23 | 24 | 472 | 762 | 6,883 | 173,875 | 54,862 | 301,762 | 8 | 61 | 1 | 4 | 183 | 1,609 | 61,937 | 477,311 |
| 22 | 4 | 5/26-5/27 | 24 | 480 | 788 | 7,237 | 182,360 | 63,076 | 348,137 | | | 1 | 4 | 228 | 1,584 | 70,542 | 532,085 |
| 23 | 5 | 6/02-6/03 | 24 | 478 | 747 | 6,984 | 187,705 | 75,809 | 419,981 | | | | | 31 | 216 | 82,824 | 607,902 |
| 24 | 6 | 6/09-6/10 | 24 | 486 | 618 | 3,263 | 92,747 | 60,194 | 346,064 | 13 | 87 | 1 | 4 | 284 | 2,013 | 63,755 | 440,915 |
| 24 | 7 | 6/12-6/13 | 24 | 462 | 605 | 1,526 | 41,508 | 51,625 | 301,154 | 15 | 110 | | | 337 | 2,506 | 53,503 | 345,278 |
| 25 | 8 | 6/16-6/17 | 36 | 323 | 641 | 2,137 | 59,233 | 73,963 | 441,268 | 61 | 436 | | | 1,045 | 7,139 | 77,206 | 508,076 |
| 25 | 9 | 6/19-6/21 | 36 | 330 | 530 | 904 | 24,484 | 51,276 | 303,931 | 124 | 1,003 | 5 | 21 | 3,955 | 28,593 | 56,264 | 358,032 |
| 26 | 10 | 6/23-6/24 | 36 | 224 | 467 | 698 | 19,752 | 64,205 | 382,834 | 469 | 3,117 | 14 | 48 | 7,919 | 55,013 | 73,305 | 460,764 |
| 26 | 11 | 6/26-6/28 | 36 | 257 | 416 | 367 | 8,981 | 30,095 | 180,299 | 169 | 1,252 | 46 | 263 | 1,153 | 8,606 | 31,830 | 199,401 |
| 27 | 12 | 6/30-7/02 | 48 | 92 | 204 | 238 | 6,493 | 31,988 | 190,432 | 49 | 379 | 15 | 42 | 159 | 1,148 | 32,449 | 198,494 |
| 27 | 13 | 7/03-7/05 | 36 | 138 | 225 | 139 | 3,542 | 24,599 | 146,876 | 217 | 1,730 | 29 | 96 | 227 | 1,581 | 25,211 | 153,825 |
| 28 | 14 | 7/07-7/09 | 48 | 83 | 168 | 86 | 2,154 | 24,871 | 149,599 | 231 | 1,717 | 18 | 74 | 65 | 507 | 25,271 | 154,051 |
| 28 | 15 | 7/10-7/12 | 36 | 100 | 158 | 33 | 702 | 14,475 | 87,087 | 397 | 2,758 | 122 | 341 | 193 | 1,546 | 15,220 | 92,434 |
| 29 | 16 | 7/14-7/16 | 48 | 98 | 217 | 48 | 1,050 | 23,228 | 141,688 | 727 | 5,248 | 62 | 236 | 109 | 867 | 24,174 | 149,089 |
| 29 | 17 | 7/17-7/19 | 36 | 126 | 202 | 29 | 642 | 14,371 | 90,546 | 1,762 | 12,479 | 136 | 512 | 257 | 2,130 | 16,555 | 106,309 |
| 30 | 18 | 7/21-7/23 | 48 | 135 | 194 | 21 | 479 | 12,119 | 75,358 | 1,783 | 11,999 | 142 | 558 | 269 | 2,248 | 14,334 | 90,642 |
| 30 | 19 | 7/24-7/26 | 36 | 95 | 131 | 10 | 164 | 8,935 | 56,329 | 2,295 | 16,244 | 84 | 315 | 265 | 2,048 | 11,589 | 75,100 |
| 31 | 20 | 7/28-7/30 | 48 | 117 | 193 | 17 | 330 | 9,598 | 61,191 | 2,900 | 21,184 | 287 | 908 | 464 | 3,365 | 13,266 | 86,978 |
| 31 | 21 | 7/31-8/02 | 36 | 91 | 130 | 4 | 60 | 4,061 | 26,240 | 4,513 | 33,986 | 223 | 810 | 30 | 219 | 8,831 | 61,315 |
| 32 | 22 | 8/04-8/07 | 84 | 169 | 451 | 14 | 229 | 5,840 | 37,491 | 17,932 | 135,602 | 936 | 3,404 | 111 | 830 | 24,833 | 177,556 |
| 33 | 23 | 8/11-8/14 | 84 | 305 | 865 | 14 | 307 | 3,107 | 21,163 | 39,071 | 352,477 | 501 | 1,827 | 128 | 1,227 | 42,821 | 377,001 |
| 34 | 24 | 8/18-8/21 | 84 | 344 | 1,274 | 14 | 293 | 2,211 | 16,058 | 74,715 | 715,236 | 360 | 1,242 | 22 | 160 | 77,322 | 732,989 |
| 35 | 25 | 8/25-8/28 | 84 | 309 | 812 | 3 | 112 | 324 | 2,339 | 52,591 | 534,944 | 15 | 57 | 3 | 22 | 52,936 | 537,474 |
| 36 | 26 | 9/01-9/04 | 84 | 325 | 1,190 | | | 116 | 848 | 63,645 | 663,436 | 14 | 56 | 3 | 20 | 63,778 | 664,360 |
| 37 | 27 | 9/08-9/11 | 84 | 297 | 728 | 2 | 19 | 49 | 357 | 27,229 | 292,229 | 3 | 12 | | | 27,283 | 292,617 |
| 38 | 28 | 9/15-9/16 | 36 | 184 | 270 | | | 20 | 210 | 5,064 | 57,337 | 1 | 7 | | | 5,085 | 57,554 |
| Total | | | 1,284 | 7,385 | 14,440 | 40,670 | 1,068,130 | 780,808 | 4,542,469 | 295,980 | 2,865,051 | 3,016 | 10,841 | 17,614 | 126,601 | 1,138,088 | 8,613,092 |

Appendix A.2. Commercial drift gill net catch by species and day in the Copper River District, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 05/12 | 294 | 374 | 2,583 | 70,376 | 6,124 | 33,706 | | | | | 21 | 124 |
| 05/13 | 123 | 127 | 462 | 12,509 | 2,674 | 15,135 | | | | | 48 | 404 |
| 05/19 | 354 | 420 | 3,833 | 99,311 | 34,395 | 185,434 | | | | | 62 | 549 |
| 05/20 | 441 | 533 | 3,121 | 78,713 | 32,598 | 178,952 | | | | | 43 | 327 |
| 05/22 | 169 | 175 | 1,949 | 49,162 | 11,548 | 62,496 | | | | | 19 | 131 |
| 05/23 | 451 | 587 | 4,934 | 124,713 | 43,314 | 239,266 | 8 | 61 | 1 | 4 | 164 | 1,478 |
| 05/26 | 324 | 421 | 4,601 | 116,752 | 36,816 | 202,250 | | | | | 52 | 372 |
| 05/27 | 357 | 367 | 2,636 | 65,608 | 26,260 | 145,887 | | | 1 | 4 | 176 | 1,212 |
| 06/02 | 344 | 443 | 4,918 | 131,544 | 51,056 | 282,975 | | | | | 3 | 17 |
| 06/03 | 299 | 304 | 2,066 | 56,161 | 24,753 | 137,006 | | | | | 28 | 199 |
| 06/09 | 347 | 409 | 2,355 | 67,189 | 28,491 | 163,396 | 1 | 10 | 1 | 4 | 2 | 15 |
| 06/10 | 203 | 209 | 908 | 25,558 | 31,703 | 182,668 | 12 | 77 | | | 282 | 1,998 |
| 06/12 | 61 | 63 | 212 | 5,912 | 6,745 | 39,149 | | | | | 7 | 42 |
| 06/13 | 446 | 542 | 1,314 | 35,596 | 44,880 | 262,005 | 15 | 110 | | | 330 | 2,464 |
| 06/16 | 232 | 303 | 1,041 | 28,772 | 30,306 | 180,055 | 9 | 68 | | | 775 | 5,160 |
| 06/17 | 278 | 338 | 1,096 | 30,461 | 43,657 | 261,213 | 52 | 368 | | | 270 | 1,979 |
| 06/19 | 66 | 75 | 157 | 4,597 | 5,152 | 30,110 | | | | | 142 | 1,080 |
| 06/20 | 229 | 321 | 440 | 12,044 | 27,162 | 160,976 | 16 | 113 | 1 | 3 | 1,825 | 13,082 |
| 06/21 | 130 | 134 | 307 | 7,843 | 18,962 | 112,845 | 108 | 890 | 4 | 18 | 1,988 | 14,431 |
| 06/23 | 161 | 188 | 329 | 9,563 | 25,858 | 153,587 | 29 | 189 | 8 | 25 | 2,209 | 14,718 |
| 06/24 | 207 | 279 | 369 | 10,189 | 38,347 | 229,247 | 440 | 2,928 | 6 | 23 | 5,710 | 40,295 |
| 06/26 | 37 | 49 | 53 | 1,631 | 3,440 | 20,527 | 17 | 112 | 1 | 4 | 80 | 606 |
| 06/27 | 185 | 280 | 233 | 5,445 | 19,360 | 115,432 | 34 | 252 | 24 | 187 | 586 | 4,340 |
| 06/28 | 86 | 87 | 81 | 1,905 | 7,295 | 44,340 | 118 | 888 | 21 | 72 | 487 | 3,660 |
| 06/30 | 71 | 91 | 129 | 3,516 | 15,278 | 91,198 | 3 | 24 | 2 | 7 | 28 | 244 |
| 07/01 | 49 | 67 | 50 | 1,342 | 9,562 | 56,786 | 23 | 173 | 3 | 10 | 6 | 43 |
| 07/02 | 45 | 46 | 59 | 1,635 | 7,148 | 42,448 | 23 | 182 | 10 | 25 | 125 | 861 |
| 07/03 | 33 | 46 | 31 | 861 | 3,808 | 22,480 | 5 | 33 | | | 8 | 60 |
| 07/04 | 92 | 123 | 54 | 1,492 | 12,429 | 73,836 | 34 | 284 | 4 | 16 | 157 | 1,042 |
| 07/05 | 55 | 56 | 54 | 1,189 | 8,362 | 50,560 | 178 | 1,413 | 25 | 80 | 62 | 479 |
| 07/07 | 72 | 86 | 39 | 990 | 12,692 | 76,701 | 108 | 757 | 13 | 53 | 32 | 257 |
| 07/08 | 38 | 49 | 19 | 508 | 6,532 | 39,355 | 66 | 495 | 1 | 4 | 13 | 78 |
| 07/09 | 32 | 33 | 28 | 656 | 5,647 | 33,543 | 57 | 465 | 4 | 17 | 20 | 172 |
| 07/10 | 22 | 24 | 5 | 75 | 2,062 | 12,606 | 54 | 345 | 108 | 286 | 144 | 1,142 |
| 07/11 | 81 | 107 | 23 | 477 | 10,032 | 60,117 | 153 | 1,050 | 9 | 35 | 19 | 154 |
| 07/12 | 27 | 27 | 5 | 150 | 2,381 | 14,364 | 190 | 1,363 | 5 | 20 | 30 | 250 |
| 07/14 | 74 | 81 | 16 | 387 | 8,070 | 48,625 | 62 | 459 | 9 | 37 | 14 | 106 |
| 07/15 | 72 | 96 | 21 | 443 | 10,250 | 62,750 | 299 | 2,128 | 19 | 79 | 18 | 131 |
| 07/16 | 38 | 40 | 11 | 220 | 4,908 | 30,313 | 366 | 2,661 | 34 | 120 | 77 | 630 |
| 07/17 | 6 | 6 | 1 | 8 | 110 | 685 | 7 | 38 | 2 | 9 | 4 | 40 |
| 07/18 | 99 | 155 | 19 | 464 | 10,117 | 63,475 | 985 | 6,559 | 33 | 131 | 78 | 592 |
| 07/19 | 41 | 41 | 9 | 170 | 4,144 | 26,386 | 770 | 5,882 | 101 | 372 | 175 | 1,498 |

-Continued-

Appendix A.2. (page 2 of 2)

| Catch MM/DD | Permits | Landings | Catch by Species: Chinook Number | Chinook Pounds | Sockeye Number | Sockeye Pounds | Coho Number | Coho Pounds | Pink Number | Pink Pounds | Chum Number | Chum Pounds |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 07/21 | 106 | 130 | 14 | 302 | 6,875 | 42,783 | 967 | 6,584 | 89 | 342 | 149 | 1,268 |
| 07/22 | 57 | 63 | 7 | 177 | 5,184 | 32,162 | 816 | 5,415 | 53 | 216 | 120 | 980 |
| 07/23 | 1 | 1 | | | 60 | 413 | | | | | | |
| 07/24 | 33 | 33 | 2 | 47 | 1,366 | 8,587 | 422 | 2,911 | 3 | 13 | 160 | 1,159 |
| 07/25 | 53 | 69 | 3 | 52 | 4,384 | 27,963 | 1,066 | 7,694 | 45 | 156 | 55 | 462 |
| 07/26 | 29 | 29 | 5 | 65 | 3,185 | 19,779 | 807 | 5,639 | 36 | 146 | 50 | 427 |
| 07/28 | 62 | 66 | 5 | 140 | 3,803 | 24,325 | 659 | 4,705 | 22 | 81 | 8 | 45 |
| 07/29 | 75 | 91 | 8 | 165 | 3,349 | 21,350 | 1,374 | 10,018 | 97 | 321 | 364 | 2,651 |
| 07/30 | 35 | 36 | 4 | 25 | 2,446 | 15,516 | 867 | 6,461 | 168 | 506 | 92 | 669 |
| 07/31 | 16 | 16 | | | 389 | 2,498 | 471 | 3,544 | 3 | 12 | | |
| 08/01 | 75 | 93 | 4 | 60 | 3,118 | 20,159 | 3,236 | 24,132 | 127 | 445 | 12 | 91 |
| 08/02 | 21 | 21 | | | 554 | 3,583 | 806 | 6,310 | 93 | 353 | 18 | 128 |
| 08/04 | 102 | 111 | | | 1,893 | 12,086 | 4,816 | 35,290 | 117 | 409 | 8 | 84 |
| 08/05 | 132 | 145 | 4 | 32 | 1,842 | 11,863 | 5,605 | 42,256 | 318 | 1,164 | 43 | 324 |
| 08/06 | 107 | 129 | 9 | 160 | 1,475 | 9,489 | 4,721 | 36,297 | 240 | 870 | 48 | 332 |
| 08/07 | 62 | 66 | 1 | 37 | 630 | 4,053 | 2,790 | 21,759 | 261 | 961 | 12 | 90 |
| 08/11 | 210 | 220 | 2 | 80 | 772 | 5,172 | 9,435 | 84,875 | 24 | 88 | 6 | 49 |
| 08/12 | 214 | 236 | 7 | 154 | 887 | 6,069 | 9,630 | 85,747 | 140 | 515 | 8 | 61 |
| 08/13 | 171 | 218 | 4 | 61 | 841 | 5,832 | 11,395 | 104,030 | 154 | 577 | 8 | 65 |
| 08/14 | 163 | 191 | 1 | 12 | 607 | 4,090 | 8,611 | 77,825 | 183 | 647 | 106 | 1,052 |
| 08/18 | 282 | 352 | 4 | 97 | 612 | 4,527 | 22,595 | 214,776 | 126 | 434 | 11 | 77 |
| 08/19 | 252 | 286 | 3 | 39 | 497 | 3,411 | 17,812 | 168,751 | 182 | 630 | 3 | 20 |
| 08/20 | 269 | 361 | 4 | 104 | 631 | 4,710 | 18,127 | 173,761 | 27 | 98 | 4 | 31 |
| 08/21 | 234 | 275 | 3 | 53 | 470 | 3,403 | 16,061 | 156,745 | 25 | 80 | 4 | 32 |
| 08/25 | 259 | 278 | | | 134 | 966 | 18,482 | 186,161 | 4 | 13 | | |
| 08/26 | 107 | 115 | 1 | 35 | 41 | 302 | 5,839 | 58,495 | 4 | 16 | 1 | 7 |
| 08/27 | 171 | 206 | | | 68 | 476 | 12,268 | 124,810 | 3 | 12 | 1 | 7 |
| 08/28 | 177 | 213 | 2 | 77 | 82 | 602 | 16,122 | 166,681 | 4 | 16 | 1 | 8 |
| 09/01 | 253 | 351 | | | 38 | 259 | 23,466 | 244,382 | 3 | 10 | 1 | 7 |
| 09/02 | 246 | 330 | | | 24 | 174 | 17,705 | 184,341 | 6 | 25 | | |
| 09/03 | 232 | 274 | | | 24 | 166 | 12,391 | 129,707 | 4 | 16 | | |
| 09/04 | 215 | 235 | | | 30 | 249 | 10,083 | 105,006 | 1 | 5 | 2 | 13 |
| 09/08 | 133 | 148 | | | 7 | 51 | 7,398 | 79,499 | | | | |
| 09/09 | 238 | 282 | 1 | 5 | 24 | 182 | 11,979 | 128,845 | 2 | 8 | | |
| 09/10 | 186 | 223 | 1 | 14 | 15 | 104 | 6,262 | 66,700 | 1 | 4 | | |
| 09/11 | 71 | 75 | | | 3 | 20 | 1,590 | 17,185 | | | | |
| 09/15 | 161 | 178 | | | 20 | 210 | 3,190 | 35,949 | | | | |
| 09/16 | 87 | 92 | | | | | 1,874 | 21,388 | 1 | 7 | | |
| Total | 516 | 14,440 | 40,670 | 1,068,130 | 780,808 | 4,542,469 | 295,980 | 2,865,051 | 3,016 | 10,841 | 17,614 | 126,601 |

Appendix A.3. Commercial drift gill net catch of salmon by species and date in the Copper River District, Statistical Area 212-10, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 05/12 | 221 | 252 | 1,257 | 34,042 | 3,496 | 19,194 | | | | | 19 | 108 |
| 05/13 | 102 | 104 | 358 | 9,703 | 2,152 | 12,223 | | | | | 27 | 249 |
| 05/19 | 153 | 168 | 1,717 | 44,806 | 9,096 | 49,139 | | | | | 30 | 267 |
| 05/20 | 297 | 314 | 1,635 | 41,703 | 15,575 | 86,671 | | | | | 29 | 216 |
| 05/22 | 38 | 39 | 299 | 7,605 | 1,208 | 6,757 | | | | | 3 | 30 |
| 05/23 | 239 | 259 | 1,863 | 47,681 | 15,023 | 83,563 | | | | | 13 | 114 |
| 05/26 | 85 | 98 | 1,130 | 29,269 | 3,886 | 21,473 | | | | | 9 | 66 |
| 05/27 | 229 | 230 | 1,527 | 38,323 | 12,526 | 69,622 | | | 1 | 4 | 89 | 578 |
| 06/02 | 120 | 128 | 1,008 | 26,847 | 9,208 | 51,174 | | | | | 1 | 5 |
| 06/03 | 137 | 141 | 886 | 24,227 | 11,823 | 65,117 | | | | | 17 | 116 |
| 06/09 | 145 | 152 | 677 | 19,219 | 9,121 | 51,357 | | | | | 2 | 15 |
| 06/10 | 108 | 108 | 438 | 12,293 | 15,386 | 88,753 | 4 | 20 | | | 159 | 1,040 |
| 06/12 | 14 | 14 | 34 | 967 | 442 | 2,598 | | | | | | |
| 06/13 | 250 | 265 | 419 | 10,937 | 16,338 | 95,147 | 12 | 88 | | | 193 | 1,385 |
| 06/16 | 42 | 47 | 146 | 4,187 | 2,982 | 17,039 | | | | | | |
| 06/17 | 99 | 106 | 351 | 9,879 | 12,903 | 76,284 | 16 | 122 | | | 74 | 541 |
| 06/19 | 10 | 10 | 15 | 413 | 430 | 2,511 | | | | | | |
| 06/20 | 123 | 137 | 177 | 5,076 | 10,055 | 59,458 | 10 | 67 | 1 | 3 | 534 | 3,963 |
| 06/21 | 58 | 60 | 156 | 4,019 | 7,810 | 46,421 | 36 | 310 | 3 | 14 | 528 | 3,970 |
| 06/23 | 48 | 53 | 108 | 3,306 | 6,463 | 37,786 | 24 | 153 | | | 193 | 1,317 |
| 06/24 | 123 | 141 | 163 | 4,695 | 17,501 | 105,325 | 228 | 1,434 | 5 | 19 | 3,346 | 23,195 |
| 06/26 | 16 | 16 | 9 | 285 | 1,073 | 6,589 | 16 | 104 | 1 | 4 | 58 | 431 |
| 06/27 | 98 | 115 | 74 | 1,964 | 6,765 | 40,493 | 15 | 114 | 17 | 129 | 291 | 2,191 |
| 06/28 | 50 | 50 | 43 | 1,081 | 4,003 | 24,543 | 82 | 621 | 20 | 68 | 300 | 2,314 |
| 06/30 | 21 | 21 | 15 | 325 | 2,919 | 17,677 | 1 | 9 | 2 | 7 | 11 | 99 |
| 07/01 | 15 | 15 | 4 | 95 | 1,537 | 9,050 | 4 | 34 | 1 | 4 | 3 | 20 |
| 07/02 | 26 | 27 | 18 | 545 | 2,262 | 13,420 | 16 | 130 | 2 | 6 | 67 | 511 |
| 07/03 | 2 | 2 | | | 93 | 580 | | | | | | |
| 07/04 | 44 | 55 | 25 | 659 | 4,958 | 29,807 | 12 | 104 | 3 | 12 | 147 | 959 |
| 07/05 | 28 | 29 | 23 | 469 | 3,528 | 21,544 | 87 | 681 | 19 | 66 | 43 | 316 |
| 07/07 | 31 | 34 | 12 | 254 | 3,566 | 21,374 | 65 | 495 | 6 | 22 | 31 | 249 |
| 07/08 | 14 | 17 | 3 | 75 | 1,866 | 11,335 | 43 | 315 | 1 | 4 | 1 | 10 |
| 07/09 | 14 | 15 | 17 | 418 | 3,068 | 17,952 | 24 | 232 | 1 | 4 | 11 | 95 |
| 07/10 | 4 | 5 | 1 | 10 | 244 | 1,548 | | | 106 | 278 | 139 | 1,107 |
| 07/11 | 33 | 36 | 9 | 204 | 2,717 | 15,865 | 66 | 433 | 1 | 4 | 9 | 71 |
| 07/12 | 15 | 15 | 1 | 32 | 1,181 | 7,280 | 147 | 1,074 | 4 | 16 | 30 | 250 |
| 07/14 | 25 | 26 | 4 | 114 | 1,861 | 11,157 | 2 | 12 | | | | |
| 07/15 | 27 | 32 | 7 | 176 | 3,626 | 22,267 | 243 | 1,708 | 11 | 46 | 6 | 45 |

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Appendix A.3. (page 2 of 3)

| Catch MM/DD | Permits | Landings | Catch by Species: Chinook Number | Chinook Pounds | Sockeye Number | Sockeye Pounds | Coho Number | Coho Pounds | Pink Number | Pink Pounds | Chum Number | Chum Pounds |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 07/16 | 16 | 18 | 6 | 88 | 2,390 | 14,655 | 255 | 1,867 | 21 | 77 | 67 | 545 |
| 07/17 | 2 | 2 | 1 | 8 | 5 | 36 | 5 | 30 | | | | |
| 07/18 | 58 | 67 | 9 | 192 | 3,208 | 19,977 | 485 | 3,284 | 19 | 73 | 41 | 295 |
| 07/19 | 29 | 29 | 8 | 154 | 2,985 | 19,053 | 728 | 5,558 | 101 | 372 | 157 | 1,346 |
| 07/21 | 64 | 72 | 6 | 100 | 3,188 | 19,930 | 878 | 5,993 | 74 | 289 | 104 | 863 |
| 07/22 | 31 | 32 | 3 | 33 | 2,260 | 13,727 | 577 | 3,819 | 27 | 104 | 52 | 459 |
| 07/23 | 1 | 1 | | | 60 | 413 | | | | | | |
| 07/24 | 27 | 27 | 2 | 47 | 1,085 | 6,851 | 404 | 2,778 | 2 | 10 | 159 | 1,150 |
| 07/25 | 31 | 36 | 1 | 11 | 1,636 | 10,514 | 906 | 6,476 | 44 | 153 | 51 | 430 |
| 07/26 | 24 | 24 | 4 | 50 | 2,434 | 15,058 | 697 | 4,874 | 34 | 134 | 49 | 420 |
| 07/28 | 32 | 34 | | | 1,104 | 6,980 | 347 | 2,420 | 18 | 68 | 6 | 31 |
| 07/29 | 60 | 72 | 6 | 124 | 2,220 | 14,142 | 1,100 | 7,883 | 89 | 298 | 362 | 2,641 |
| 07/30 | 24 | 25 | 3 | 15 | 1,657 | 10,471 | 653 | 4,807 | 162 | 487 | 89 | 643 |
| 07/31 | 12 | 12 | | | 341 | 2,154 | 446 | 3,339 | 3 | 12 | | |
| 08/01 | 57 | 70 | 3 | 54 | 1,792 | 11,716 | 2,529 | 19,006 | 123 | 433 | 5 | 34 |
| 08/02 | 19 | 19 | | | 531 | 3,439 | 767 | 6,043 | 91 | 347 | 18 | 128 |
| 08/04 | 85 | 94 | | | 1,275 | 8,220 | 4,100 | 30,019 | 113 | 397 | 8 | 84 |
| 08/05 | 115 | 126 | 4 | 32 | 1,374 | 8,707 | 4,895 | 36,842 | 302 | 1,100 | 42 | 313 |
| 08/06 | 88 | 109 | 7 | 125 | 1,171 | 7,484 | 4,071 | 31,001 | 235 | 854 | 48 | 332 |
| 08/07 | 59 | 62 | 1 | 37 | 598 | 3,853 | 2,685 | 20,895 | 264 | 970 | 12 | 90 |
| 08/11 | 165 | 171 | | | 468 | 3,156 | 7,105 | 65,251 | 18 | 66 | 6 | 49 |
| 08/12 | 157 | 170 | 4 | 97 | 481 | 3,239 | 6,024 | 54,626 | 132 | 483 | 6 | 46 |
| 08/13 | 130 | 163 | 3 | 47 | 490 | 3,343 | 8,381 | 77,476 | 146 | 545 | 7 | 58 |
| 08/14 | 123 | 143 | 1 | 12 | 339 | 2,348 | 6,683 | 60,952 | 174 | 620 | 104 | 1,034 |
| 08/18 | 187 | 230 | 2 | 53 | 267 | 1,832 | 13,085 | 126,942 | 105 | 362 | 10 | 69 |
| 08/19 | 153 | 172 | 3 | 39 | 167 | 1,158 | 9,247 | 88,667 | 180 | 621 | 2 | 12 |
| 08/20 | 171 | 216 | 3 | 79 | 190 | 1,375 | 9,324 | 90,131 | 24 | 85 | 3 | 23 |
| 08/21 | 192 | 217 | 2 | 23 | 336 | 2,440 | 11,381 | 111,865 | 20 | 62 | 3 | 26 |
| 08/25 | 187 | 197 | | | 74 | 521 | 11,150 | 113,924 | 3 | 9 | | |
| 08/26 | 73 | 79 | 1 | 35 | 26 | 180 | 3,614 | 36,380 | 4 | 16 | 1 | 7 |
| 08/27 | 118 | 128 | | | 47 | 336 | 7,852 | 80,439 | 3 | 12 | 1 | 7 |
| 08/28 | 132 | 159 | 2 | 77 | 68 | 516 | 11,755 | 122,396 | 4 | 16 | 1 | 8 |
| 09/01 | 145 | 188 | | | 18 | 115 | 12,626 | 134,152 | 1 | 3 | | |
| 09/02 | 144 | 200 | | | 10 | 69 | 10,478 | 110,298 | | | | |
| 09/03 | 133 | 153 | | | 12 | 81 | 7,569 | 80,202 | | | | |
| 09/04 | 129 | 139 | | | 16 | 141 | 6,299 | 66,134 | | | 1 | 8 |
| 09/08 | 77 | 80 | | | 2 | 15 | 3,175 | 35,077 | | | | |
| 09/09 | 152 | 172 | | | 4 | 22 | 6,357 | 69,606 | 1 | 3 | | |

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Appendix A.3. (page 3 of 3)

| Catch MM/DD | Permits | Landings | Catch by Species: Chinook Number | Chinook Pounds | Sockeye Number | Sockeye Pounds | Coho Number | Coho Pounds | Pink Number | Pink Pounds | Chum Number | Chum Pounds |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 09/10 | 115 | 137 | | | 5 | 31 | 2,926 | 31,850 | 1 | 4 | | |
| 09/11 | 44 | 44 | | | 3 | 20 | 867 | 9,730 | | | | |
| 09/15 | 117 | 131 | | | | | 2,342 | 26,967 | | | | |
| 09/16 | 74 | 77 | | | | | 1,582 | 18,193 | 1 | 7 | | |
| Total | 508 | 7,633 | 14,714 | 387,435 | 263,028 | 1,538,411 | 187,503 | 1,816,452 | 2,744 | 9,802 | 7,828 | 56,994 |

Appendix A.4. Commercial drift gill net catch of salmon by species and day in the Copper River District, Statistical Area 212-20, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 05/12 | 88 | 94 | 972 | 26,528 | 2,022 | 11,223 | | | | | 2 | 16 |
| 05/13 | 21 | 21 | 96 | 2,588 | 471 | 2,613 | | | | | 21 | 155 |
| 05/19 | 180 | 212 | 1,453 | 37,472 | 21,440 | 115,360 | | | | | 32 | 282 |
| 05/20 | 155 | 177 | 923 | 23,378 | 13,154 | 71,087 | | | | | 13 | 105 |
| 05/22 | 94 | 97 | 1,063 | 26,391 | 7,216 | 39,003 | | | | | 7 | 43 |
| 05/23 | 211 | 249 | 1,909 | 48,551 | 22,632 | 125,137 | 1 | 10 | | | 81 | 664 |
| 05/26 | 158 | 186 | 2,024 | 51,852 | 12,130 | 66,002 | | | | | 35 | 257 |
| 05/27 | 111 | 113 | 993 | 24,442 | 11,978 | 66,394 | | | | | 77 | 560 |
| 06/02 | 131 | 163 | 3,085 | 83,057 | 19,338 | 105,588 | | | | | 1 | 6 |
| 06/03 | 119 | 119 | 1,059 | 28,890 | 9,789 | 54,405 | | | | | 7 | 55 |
| 06/09 | 133 | 150 | 1,262 | 36,439 | 8,496 | 48,802 | 1 | 10 | | | | |
| 06/10 | 67 | 69 | 399 | 11,383 | 10,801 | 61,878 | 8 | 57 | | | 43 | 300 |
| 06/12 | 19 | 19 | 81 | 2,354 | 1,676 | 9,671 | | | | | | |
| 06/13 | 123 | 142 | 546 | 15,645 | 11,941 | 69,093 | 2 | 16 | | | 65 | 508 |
| 06/16 | 76 | 89 | 399 | 11,406 | 8,930 | 52,079 | 3 | 30 | | | 175 | 1,160 |
| 06/17 | 65 | 72 | 390 | 10,750 | 11,222 | 66,198 | 23 | 153 | | | 39 | 312 |
| 06/19 | 32 | 39 | 101 | 2,963 | 2,832 | 16,605 | | | | | 142 | 1,080 |
| 06/20 | 43 | 47 | 105 | 3,030 | 3,526 | 20,928 | | | | | 131 | 955 |
| 06/21 | 45 | 45 | 98 | 2,655 | 7,668 | 45,537 | 43 | 333 | 1 | 4 | 809 | 5,821 |
| 06/23 | 45 | 49 | 100 | 2,813 | 6,975 | 41,383 | | | | | 1,888 | 12,377 |
| 06/24 | 51 | 52 | 95 | 2,594 | 9,037 | 53,785 | 144 | 1,023 | | | 1,700 | 11,842 |
| 06/26 | 21 | 32 | 44 | 1,346 | 2,278 | 13,384 | 1 | 8 | | | 22 | 175 |
| 06/27 | 42 | 44 | 52 | 699 | 2,226 | 13,323 | 12 | 84 | | | 96 | 686 |
| 06/28 | 24 | 25 | 32 | 686 | 2,470 | 14,855 | 34 | 251 | 1 | 4 | 144 | 1,083 |
| 06/30 | 29 | 46 | 91 | 2,571 | 7,946 | 47,254 | 2 | 15 | | | 17 | 145 |
| 07/01 | 9 | 13 | 9 | 271 | 1,976 | 12,273 | 10 | 74 | 2 | 6 | 3 | 23 |
| 07/02 | 8 | 8 | 35 | 892 | 3,995 | 23,840 | 7 | 52 | 8 | 19 | 4 | 30 |
| 07/03 | 25 | 36 | 25 | 735 | 2,801 | 16,426 | 4 | 26 | | | 8 | 60 |
| 07/04 | 13 | 17 | 6 | 219 | 1,348 | 8,146 | 19 | 151 | | | 5 | 44 |
| 07/05 | 16 | 16 | 26 | 603 | 3,485 | 20,980 | 91 | 732 | 6 | 14 | 19 | 163 |
| 07/07 | 12 | 13 | 6 | 135 | 1,227 | 7,428 | 1 | 7 | | | | |
| 07/08 | 7 | 8 | 3 | 79 | 822 | 4,893 | | | | | 11 | 61 |
| 07/09 | 4 | 4 | 3 | 88 | 621 | 3,628 | 1 | 6 | | | | |
| 07/11 | 6 | 6 | 1 | 15 | 482 | 2,847 | 18 | 126 | 1 | 6 | 3 | 26 |
| 07/14 | 12 | 14 | 7 | 152 | 2,279 | 13,703 | 5 | 33 | | | 1 | 12 |
| 07/15 | 13 | 18 | 7 | 131 | 2,090 | 12,558 | 1 | 7 | | | 3 | 17 |
| 07/16 | 11 | 11 | 4 | 102 | 1,994 | 12,397 | 106 | 764 | 12 | 40 | 10 | 85 |
| 07/17 | 4 | 4 | | | 105 | 649 | 2 | 8 | 2 | 9 | 4 | 40 |

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Appendix A.4. (page 2 of 2)

| Catch MM/DD | Permits | Landings | Catch by Species: Chinook Number | Chinook Pounds | Sockeye Number | Sockeye Pounds | Coho Number | Coho Pounds | Pink Number | Pink Pounds | Chum Number | Chum Pounds |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 07/18 | 21 | 27 | 4 | 120 | 1,566 | 9,901 | 242 | 1,341 | | | 7 | 54 |
| 07/19 | 4 | 4 | 1 | 16 | 283 | 1,750 | | | | | 7 | 64 |
| 07/21 | 9 | 9 | | | 662 | 4,049 | 15 | 103 | | | | |
| 07/22 | 5 | 5 | 1 | 50 | 732 | 4,553 | 87 | 561 | 17 | 76 | 53 | 399 |
| 07/24 | 2 | 2 | | | 150 | 960 | 1 | 7 | 1 | 3 | 1 | 9 |
| 07/26 | 3 | 3 | 1 | 15 | 505 | 3,192 | 88 | 613 | 2 | 12 | 1 | 7 |
| 07/28 | 9 | 9 | | | 699 | 4,369 | 118 | 755 | 1 | 3 | 1 | 5 |
| 07/29 | 4 | 4 | 1 | 21 | 188 | 1,078 | 57 | 404 | 2 | 5 | 1 | 4 |
| 07/30 | 3 | 3 | | | 382 | 2,457 | 105 | 824 | 3 | 9 | 3 | 26 |
| 07/31 | 3 | 3 | | | 37 | 259 | 23 | 185 | | | | |
| 08/01 | 10 | 11 | 1 | 6 | 697 | 4,478 | 380 | 2,826 | 4 | 12 | 7 | 57 |
| 08/02 | 1 | 1 | | | 6 | 34 | 9 | 78 | | | | |
| 08/04 | 2 | 2 | | | 53 | 177 | 53 | 412 | | | | |
| 08/05 | 2 | 2 | | | 49 | 294 | 34 | 276 | 10 | 36 | 1 | 11 |
| 08/06 | 3 | 3 | | | 23 | 147 | 139 | 1,316 | | | | |
| 08/11 | 28 | 28 | | | 214 | 1,393 | 1,273 | 11,135 | 4 | 15 | | |
| 08/12 | 23 | 23 | 1 | 9 | 197 | 1,368 | 1,519 | 13,444 | 2 | 7 | 1 | 6 |
| 08/13 | 25 | 26 | 1 | 14 | 216 | 1,504 | 1,878 | 16,936 | 2 | 7 | 1 | 7 |
| 08/14 | 30 | 32 | | | 149 | 1,004 | 1,517 | 13,674 | 4 | 11 | 2 | 18 |
| 08/18 | 47 | 55 | 1 | 14 | 157 | 1,174 | 3,865 | 36,579 | | | | |
| 08/19 | 50 | 52 | | | 235 | 1,605 | 4,028 | 38,381 | 1 | 4 | 1 | 8 |
| 08/20 | 61 | 75 | 1 | 25 | 357 | 2,717 | 5,055 | 48,035 | 2 | 8 | 1 | 8 |
| 08/21 | 28 | 32 | | | 87 | 612 | 2,705 | 26,340 | 3 | 12 | 1 | 6 |
| 08/25 | 17 | 20 | | | 30 | 218 | 1,450 | 14,276 | 1 | 4 | | |
| 08/26 | 8 | 9 | | | 3 | 17 | 383 | 3,797 | | | | |
| 08/27 | 8 | 10 | | | 4 | 22 | 614 | 6,190 | | | | |
| 08/28 | 5 | 5 | | | 10 | 58 | 445 | 4,624 | | | | |
| 09/01 | 18 | 24 | | | 4 | 26 | 1,359 | 14,362 | 1 | 3 | | |
| 09/02 | 22 | 26 | | | 10 | 74 | 1,468 | 15,211 | 1 | 3 | | |
| 09/03 | 31 | 38 | | | 4 | 28 | 1,796 | 18,490 | 4 | 16 | | |
| 09/04 | 28 | 31 | | | 4 | 27 | 1,556 | 16,066 | 1 | 5 | 1 | 5 |
| 09/08 | 6 | 6 | | | 1 | 5 | 243 | 2,641 | | | | |
| 09/09 | 9 | 9 | | | 2 | 14 | 487 | 5,210 | | | | |
| 09/10 | 7 | 10 | | | 1 | 8 | 400 | 4,220 | | | | |
| 09/11 | 5 | 5 | | | | | 168 | 1,874 | | | | |
| 09/15 | 11 | 11 | | | 17 | 185 | 266 | 3,016 | | | | |
| 09/16 | 2 | 2 | | | | | 62 | 683 | | | | |
| Total | 457 | 3,136 | 17,517 | 464,195 | 249,153 | 1,421,112 | 34,427 | 328,861 | 99 | 353 | 5,708 | 39,842 |

Appendix A.5. Commercial drift gill net catch of salmon by species and day in the Copper River District, Statistical Area 212-30, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 05/12 | 22 | 28 | 354 | 9,806 | 606 | 3,289 | | | | | | |
| 05/13 | 2 | 2 | 8 | 218 | 51 | 299 | | | | | | |
| 05/19 | 33 | 40 | 663 | 17,033 | 3,859 | 20,935 | | | | | | |
| 05/20 | 35 | 42 | 563 | 13,632 | 3,869 | 21,194 | | | | | 1 | 6 |
| 05/22 | 39 | 39 | 587 | 15,166 | 3,124 | 16,736 | | | | | 9 | 58 |
| 05/23 | 63 | 79 | 1,162 | 28,481 | 5,659 | 30,566 | 7 | 51 | 1 | 4 | 70 | 700 |
| 05/26 | 103 | 137 | 1,447 | 35,631 | 20,800 | 114,775 | | | | | 8 | 49 |
| 05/27 | 23 | 24 | 116 | 2,843 | 1,756 | 9,871 | | | | | 10 | 74 |
| 06/02 | 102 | 152 | 825 | 21,640 | 22,510 | 126,213 | | | | | 1 | 6 |
| 06/03 | 44 | 44 | 121 | 3,044 | 3,141 | 17,484 | | | | | 4 | 28 |
| 06/09 | 86 | 107 | 416 | 11,531 | 10,874 | 63,237 | | | 1 | 4 | | |
| 06/10 | 32 | 32 | 71 | 1,882 | 5,516 | 32,037 | | | | | 80 | 658 |
| 06/12 | 28 | 30 | 97 | 2,591 | 4,627 | 26,880 | | | | | 7 | 42 |
| 06/13 | 101 | 135 | 349 | 9,014 | 16,601 | 97,765 | 1 | 6 | | | 72 | 571 |
| 06/16 | 131 | 167 | 496 | 13,179 | 18,394 | 110,937 | 6 | 38 | | | 600 | 4,000 |
| 06/17 | 137 | 160 | 355 | 9,832 | 19,532 | 118,731 | 13 | 93 | | | 157 | 1,126 |
| 06/19 | 25 | 26 | 41 | 1,221 | 1,890 | 10,994 | | | | | | |
| 06/20 | 106 | 137 | 158 | 3,938 | 13,581 | 80,590 | 6 | 46 | | | 1,160 | 8,164 |
| 06/21 | 29 | 29 | 53 | 1,169 | 3,484 | 20,887 | 29 | 247 | | | 651 | 4,640 |
| 06/23 | 68 | 86 | 121 | 3,444 | 12,420 | 74,418 | 5 | 36 | 8 | 25 | 128 | 1,024 |
| 06/24 | 60 | 86 | 111 | 2,900 | 11,809 | 70,137 | 68 | 471 | 1 | 4 | 664 | 5,258 |
| 06/26 | 1 | 1 | | | 89 | 554 | | | | | | |
| 06/27 | 76 | 121 | 107 | 2,782 | 10,369 | 61,616 | 7 | 54 | 7 | 58 | 199 | 1,463 |
| 06/28 | 12 | 12 | 6 | 138 | 822 | 4,942 | 2 | 16 | | | 43 | 263 |
| 06/30 | 24 | 24 | 23 | 620 | 4,413 | 26,267 | | | | | | |
| 07/01 | 25 | 39 | 37 | 976 | 6,049 | 35,463 | 9 | 65 | | | | |
| 07/02 | 11 | 11 | 6 | 198 | 891 | 5,188 | | | | | 54 | 320 |
| 07/03 | 8 | 8 | 6 | 126 | 914 | 5,474 | 1 | 7 | | | | |
| 07/04 | 39 | 51 | 23 | 614 | 6,123 | 35,883 | 3 | 29 | 1 | 4 | 5 | 39 |
| 07/05 | 11 | 11 | 5 | 117 | 1,349 | 8,036 | | | | | | |
| 07/07 | 29 | 39 | 21 | 601 | 7,899 | 47,899 | 42 | 255 | 7 | 31 | 1 | 8 |
| 07/08 | 19 | 24 | 13 | 354 | 3,844 | 23,127 | 23 | 180 | | | 1 | 7 |
| 07/09 | 14 | 14 | 8 | 150 | 1,958 | 11,963 | 32 | 227 | 3 | 13 | 9 | 77 |
| 07/10 | 18 | 19 | 4 | 65 | 1,818 | 11,058 | 54 | 345 | 2 | 8 | 5 | 35 |
| 07/11 | 44 | 65 | 13 | 258 | 6,833 | 41,405 | 69 | 491 | 7 | 25 | 7 | 57 |
| 07/12 | 12 | 12 | 4 | 118 | 1,200 | 7,084 | 43 | 289 | 1 | 4 | | |
| 07/14 | 37 | 41 | 5 | 121 | 3,930 | 23,765 | 55 | 414 | 9 | 37 | 13 | 94 |
| 07/15 | 37 | 46 | 7 | 136 | 4,534 | 27,925 | 55 | 413 | 8 | 33 | 9 | 69 |

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Appendix A.5. (page 2 of 2)

| Catch MM/DD | Permits | Landings | Catch by Species: Chinook Number | Chinook Pounds | Sockeye Number | Sockeye Pounds | Coho Number | Coho Pounds | Pink Number | Pink Pounds | Chum Number | Chum Pounds |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 07/16 | 11 | 11 | 1 | 30 | 524 | 3,261 | 5 | 30 | 1 | 3 | | |
| 07/18 | 42 | 61 | 6 | 152 | 5,343 | 33,597 | 258 | 1,934 | 14 | 58 | 30 | 243 |
| 07/19 | 8 | 8 | | | 876 | 5,583 | 42 | 324 | | | 11 | 88 |
| 07/21 | 41 | 49 | 8 | 202 | 3,025 | 18,804 | 74 | 488 | 15 | 53 | 45 | 405 |
| 07/22 | 22 | 26 | 3 | 94 | 2,192 | 13,882 | 152 | 1,035 | 9 | 36 | 15 | 122 |
| 07/24 | 4 | 4 | | | 131 | 776 | 17 | 126 | | | | |
| 07/25 | 23 | 33 | 2 | 41 | 2,748 | 17,449 | 160 | 1,218 | 1 | 3 | 4 | 32 |
| 07/26 | 2 | 2 | | | 246 | 1,529 | 22 | 152 | | | | |
| 07/28 | 23 | 23 | 5 | 140 | 2,000 | 12,976 | 194 | 1,530 | 3 | 10 | 1 | 9 |
| 07/29 | 13 | 15 | 1 | 20 | 941 | 6,130 | 217 | 1,731 | 6 | 18 | 1 | 6 |
| 07/30 | 8 | 8 | 1 | 10 | 407 | 2,588 | 109 | 830 | 3 | 10 | | |
| 07/31 | 1 | 1 | | | 11 | 85 | 2 | 20 | | | | |
| 08/01 | 11 | 12 | | | 629 | 3,965 | 327 | 2,300 | | | | |
| 08/02 | 1 | 1 | | | 17 | 110 | 30 | 189 | 2 | 6 | | |
| 08/04 | 15 | 15 | | | 565 | 3,689 | 663 | 4,859 | 4 | 12 | | |
| 08/05 | 15 | 17 | | | 419 | 2,862 | 676 | 5,138 | 6 | 28 | | |
| 08/06 | 14 | 15 | 2 | 35 | 280 | 1,849 | 469 | 3,591 | 1 | 4 | | |
| 08/07 | 6 | 6 | | | 33 | 209 | 147 | 1,253 | 1 | 3 | | |
| 08/11 | 20 | 21 | 2 | 80 | 90 | 623 | 1,057 | 8,489 | 2 | 7 | | |
| 08/12 | 37 | 43 | 2 | 48 | 209 | 1,462 | 2,087 | 17,677 | 6 | 25 | 1 | 9 |
| 08/13 | 26 | 29 | | | 135 | 985 | 1,136 | 9,618 | 6 | 25 | | |
| 08/14 | 11 | 16 | | | 119 | 738 | 411 | 3,199 | 5 | 16 | | |
| 08/18 | 54 | 67 | 1 | 30 | 188 | 1,521 | 5,645 | 51,255 | 21 | 72 | 1 | 8 |
| 08/19 | 56 | 62 | | | 95 | 648 | 4,537 | 41,703 | 1 | 5 | | |
| 08/20 | 48 | 70 | | | 84 | 618 | 3,748 | 35,595 | 1 | 5 | | |
| 08/21 | 25 | 26 | 1 | 30 | 47 | 351 | 1,975 | 18,540 | 2 | 6 | | |
| 08/25 | 55 | 61 | | | 30 | 227 | 5,882 | 57,961 | | | | |
| 08/26 | 26 | 27 | | | 12 | 105 | 1,842 | 18,318 | | | | |
| 08/27 | 49 | 68 | | | 17 | 118 | 3,802 | 38,181 | | | | |
| 08/28 | 42 | 49 | | | 4 | 28 | 3,922 | 39,661 | | | | |
| 09/01 | 97 | 139 | | | 16 | 118 | 9,481 | 95,868 | 1 | 4 | 1 | 7 |
| 09/02 | 85 | 104 | | | 4 | 31 | 5,759 | 58,832 | 5 | 22 | | |
| 09/03 | 68 | 83 | | | 8 | 57 | 3,026 | 31,015 | | | | |
| 09/04 | 62 | 65 | | | 10 | 81 | 2,228 | 22,806 | | | | |
| 09/08 | 50 | 62 | | | 4 | 31 | 3,980 | 41,781 | | | | |
| 09/09 | 80 | 101 | 1 | 5 | 18 | 146 | 5,135 | 54,029 | 1 | 5 | | |
| 09/10 | 64 | 76 | 1 | 14 | 9 | 65 | 2,936 | 30,630 | | | | |
| 09/11 | 23 | 26 | | | | | 555 | 5,581 | | | | |
| 09/15 | 33 | 36 | | | 3 | 25 | 582 | 5,966 | | | | |
| 09/16 | 12 | 13 | | | | | 230 | 2,512 | | | | |
| Total | 328 | 3,671 | 8,439 | 216,500 | 268,627 | 1,582,946 | 74,050 | 719,738 | 173 | 686 | 4,078 | 29,765 |

Appendix A.6. Commercial drift gill net catch by species and period in the Bering River District, 1986.

| | | | | | | Chinook | | Sockeye | | Coho | | Pink | | Chums | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week | Period | Dates | Hrs. | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 25 | 1 | 6/16-6/17 | 36 | 27 | 40 | 55 | 1,292 | 4,871 | 29,196 | 1 | 9 | | | | | 4,927 | 30,497 |
| 25 | 2 | 6/19-6/21 | 36 | 16 | 27 | 29 | 713 | 5,190 | 31,192 | | | | | 9 | 58 | 5,228 | 31,963 |
| 26 | 3 | 6/23-6/24 | 36 | 11 | 26 | 19 | 476 | 4,075 | 23,998 | | | | | 234 | 1,600 | 4,328 | 26,074 |
| 26 | 4 | 6/26-6/28 | 36 | 10 | 20 | 3 | 55 | 1,751 | 10,479 | | | | | | | 1,754 | 10,534 |
| 27 | 5 | 6/30-7/02 | 48 | 4 | 8 | 12 | 283 | 2,196 | 13,221 | | | | | | | 2,208 | 13,504 |
| 28 | 7 | 7/07-7/09 | 48 | 3 | 5 | 7 | 206 | 832 | 5,048 | | | | | | | 839 | 5,254 |
| 33 | 16 | 8/11-8/14 | 84 | 8 | 11 | | | | | 608 | 4,964 | | | | | 608 | 4,964 |
| 34 | 17 | 8/18-8/21 | 84 | 82 | 288 | | | 70 | 489 | 22,562 | 198,274 | 6 | 28 | | | 22,638 | 198,791 |
| 35 | 18 | 8/25-8/28 | 84 | 128 | 405 | 2 | 42 | 41 | 315 | 43,134 | 410,742 | 1 | 4 | | | 43,178 | 411,103 |
| 36 | 19 | 9/01-9/04 | 84 | 188 | 665 | 1 | 7 | 11 | 86 | 29,928 | 293,282 | 5 | 23 | | | 29,945 | 293,398 |
| 37 | 20 | 9/08-9/11 | 84 | 143 | 385 | | | 1 | 6 | 17,505 | 174,029 | 3 | 12 | | | 17,509 | 174,047 |
| 38 | 21 | 9/15-9/16 | 36 | 31 | 55 | | | | | 2,071 | 20,825 | | | | | 2,071 | 20,825 |
| Totals | | | | 226 | 1936 | 128 | 3,074 | 19,038 | 114,030 | 115,809 | 1,102,125 | 15 | 67 | 243 | 1,658 | 135,233 | 1,220,954 |

Appendix A.7. Commercial drift gill net catch by species and day in the Bering River District, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 06/16 | 18 | 18 | 28 | 660 | 2,652 | 15,821 | 1 | 9 | | | | |
| 06/17 | 21 | 22 | 27 | 632 | 2,219 | 13,375 | | | | | | |
| 06/19 | 9 | 10 | 12 | 292 | 2,310 | 14,019 | | | | | | |
| 06/20 | 8 | 9 | 10 | 310 | 1,237 | 7,465 | | | | | 9 | 58 |
| 06/21 | 8 | 8 | 7 | 111 | 1,643 | 9,708 | | | | | | |
| 06/23 | 9 | 10 | 12 | 288 | 1,597 | 9,695 | | | | | | |
| 06/24 | 11 | 16 | 7 | 188 | 2,478 | 14,303 | | | | | 234 | 1,600 |
| 06/27 | 10 | 20 | 3 | 55 | 1,751 | 10,479 | | | | | | |
| 06/30 | 4 | 4 | 2 | 53 | 958 | 5,823 | | | | | | |
| 07/01 | 4 | 4 | 10 | 230 | 1,238 | 7,398 | | | | | | |
| 07/07 | 3 | 3 | | | 394 | 2,458 | | | | | | |
| 07/08 | 2 | 2 | 7 | 206 | 438 | 2,590 | | | | | | |
| 08/12 | 7 | 7 | | | | | 317 | 2,465 | | | | |
| 08/14 | 3 | 4 | | | | | 291 | 2,499 | | | | |
| 08/18 | 47 | 53 | | | 18 | 126 | 4,196 | 35,659 | 1 | 5 | | |
| 08/19 | 46 | 52 | | | 8 | 54 | 4,988 | 42,557 | 2 | 10 | | |
| 08/20 | 66 | 81 | | | 11 | 84 | 6,631 | 58,578 | 2 | 9 | | |
| 08/21 | 78 | 102 | | | 33 | 225 | 6,747 | 61,480 | 1 | 4 | | |
| 08/25 | 91 | 104 | | | 15 | 121 | 16,442 | 155,187 | | | | |
| 08/26 | 67 | 74 | 1 | 22 | 5 | 36 | 9,114 | 86,761 | | | | |
| 08/27 | 99 | 119 | 1 | 20 | 15 | 115 | 11,826 | 113,274 | | | | |
| 08/28 | 99 | 108 | | | 6 | 43 | 5,752 | 55,520 | 1 | 4 | | |
| 09/01 | 163 | 208 | | | 3 | 22 | 12,262 | 120,564 | | | | |
| 09/02 | 150 | 181 | 1 | 7 | 4 | 35 | 8,937 | 87,155 | 2 | 9 | | |
| 09/03 | 135 | 166 | | | 2 | 14 | 5,917 | 57,746 | 1 | 4 | | |
| 09/04 | 96 | 111 | | | 2 | 15 | 2,812 | 27,817 | 2 | 10 | | |
| 09/08 | 115 | 127 | | | | | 8,321 | 82,786 | | | | |
| 09/09 | 98 | 112 | | | | | 5,413 | 53,278 | | | | |
| 09/10 | 87 | 99 | | | 1 | 6 | 2,810 | 28,217 | 2 | 8 | | |
| 09/11 | 45 | 47 | | | | | 961 | 9,748 | 1 | 4 | | |
| 09/15 | 31 | 47 | | | | | 1,831 | 18,391 | | | | |
| 09/16 | 7 | 8 | | | | | 240 | 2,434 | | | | |
| Total | 226 | 1,936 | 128 | 3,074 | 19,038 | 114,030 | 115,809 | 1,102,125 | 15 | 67 | 243 | 1,658 |

Appendix A.8. Commercial drift gill net catch of salmon by species and day in the Bering River District, Statistical Area 200-10, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 06/16 | 7 | 7 | 12 | 293 | 996 | 6,060 | | | | | | |
| 06/17 | 5 | 5 | 10 | 205 | 928 | 5,790 | | | | | | |
| 06/19 | 1 | 1 | 3 | 85 | 45 | 250 | | | | | | |
| 06/20 | 5 | 5 | 10 | 310 | 445 | 2,780 | | | | | 5 | 38 |
| 08/18 | 5 | 5 | | | 2 | 14 | 581 | 4,815 | | | | |
| 08/19 | 6 | 7 | | | 3 | 18 | 575 | 4,718 | | | | |
| 08/20 | 5 | 5 | | | | | 474 | 4,154 | | | | |
| 08/21 | 9 | 9 | | | 6 | 42 | 805 | 7,224 | | | | |
| 08/25 | 10 | 10 | | | | | 2,533 | 23,776 | | | | |
| 08/26 | 12 | 17 | | | | | 3,037 | 28,453 | | | | |
| 08/27 | 13 | 21 | | | | | 2,843 | 26,655 | | | | |
| 08/28 | 7 | 7 | | | | | 480 | 4,598 | | | | |
| 09/01 | 21 | 31 | | | | | 1,403 | 13,976 | | | | |
| 09/02 | 18 | 26 | | | | | 1,177 | 11,279 | | | | |
| 09/03 | 13 | 16 | | | | | 579 | 5,685 | | | | |
| 09/04 | 11 | 11 | | | 1 | 7 | 246 | 2,464 | | | | |
| 09/08 | 11 | 14 | | | | | 1,125 | 11,134 | | | | |
| 09/09 | 12 | 19 | | | | | 1,292 | 11,806 | | | | |
| 09/10 | 17 | 20 | | | | | 542 | 5,396 | | | | |
| 09/11 | 14 | 14 | | | | | 319 | 3,296 | | | | |
| Total | 71 | 250 | 35 | 893 | 2,426 | 14,961 | 18,011 | 169,429 | 0 | 0 | 5 | 38 |

Appendix A.9. Commercial drift gill net catch of salmon by species and day in the Bering River District, Statistical Area 200-20, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 06/16 | 11 | 11 | 16 | 367 | 1,656 | 9,761 | 1 | 9 | | | | |
| 06/17 | 17 | 17 | 17 | 427 | 1,291 | 7,585 | | | | | | |
| 06/19 | 8 | 9 | 9 | 207 | 2,265 | 13,769 | | | | | | |
| 06/20 | 3 | 4 | | | 792 | 4,685 | | | | | 4 | 20 |
| 06/21 | 8 | 8 | 7 | 111 | 1,643 | 9,708 | | | | | | |
| 06/23 | 9 | 10 | 12 | 288 | 1,597 | 9,695 | | | | | | |
| 06/24 | 11 | 16 | 7 | 188 | 2,478 | 14,303 | | | | | 234 | 1,600 |
| 06/27 | 10 | 20 | 3 | 55 | 1,751 | 10,479 | | | | | | |
| 06/30 | 4 | 4 | 2 | 53 | 958 | 5,823 | | | | | | |
| 07/01 | 4 | 4 | 10 | 230 | 1,238 | 7,398 | | | | | | |
| 07/07 | 3 | 3 | | | 394 | 2,458 | | | | | | |
| 07/08 | 2 | 2 | 7 | 206 | 438 | 2,590 | | | | | | |
| 08/12 | 7 | 7 | | | | | 317 | 2,465 | | | | |
| 08/14 | 3 | 4 | | | | | 291 | 2,499 | | | | |
| 08/18 | 43 | 48 | | | 16 | 112 | 3,615 | 30,844 | 1 | 5 | | |
| 08/19 | 40 | 45 | | | 5 | 36 | 4,413 | 37,839 | 2 | 10 | | |
| 08/20 | 62 | 76 | | | 11 | 84 | 6,157 | 54,424 | 2 | 9 | | |
| 08/21 | 72 | 93 | | | 27 | 183 | 5,942 | 54,256 | 1 | 4 | | |
| 08/25 | 81 | 94 | | | 15 | 121 | 13,909 | 131,411 | | | | |
| 08/26 | 55 | 57 | 1 | 22 | 5 | 36 | 6,077 | 58,308 | | | | |
| 08/27 | 91 | 98 | 1 | 20 | 15 | 115 | 8,983 | 86,619 | | | | |
| 08/28 | 97 | 101 | | | 6 | 43 | 5,272 | 50,922 | 1 | 4 | | |
| 09/01 | 145 | 177 | | | 3 | 22 | 10,859 | 106,588 | | | | |
| 09/02 | 132 | 155 | 1 | 7 | 4 | 35 | 7,760 | 75,876 | 2 | 9 | | |
| 09/03 | 122 | 150 | | | 2 | 14 | 5,338 | 52,061 | 1 | 4 | | |
| 09/04 | 87 | 100 | | | 1 | 8 | 2,566 | 25,353 | 2 | 10 | | |
| 09/08 | 104 | 113 | | | | | 7,196 | 71,652 | | | | |
| 09/09 | 86 | 93 | | | | | 4,121 | 41,472 | | | | |
| 09/10 | 71 | 79 | | | 1 | 6 | 2,268 | 22,821 | 2 | 8 | | |
| 09/11 | 31 | 33 | | | | | 642 | 6,452 | 1 | 4 | | |
| 09/15 | 31 | 47 | | | | | 1,831 | 18,391 | | | | |
| 09/16 | 7 | 8 | | | | | 240 | 2,434 | | | | |
| Total | 213 | 1,686 | 93 | 2,181 | 16,612 | 99,069 | 97,798 | 932,696 | 15 | 67 | 238 | 1,620 |

Appendix A.10. Temporally stratified age and sex composition of chinook salmon in the commercial catches from the Copper River District, 1986.

| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | 1982 | 1981 | | | 1980 | | 1979 | | | |
| | | 0.2 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 1.5 | 2.4 | 3.3 | Total |
| Stratum Dates: | 05/11 - 05/17 | | | | | | | | | | | |
| Sample Dates: | 05/12 - 05/13 | | | | | | | | | | | |
| Sample Size: | 539 | | | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 3.9 | 0.0 | 24.8 | 0.4 | 24.6 | 2.0 | 0.2 | 1.5 | 0.2 | 57.6 |
| | Number in Catch | 0 | 119 | 0 | 755 | 12 | 749 | 61 | 6 | 46 | 6 | 1,754 |
| Male | Percent of Sample | 0.0 | 0.6 | 0.0 | 10.2 | 0.2 | 28.4 | 0.6 | 0.6 | 1.8 | 0.0 | 42.4 |
| | Number in Catch | 0 | 18 | 0 | 311 | 6 | 865 | 18 | 18 | 55 | 0 | 1,291 |
| Total | Percent of Sample | 0.0 | 4.5 | 0.0 | 35.0 | 0.6 | 53.0 | 2.6 | 0.8 | 3.3 | 0.2 | 100.0 |
| | Number in Catch | 0 | 137 | 0 | 1,066 | 18 | 1,614 | 79 | 24 | 101 | 6 | 3,045 |
| | Standard Error | 0 | 27 | 0 | 63 | 10 | 66 | 21 | 12 | 23 | 6 | |
| Stratum Dates: | 05/18 - 05/24 | | | | | | | | | | | |
| Sample Dates: | 05/19 - 05/20 | | | | | | | | | | | |
| Sample Size: | 545 | | | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 2.6 | 0.0 | 34.9 | 0.0 | 18.3 | 2.9 | 0.2 | 1.1 | 0.0 | 60.0 |
| | Number in Catch | 0 | 360 | 0 | 4,829 | 0 | 2,532 | 401 | 27 | 152 | 0 | 8,301 |
| Male | Percent of Sample | 0.0 | 3.1 | 0.0 | 15.0 | 0.0 | 19.3 | 1.5 | 0.2 | 0.9 | 0.0 | 40.0 |
| | Number in Catch | 0 | 429 | 0 | 2,076 | 0 | 2,671 | 208 | 27 | 125 | 0 | 5,536 |
| Total | Percent of Sample | 0.0 | 5.7 | 0.0 | 49.9 | 0.0 | 37.6 | 4.4 | 0.4 | 2.0 | 0.0 | 100.0 |
| | Number in Catch | 0 | 789 | 0 | 6,905 | 0 | 5,203 | 609 | 54 | 277 | 0 | 13,837 |
| | Standard Error | 0 | 138 | 0 | 297 | 0 | 287 | 122 | 37 | 83 | 0 | |
| Stratum Dates: | 05/25 - 05/31 | | | | | | | | | | | |
| Sample Dates: | 05/26 - 05/27 | | | | | | | | | | | |
| Sample Size: | 573 | | | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 3.0 | 0.0 | 35.9 | 0.0 | 15.9 | 2.1 | 0.0 | 0.9 | 0.2 | 58.0 |
| | Number in Catch | 0 | 217 | 0 | 2,599 | 0 | 1,151 | 152 | 0 | 65 | 14 | 4,198 |
| Male | Percent of Sample | 0.0 | 3.1 | 0.0 | 21.1 | 0.2 | 12.9 | 2.4 | 0.9 | 1.4 | 0.0 | 42.0 |
| | Number in Catch | 0 | 224 | 0 | 1,527 | 14 | 934 | 174 | 65 | 101 | 0 | 3,039 |
| Total | Percent of Sample | 0.0 | 6.1 | 0.0 | 57.0 | 0.2 | 28.8 | 4.5 | 0.9 | 2.3 | 0.2 | 100.0 |
| | Number in Catch | 0 | 441 | 0 | 4,126 | 14 | 2,085 | 326 | 65 | 166 | 14 | 7,237 |
| | Standard Error | 0 | 72 | 0 | 150 | 14 | 137 | 63 | 29 | 45 | 14 | |

-Continued-

Appendix A.10. (page 2 of 2)

| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | 1982 | 1981 | | | 1980 | | 1979 | | | |
| | | 0.2 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 1.5 | 2.4 | 3.3 | Total |
| Stratum Dates: | 06/01 - 06/07 | | | | | | | | | | | |
| Sample Dates: | 06/02 - 06/03 | | | | | | | | | | | |
| Sample Size: | 535 | | | | | | | | | | | |
| Female | Percent of Sample | 0.2 | 2.8 | 0.0 | 32.1 | 0.2 | 12.4 | 2.1 | 0.0 | 0.2 | 0.0 | 50.0 |
| | Number in Catch | 14 | 196 | 0 | 2,241 | 14 | 866 | 147 | 0 | 14 | 0 | 3,492 |
| Male | Percent of Sample | 0.2 | 5.1 | 0.0 | 26.4 | 0.0 | 17.2 | 0.7 | 0.2 | 0.2 | 0.0 | 50.0 |
| | Number in Catch | 14 | 356 | 0 | 1,844 | 0 | 1,201 | 49 | 14 | 14 | 0 | 3,492 |
| Total | Percent of Sample | 0.4 | 7.9 | 0.0 | 58.5 | 0.2 | 29.6 | 2.8 | 0.2 | 0.4 | 0.0 | 100.0 |
| | Number in Catch | 28 | 552 | 0 | 4,085 | 14 | 2,067 | 196 | 14 | 28 | 0 | 6,984 |
| | Standard Error | 19 | 82 | 0 | 149 | 14 | 138 | 50 | 14 | 19 | 0 | |
| Stratum Dates: | 06/08 - 09/11 | | | | | | | | | | | |
| Sample Dates: | 06/09 - 06/10 | | | | | | | | | | | |
| Sample Size: | 574 | | | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 0.7 | 0.2 | 33.5 | 0.0 | 13.6 | 2.1 | 0.7 | 0.3 | 0.0 | 51.1 |
| | Number in Catch | 0 | 67 | 19 | 3,205 | 0 | 1,301 | 201 | 67 | 29 | 0 | 4,889 |
| Male | Percent of Sample | 0.0 | 3.7 | 0.2 | 24.9 | 0.0 | 17.8 | 1.9 | 0.2 | 0.2 | 0.0 | 48.9 |
| | Number in Catch | 0 | 354 | 19 | 2,382 | 0 | 1,703 | 182 | 19 | 19 | 0 | 4,678 |
| Total | Percent of Sample | 0.0 | 4.4 | 0.4 | 58.4 | 0.0 | 31.4 | 4.0 | 0.9 | 0.5 | 0.0 | 100.0 |
| | Number in Catch | 0 | 421 | 38 | 5,587 | 0 | 3,004 | 383 | 86 | 48 | 0 | 9,567 |
| | Standard Error | 0 | 82 | 25 | 197 | 0 | 185 | 78 | 38 | 28 | 0 | |
| Strata Combined: | 05/11 - 09/11 | | | | | | | | | | | |
| Sample Dates: | 05/12 - 06/10 | | | | | | | | | | | |
| Sample Size: | 2,766 | | | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 2.4 | 0.0 | 33.5 | 0.1 | 16.2 | 2.4 | 0.2 | 0.8 | 0.0 | 55.7 |
| | Number in Catch | 14 | 959 | 19 | 13,629 | 26 | 6,599 | 962 | 100 | 306 | 20 | 22,634 |
| Male | Percent of Sample | 0.0 | 3.4 | 0.0 | 20.0 | 0.0 | 18.1 | 1.6 | 0.4 | 0.8 | 0.0 | 44.3 |
| | Number in Catch | 14 | 1,381 | 19 | 8,140 | 20 | 7,374 | 631 | 143 | 314 | 0 | 18,036 |
| Total | Percent of Sample | 0.1 | 5.8 | 0.1 | 53.5 | 0.1 | 34.4 | 3.9 | 0.6 | 1.5 | 0.0 | 100.0 |
| | Number in Catch | 28 | 2,340 | 38 | 21,769 | 46 | 13,973 | 1,593 | 243 | 620 | 20 | 40,670 |
| | Standard Error | 19 | 196 | 25 | 419 | 22 | 399 | 167 | 63 | 103 | 15 | |

Appendix A.11. Temporally stratified age and sex composition of the sockeye salmon in the commercial catches from the Copper River District, 1986.

| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | 1982 | | 1981 | | | 1980 | | 1979 | | |
| | | 0.2 | 0.3 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 2.4 | 3.3 | Total |
| Stratum Dates: | 5/11-5/17 | | | | | | | | | | | |
| Sample Dates: | 5/12-5/13 | | | | | | | | | | | |
| Sample Size: | 588 | | | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 4.9 | 0.0 | 0.0 | 21.8 | 0.2 | 0.5 | 19.4 | 0.0 | 0.0 | 46.8 |
| | Number in Catch | 0 | 431 | 0 | 0 | 1,918 | 18 | 44 | 1,707 | 0 | 0 | 4,118 |
| Male | Percent of Sample | 0.0 | 8.0 | 0.2 | 0.0 | 29.5 | 0.0 | 0.0 | 15.5 | 0.0 | 0.0 | 53.2 |
| | Number in Catch | 0 | 704 | 18 | 0 | 2,594 | 0 | 0 | 1,364 | 0 | 0 | 4,680 |
| Total | Percent of Sample | 0.0 | 12.9 | 0.2 | 0.0 | 51.3 | 0.2 | 0.5 | 34.9 | 0.0 | 0.0 | 100.0 |
| | Number in Catch | 0 | 1,135 | 18 | 0 | 4,512 | 18 | 44 | 3,071 | 0 | 0 | 8,798 |
| | Standard Error | 0 | 122 | 16 | 0 | 182 | 16 | 26 | 173 | 0 | 0 | |
| Stratum Dates: | 5/18-5/24 | | | | | | | | | | | |
| Sample Dates: | 5/19-5/20 | | | | | | | | | | | |
| Sample Size: | 596 | | | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 4.7 | 0.8 | 0.0 | 23.4 | 0.0 | 0.2 | 21.0 | 0.0 | 0.2 | 50.3 |
| | Number in Catch | 0 | 5,727 | 975 | 0 | 28,514 | 0 | 244 | 25,589 | 0 | 244 | 61,293 |
| Male | Percent of Sample | 0.0 | 6.4 | 0.5 | 0.0 | 28.6 | 0.2 | 0.0 | 14.0 | 0.0 | 0.0 | 49.7 |
| | Number in Catch | 0 | 7,799 | 609 | 0 | 34,850 | 244 | 0 | 17,060 | 0 | 0 | 60,562 |
| Total | Percent of Sample | 0.0 | 11.1 | 1.3 | 0.0 | 52.0 | 0.2 | 0.2 | 35.0 | 0.0 | 0.2 | 100.0 |
| | Number in Catch | 0 | 13,526 | 1,584 | 0 | 63,364 | 244 | 244 | 42,649 | 0 | 244 | 121,855 |
| | Standard Error | 0 | 1,569 | 566 | 0 | 2,496 | 223 | 223 | 2,383 | 0 | 223 | |
| Stratum Dates: | 5/25-5/31 | | | | | | | | | | | |
| Sample Dates: | 5/26-5/27 | | | | | | | | | | | |
| Sample Size: | 707 | | | | | | | | | | | |
| Female | Percent of Sample | 0.1 | 4.4 | 1.4 | 0.1 | 25.9 | 0.1 | 0.0 | 18.2 | 0.0 | 0.0 | 50.2 |
| | Number in Catch | 63 | 2,775 | 883 | 63 | 16,337 | 63 | 0 | 11,480 | 0 | 0 | 31,664 |
| Male | Percent of Sample | 0.0 | 8.3 | 1.7 | 0.0 | 27.8 | 0.3 | 0.1 | 11.6 | 0.0 | 0.0 | 49.8 |
| | Number in Catch | 0 | 5,236 | 1,072 | 0 | 17,535 | 189 | 63 | 7,317 | 0 | 0 | 31,412 |
| Total | Percent of Sample | 0.1 | 12.7 | 3.1 | 0.1 | 53.7 | 0.4 | 0.1 | 29.8 | 0.0 | 0.0 | 100.0 |
| | Number in Catch | 63 | 8,011 | 1,955 | 63 | 33,872 | 252 | 63 | 18,797 | 0 | 0 | 63,076 |
| | Standard Error | 75 | 790 | 411 | 75 | 1,184 | 150 | 75 | 1,086 | 0 | 0 | |

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Appendix A.11. (page 2 of 3)

| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | 1982 | | 1981 | | | 1980 | | 1979 | | |
| | | 0.2 | 0.3 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 2.4 | 3.3 | Total |
| Stratum Dates: | 6/01-6/07 | | | | | | | | | | | |
| Sample Dates: | 6/02-6/03 | | | | | | | | | | | |
| Sample Size: | 592 | | | | | | | | | | | |
| Female | Percent of Sample | 0.2 | 6.8 | 5.6 | 0.0 | 26.9 | 1.2 | 0.0 | 10.9 | 0.0 | 0.0 | 51.6 |
| | Number in Catch | 152 | 5,155 | 4,245 | 0 | 20,392 | 910 | 0 | 8,263 | 0 | 0 | 39,117 |
| Male | Percent of Sample | 0.9 | 3.7 | 9.1 | 0.0 | 25.7 | 0.3 | 0.0 | 8.5 | 0.2 | 0.0 | 48.4 |
| | Number in Catch | 682 | 2,805 | 6,899 | 0 | 19,483 | 227 | 0 | 6,444 | 152 | 0 | 36,692 |
| Total | Percent of Sample | 1.1 | 10.5 | 14.7 | 0.0 | 52.6 | 1.5 | 0.0 | 19.4 | 0.2 | 0.0 | 100.0 |
| | Number in Catch | 834 | 7,960 | 11,144 | 0 | 39,875 | 1,137 | 0 | 14,707 | 152 | 0 | 75,809 |
| | Standard Error | 325 | 956 | 1,104 | 0 | 1,557 | 379 | 0 | 1,233 | 139 | 0 | |
| Stratum Dates: | 6/08-6/14 | | | | | | | | | | | |
| Sample Dates: | 6/09-6/10 | | | | | | | | | | | |
| Sample Size: | 605 | | | | | | | | | | | |
| Female | Percent of Sample | 0.2 | 6.4 | 6.0 | 0.0 | 27.5 | 0.0 | 0.0 | 5.1 | 0.0 | 0.0 | 45.2 |
| | Number in Catch | 224 | 7,156 | 6,709 | 0 | 30,750 | 0 | 0 | 5,703 | 0 | 0 | 50,542 |
| Male | Percent of Sample | 0.6 | 6.0 | 11.2 | 0.0 | 28.5 | 0.5 | 0.2 | 7.8 | 0.0 | 0.0 | 54.8 |
| | Number in Catch | 671 | 6,709 | 12,524 | 0 | 31,868 | 559 | 224 | 8,722 | 0 | 0 | 61,277 |
| Total | Percent of Sample | 0.8 | 12.4 | 17.2 | 0.0 | 56.0 | 0.5 | 0.2 | 12.9 | 0.0 | 0.0 | 100.0 |
| | Number in Catch | 895 | 13,865 | 19,233 | 0 | 62,618 | 559 | 224 | 14,425 | 0 | 0 | 111,819 |
| | Standard Error | 405 | 1,500 | 1,717 | 0 | 2,258 | 321 | 203 | 1,525 | 0 | 0 | |
| Stratum Dates: | 6/15-6/21 | | | | | | | | | | | |
| Sample Dates: | 6/16-6/17 | | | | | | | | | | | |
| Sample Size: | 602 | | | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 8.3 | 4.8 | 0.0 | 32.6 | 0.2 | 0.0 | 4.2 | 0.0 | 0.0 | 50.1 |
| | Number in Catch | 0 | 10,395 | 6,012 | 0 | 40,827 | 250 | 0 | 5,260 | 0 | 0 | 62,744 |
| Male | Percent of Sample | 0.5 | 4.7 | 10.6 | 0.0 | 30.4 | 0.5 | 0.0 | 3.2 | 0.0 | 0.0 | 49.9 |
| | Number in Catch | 626 | 5,886 | 13,275 | 0 | 38,073 | 627 | 0 | 4,008 | 0 | 0 | 62,495 |
| Total | Percent of Sample | 0.5 | 13.0 | 15.4 | 0.0 | 63.0 | 0.7 | 0.0 | 7.4 | 0.0 | 0.0 | 100.0 |
| | Number in Catch | 626 | 16,281 | 19,287 | 0 | 78,900 | 877 | 0 | 9,268 | 0 | 0 | 125,239 |
| | Standard Error | 360 | 1,718 | 1,844 | 0 | 2,466 | 426 | 0 | 1,337 | 0 | 0 | |

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Appendix A.11. (page 3 of 3)

| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | 1982 | | 1981 | | | 1980 | | 1979 | | |
| | | 0.2 | 0.3 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 2.4 | 3.3 | Total |
| Stratum Dates: | 6/22-7/02 | | | | | | | | | | | |
| Sample Dates: | 6/23-6/24 | | | | | | | | | | | |
| Sample Size: | 607 | | | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 8.2 | 9.7 | 0.0 | 32.0 | 0.0 | 0.2 | 0.3 | 0.0 | 0.0 | 50.4 |
| | Number in Catch | 0 | 10,356 | 12,250 | 0 | 40,413 | 0 | 253 | 378 | 0 | 0 | 63,650 |
| Male | Percent of Sample | 0.7 | 5.6 | 15.7 | 0.0 | 26.9 | 0.2 | 0.3 | 0.2 | 0.0 | 0.0 | 49.6 |
| | Number in Catch | 884 | 7,072 | 19,827 | 0 | 33,971 | 253 | 378 | 253 | 0 | 0 | 62,638 |
| Total | Percent of Sample | 0.7 | 13.8 | 25.4 | 0.0 | 58.9 | 0.2 | 0.5 | 0.5 | 0.0 | 0.0 | 100.0 |
| | Number in Catch | 884 | 17,428 | 32,077 | 0 | 74,384 | 253 | 631 | 631 | 0 | 0 | 126,288 |
| | Standard Error | 428 | 1,769 | 2,233 | 0 | 2,524 | 229 | 362 | 362 | 0 | 0 | |
| Stratum Dates: | 7/03-9/16 | | | | | | | | | | | |
| Sample Dates: | 7/03-7/05 | | | | | | | | | | | |
| Sample Size: | 610 | | | | | | | | | | | |
| Female | Percent of Sample | 0.4 | 4.5 | 20.7 | 0.0 | 24.3 | 0.0 | 0.8 | 0.3 | 0.0 | 0.0 | 51.0 |
| | Number in Catch | 592 | 6,657 | 30,620 | 0 | 35,946 | 0 | 1,183 | 444 | 0 | 0 | 75,442 |
| Male | Percent of Sample | 1.4 | 3.0 | 18.5 | 0.0 | 25.9 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 49.0 |
| | Number in Catch | 2,071 | 4,437 | 27,366 | 0 | 38,312 | 0 | 0 | 296 | 0 | 0 | 72,482 |
| Total | Percent of Sample | 1.8 | 7.5 | 39.2 | 0.0 | 50.2 | 0.0 | 0.8 | 0.5 | 0.0 | 0.0 | 100.0 |
| | Number in Catch | 2,663 | 11,094 | 57,986 | 0 | 74,258 | 0 | 1,183 | 740 | 0 | 0 | 147,924 |
| | Standard Error | 797 | 1,579 | 2,926 | 0 | 2,997 | 0 | 534 | 423 | 0 | 0 | |
| Strata Combined: | 5/11-9/16 | | | | | | | | | | | |
| Sample Dates: | 5/12-7/05 | | | | | | | | | | | |
| Sample Size: | 4,907 | | | | | | | | | | | |
| Female | Percent of Sample | 0.1 | 6.2 | 7.9 | 0.0 | 27.5 | 0.2 | 0.2 | 7.5 | 0.0 | 0.0 | 49.8 |
| | Number in Catch | 1,031 | 48,652 | 61,694 | 63 | 215,097 | 1,241 | 1,724 | 58,824 | 0 | 244 | 388,570 |
| Male | Percent of Sample | 0.6 | 5.2 | 10.4 | 0.0 | 27.8 | 0.3 | 0.1 | 5.8 | 0.0 | 0.0 | 50.2 |
| | Number in Catch | 4,934 | 40,648 | 81,590 | 0 | 216,686 | 2,099 | 665 | 45,464 | 152 | 0 | 392,238 |
| Total | Percent of Sample | 0.8 | 11.4 | 18.4 | 0.0 | 55.3 | 0.4 | 0.3 | 13.4 | 0.0 | 0.0 | 100.0 |
| | Number in Catch | 5,965 | 89,300 | 143,284 | 63 | 431,783 | 3,340 | 2,389 | 104,288 | 152 | 244 | 780,808 |
| | Standard Error | 1,106 | 3,852 | 4,648 | 75 | 6,052 | 744 | 717 | 3,582 | 139 | 223 | |

Appendix A.12. Temporally stratified age and sex composition of the sockeye salmon in the commercial catches from the Bering River District, 1986.

| | | Brood Year and Age Group | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | 1982 | | 1981 | | 1980 | | |
| | | 0.2 | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | Total |
| Stratum Dates: | 6/15-6/21 | | | | | | | | |
| Sample Dates: | 6/18 | | | | | | | | |
| Sample Size: | 630 | | | | | | | | |
| Female | Percent of Sample | 0.0 | 19.0 | 7.8 | 19.0 | 0.2 | 0.0 | 0.0 | 46.0 |
| | Number in Catch | 0 | 1,912 | 785 | 1,912 | 20 | 0 | 0 | 4,629 |
| Male | Percent of Sample | 0.6 | 18.6 | 15.4 | 19.0 | 0.0 | 0.2 | 0.2 | 54.0 |
| | Number in Catch | 60 | 1,871 | 1,549 | 1,912 | 0 | 20 | 20 | 5,432 |
| Total | Percent of Sample | 0.6 | 37.6 | 23.2 | 38.0 | 0.2 | 0.2 | 0.2 | 100.0 |
| | Number in Catch | 60 | 3,783 | 2,334 | 3,824 | 20 | 20 | 20 | 10,061 |
| | Standard Error | 31 | 194 | 169 | 195 | 18 | 18 | 18 | |
| Stratum Dates: | 6/22-9/16 | | | | | | | | |
| Sample Dates: | 6/24 | | | | | | | | |
| Sample Size: | 546 | | | | | | | | |
| Female | Percent of Sample | 0.0 | 19.2 | 9.9 | 26.4 | 0.0 | 0.0 | 0.0 | 55.5 |
| | Number in Catch | 0 | 1,723 | 889 | 2,370 | 0 | 0 | 0 | 4,982 |
| Male | Percent of Sample | 0.5 | 14.3 | 12.5 | 17.0 | 0.0 | 0.2 | 0.0 | 44.5 |
| | Number in Catch | 45 | 1,284 | 1,122 | 1,526 | 0 | 18 | 0 | 3,995 |
| Total | Percent of Sample | 0.5 | 33.5 | 22.4 | 43.4 | 0.0 | 0.2 | 0.0 | 100.0 |
| | Number in Catch | 45 | 3,007 | 2,011 | 3,896 | 0 | 18 | 0 | 8,977 |
| | Standard Error | 27 | 181 | 160 | 191 | 0 | 17 | 0 | |
| Strata Combined | 6/15-9/16 | | | | | | | | |
| Sample Dates: | 6/18-9/10 | | | | | | | | |
| Sample Size: | 1,176 | | | | | | | | |
| Female | Percent of Sample | 0.0 | 19.1 | 8.8 | 22.5 | 0.1 | 0.0 | 0.0 | 50.5 |
| | Number in Catch | 0 | 3,635 | 1,674 | 4,282 | 20 | 0 | 0 | 9,611 |
| Male | Percent of Sample | 0.6 | 16.6 | 14.0 | 18.1 | 0.0 | 0.2 | 0.1 | 49.5 |
| | Number in Catch | 105 | 3,155 | 2,671 | 3,438 | 0 | 38 | 20 | 9,427 |
| Total | Percent of Sample | 0.6 | 35.7 | 22.8 | 40.5 | 0.1 | 0.2 | 0.1 | 100.0 |
| | Number in Catch | 105 | 6,790 | 4,345 | 7,720 | 20 | 38 | 20 | 19,038 |
| | Standard Error | 41 | 266 | 233 | 272 | 18 | 25 | 18 | |

Appendix A.13. Temporally stratified age and sex composition of coho salmon in the commercial catch from the Copper River District, 1986.

| | | Brood Year and Age Group | | | | |
|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | 1981 | |
| | | 1.1 | 2.0 | 2.1 | 3.1 | Total |
| Stratum Dates: | 5/11-8/14 | | | | | |
| Sample Dates: | 5/12 | | | | | |
| Sample Size: | 486 | | | | | |
| Female | Percent of Sample | 8.7 | 0.0 | 29.4 | 0.6 | 38.7 |
| | Number in Catch | 6,328 | 0 | 21,385 | 436 | 28,149 |
| Male | Percent of Sample | 15.2 | 0.0 | 44.9 | 1.2 | 61.3 |
| | Number in Catch | 11,056 | 0 | 32,658 | 873 | 44,587 |
| Total | Percent of Sample | 23.9 | 0.0 | 74.3 | 1.8 | 100.0 |
| | Number in Catch | 17,384 | 0 | 54,043 | 1,309 | 72,736 |
| | Standard Error | 1,409 | 0 | 1,443 | 439 | |
| Stratum Dates: | 8/18-8/21 | | | | | |
| Sample Dates: | 8/19 | | | | | |
| Sample Size: | 403 | | | | | |
| Female | Percent of Sample | 7.2 | 0.0 | 38.6 | 1.0 | 46.8 |
| | Number in Catch | 9,166 | 0 | 49,141 | 1,273 | 59,580 |
| Male | Percent of Sample | 8.9 | 0.0 | 43.3 | 1.0 | 53.2 |
| | Number in Catch | 11,330 | 0 | 55,123 | 1,273 | 67,726 |
| Total | Percent of Sample | 16.1 | 0.0 | 81.9 | 2.0 | 100.0 |
| | Number in Catch | 20,496 | 0 | 104,264 | 2,546 | 127,306 |
| | Standard Error | 2,334 | 0 | 2,445 | 889 | |
| Stratum Dates: | 9/01-9/16 | | | | | |
| Sample Dates: | 9/02 | | | | | |
| Sample Size: | 421 | | | | | |
| Female | Percent of Sample | 9.3 | 0.0 | 49.2 | 3.3 | 61.8 |
| | Number in Catch | 8,922 | 0 | 47,201 | 3,166 | 59,289 |
| Male | Percent of Sample | 7.8 | 0.2 | 29.0 | 1.2 | 38.2 |
| | Number in Catch | 7,483 | 192 | 27,823 | 1,151 | 36,649 |
| Total | Percent of Sample | 17.1 | 0.2 | 78.2 | 4.5 | 100.0 |
| | Number in Catch | 16,405 | 192 | 75,024 | 4,317 | 95,938 |
| | Standard Error | 1,763 | 209 | 1,933 | 970 | |
| Combined Strata: | 5/11-9/16 | | | | | |
| Sample Dates: | 5/12-9/02 | | | | | |
| Sample Size: | 1,310 | | | | | |
| Female | Percent of Sample | 8.2 | 0.0 | 39.8 | 1.6 | 49.7 |
| | Number in Catch | 24,416 | 0 | 117,727 | 4,875 | 147,018 |
| Male | Percent of Sample | 10.1 | 0.1 | 39.1 | 1.1 | 50.3 |
| | Number in Catch | 29,869 | 192 | 115,604 | 3,297 | 148,962 |
| Total | Percent of Sample | 18.3 | 0.1 | 78.8 | 2.8 | 100.0 |
| | Number in Catch | 54,285 | 192 | 233,331 | 8,172 | 295,980 |
| | Standard Error | 3,246 | 209 | 3,434 | 1,387 | |

Appendix A.14. Temporally stratified age and sex composition of coho salmon in the commercial catch from the Bering River District, 1986.

| | | Brood Year and Age Group 1983 1.1 | 1982 2.1 | 1981 3.1 | Total |
|---|---|---|---|---|---|
| Stratum Dates: | 8/10-8/16 | | | | |
| Sample Dates: | 8/14 | | | | |
| Sample Size: | 364 | | | | |
| Female | Percent of Sample | 3.0 | 29.9 | 4.9 | 37.8 |
| | Number in Catch | 1,989 | 19,825 | 3,249 | 25,063 |
| Male | Percent of Sample | 8.3 | 49.5 | 4.4 | 62.2 |
| | Number in Catch | 5,503 | 32,822 | 2,917 | 41,242 |
| Total | Percent of Sample | 11.3 | 79.4 | 9.3 | 100.0 |
| | Number in Catch | 7,492 | 52,647 | 6,166 | 66,305 |
| | Standard Error | 1,102 | 1,407 | 1,011 | |
| Stratum Dates: | 8/24-8/30 | | | | |
| Sample Dates: | 8/28 | | | | |
| Sample Size: | 359 | | | | |
| Female | Percent of Sample | 11.4 | 47.6 | 8.1 | 67.1 |
| | Number in Catch | 5,643 | 23,564 | 4,010 | 33,217 |
| Male | Percent of Sample | 4.5 | 24.8 | 3.6 | 32.9 |
| | Number in Catch | 2,228 | 12,277 | 1,782 | 16,287 |
| Total | Percent of Sample | 15.9 | 72.4 | 11.7 | 100.0 |
| | Number in Catch | 7,871 | 35,841 | 5,792 | 49,504 |
| | Standard Error | 957 | 1,170 | 841 | |
| Stratum Combined: | 9/07-9/13 | | | | |
| Sample Dates: | 9/10 | | | | |
| Sample Size: | 723 | | | | |
| Female | Percent of Sample | 6.6 | 37.5 | 6.2 | 50.3 |
| | Number in Catch | 7,632 | 43,389 | 7,259 | 58,280 |
| Male | Percent of Sample | 6.7 | 38.9 | 4.1 | 49.7 |
| | Number in Catch | 7,731 | 45,099 | 4,699 | 57,529 |
| Total | Percent of Sample | 13.3 | 76.4 | 10.3 | 100.0 |
| | Number in Catch | 15,363 | 88,488 | 11,958 | 115,809 |
| | Standard Error | 1,459 | 1,830 | 1,315 | |

# APPENDIX B

## Catches from Upper Copper River subsistence and personal use fisheries

Appendix B.1. Daily catches of sockeye, chinook, and coho salmon in the subsistence and personal use fisheries on the upper Copper River, 1986.[a]

| | Personal Use Catch | | | | | | Subsistence Catch | | | | | | Combined Catches | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sockeye | | Chinook | | Coho | | Sockeye | | Chinook | | Coho | | Sockeye | | Chinook | | Coho | |
| Date | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. |
| 6/ 1 | 15 | 15 | 0 | 0 | 0 | 0 | 180 | 180 | 0 | 0 | 0 | 0 | 195 | 195 | 0 | 0 | 0 | 0 |
| 6/ 2 | 32 | 47 | 4 | 4 | 0 | 0 | 85 | 265 | 2 | 2 | 0 | 0 | 117 | 312 | 6 | 6 | 0 | 0 |
| 6/ 3 | 39 | 86 | 1 | 5 | 0 | 0 | 29 | 294 | 1 | 3 | 0 | 0 | 68 | 380 | 2 | 8 | 0 | 0 |
| 6/ 4 | 34 | 120 | 1 | 6 | 0 | 0 | 88 | 382 | 5 | 8 | 0 | 0 | 122 | 502 | 6 | 14 | 0 | 0 |
| 6/ 5 | 0 | 120 | 0 | 6 | 0 | 0 | 55 | 437 | 3 | 11 | 0 | 0 | 55 | 557 | 3 | 17 | 0 | 0 |
| 6/ 6 | 1,104 | 1,224 | 39 | 45 | 0 | 0 | 156 | 593 | 11 | 22 | 0 | 0 | 1,260 | 1,817 | 50 | 67 | 0 | 0 |
| 6/ 7 | 3,807 | 5,031 | 179 | 224 | 0 | 0 | 273 | 866 | 7 | 29 | 0 | 0 | 4,080 | 5,897 | 186 | 253 | 0 | 0 |
| 6/ 8 | 1,818 | 6,849 | 81 | 305 | 0 | 0 | 123 | 989 | 1 | 30 | 0 | 0 | 1,941 | 7,838 | 82 | 335 | 0 | 0 |
| 6/ 9 | 94 | 6,943 | 2 | 307 | 0 | 0 | 220 | 1,209 | 4 | 34 | 0 | 0 | 314 | 8,152 | 6 | 341 | 0 | 0 |
| 6/10 | 15 | 6,958 | 0 | 307 | 0 | 0 | 205 | 1,414 | 17 | 51 | 0 | 0 | 220 | 8,372 | 17 | 358 | 0 | 0 |
| 6/11 | 56 | 7,014 | 2 | 309 | 0 | 0 | 342 | 1,756 | 17 | 68 | 0 | 0 | 398 | 8,770 | 19 | 377 | 0 | 0 |
| 6/12 | 164 | 7,178 | 6 | 315 | 0 | 0 | 356 | 2,112 | 6 | 74 | 0 | 0 | 520 | 9,290 | 12 | 389 | 0 | 0 |
| 6/13 | 2,278 | 9,456 | 172 | 487 | 0 | 0 | 312 | 2,424 | 8 | 82 | 0 | 0 | 2,590 | 11,880 | 180 | 569 | 0 | 0 |
| 6/14 | 7,173 | 16,629 | 333 | 820 | 0 | 0 | 760 | 3,184 | 27 | 109 | 0 | 0 | 7,933 | 19,813 | 360 | 929 | 0 | 0 |
| 6/15 | 2,972 | 19,601 | 182 | 1,002 | 1 | 1 | 1,125 | 4,309 | 16 | 125 | 0 | 0 | 4,097 | 23,910 | 198 | 1,127 | 1 | 1 |
| 6/16 | 147 | 19,748 | 10 | 1,012 | 0 | 1 | 865 | 5,174 | 10 | 135 | 0 | 0 | 1,012 | 24,922 | 20 | 1,147 | 0 | 1 |
| 6/17 | 0 | 19,748 | 0 | 1,012 | 0 | 1 | 665 | 5,839 | 25 | 160 | 0 | 0 | 665 | 25,587 | 25 | 1,172 | 0 | 1 |
| 6/18 | 18 | 19,766 | 2 | 1,014 | 0 | 1 | 262 | 6,101 | 5 | 165 | 0 | 0 | 280 | 25,867 | 7 | 1,179 | 0 | 1 |
| 6/19 | 34 | 19,800 | 1 | 1,015 | 0 | 1 | 492 | 6,593 | 8 | 173 | 0 | 0 | 526 | 26,393 | 9 | 1,188 | 0 | 1 |
| 6/20 | 980 | 20,780 | 96 | 1,111 | 0 | 1 | 1,311 | 7,904 | 45 | 218 | 0 | 0 | 2,291 | 28,684 | 141 | 1,329 | 0 | 1 |
| 6/21 | 2,099 | 22,879 | 188 | 1,299 | 0 | 1 | 364 | 8,268 | 14 | 232 | 4 | 4 | 2,463 | 31,147 | 202 | 1,531 | 4 | 5 |
| 6/22 | 1,974 | 24,853 | 165 | 1,464 | 0 | 1 | 438 | 8,706 | 12 | 244 | 0 | 4 | 2,412 | 33,559 | 177 | 1,708 | 0 | 5 |
| 6/23 | 27 | 24,880 | 1 | 1,465 | 0 | 1 | 582 | 9,288 | 15 | 259 | 0 | 4 | 609 | 34,168 | 16 | 1,724 | 0 | 5 |
| 6/24 | 3 | 24,883 | 0 | 1,465 | 0 | 1 | 604 | 9,892 | 21 | 280 | 0 | 4 | 607 | 34,775 | 21 | 1,745 | 0 | 5 |
| 6/25 | 450 | 25,333 | 13 | 1,478 | 0 | 1 | 344 | 10,236 | 19 | 299 | 0 | 4 | 794 | 35,569 | 32 | 1,777 | 0 | 5 |
| 6/26 | 988 | 26,321 | 36 | 1,514 | 0 | 1 | 598 | 10,834 | 21 | 320 | 0 | 4 | 1,586 | 37,155 | 57 | 1,834 | 0 | 5 |
| 6/27 | 1,477 | 27,798 | 57 | 1,571 | 0 | 1 | 425 | 11,259 | 15 | 335 | 0 | 4 | 1,902 | 39,057 | 72 | 1,906 | 0 | 5 |
| 6/28 | 1,737 | 29,535 | 116 | 1,687 | 0 | 1 | 466 | 11,725 | 3 | 338 | 0 | 4 | 2,203 | 41,260 | 119 | 2,025 | 0 | 5 |
| 6/29 | 930 | 30,465 | 62 | 1,749 | 0 | 1 | 284 | 12,009 | 6 | 344 | 0 | 4 | 1,214 | 42,474 | 68 | 2,093 | 0 | 5 |
| 6/30 | 23 | 30,488 | 2 | 1,751 | 0 | 1 | 953 | 12,962 | 27 | 371 | 0 | 4 | 976 | 43,450 | 29 | 2,122 | 0 | 5 |

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Appendix B.1. (page 2 of 4)

| | Personal Use Catch | | | | | | Subsistence Catch | | | | | | Combined Catches | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sockeye | | Chinook | | Coho | | Sockeye | | Chinook | | Coho | | Sockeye | | Chinook | | Coho | |
| Date | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. |
| 7/ 1 | 72 | 30,560 | 2 | 1,753 | 0 | 1 | 181 | 13,143 | 11 | 382 | 0 | 4 | 253 | 43,703 | 13 | 2,135 | 0 | 5 |
| 7/ 2 | 119 | 30,679 | 6 | 1,759 | 0 | 1 | 398 | 13,541 | 6 | 388 | 0 | 4 | 517 | 44,220 | 12 | 2,147 | 0 | 5 |
| 7/ 3 | 195 | 30,874 | 18 | 1,777 | 0 | 1 | 451 | 13,992 | 4 | 392 | 8 | 12 | 646 | 44,866 | 22 | 2,169 | 8 | 13 |
| 7/ 4 | 665 | 31,539 | 50 | 1,827 | 0 | 1 | 304 | 14,296 | 8 | 400 | 0 | 12 | 969 | 45,835 | 58 | 2,227 | 0 | 13 |
| 7/ 5 | 498 | 32,037 | 55 | 1,882 | 1 | 2 | 281 | 14,577 | 2 | 402 | 0 | 12 | 779 | 46,614 | 57 | 2,284 | 1 | 14 |
| 7/ 6 | 146 | 32,183 | 20 | 1,902 | 0 | 2 | 159 | 14,736 | 1 | 403 | 0 | 12 | 305 | 46,919 | 21 | 2,305 | 0 | 14 |
| 7/ 7 | 79 | 32,262 | 7 | 1,909 | 2 | 4 | 382 | 15,118 | 6 | 409 | 0 | 12 | 461 | 47,380 | 13 | 2,318 | 2 | 16 |
| 7/ 8 | 74 | 32,336 | 6 | 1,915 | 0 | 4 | 431 | 15,549 | 18 | 427 | 0 | 12 | 505 | 47,885 | 24 | 2,342 | 0 | 16 |
| 7/ 9 | 193 | 32,529 | 9 | 1,924 | 0 | 4 | 383 | 15,932 | 13 | 440 | 0 | 12 | 576 | 48,461 | 22 | 2,364 | 0 | 16 |
| 7/10 | 188 | 32,717 | 11 | 1,935 | 0 | 4 | 382 | 16,314 | 7 | 447 | 0 | 12 | 570 | 49,031 | 18 | 2,382 | 0 | 16 |
| 7/11 | 425 | 33,142 | 42 | 1,977 | 0 | 4 | 175 | 16,489 | 2 | 449 | 0 | 12 | 600 | 49,631 | 44 | 2,426 | 0 | 16 |
| 7/12 | 1,140 | 34,282 | 90 | 2,067 | 0 | 4 | 205 | 16,694 | 5 | 454 | 0 | 12 | 1,345 | 50,976 | 95 | 2,521 | 0 | 16 |
| 7/13 | 543 | 34,825 | 45 | 2,112 | 0 | 4 | 294 | 16,988 | 7 | 461 | 0 | 12 | 837 | 51,813 | 52 | 2,573 | 0 | 16 |
| 7/14 | 256 | 35,081 | 10 | 2,122 | 0 | 4 | 422 | 17,410 | 4 | 465 | 0 | 12 | 678 | 52,491 | 14 | 2,587 | 0 | 16 |
| 7/15 | 292 | 35,373 | 31 | 2,153 | 0 | 4 | 1,315 | 18,725 | 20 | 485 | 0 | 12 | 1,607 | 54,098 | 51 | 2,638 | 0 | 16 |
| 7/16 | 298 | 35,671 | 14 | 2,167 | 0 | 4 | 92 | 18,817 | 1 | 486 | 0 | 12 | 390 | 54,488 | 15 | 2,653 | 0 | 16 |
| 7/17 | 393 | 36,064 | 7 | 2,174 | 0 | 4 | 507 | 19,324 | 8 | 494 | 0 | 12 | 900 | 55,388 | 15 | 2,668 | 0 | 16 |
| 7/18 | 293 | 36,357 | 13 | 2,187 | 0 | 4 | 208 | 19,532 | 14 | 508 | 0 | 12 | 501 | 55,889 | 27 | 2,695 | 0 | 16 |
| 7/19 | 202 | 36,559 | 5 | 2,192 | 0 | 4 | 229 | 19,761 | 0 | 508 | 0 | 12 | 431 | 56,320 | 5 | 2,700 | 0 | 16 |
| 7/20 | 108 | 36,667 | 9 | 2,201 | 0 | 4 | 354 | 20,115 | 3 | 511 | 0 | 12 | 462 | 56,782 | 12 | 2,712 | 0 | 16 |
| 7/21 | 110 | 36,777 | 4 | 2,205 | 0 | 4 | 241 | 20,356 | 11 | 522 | 0 | 12 | 351 | 57,133 | 15 | 2,727 | 0 | 16 |
| 7/22 | 6 | 36,783 | 0 | 2,205 | 0 | 4 | 102 | 20,458 | 2 | 524 | 0 | 12 | 108 | 57,241 | 2 | 2,729 | 0 | 16 |
| 7/23 | 108 | 36,891 | 5 | 2,210 | 0 | 4 | 90 | 20,548 | 1 | 525 | 0 | 12 | 198 | 57,439 | 6 | 2,735 | 0 | 16 |
| 7/24 | 23 | 36,914 | 1 | 2,211 | 0 | 4 | 169 | 20,717 | 10 | 535 | 0 | 12 | 192 | 57,631 | 11 | 2,746 | 0 | 16 |
| 7/25 | 55 | 36,969 | 1 | 2,212 | 0 | 4 | 108 | 20,825 | 1 | 536 | 0 | 12 | 163 | 57,794 | 2 | 2,748 | 0 | 16 |
| 7/26 | 167 | 37,136 | 12 | 2,224 | 0 | 4 | 129 | 20,954 | 3 | 539 | 0 | 12 | 296 | 58,090 | 15 | 2,763 | 0 | 16 |
| 7/27 | 130 | 37,266 | 5 | 2,229 | 0 | 4 | 397 | 21,351 | 9 | 548 | 0 | 12 | 527 | 58,617 | 14 | 2,777 | 0 | 16 |
| 7/28 | 156 | 37,422 | 7 | 2,236 | 0 | 4 | 86 | 21,437 | 3 | 551 | 0 | 12 | 242 | 58,859 | 10 | 2,787 | 0 | 16 |
| 7/29 | 208 | 37,630 | 3 | 2,239 | 0 | 4 | 146 | 21,583 | 0 | 551 | 0 | 12 | 354 | 59,213 | 3 | 2,790 | 0 | 16 |
| 7/30 | 59 | 37,689 | 3 | 2,242 | 0 | 4 | 81 | 21,664 | 0 | 551 | 0 | 12 | 140 | 59,353 | 3 | 2,793 | 0 | 16 |
| 7/31 | 121 | 37,810 | 5 | 2,247 | 0 | 4 | 148 | 21,812 | 2 | 553 | 0 | 12 | 269 | 59,622 | 7 | 2,800 | 0 | 16 |

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Appendix B.1. (page 3 of 4)

| | Personal Use Catch | | | | | | Subsistence Catch | | | | | | Combined Catches | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sockeye | | Chinook | | Coho | | Sockeye | | Chinook | | Coho | | Sockeye | | Chinook | | Coho | |
| Date | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. |
| 8/ 1 | 142 | 37,952 | 2 | 2,249 | 6 | 10 | 174 | 21,986 | 1 | 554 | 0 | 12 | 316 | 59,938 | 3 | 2,803 | 6 | 22 |
| 8/ 2 | 274 | 38,226 | 3 | 2,252 | 2 | 12 | 140 | 22,126 | 4 | 558 | 0 | 12 | 414 | 60,352 | 7 | 2,810 | 2 | 24 |
| 8/ 3 | 151 | 38,377 | 4 | 2,256 | 0 | 12 | 83 | 22,209 | 0 | 558 | 0 | 12 | 234 | 60,586 | 4 | 2,814 | 0 | 24 |
| 8/ 4 | 60 | 38,437 | 0 | 2,256 | 0 | 12 | 118 | 22,327 | 2 | 560 | 0 | 12 | 178 | 60,764 | 2 | 2,816 | 0 | 24 |
| 8/ 5 | 122 | 38,559 | 1 | 2,257 | 0 | 12 | 307 | 22,634 | 1 | 561 | 0 | 12 | 429 | 61,193 | 2 | 2,818 | 0 | 24 |
| 8/ 6 | 90 | 38,649 | 0 | 2,257 | 0 | 12 | 26 | 22,660 | 0 | 561 | 0 | 12 | 116 | 61,309 | 0 | 2,818 | 0 | 24 |
| 8/ 7 | 37 | 38,686 | 0 | 2,257 | 0 | 12 | 10 | 22,670 | 0 | 561 | 0 | 12 | 47 | 61,356 | 0 | 2,818 | 0 | 24 |
| 8/ 8 | 107 | 38,793 | 3 | 2,260 | 0 | 12 | 92 | 22,762 | 1 | 562 | 0 | 12 | 199 | 61,555 | 4 | 2,822 | 0 | 24 |
| 8/ 9 | 99 | 38,892 | 1 | 2,261 | 0 | 12 | 90 | 22,852 | 1 | 563 | 0 | 12 | 189 | 61,744 | 2 | 2,824 | 0 | 24 |
| 8/10 | 56 | 38,948 | 1 | 2,262 | 0 | 12 | 270 | 23,122 | 15 | 578 | 65 | 77 | 326 | 62,070 | 16 | 2,840 | 65 | 89 |
| 8/11 | 15 | 38,963 | 0 | 2,262 | 0 | 12 | 67 | 23,189 | 1 | 579 | 0 | 77 | 82 | 62,152 | 1 | 2,841 | 0 | 89 |
| 8/12 | 27 | 38,990 | 0 | 2,262 | 26 | 38 | 110 | 23,299 | 0 | 579 | 0 | 77 | 137 | 62,289 | 0 | 2,841 | 26 | 115 |
| 8/13 | 0 | 38,990 | 0 | 2,262 | 0 | 38 | 103 | 23,402 | 0 | 579 | 0 | 77 | 103 | 62,392 | 0 | 2,841 | 0 | 115 |
| 8/14 | 74 | 39,064 | 1 | 2,263 | 13 | 51 | 226 | 23,628 | 2 | 581 | 0 | 77 | 300 | 62,692 | 3 | 2,844 | 13 | 128 |
| 8/15 | 73 | 39,137 | 4 | 2,267 | 17 | 68 | 94 | 23,722 | 1 | 582 | 0 | 77 | 167 | 62,859 | 5 | 2,849 | 17 | 145 |
| 8/16 | 101 | 39,238 | 0 | 2,267 | 8 | 76 | 65 | 23,787 | 5 | 587 | 1 | 78 | 166 | 63,025 | 5 | 2,854 | 9 | 154 |
| 8/17 | 78 | 39,316 | 2 | 2,269 | 1 | 77 | 40 | 23,827 | 6 | 593 | 0 | 78 | 118 | 63,143 | 8 | 2,862 | 1 | 155 |
| 8/18 | 19 | 39,335 | 0 | 2,269 | 1 | 78 | 42 | 23,869 | 0 | 593 | 0 | 78 | 61 | 63,204 | 0 | 2,862 | 1 | 156 |
| 8/19 | 0 | 39,335 | 0 | 2,269 | 0 | 78 | 8 | 23,877 | 2 | 595 | 6 | 84 | 8 | 63,212 | 2 | 2,864 | 6 | 162 |
| 8/20 | 60 | 39,395 | 0 | 2,269 | 4 | 82 | 114 | 23,991 | 4 | 599 | 0 | 84 | 174 | 63,386 | 4 | 2,868 | 4 | 166 |
| 8/21 | 24 | 39,419 | 0 | 2,269 | 15 | 97 | 18 | 24,009 | 0 | 599 | 24 | 108 | 42 | 63,428 | 0 | 2,868 | 39 | 205 |
| 8/22 | 43 | 39,462 | 1 | 2,270 | 36 | 133 | 142 | 24,151 | 3 | 602 | 14 | 122 | 185 | 63,613 | 4 | 2,872 | 50 | 255 |
| 8/23 | 44 | 39,506 | 2 | 2,272 | 39 | 172 | 39 | 24,190 | 0 | 602 | 10 | 132 | 83 | 63,696 | 2 | 2,874 | 49 | 304 |
| 8/24 | 27 | 39,533 | 0 | 2,272 | 32 | 204 | 39 | 24,229 | 11 | 613 | 0 | 132 | 66 | 63,762 | 11 | 2,885 | 32 | 336 |
| 8/25 | 1 | 39,534 | 0 | 2,272 | 0 | 204 | 187 | 24,416 | 0 | 613 | 0 | 132 | 188 | 63,950 | 0 | 2,885 | 0 | 336 |
| 8/26 | 41 | 39,575 | 0 | 2,272 | 0 | 204 | 72 | 24,488 | 0 | 613 | 7 | 139 | 113 | 64,063 | 0 | 2,885 | 7 | 343 |
| 8/27 | 5 | 39,580 | 1 | 2,273 | 0 | 204 | 7 | 24,495 | 0 | 613 | 8 | 147 | 12 | 64,075 | 1 | 2,886 | 8 | 351 |
| 8/28 | 6 | 39,586 | 4 | 2,277 | 3 | 207 | 0 | 24,495 | 0 | 613 | 0 | 147 | 6 | 64,081 | 4 | 2,890 | 3 | 354 |
| 8/29 | 33 | 39,619 | 0 | 2,277 | 51 | 258 | 63 | 24,558 | 0 | 613 | 0 | 147 | 96 | 64,177 | 0 | 2,890 | 51 | 405 |
| 8/30 | 66 | 39,685 | 0 | 2,277 | 57 | 315 | 14 | 24,572 | 1 | 614 | 5 | 152 | 80 | 64,257 | 1 | 2,891 | 62 | 467 |
| 8/31 | 23 | 39,708 | 0 | 2,277 | 34 | 349 | 6 | 24,578 | 0 | 614 | 5 | 157 | 29 | 64,286 | 0 | 2,891 | 39 | 506 |

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Appendix B.1. (page 4 of 4)

| | Personal Use Catch | | | | | | Subsistence Catch | | | | | | Combined Catches | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sockeye | | Chinook | | Coho | | Sockeye | | Chinook | | Coho | | Sockeye | | Chinook | | Coho | |
| Date | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. | Daily | Cumm. |
| 9/ 1 | 15 | 39,723 | 0 | 2,277 | 20 | 369 | 0 | 24,578 | 0 | 614 | 0 | 157 | 15 | 64,301 | 0 | 2,891 | 20 | 526 |
| 9/ 2 | 11 | 39,734 | 0 | 2,277 | 13 | 382 | 43 | 24,621 | 0 | 614 | 0 | 157 | 54 | 64,355 | 0 | 2,891 | 13 | 539 |
| 9/ 3 | 11 | 39,745 | 3 | 2,280 | 16 | 398 | 32 | 24,653 | 0 | 614 | 0 | 157 | 43 | 64,398 | 3 | 2,894 | 16 | 555 |
| 9/ 4 | 0 | 39,745 | 0 | 2,280 | 15 | 413 | 8 | 24,661 | 0 | 614 | 12 | 169 | 8 | 64,406 | 0 | 2,894 | 27 | 582 |
| 9/ 5 | 11 | 39,756 | 0 | 2,280 | 11 | 424 | 11 | 24,672 | 0 | 614 | 0 | 169 | 22 | 64,428 | 0 | 2,894 | 11 | 593 |
| 9/ 6 | 5 | 39,761 | 0 | 2,280 | 18 | 442 | 0 | 24,672 | 0 | 614 | 0 | 169 | 5 | 64,433 | 0 | 2,894 | 18 | 611 |
| 9/ 7 | 3 | 39,764 | 0 | 2,280 | 11 | 453 | 17 | 24,689 | 0 | 614 | 21 | 190 | 20 | 64,453 | 0 | 2,894 | 32 | 643 |
| 9/ 8 | 0 | 39,764 | 0 | 2,280 | 1 | 454 | 3 | 24,692 | 0 | 614 | 0 | 190 | 3 | 64,456 | 0 | 2,894 | 1 | 644 |
| 9/ 9 | 3 | 39,767 | 0 | 2,280 | 12 | 466 | 0 | 24,692 | 0 | 614 | 33 | 223 | 3 | 64,459 | 0 | 2,894 | 45 | 689 |
| 9/10 | 2 | 39,769 | 0 | 2,280 | 5 | 471 | 0 | 24,692 | 0 | 614 | 0 | 223 | 2 | 64,461 | 0 | 2,894 | 5 | 694 |
| 9/11 | 6 | 39,775 | 0 | 2,280 | 2 | 473 | 46 | 24,738 | 0 | 614 | 0 | 223 | 52 | 64,513 | 0 | 2,894 | 2 | 696 |
| 9/12 | 2 | 39,777 | 3 | 2,283 | 7 | 480 | 0 | 24,738 | 0 | 614 | 16 | 239 | 2 | 64,515 | 3 | 2,897 | 23 | 719 |
| 9/13 | 3 | 39,780 | 4 | 2,287 | 6 | 486 | 0 | 24,738 | 0 | 614 | 0 | 239 | 3 | 64,518 | 4 | 2,901 | 6 | 725 |
| 9/14 | 1 | 39,781 | 0 | 2,287 | 4 | 490 | 3 | 24,741 | 0 | 614 | 3 | 242 | 4 | 64,522 | 0 | 2,901 | 7 | 732 |
| 9/15 | 0 | 39,781 | 0 | 2,287 | 0 | 490 | 8 | 24,749 | 0 | 614 | 0 | 242 | 8 | 64,530 | 0 | 2,901 | 0 | 732 |
| 9/16 | 5 | 39,786 | 0 | 2,287 | 0 | 490 | 20 | 24,769 | 0 | 614 | 0 | 242 | 25 | 64,555 | 0 | 2,901 | 0 | 732 |
| 9/17 | 1 | 39,787 | 0 | 2,287 | 4 | 494 | 24 | 24,793 | 0 | 614 | 0 | 242 | 25 | 64,580 | 0 | 2,901 | 4 | 736 |
| 9/18 | 0 | 39,787 | 0 | 2,287 | 0 | 494 | 0 | 24,793 | 0 | 614 | 0 | 242 | 0 | 64,580 | 0 | 2,901 | 0 | 736 |
| 9/19 | 0 | 39,787 | 0 | 2,287 | 0 | 494 | 0 | 24,793 | 0 | 614 | 0 | 242 | 0 | 64,580 | 0 | 2,901 | 0 | 736 |
| 9/20 | 0 | 39,787 | 0 | 2,287 | 2 | 496 | 0 | 24,793 | 0 | 614 | 0 | 242 | 0 | 64,580 | 0 | 2,901 | 2 | 738 |
| 9/21 | 0 | 39,787 | 0 | 2,287 | 0 | 496 | 0 | 24,793 | 0 | 614 | 0 | 242 | 0 | 64,580 | 0 | 2,901 | 0 | 738 |
| 9/22 | 0 | 39,787 | 0 | 2,287 | 12 | 508 | 0 | 24,793 | 0 | 614 | 0 | 242 | 0 | 64,580 | 0 | 2,901 | 12 | 750 |
| 9/23 | 0 | 39,787 | 0 | 2,287 | 0 | 508 | 0 | 24,793 | 0 | 614 | 0 | 242 | 0 | 64,580 | 0 | 2,901 | 0 | 750 |
| 9/24 | 0 | 39,787 | 0 | 2,287 | 0 | 508 | 0 | 24,793 | 0 | 614 | 0 | 242 | 0 | 64,580 | 0 | 2,901 | 0 | 750 |
| 9/25 | 0 | 39,787 | 0 | 2,287 | 0 | 508 | 0 | 24,793 | 0 | 614 | 0 | 242 | 0 | 64,580 | 0 | 2,901 | 0 | 750 |
| 9/26 | 0 | 39,787 | 0 | 2,287 | 0 | 508 | 0 | 24,793 | 0 | 614 | 0 | 242 | 0 | 64,580 | 0 | 2,901 | 0 | 750 |
| 9/27 | 0 | 39,787 | 0 | 2,287 | 0 | 508 | 0 | 24,793 | 0 | 614 | 0 | 242 | 0 | 64,580 | 0 | 2,901 | 0 | 750 |
| 9/28 | 0 | 39,787 | 0 | 2,287 | 0 | 508 | 0 | 24,793 | 0 | 614 | 0 | 242 | 0 | 64,580 | 0 | 2,901 | 0 | 750 |
| 9/29 | 0 | 39,787 | 0 | 2,287 | 0 | 508 | 10 | 24,803 | 0 | 614 | 0 | 242 | 10 | 64,590 | 0 | 2,901 | 0 | 750 |
| 9/30 | 2 | 39,789 | 0 | 2,287 | 2 | 510 | 0 | 24,803 | 0 | 614 | 15 | 257 | 2 | 64,592 | 0 | 2,901 | 17 | 767 |
| Total | 39,789 | | 2,287 | | 510 | | 24,803 | | 614 | | 257 | | 64,592 | | 2,901 | | 767 | |

[a]Preliminary catch data from approximately 59% of the subsistence fishery permits which were issued and approximately 93% of the personal use fishery permits which were issued. This table does not include catches reported with erroneous or missing dates.

Appendix B.2. Temporally stratified age and sex composition of the sockeye salmon catches in the subsistence and personal use fisheries on the upper Copper River, 1986.[a]

| | | Brood Year and Age Group | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | 1981 | | 1980 | | |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | Total |
| Stratum Dates: | 6/01-6/10 | | | | | | | | | |
| Sample Dates: | 6/06-6/08 | | | | | | | | | |
| Sample Size: | 513 | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 0.0 | 7.0 | 3.5 | 24.8 | 0.6 | 0.0 | 13.5 | 49.4 |
| | Number in Catch | 0 | 0 | 586 | 293 | 2,076 | 50 | 0 | 1,130 | 4,135 |
| Male | Percent of Sample | 0.0 | 0.0 | 9.9 | 2.3 | 27.1 | 0.8 | 0.4 | 10.1 | 50.6 |
| | Number in Catch | 0 | 0 | 829 | 193 | 2,269 | 67 | 33 | 846 | 4,237 |
| Total | Percent of Sample | 0.0 | 0.0 | 16.9 | 5.8 | 51.9 | 1.4 | 0.4 | 23.6 | 100.0 |
| | Number in Catch | 0 | 0 | 1,415 | 486 | 4,345 | 117 | 33 | 1,976 | 8,372 |
| | Standard Error | 0 | 0 | 128 | 80 | 170 | 40 | 21 | 145 | |
| Stratum Dates: | 6/11-6/17 | | | | | | | | | |
| Sample Dates: | 6/13-6/15 | | | | | | | | | |
| Sample Size: | 538 | | | | | | | | | |
| Female | Percent of Sample | 0.2 | 0.0 | 4.1 | 11.4 | 25.4 | 1.1 | 0.2 | 11.4 | 53.8 |
| | Number in Catch | 34 | 0 | 706 | 1,963 | 4,373 | 189 | 34 | 1,963 | 9,262 |
| Male | Percent of Sample | 0.2 | 0.0 | 4.6 | 5.8 | 25.0 | 0.7 | 0.0 | 9.9 | 46.2 |
| | Number in Catch | 34 | 0 | 792 | 998 | 4,304 | 121 | 0 | 1,704 | 7,953 |
| Total | Percent of Sample | 0.4 | 0.0 | 8.7 | 17.2 | 50.4 | 1.8 | 0.2 | 21.3 | 100.0 |
| | Number in Catch | 69 | 0 | 1,498 | 2,961 | 8,676 | 310 | 34 | 3,667 | 17,215 |
| | Standard Error | 44 | 0 | 197 | 264 | 350 | 93 | 31 | 287 | |
| Stratum Dates: | 6/18-6/24 | | | | | | | | | |
| Sample Dates: | 6/20-6/22 | | | | | | | | | |
| Sample Size: | 526 | | | | | | | | | |
| Female | Percent of Sample | 0.2 | 0.0 | 2.7 | 9.3 | 27.0 | 0.4 | 0.0 | 5.3 | 44.9 |
| | Number in Catch | 18 | 0 | 248 | 854 | 2,481 | 37 | 0 | 487 | 4,125 |
| Male | Percent of Sample | 0.0 | 0.0 | 3.0 | 6.7 | 38.9 | 0.2 | 0.2 | 6.1 | 55.1 |
| | Number in Catch | 0 | 0 | 276 | 616 | 3,575 | 18 | 18 | 560 | 5,063 |
| Total | Percent of Sample | 0.2 | 0.0 | 5.7 | 16.0 | 65.9 | 0.6 | 0.2 | 11.4 | 100.0 |
| | Number in Catch | 18 | 0 | 524 | 1,470 | 6,056 | 55 | 18 | 1,047 | 9,188 |
| | Standard Error | 17 | 0 | 87 | 137 | 177 | 29 | 17 | 119 | |

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Appendix B.2. (page 2 of 3)

| | | Brood Year and Age Group | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | 1981 | | 1980 | | |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | Total |
| Stratum Dates: | 6/25-7/01 | | | | | | | | | |
| Sample Dates: | 6/27-6/29 | | | | | | | | | |
| Sample Size: | 553 | | | | | | | | | |
| Female | Percent of Sample | 0.2 | 0.0 | 1.3 | 16.1 | 41.5 | 0.9 | 0.0 | 5.4 | 65.4 |
| | Number in Catch | 18 | 0 | 116 | 1,437 | 3,706 | 80 | 0 | 482 | 5,839 |
| Male | Percent of Sample | 0.2 | 0.0 | 0.7 | 4.7 | 24.8 | 0.2 | 0.4 | 3.6 | 34.6 |
| | Number in Catch | 18 | 0 | 62 | 420 | 2,214 | 18 | 36 | 321 | 3,089 |
| Total | Percent of Sample | 0.4 | 0.0 | 2.0 | 20.8 | 66.3 | 1.1 | 0.4 | 9.0 | 100.0 |
| | Number in Catch | 36 | 0 | 178 | 1,857 | 5,920 | 98 | 36 | 803 | 8,928 |
| | Standard Error | 23 | 0 | 51 | 147 | 172 | 38 | 23 | 104 | |
| Stratum Dates: | 7/02-7/08 | | | | | | | | | |
| Sample Dates: | 7/04-7/06 | | | | | | | | | |
| Sample Size: | 333 | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 0.0 | 1.8 | 14.4 | 27.1 | 0.0 | 0.0 | 2.7 | 46.0 |
| | Number in Catch | 0 | 0 | 75 | 602 | 1,133 | 0 | 0 | 113 | 1,923 |
| Male | Percent of Sample | 0.0 | 0.0 | 3.3 | 8.1 | 39.9 | 0.3 | 0.0 | 2.4 | 54.0 |
| | Number in Catch | 0 | 0 | 138 | 339 | 1,669 | 13 | 0 | 100 | 2,259 |
| Total | Percent of Sample | 0.0 | 0.0 | 5.1 | 22.5 | 67.0 | 0.3 | 0.0 | 5.1 | 100.0 |
| | Number in Catch | 0 | 0 | 213 | 941 | 2,802 | 13 | 0 | 213 | 4,182 |
| | Standard Error | 0 | 0 | 37 | 71 | 80 | 9 | 0 | 37 | |
| Stratum Dates: | 7/09-9/30 | | | | | | | | | |
| Sample Dates: | 7/12-8/10 | | | | | | | | | |
| Sample Size: | 606 | | | | | | | | | |
| Female | Percent of Sample | 0.5 | 0.0 | 1.0 | 18.8 | 25.7 | 1.3 | 0.0 | 2.3 | 49.6 |
| | Number in Catch | 83 | 0 | 166 | 3,122 | 4,268 | 216 | 0 | 382 | 8,237 |
| Male | Percent of Sample | 0.3 | 0.5 | 1.0 | 8.4 | 36.2 | 0.2 | 0.0 | 3.8 | 50.4 |
| | Number in Catch | 50 | 83 | 166 | 1,395 | 6,012 | 33 | 0 | 631 | 8,370 |
| Total | Percent of Sample | 0.8 | 0.5 | 2.0 | 27.2 | 61.9 | 1.5 | 0.0 | 6.1 | 100.0 |
| | Number in Catch | 134 | 84 | 334 | 4,544 | 10,342 | 251 | 0 | 1,019 | 16,607 |
| | Standard Error | 60 | 48 | 95 | 300 | 328 | 82 | 0 | 162 | |

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Appendix B.2. (page 3 of 3)

| | | Brood Year and Age Group | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | 1981 | | 1980 | | |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | Total |
| Combined Strata | 6/01-9/30 | | | | | | | | | |
| Sample Dates: | 6/06-8/10 | | | | | | | | | |
| Sample Size: | 3,069 | | | | | | | | | |
| Female | Percent of Sample | 0.2 | 0.0 | 2.9 | 12.8 | 28.0 | 0.9 | 0.1 | 7.1 | 52.0 |
| | Number in Catch | 153 | 0 | 1,897 | 8,271 | 18,037 | 572 | 34 | 4,557 | 33,521 |
| Male | Percent of Sample | 0.2 | 0.1 | 3.5 | 6.1 | 31.1 | 0.4 | 0.1 | 6.5 | 48.0 |
| | Number in Catch | 102 | 83 | 2,263 | 3,961 | 20,043 | 270 | 87 | 4,162 | 30,971 |
| Total | Percent of Sample | 0.4 | 0.1 | 6.5 | 19.0 | 59.0 | 1.3 | 0.2 | 13.5 | 100.0 |
| | Number in Catch | 257 | 84 | 4,162 | 12,258 | 38,141 | 844 | 121 | 8,725 | 64,592 |
| | Standard Error | 80 | 48 | 275 | 460 | 571 | 139 | 47 | 394 | |

[a]Does not include catches reported on permits returned with no date of capture information.

# APPENDIX C

## Escapements to the Upper Copper River

Appendix C.1. Daily Copper River salmon escapement estimates at the Miles Lake sonar project, 1986.[a]

| Date | North Bank | South Bank | Total Daily | Cumulative Total |
|---|---|---|---|---|
| 5/16[b] | | | | |
| 5/17[b] | | | | |
| 5/18[b] | | | | |
| 5/19[b] | | | | |
| 5/20 | [d] | 0[c] | 0 | 0 |
| 5/21 | [d] | [d] | 0 | 0 |
| 5/22 | [d] | [d] | 0 | 0 |
| 5/23 | 19[c] | 36[c] | 55 | 55 |
| 5/24 | 131[c] | 60[c] | 191 | 246 |
| 5/25 | 77[d] | 534[e] | 611 | 857 |
| 5/26 | 271[f] | 1,423 | 1,694 | 2,551 |
| 5/27 | 264[f] | 1,828 | 2,092 | 4,643 |
| 5/28 | 300[f] | 3,084[f] | 3,384 | 8,027 |
| 5/29 | 345[d] | 2,393[f] | 2,738 | 10,764 |
| 5/30 | 264[f] | 2,909[c] | 3,173 | 13,937 |
| 5/31 | 341 | 3,809[f] | 4,150 | 18,087 |
| 6/01 | 826[h] | 6,175[f] | 7,001 | 25,088 |
| 6/02 | 807[h] | 19,831[g] | 20,638 | 45,726 |
| 6/03 | 1,418[h] | 18,819 | 20,237 | 65,963 |
| 6/04 | 2,648[h] | 23,978 | 26,626 | 92,589 |
| 6/05 | 2,021 | 25,913 | 27,934 | 120,523 |
| 6/06 | 1,241 | 13,286 | 14,527 | 135,050 |
| 6/07 | 752 | 8,906[i] | 9,658 | 144,708 |
| 6/08 | 2,094 | 22,844 | 24,938 | 169,646 |
| 6/09 | 1,372 | 26,870 | 28,242 | 197,888 |
| 6/10 | 1,483 | 28,469 | 29,952 | 227,840 |
| 6/11 | 1,848 | 23,570 | 25,418 | 253,258 |
| 6/12 | 919 | 15,584 | 16,503 | 269,761 |
| 6/13 | 1,592 | 9,861 | 11,453 | 281,214 |
| 6/14 | 2,117 | 9,276 | 11,393 | 292,607 |
| 6/15 | 2,121 | 6,626[f] | 8,747 | 301,354 |
| 6/16 | 968 | 9,131 | 10,099 | 311,453 |
| 6/17 | 652 | 8,120 | 8,772 | 320,225 |
| 6/18 | 1,069 | 7,981 | 9,050 | 329,275 |
| 6/19 | 466 | 7,444 | 7,910 | 337,185 |
| 6/20 | 494 | 6,746 | 7,240 | 344,425 |
| 6/21 | 567[j] | 6,174 | 6,741 | 351,166 |
| 6/22 | 640 | 8,386 | 9,026 | 360,192 |
| 6/23 | 428 | 7,582 | 8,010 | 368,202 |
| 6/24 | 301 | 6,667 | 6,968 | 375,170 |
| 6/25 | 248 | 5,483 | 5,731 | 380,901 |
| 6/26 | 192 | 5,218 | 5,410 | 386,311 |

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| Date | North Bank | South Bank | Total Daily | Cumulative Total |
|---|---|---|---|---|
| 6/27 | 291 | 4,862 | 5,153 | 391,464 |
| 6/28 | 200 | 4,822 | 5,022 | 396,486 |
| 6/29 | 131 | 3,447 | 3,578 | 400,064 |
| 6/30 | 208 | 3,563 | 3,771 | 403,835 |
| 7/01 | 125 | 3,459 | 3,584 | 407,419 |
| 7/02 | 243[f] | 2,909 | 3,152 | 410,571 |
| 7/03 | 141 | 2,170 | 2,311 | 412,882 |
| 7/04 | 236 | 1,569 | 1,805 | 414,687 |
| 7/05 | 228 | 1,271 | 1,499 | 416,186 |
| 7/06 | 261 | 2,547[f] | 2,808 | 418,994 |
| 7/07 | 172 | 2,819 | 2,991 | 421,985 |
| 7/08 | 264 | 2,596 | 2,860 | 424,845 |
| 7/09 | 218 | 2,859 | 3,077 | 427,922 |
| 7/10 | 489 | 4,946 | 5,435 | 433,357 |
| 7/11 | 324 | 4,791 | 5,115 | 438,472 |
| 7/12 | 137 | 4,905[f] | 5,042 | 443,514 |
| 7/13 | 267 | 3,429 | 3,696 | 447,210 |
| 7/14 | 288 | 3,242 | 3,530 | 450,740 |
| 7/15 | 264 | 4,435 | 4,699 | 455,439 |
| 7/16 | 138[f] | 2,089 | 2,227 | 457,666 |
| 7/17 | | 1,800[c] | 4,108[k] | 461,775 |
| 7/18 | Counter shut down early. | | 4,993 | 466,768 |
| 7/19 | | | 6,066 | 472,834 |
| 7/20 | | | 5,997 | 478,831 |
| 7/21 | | | 4,746 | 483,577 |
| 7/22 | | | 3,408 | 486,985 |
| 7/23 | | | 2,909 | 489,894 |
| 7/24 | | | 2,633 | 492,527 |
| 7/25 | | | 2,292 | 494,819 |
| 7/26 | | | 1,799 | 496,618 |
| 7/27 | | | 1,626 | 498,244 |
| 7/28 | | | 1,797 | 500,041 |
| 7/29 | | | 1,563 | 501,604 |
| 7/30 | | | 1,489 | 503,093 |
| 7/31 | | | 1,259 | 504,351 |
| 8/01 | | | 1,172 | 505,524 |
| 8/02 | | | 1,045 | 506,569 |
| 8/03 | | | 770 | 507,339 |
| 8/04 | | | 814 | 508,153 |
| 8/05 | | | 435 | 508,588 |
| 8/06 | | | 416 | 509,004 |
| 8/07 | | | 192 | 509,196 |
| 8/08 | | | 33 | 509,228 |

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| Date | North Bank | South Bank | Total Daily | Cumulative Total |
|---|---|---|---|---|
| 8/09 | | | 47 | 509,275 |
| 8/10 | | | 0 | 509,275 |
| Total | 35,920 | 423,546 | 509,275 | 509,275 |

[a]The escapement estimate is for all salmon species. Chinook salmon probably account for about 5% of the counts and coho probably much less than that according to Roberson, Alaska Department of Fish and Game, Glennallen, Alaska, personal communication.

[b]Sonar was operable from 5/16 to 5/20, however counts were incomplete due to excessive debris and low water.

[c]Interpolated from test fishing data.

[d]Missing daily count due to ice or debris problems. N.B. counts for 5/25 and 5/29 estimated by averaging percentage of N.B. to to S.B. (14.4%) for the three days in between.

[e]Artificial substrate deployed, used 5/25-6/06.

[f]Daily count heavily interpolated (over 4 hours).

[g]Switched from 1981 long range to 1985 adj. sector counter.

[h]Transducer switched to Erin rotator; counts are a combination of two transducer inputs.

[i]Transducer mounted on permanent substrate for rest of season.

[j]Switched from 1984 experimental to 1985 adj. sector counter.

[k]Rest of season counts from extrapolated anticipated daily counts.

Appendix C.2. Sockeye salmon escapement through the Long Lake weir, 1986.[a]

| Date | Escapement Daily | Escapement Cumulative | Date | Escapement Daily | Escapement Cumulative |
|---|---|---|---|---|---|
| 07/29 | 0 | 0 | 08/28 | 254 | 12,164 |
| 07/30 | 0 | 0 | 08/29 | 427 | 12,591 |
| 07/31 | 0 | 0 | 08/30 | 139 | 12,730 |
| 08/01 | 0 | 0 | 08/31 | 270 | 13,000 |
| 08/02 | 0 | 0 | 09/01 | 65 | 13,065 |
| 08/03 | 0 | 0 | 09/02 | 1,100 | 14,165 |
| 08/04 | 0 | 0 | 09/03 | 264 | 14,429 |
| 08/05 | 0 | 0 | 09/04 | 603 | 15,032 |
| 08/06 | 0 | 0 | 09/05 | 337 | 15,369 |
| 08/07 | 0 | 0 | 09/06 | 379 | 15,748 |
| 08/08 | 6 | 6 | 09/07 | 302 | 16,050 |
| 08/09 | 1 | 7 | 09/08 | 80 | 16,130 |
| 08/10 | 0 | 7 | 09/09 | 23 | 16,153 |
| 08/11 | 137 | 144 | 09/10 | 19 | 16,172 |
| 08/12 | 54 | 198 | 09/11 | 12 | 16,184 |
| 08/13 | 287 | 485 | 09/12 | 0 | 16,184 |
| 08/14 | 341 | 826 | 09/13 | 103 | 16,287 |
| 08/15 | 236 | 1,062 | 09/14 | 29 | 16,316 |
| 08/16 | 814 | 1,876 | 09/15 | 0 | 16,316 |
| 08/17 | 134 | 2,010 | 09/16 | 0 | 16,316 |
| 08/18 | 150 | 2,160 | 09/17 | 0 | 16,316 |
| 08/19 | 1,600 | 3,760 | 09/18 | 125 | 16,441 |
| 08/20 | 1,736 | 5,496 | 09/19 | 0 | 16,441 |
| 08/21 | 1,807 | 7,303 | 09/20 | 76 | 16,517 |
| 08/22 | 1,203 | 8,506 | 09/21 | 7 | 16,524 |
| 08/23 | 285 | 8,791 | 09/22 | 0 | 16,524 |
| 08/24 | 211 | 9,002 | 09/23 | 0 | 16,524 |
| 08/25 | 0 | 9,002 | 09/24 | 0 | 16,524 |
| 08/26 | 2,412 | 11,414 | 09/25 | 0 | 16,524 |
| 08/27 | 496 | 11,910 | Total | | 16,524 |

[a]Data collected by Cliff Collins and family of Long Lake, Alaska.

Appendix C.3. Aerial escapement indices by date and location for sockeye, chinook, and coho salmon returning to the upper Copper River drainage, 1986.

| Location | Survey Conditions | Date | Method | Sockeye | Chinook | Coho |
|---|---|---|---|---|---|---|
| Bremner River | | | | | | |
| Peninsula Lake | | Aug. 21 | A | 15 | 0 | |
| Little Bremner River | | N/S | | | | |
| Steamboat Lake | | Aug. 21 | A | 35 | 0 | |
| Eagle Creek | | N/S | | | | |
| Salmon Creek | | Aug. 21 | A | 300 | 0 | |
| Price Creek | | Aug. 21 | A | 0 | 0 | |
| Unnamed Creek #1 | | N/S | | | | |
| Unnamed Creek #2 | | N/S | | | | |
| Tasnuna River | | N/S | | | | |
| Whiting Falls Creek | | N/S | | | 0 | |
| Unnamed Tributary | | Aug. 21 | A | 15 | 0 | |
| Tiekel Lake | | N/S | | | 0 | |
| Swan Lakes | | | | | | |
| Lake #1 | | Aug. 21 | A | 0 | 0 | |
| Lake #2 | | Aug. 21 | A | 0 | 0 | |
| Lake #3 | | Aug. 21 | A | 0 | 0 | |
| Lake #4 | | Aug. 21 | A | 0 | 0 | |
| Tonsina River | * | | | | | |
| Lower Tonsina Creek | | Sept. 10 | A | 250 | 0 | |
| Little Tonsina River | | Jul. 30 | A | 0 | 424 | |
| Fourth of July Creek | | N/S | | | | |
| Tonsina Lake | | Oct. 22 | A | 350 | | |
| Bernard Creek | | Jul. 30 | A | 0 | 32 | |
| Greyling Creek | | Jul. 30 | A | 0 | 224 | |
| Dust Creek | | Jul. 30 | A | 0 | 28 | |
| Unnamed Creek | | N/S | | | | |

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| Location | Survey Conditions | Date | Method | Sockeye | Chinook | Coho |
|---|---|---|---|---|---|---|
| Klutina River | * | Sept. 10 | A | 700 | 0 | |
| Manker Creek | | Jul. 30 | A | 0 | 251 | |
| Mahlo Creek | | Jul. 30 | A | 1,750 | 0 | |
| Island Lake | | Aug. 21 | A | 1,900 | 0 | |
| 1884 Lake | | N/S | | | | |
| Hallet Slough Beach | * | Aug. 21 | A | 360 | 0 | |
| Curtis Creek | | N/S | | | | |
| St. Anne Creek | | Aug. 30 | A | 4,600 | 182 | |
| Klutina Inlet | | Sept. 10 | A | 10 | 0 | |
| Tazlina River | | | | | | |
| Upper Mendeltna Creek | | Jul. 2 | A | 100 | 0 | |
| Mendeltna Creek | | Aug. 21 | A | 3,325 | 76 | |
| Kiana Creek | | Jul. 30 | A | 75 | 328 | |
| Tazlina Lake | | N/S | | | | |
| Gulkana River | | | | | | |
| Mouth to West Fork | | Aug. 11 | A | 18 | 1,471 | |
| West Fork | | Jul. 21 | A | 100 | 30 | |
| Moose Creek | | N/S | | | | |
| Keg Creek | | Jul. 21 | A | 200 | 0 | |
| Victor Creek | | Jul. 21 | A | 1,405 | 0 | |
| West Fork to Middle Fork | | Jul. 28 | A | 1,214 | 1,197 | |
| Middle Fork | | Jul. 21 | A | 550 | 288 | |
| Dickey Lake | | Aug. 11 | A | 43 | 0 | |
| Swede Lake | | Aug. 11 | A | 385 | 0 | |
| Hungry Hollow Creek | | Jul. 21 | A | 4 | 69 | |
| East Fork | | | | | | |
| East Fork to Paxson Lake | | Aug. 11 | A | 1,810 | 117 | |
| Paxson Lake | | N/S | | | | |
| Paxson Lake Inlet | | Sept. 5 | A | 4,200 | 0 | |
| Inlet to Mud Creek | | Aug. 11 | A | 7,000 | 0 | |
| Mud Creek and Lake | | Aug. 11 | A | 70 | 0 | |
| Mud Creek to Summit Lake | | Aug. 11 | A | 3,375 | 0 | |
| Fish Lake | | Sept. 5 | A | 8,750 | 0 | |
| Summit Lake | | Aug. 11 | A | 7 | 0 | |
| Gunn Greek | | Sept. 24 | A | 1,975 | 0 | |
| Gunn Lake Creek | | Aug. 11 | A | 315 | 0 | |

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| Location | Survey Conditions | Date | Method | Sockeye | Chinook | Coho |
|---|---|---|---|---|---|---|
| Gakona River | | | | | | |
| Spring Creek | | N/S | | | | |
| Alder Creek | | Jul. 21 | A | 26 | 0 | |
| Drop Creek | | N/S | | | | |
| Tributary near Boulder Creek | | N/S | | | | |
| Sinona Creek | | N/S | | | | |
| Bear Creek | | N/S | | | | |
| Chistochina River | | | | | | |
| East Fork | | Jul. 21 | A | 0 | 618 | |
| Eagle Creek | | Jul. 21 | A | 40 | 21 | |
| Mankomen Lake | | N/S | | | | |
| Slana River | * | | | | | |
| Mentasta Lake | | Aug. 11 | A | 2,850 | 0 | |
| Fish Creek | | Jul. 21 | A | 1,100 | 0 | |
| Bad Crossing #1 | | Jul. 21 | A | 700 | 0 | |
| Bad Crossing #2 | | Jul. 21 | A | 4,600 | 0 | |
| Granite Creek | | N/S | | | | |
| Bone Creek | | N/S | | | | |
| Slana Sloughs | | N/S | | | | |
| Suslositna Lake (New) | | Sept. 5 | A | 10 | | |
| Suslota Lake | | Aug. 11 | A | 1,300 | 0 | |
| Smith Lake (New) | | Aug. 11 | A | 1 | | |
| Indian River | | N/S | | | | |
| Ahtell Creek | | N/S | | | | |
| Tanada Creek | | | | | | |
| Tanada Lake | | Sept. 5 | A | 3,960 | 0 | |
| Tanada Lake Outlet | | Sept. 5 | A | 4,300 | 0 | |

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| Location | Survey Conditions | Date | Method | Sockeye | Chinook | Coho |
|---|---|---|---|---|---|---|
| Copper Creek | | | | | | |
| Copper Lake | | Sept. 24 | A | 28 | 0 | |
| Tebay River | | N/S | | | | |
| Chokosna River | | N/S | | | | |
| Lakina River | | | | | | |
| Long Lake | | Aug. 21 | A | 1,300 | | |
| Nizina River | | | | | | |
| Spruce Point Creek | | N/S | | | | |
| Trumpeter Lake | | N/S | | | | |
| Lake Creek | | N/S | | | | |
| Clear Creek (Chitina River) | | N/S | | | | |
| Tana River | * | | | | | |
| Tana River Clear Channels | | Aug. 21 | A | 1,075 | 0 | |
| Tana Lake Inlet | * | Aug. 21 | A | 550 | 0 | |
| West Fork Channels | | Aug. 21 | A | 200 | 0 | |
| Chakina River | | | | | | |
| Monahan Creek | | N/S | | | | |
| Totals | | | | 67,246 | 5,356 | 0 |

Appendix C.4. Temporally stratified age and sex composition of the upper Copper River sockeye salmon escapement past the Miles Lake Sonar Project, 1986.[a]

| | | Brood Year and Age Group | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | 1981 | | 1980 | | |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | Total |
| Stratum Dates: | 5/16 - 5/28 | | | | | | | | | |
| Sample Dates: | 6/06 - 6/07[b] | | | | | | | | | |
| Sample Size: | 513 | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 0.0 | 7.0 | 3.5 | 24.8 | 0.6 | 0.0 | 13.5 | 49.4 |
| | Number in Escapement | 0 | 0 | 562 | 281 | 1,991 | 48 | 0 | 1,083 | 3,965 |
| Male | Percent of Sample | 0.0 | 0.0 | 9.9 | 2.3 | 27.1 | 0.8 | 0.4 | 10.1 | 50.6 |
| | Number in Escapement | 0 | 0 | 795 | 185 | 2,175 | 64 | 32 | 811 | 4,062 |
| Total | Percent of Sample | 0.0 | 0.0 | 16.9 | 5.8 | 51.9 | 1.4 | 0.4 | 23.6 | 100.0 |
| | Number in Escapement | 0 | 0 | 1,357 | 466 | 4,166 | 112 | 32 | 1,894 | 8,027 |
| | Standard Error | 0 | 0 | 133 | 83 | 177 | 42 | 22 | 151 | |
| Stratum Dates: | 5/29 - 6/04 | | | | | | | | | |
| Sample Dates: | 6/13[b] | | | | | | | | | |
| Sample Size: | 538 | | | | | | | | | |
| Female | Percent of Sample | 0.2 | 0.0 | 4.1 | 11.4 | 25.4 | 1.1 | 0.2 | 11.4 | 53.8 |
| | Number in Escapement | 169 | 0 | 3,467 | 9,640 | 21,478 | 930 | 169 | 9,640 | 45,493 |
| Male | Percent of Sample | 0.2 | 0.0 | 4.6 | 5.8 | 25.0 | 0.7 | 0.0 | 9.9 | 46.2 |
| | Number in Escapement | 169 | 0 | 3,890 | 4,905 | 21,141 | 592 | 0 | 8,372 | 39,069 |
| Total | Percent of Sample | 0.4 | 0.0 | 8.7 | 17.2 | 50.4 | 1.8 | 0.2 | 21.3 | 100.0 |
| | Number in Escapement | 338 | 0 | 7,357 | 14,545 | 42,619 | 1,522 | 169 | 18,012 | 84,562 |
| | Standard Error | 230 | 0 | 1,028 | 1,377 | 1,825 | 485 | 163 | 1,494 | |
| Stratum Dates: | 6/05 - 6/11 | | | | | | | | | |
| Sample Dates: | 6/20[b] | | | | | | | | | |
| Sample Size: | 526 | | | | | | | | | |
| Female | Percent of Sample | 0.2 | 0.0 | 2.7 | 9.3 | 27.0 | 0.4 | 0.0 | 5.3 | 44.9 |
| | Number in Escapement | 321 | 0 | 4,338 | 14,942 | 43,381 | 643 | 0 | 8,515 | 72,140 |
| Male | Percent of Sample | 0.0 | 0.0 | 3.0 | 6.7 | 38.9 | 0.2 | 0.2 | 6.1 | 55.1 |
| | Number in Escapement | 0 | 0 | 4,820 | 10,765 | 62,501 | 321 | 321 | 9,801 | 88,529 |
| Total | Percent of Sample | 0.2 | 0.0 | 5.7 | 16.0 | 65.9 | 0.6 | 0.2 | 11.4 | 100.0 |
| | Number in Escapement | 321 | 0 | 9,158 | 25,707 | 105,882 | 964 | 321 | 18,316 | 160,669 |
| | Standard Error | 313 | 0 | 1,626 | 2,571 | 3,324 | 542 | 313 | 2,229 | |

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| | | Brood Year and Age Group | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | 1981 | | 1980 | | |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | Total |
| Stratum Dates: | 6/12 - 6/17 | | | | | | | | | |
| Sample Dates: | 6/27 - 6/29 [b] | | | | | | | | | |
| Sample Size: | 553 | | | | | | | | | |
| Female | Percent of Sample | 0.2 | 0.0 | 1.3 | 16.1 | 41.5 | 0.9 | 0.0 | 5.4 | 65.4 |
| | Number in Escapement | 134 | 0 | 871 | 10,786 | 27,804 | 603 | 0 | 3,618 | 43,816 |
| Male | Percent of Sample | 0.2 | 0.0 | 0.7 | 4.7 | 24.8 | 0.2 | 0.4 | 3.6 | 34.6 |
| | Number in Escapement | 134 | 0 | 469 | 3,149 | 16,615 | 134 | 268 | 2,412 | 23,181 |
| Total | Percent of Sample | 0.4 | 0.0 | 2.0 | 20.8 | 66.3 | 1.1 | 0.4 | 9.0 | 100.0 |
| | Number in Escapement | 268 | 0 | 1,340 | 13,935 | 44,419 | 737 | 268 | 6,030 | 66,997 |
| | Standard Error | 180 | 0 | 399 | 1,157 | 1,348 | 297 | 180 | 816 | |
| Stratum Dates: | 6/18 - 6/24 | | | | | | | | | |
| Sample Dates: | 7/04 - 7/06 [b] | | | | | | | | | |
| Sample Size: | 333 | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 0.0 | 1.8 | 14.4 | 27.1 | 0.0 | 0.0 | 2.7 | 46.0 |
| | Number in Escapement | 0 | 0 | 988 | 7,908 | 14,882 | 0 | 0 | 1,483 | 25,261 |
| Male | Percent of Sample | 0.0 | 0.0 | 3.3 | 8.1 | 39.9 | 0.3 | 0.0 | 2.4 | 54.0 |
| | Number in Escapement | 0 | 0 | 1,812 | 4,448 | 21,911 | 165 | 0 | 1,318 | 29,654 |
| Total | Percent of Sample | 0.0 | 0.0 | 5.1 | 22.5 | 67.0 | 0.3 | 0.0 | 5.1 | 100.0 |
| | Number in Escapement | 0 | 0 | 2,800 | 12,356 | 36,793 | 165 | 0 | 2,801 | 54,915 |
| | Standard Error | 0 | 0 | 663 | 1,259 | 1,417 | 165 | 0 | 663 | |
| Stratum Dates: | 6/25 - 8/09 | | | | | | | | | |
| Sample Dates: | 7/11 - 7/12 [b] | | | | | | | | | |
| Sample Size: | 606 | | | | | | | | | |
| Female | Percent of Sample | 0.5 | 0.0 | 1.0 | 18.8 | 25.7 | 1.3 | 0.0 | 2.3 | 49.6 |
| | Number in Escapement | 671 | 0 | 1,341 | 25,212 | 34,465 | 1,743 | 0 | 3,084 | 66,516 |
| Male | Percent of Sample | 0.3 | 0.5 | 1.0 | 8.4 | 36.2 | 0.2 | 0.0 | 3.8 | 50.4 |
| | Number in Escapement | 402 | 671 | 1,341 | 11,265 | 48,546 | 268 | 0 | 5,096 | 67,589 |
| Total | Percent of Sample | 0.8 | 0.5 | 2.0 | 27.2 | 61.9 | 1.5 | 0.0 | 6.1 | 100.0 |
| | Number in Escapement | 1,073 | 671 | 2,682 | 36,477 | 83,011 | 2,011 | 0 | 8,180 | 134,105 |
| | Standard Error | 486 | 385 | 763 | 2,426 | 2,648 | 663 | 0 | 1,305 | |

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| | | Brood Year and Age Group | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | 1981 | | 1980 | | |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | Total |
| Stratum Combined: | 5/16 - 8/09 | | | | | | | | | |
| Sample Dates: | 6/06 - 7/12[b] | | | | | | | | | |
| Sample Size: | 3,069 | | | | | | | | | |
| Female | Percent of Sample | 0.3 | 0.0 | 2.3 | 13.5 | 28.3 | 0.8 | 0.0 | 5.4 | 50.6 |
| | Number in Escapement | 1,295 | 0 | 11,567 | 68,769 | 144,001 | 3,967 | 169 | 27,423 | 257,191 |
| Male | Percent of Sample | 0.1 | 0.1 | 2.6 | 6.8 | 33.9 | 0.3 | 0.1 | 5.5 | 49.4 |
| | Number in Escapement | 705 | 671 | 13,127 | 34,717 | 172,889 | 1,544 | 621 | 27,810 | 252,084 |
| Total | Percent of Sample | 0.4 | 0.1 | 4.9 | 20.3 | 62.2 | 1.1 | 0.1 | 0.9 | 100.0 |
| | Number in Escapement | 2,000 | 671 | 24,694 | 103,486 | 316,890 | 5,511 | 790 | 55,233 | 509,275 |
| | Standard Error | 648 | 385 | 2,214 | 4,162 | 5,024 | 1,042 | 397 | 3,167 | |

[a]The escapement estimate at the Miles Lake sonar project is for all species, Roberson (Alaska Department of Fish and Game, Glennallen, Alaska, personal communication) feels that chinook salmon probably account for about 5% of the estimate and that coho salmon are a much small portion than that. Because these minor contributions are not precisely known and sockeye salmon are overwhelmingly predominant, the estimate for all species has historically been reported as the estimate for sockeye salmon and that convention is continued here.

[b]Samples from the subsistence and personal use fisheries at Chitina are treated as representative of the Upriver escapement in these strata. The Upriver escapement by sex and age is estimated for each strata using Miles Lake sonar data and the sex and age composition data from Upriver fisheries samples. The strata dates for the escapement are the strata dates for the fisheries catches lagged to correct for the travel time of fish in transit from Miles Lake to Chitina. The mean monthly travel rates used to calculate the travel time between the two sites are from tagging data (Merritt and Roberson 1983).

# APPENDIX D

Escapements to coastal streams in the Copper/Bering River area

Appendix D.1. Sockeye salmon escapement through Tokun Lake Weir, 1986.

| Date | Escapement Daily | Escapement Cumulative | Date | Escapement Daily | Escapement Cumulative |
|---|---|---|---|---|---|
| 6/05 | 0 | 0 | 7/06 | 721 | 26,907 |
| 6/06 | 0 | 0 | 7/07 | 0 | 26,907 |
| 6/07 | 181 | 181 | 7/08 | 1,613 | 28,520 |
| 6/08 | 813 | 994 | 7/09 | 260 | 28,780 |
| 6/09 | 0 | 994 | 7/10 | 407 | 29,187 |
| 6/10 | 0 | 994 | 7/11 | 1,544 | 30,731 |
| 6/11 | 0 | 994 | 7/12 | 414 | 31,145 |
| 6/12 | 2,688 | 3,682 | 7/13 | 1,079 | 32,224 |
| 6/13 | 1,166 | 4,848 | 7/14 | 1,465 | 33,689 |
| 6/14 | 1,151 | 5,999 | 7/15 | 555 | 34,244 |
| 6/15 | 1,402 | 7,401 | 7/16 | 329 | 34,573 |
| 6/16 | 1,707 | 9,108 | 7/17 | 446 | 35,019 |
| 6/17 | 2,369 | 11,477 | 7/18 | 391 | 35,410 |
| 6/18 | 1,777 | 13,254 | 7/19 | 618 | 36,028 |
| 6/19 | 830 | 14,084 | 7/20 | 550 | 36,578 |
| 6/20 | 108 | 14,192 | 7/21 | 294 | 36,872 |
| 6/21 | 0 | 14,192 | 7/22 | 739 | 37,611 |
| 6/22 | 0 | 14,192 | 7/23 | 210 | 37,821 |
| 6/23 | 84 | 14,276 | 7/24 | 336 | 38,157 |
| 6/24 | 91 | 14,367 | 7/25 | 323 | 38,480 |
| 6/25 | 247 | 14,614 | 7/26 | 213 | 38,693 |
| 6/26 | 39 | 14,653 | 7/27 | 477 | 39,170 |
| 6/27 | 799 | 15,452 | 7/28 | 396 | 39,566 |
| 6/28 | 1,136 | 16,588 | 7/29 | 302 | 39,868 |
| 6/29 | 2,111 | 18,699 | 7/30 | 129 | 39,997 |
| 6/30 | 2,065 | 20,764 | 7/31 | 143 | 40,140 |
| 7/01 | 1,694 | 22,458 | 8/01 | 77 | 40,217 |
| 7/02 | 945 | 23,403 | 8/02 | 203 | 40,420 |
| 7/03 | 1,622 | 25,025 | 8/03 | 75 | 40,495 |
| 7/04 | 1,009 | 26,034 | | | |
| 7/05 | 152 | 26,186 | | | |
| | | | Total | 40,495 | 40,495 |

Appendix D.2. Aerial escapement indices and weir counts by date and location for sockeye salmon returning to the Copper River delta and Bering River, 1986.[a]

| Copper River Delta System/Drainage | Survey Site | Survey Dates 06 Jun | 11 Jun | 16 Jun | 18 Jun | 25 Jun | 2 Jul | 9 Jul | 16 Jul |
|---|---|---|---|---|---|---|---|---|---|
| Eyak River | Eyak River | 40 | 0 | NS | 0 | 0 | 0 | 0 | NS |
| | West Shore Beaches | 35 | 0 | NS | 75 | 80 | 625 | 500 | 300 |
| | Middle Arm Beaches | 50 | 60 | NS | 120 | 200 | 450 | 500 | 630 |
| | North Shore Beaches | 0 | 0 | NS | 0 | 250 | NS | 0 | NS |
| | Hatchery Creek Delta | 0 | 0 | NS | 0 | 500 | 450 | 400 | 300 |
| | Hatchery Creek | 0 | 0 | NS | 0 | 30 | 500 | 500 | 600 |
| | Power Creek Delta | 0 | 0 | NS | 0 | 0 | NS | NS | 0 |
| | Power Creek | 0 | 0 | NS | NS | 0 | NS | NS | NS |
| Ibek Creek | Ibek Creek | NS | NS | NS | NS | 0 | NS | NS | NS |
| Alganik Slough | Alganik Slough | 0 | 0 | NS | 0 | 25 | 0 | 0 | NS |
| | McKinley Lake | 0 | 0 | NS | 0 | 0 | 0 | 950 | 3,600 |
| | Salmon Creek - West Fork | NS | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| | Salmon Creek - East Fork | NS | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| 26/27 Mile Creek | 26/27 Mile Creek | 0 | 0 | NS | 0 | 900 | 300 | 1,650 | 1,700 |
| 39 Mile Ceek | 39 Mile Ceek | NS | NS | NS | 0 | 0 | 60 | 1,000 | 3,315 |
| Goat Mountain Creek | Goat Mountain Creek | NS | NS | NS | NS | 0 | 0 | 0 | 0 |
| Pleasant Creek | Pleasant Creek | NS | NS | NS | 0 | 970 | 300 | 1,000 * | 150 |

-Continued-

Appendix D.2. (page 2 of 2)

| Copper River Delta System/Drainage | Survey Site | Survey Dates 06 Jun | 11 Jun | 16 Jun | 18 Jun | 25 Jun | 2 Jul | 9 Jul | 16 Jul |
|---|---|---|---|---|---|---|---|---|---|
| Martin River | Martin River - Lower | 35 | 0 | NS | 300 | 75 | 225 | 575 | 480 |
| | Ragged Point River | NS | NS | NS | NS | 0 | NS | 0 | 150 |
| | Ragged Point Lake Outlet | NS | NS | NS | NS | NS | NS | 0 | 0 |
| | Ragged Point Lake | NS | NS | NS | NS | NS | NS | 0 | 0 |
| | Martin River - Upper | 65 | 0 | NS | 200 | 170 | 310 | 2,300 | 850 |
| | Martin Lake Outlet | 0 | 0 | NS | 0 | 250 | 0 | 0 | 0 |
| | Martin Lake | 0 | 0 | NS | 350 | 4,700 | 10,500 | 5,000 | 3,950 |
| | Martin Lake Feeders | 0 | 0 | NS | 0 | 0 | 700 | 2,400 | 3,750 |
| | Pothole River | NS | NS | NS | NS | 0 | 600 | 950 | 600 |
| | Pothole Lake Outlet | NS | NS | NS | NS | 0 | 0 | 50 | 0 |
| | Pothole Lake | NS | NS | NS | NS | 0 | 0 | 0 | 0 |
| | Little Martin Lake Outlet | 0 | 0 | NS | 0 | 0 | 360 | 0 | 0 |
| | Little Martin Lake | 0 | 0 | NS | 0 | 0 | 40 | 700 | 150 |
| | Tokun River | 0 | 0 | NS | 50 | 500 | 230 | 200 | 150 |
| | Tokun Springs | 0 | 0 | NS | 0 | 250 | 0 | 0 | 10 |
| | Tokun Lake Outlet | 0 | 0 | NS | 500 + | 500 | 100 | 1,000 | 600 |
| | Tokun Lake Aerial Counts | 0 | 50 | NS | 0 | 3,500 | 1,000 + | 600 + | 300 |
| | Tokun Weir (Cummulative) | 10 | 3,682 | 9,108 | 11,487 | 14,614 | 23,403 | 28,780 | 34,573 |
| Martin River Slough | Martin River Slough | 0 | 0 | 0 | 0 | 5,200 | 7,980 | 3,770 | 3,400 |
| Copper River Delta Daily Aerial Survey Totals[e] | | 225 | 110 | 0 | 1,595 | 18,100 | 24,730 | 24,045 | 24,985 |

NS = NO SURVEY

-Continued-

Appendix D.2. (page 3 of 10)

| Copper River Delta System/Drainage | Survey Site | Survey Dates 06 Jun | 11 Jun | 16 Jun | 18 Jun | 25 Jun | 2 Jul | 9 Jul | 16 Jul |
|---|---|---|---|---|---|---|---|---|---|
| Bering River | Bering River | 0 | 0 | 0 | 15 | 1,400 | 200 * | 700 | 0 |
| | Bering Lake | 0 | 150 | 300 | 420 | 1,550 | 7,620 + | 8,120 | 12,000 |
| | Dick Creek | 0 | 0 | 0 | 0 | 0 | 0 | 610 | 1,200 |
| | Shepherd Creek - Lagoon | 0 | 0 | 0 | 50 | 20 | 3,600 | 350 | 1,100 |
| | Shepherd Creek | NS | NS | NS | NS | NS | 0 * | 200 | NS |
| | Carbon Creek | NS | NS | NS | NS | NS | NS | NS | NS |
| | Maxwell Creek | NS | NS | NS | NS | NS | NS | NS | NS |
| | Trout Creek | NS | NS | NS | NS | NS | NS | NS | NS |
| | Clear Creek | NS | NS | NS | NS | NS | NS | NS | NS |
| | Kushtaka Lake | NS | NS | NS | NS | NS | NS | 0 | 0 |
| | Shokum Creek | NS | NS | NS | NS | NS | NS | 0 | 0 |
| Bering River Area Total | | 0 | 150 | 300 | 485 | 2,970 | 11,420 | 9,980 | 14,300 |
| Copper River Delta/Bering River Area Total | | 225 | 260 | 300 | 2,080 | 21,070 | 36,150 | 34,025 | 39,285 |

NS = NO SURVEY

-Continued-

Appendix D.2. (page 4 of 10)

| Copper River Delta System/Drainage | Survey Site | Survey Dates 25 Jul | 30-31 Jul | 6 Aug | 14 Aug | 20 Aug | 3 Sep | 10 Sep |
|---|---|---|---|---|---|---|---|---|
| Eyak River | Eyak River | NS | NS | NS | NS | NS | NS | NS |
| | West Shore Beaches | NS | 660 * | 200 | 500 | 375 | 300 | 200 |
| | Middle Arm Beaches | NS | 850 + | 900 | 800 | 1,200 | 850 | 1600 * |
| | North Shore Beaches | NS | NS | 0 | 50 | 150 | 50 + | 250 + |
| | Hatchery Creek Delta | NS | 450 * | 300 | 100 + | 250 | 250 | 0 SP |
| | Hatchery Creek | NS | 650 * | 300 | 200 | 20 | 250 | 400 |
| | Power Creek Delta | NS | 0 | NS | NS | NS | NS | NS |
| | Power Creek | NS | 0 | NS | NS | NS | NS | NS |
| Ibek Creek | Ibek Creek | NS | 60 | NS | NS | 0 | 0 | 0 |
| Alganik Slough | Alganik Slough | NS | NS | NS | NS | NS | NS | NS |
| | McKinley Lake | 8,030 + | 12,000 +* | 6,100 | 1,250 | 3,150 + | 150 | 250 |
| | Salmon Creek - West Fork | 300 | 600 * | 3,400 | 3,200 + | 3,000 | 500 | 350 |
| | Salmon Creek - East Fork | 0 | 300 * | 600 | 1,300 + | 900 | 150 | 0 |
| 26/27 Mile Creek | 26/27 Mile Creek | 1,200 + | 925 | 900 | 2,030 * | 0 | 125 | 0 |
| 39 Mile Ceek | 39 Mile Ceek | NS | 6,950 | 8,300 | 7,150 SP | 9,500 SP* | 2,000 SP | NS |
| Goat Mountain Creek | Goat Mountain Creek | NS | 50 + | 0 | 0 | 600 SP* | 0 SP | NS |
| Pleasant Creek | Pleasant Creek | NS | 0 | 0 | 0 | 0 | 0 | 0 |

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Appendix D.2. (page 5 of 10)

| Copper River Delta System/Drainage | Survey Site | Survey Dates 25 Jul | 30-31 Jul | 6 Aug | 14 Aug | 20 Aug | 3 Sep | 10 Sep |
|---|---|---|---|---|---|---|---|---|
| Martin River | Martin River - Lower | NS | 90 | 40 | 0 | 250 SP | 0 | 0 |
| | Ragged Point River | NS | 3,850 | 2,600 | 1,000 | 900 | 150 | 0 |
| | Ragged Point Lake Outlet | NS | 0 | 200 | 300 | 250 | 100 | 50 |
| | Ragged Point Lake | NS | 10 | 200 | 1,100 | 2,000 | 2,000 | 3,500 |
| | Martin River - Upper | NS | 420 | 900 | 650 | 600 SP | 0 | 0 |
| | Martin Lake Outlet | NS | 300 | 400 | 100 | 200 | 20 | 0 |
| | Martin Lake | NS | 700 | 150 | 350 | 0 | 50 | 0 |
| | Martin Lake Feeders | NS | 3,000 | 1,500 | 400 | 0 | 0 | 0 |
| | Pothole River | NS | 80 | 0 | 0 | 0 | 50 | 0 |
| | Pothole Lake Outlet | NS | 0 | 150 | 0 | 0 | 0 | 0 |
| | Pothole Lake | NS | 100 | 100 | 1,200 | 2,200 | 600 | 1,800 |
| | Little Martin Lake Outlet | NS | 0 | 0 | 0 | 0 | 0 | 0 |
| | Little Martin Lake | NS | 1,000 | 600 | 800 | 700 | 800 | 1,500 |
| | Tokun River | NS | 100 | 150 | 75 | 160 | 60 | 0 |
| | Tokun Springs | NS | 350 | 100 | 150 | 250 SP | 0 | 0 |
| | Tokun Lake Outlet | NS | 0 | 400 | 0 | 150 | 0 | 0 |
| | Tokun Lake Aerial Counts | NS | 2,000 + | 8,000 + | 6,500 | 3,500 + | 14,000 | 16,000 |
| | Tokun Weir (Cummulative) | 38,480 | 40,140[d] | | | | | |
| Martin River Slough | Martin River Slough | NS | 4,500 | 4,300 | 1,650 SP | 1,200 SP | 0 | 0 |
| Copper River Delta Daily Aerial Survey Totals[e] | | 9,530 | 39,995 | 40,790 | 30,855 | 31,505 | 22,455 | 25,900 |

NS = NO SURVEY

-Continued-

Appendix D.2. (page 6 of 10)

| Copper River Delta System/Drainage | Survey Site | Survey Dates 25 Jul | 30-31 Jul | 6 Aug | 14 Aug | 20 Aug | 3 Sep | 10 Sep |
|---|---|---|---|---|---|---|---|---|
| Bering River | Bering River | NS | 0 | 0 | 0 | 0 | 0 | NS |
| | Bering Lake | NS | 1,250 | 1,690 | 120 | 300 | 0 | 0 |
| | Dick Creek | NS | 9,500 + | 7,150 + | 1,300 | 500 | 350 | 0 |
| | Shepherd Creek - Lagoon | NS | 350 | 0 | 0 | 0 | 0 | NS |
| | Shepherd Creek | NS | 2,150 + | 400 + | 0 | 100 + | 0 | NS |
| | Carbon Creek | NS | 300 | 500 | NS | NS | NS | NS |
| | Maxwell Creek | NS | 0 | 0 | NS | NS | NS | NS |
| | Trout Creek | NS | 0 | NS | NS | 0 | NS | 0 |
| | Clear Creek | NS | 1,350 | NS | NS | 250 | NS | 0 |
| | Kushtaka Lake | NS | 650 | 560 | 825 + | 400 | 0 | 0 |
| | Shokum Creek | NS | 100 | NS | NS | NS | NS | NS |
| Bering River Area Total | | 0 | 15,650 | 10,300 | 2,245 | 1,550 | 350 | 0 |
| Copper River Delta/Bering River Area Total | | 9,530 | 55,645 | 51,090 | 33,100 | 33,055 | 22,805 | 25,900 |

NS = NO SURVEY

-Continued-

Appendix D.2. (page 7 of 10)

| Copper River Delta System/Drainage | Survey Site | 18 Sep | 26 Sep | 4 Oct | 24 Oct | Estimated Escapement Site[b] | Estimated Escapement System[c] |
|---|---|---|---|---|---|---|---|
| Eyak River | Eyak River | NS | NS | NS | NS | 0 | 3,610 |
| | West Shore Beaches | 500 | 400 | 150 | 0 | 660 | |
| | Middle Arm Beaches | 500 | 200 | 250 | 50 | 1,600 | |
| | North Shore Beaches | 70 | 100 + | 120 | 35 | 250 | |
| | Hatchery Creek Delta | 250 | 100 | 300 | 0 | 450 | |
| | Hatchery Creek | 450 + | 550 | 700 | 75 | 650 | |
| | Power Creek Delta | NS | 0 | 0 | 0 | 0 | |
| | Power Creek | NS | NS | NS | NS | 0 | |
| Ibek Creek | Ibek Creek | 0 | 0 | 0 | 0 | 0 | 0 |
| Alganik Slough | Alganik Slough | NS | NS | NS | NS | | |
| | McKinley Lake | 0 | 150 | 0 | NS | 12,000 | 12,900 |
| | Salmon Creek - West Fork | 400 | 50 | 10 | NC | 600 | |
| | Salmon Creek - East Fork | 0 | 0 | 0 | NC | 300 | |
| 26/27 Mile Creek | 26/27 Mile Creek | 0 | 10 | 0 | 0 | 2,030 | 2,030 |
| 39 Mile Ceek | 39 Mile Ceek | 1,000 SP | NS | 250 | 0 | 9,500 | 9,500 |
| Goat Mountain Creek | Goat Mountain Creek | 0 | 0 | 0 | NS | 600 | 600 |
| Pleasant Creek | Pleasant Creek | 0 | 0 | 0 | NS | 1,000 | 1,000 |

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Appendix D.2. (page 8 of 10)

| Copper River Delta System/Drainage | Survey Site | 18 Sep | 26 Sep | 4 Oct | 24 Oct | Estimated Escapement Site[b] | Estimated Escapement System[c] |
|---|---|---|---|---|---|---|---|
| Martin River | Martin River - Lower | 0 | 0 | 0 | 0 | 575 | 575 |
| | Ragged Point River | 0 | 0 | 0 | 0 | 0 | 3,900 |
| | Ragged Point Lake Outlet | 200 | 0 | 0 | NS | 200 | |
| | Ragged Point Lake | 3,700 | 2,200 | 1,700 | NS | 3,700 | |
| | Martin River - Upper | 0 | 40 | 0 | 0 | 2,300 | 2,300 |
| | Martin Lake Outlet | 0 | 50 | 0 | NC | 0 | 11,200 |
| | Martin Lake | 0 | 0 | 800 N.E | 180 | 10,500 | |
| | Martin Lake Feeders | 0 | 25 | 0 | 0 | 700 | |
| | Pothole River | 0 | 0 | 0 | 0 | 0 | 2,200 |
| | Pothole Lake Outlet | 0 | 0 | 0 | 0 | 0 | |
| | Pothole Lake | 800 | 1,400 | 750 | 400 | 2,200 | |
| | Little Martin Lake Outlet | 0 | 0 | 0 | 0 | 0 | 1,500 |
| | Little Martin Lake | 1,150 | 200 | 50 | 0 | 1,500 | |
| | Tokun River | 0 | 0 | 0 | 0 | 60 | 14,060 |
| | Tokun Springs | 0 | 30 | 0 | NS | 0 | |
| | Tokun Lake Outlet | 50 | 0 | 0 | 0 | 0 | |
| | Tokun Lake Aerial Counts | 6,300 + | 5,300 + | 4,600 + | 600 | 14,000 | |
| | Tokun Weir (Cummulative) | | | | | | |
| Martin River Slough | Martin River Slough | 0 | 0 | 0 | 0 | 7,980 | 7,980 |
| Copper River Delta Daily Aerial Survey Totals[e] | | 15,370 | 10,805 | 9,680 | 1,340 | | 73,355 |

NS = NO SURVEY

-Continued-

| Copper River Delta System/Drainage | Survey Site | 18 Sep | 26 Sep | 4 Oct | 24 Oct | Estimated Escapement Site[b] | Estimated Escapement System[c] |
|---|---|---|---|---|---|---|---|
| Bering River | Bering River | NS | NS | NS | NS | 0 | 13,200 |
| | Bering Lake | 0 | NS | NC | 0 | 12,000 | |
| | Dick Creek | 0 | 0 | 0 | 0 | 1,200 | |
| | Shepherd Creek - Lagoon | NS | 0 | 0 | NS | 3,600 | 3,600 |
| | Shepherd Creek | NS | NS | NS | NS | 0 | |
| | Carbon Creek | NS | NS | NS | NS | 0 | |
| | Maxwell Creek | NS | NS | NS | NS | 0 | |
| | Trout Creek | NS | NS | NS | NS | 0 | 0 |
| | Clear Creek | NS | NS | NS | NS | 1,350 | 1,350 |
| | Kushtaka Lake | NS | NS | NS | NS | 825 | 825 |
| | Shokum Creek | NS | NS | NS | NS | 0 | |
| Bering River Area Total | | 0 | 0 | 0 | 0 | | 18,975 |
| Copper River Delta/Bering River Area Total | | 15,370 | 10,805 | 9,680 | 1,340 | | 92,330 |

NS = NO SURVEY

[a]The survey sites represent most of the known sockeye salmon spawning locations in the Copper River Delta and Bering River drainages. Weather permitting, the sites are surveyed weekly. The surveys provide information about the relative strength of escapements among years and within a year, time trends for spawning sites and the relative escapement strength among sites. The indices are not intended to provide an actual estimate of escapement for the coastal stocks but they have been used for that purpose in the absence of any other escapement estimating method.

[b]The escapement estimate for each site is the asterisked aerial survey estimate. Where the survey site is a terminal spawning area the peak count is used, however, if the site is a schooling area for migratory fish bound for sites further upstream the count which minimizes possible duplicate counts across dates is selected.

-Continued-

[c]The sum of the estimates by site within a system.

[d]The weir was pulled on 3 August.

[e]Includes aerial survey for Tokun Lake but not the weir.

Appendix D.3. Estimated age and sex composition of the combined sockeye salmon escapements to the Copper River Delta and Bering River drainages, 1986.

| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 | |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 2.3 | Total |
| Copper River Delta Escapements | | | | | | | | | | | | |
| Sample Dates: | 06/11-08/01 | | | | | | | | | | | |
| Sample Size: | 6,721 | | | | | | | | | | | |
| Female | Percent of Escapement | 0.0 | 0.5 | 0.0 | 8.2 | 10.7 | 0.0 | 0.0 | 22.6 | 0.0 | 0.1 | 42.1 |
| | Number in Escapement | 0 | 443 | 0 | 7,557 | 9,800 | 0 | 8 | 20,703 | 35 | 60 | 38,606 |
| Male | Percent of Escapement | 0.0 | 5.8 | 0.0 | 4.3 | 32.3 | 0.0 | 0.0 | 15.2 | 0.2 | 0.0 | 57.8 |
| | Number in Escapement | 4 | 5,288 | 43 | 3,936 | 29,554 | 4 | 0 | 13,955 | 154 | 31 | 52,969 |
| Total | Percent of Escapement | 0.0 | 6.3 | 0.0 | 12.5 | 43.0 | 0.0 | 0.0 | 37.8 | 0.2 | 0.1 | 100.0 |
| | Number in Escapement | 4 | 5,731 | 43 | 11,493 | 39,404 | 4 | 8 | 34,658 | 189 | 91 | 91,625 |
| | Standard Error | 5 | 240 | 15 | 313 | 593 | 5 | 9 | 583 | 44 | 33 | |
| Bering River Escapements | | | | | | | | | | | | |
| Sample Dates: | 07/06-07/28 | | | | | | | | | | | |
| Sample Size: | 1,480 | | | | | | | | | | | |
| Female | Percent of Escapement | 0.0 | 1.0 | 0.0 | 16.9 | 6.9 | 0.0 | 0.0 | 14.0 | 0.2 | 0.2 | 39.2 |
| | Number in Escapement | 0 | 175 | 0 | 2,986 | 1,211 | 0 | 0 | 2,464 | 44 | 41 | 6,921 |
| Male | Percent of Escapement | 0.0 | 3.0 | 0.0 | 15.6 | 26.2 | 0.0 | 0.0 | 15.6 | 0.4 | 0.0 | 60.8 |
| | Number in Escapement | 0 | 520 | 0 | 2,755 | 4,616 | 0 | 0 | 2,744 | 69 | 0 | 10,704 |
| Total | Percent of Escapement | 0.0 | 4.0 | 0.0 | 32.5 | 33.1 | 0.0 | 0.0 | 29.6 | 0.6 | 0.2 | 100.0 |
| | Number in Escapement | 0 | 695 | 0 | 5,741 | 5,827 | 0 | 0 | 5,208 | 113 | 41 | 17,625 |
| | Standard Error | 0 | 99 | 0 | 234 | 244 | 0 | 0 | 236 | 40 | 24 | |
| Combined Delta and Bering Escapements | | | | | | | | | | | | |
| Sample Dates: | 06/11-08/01 | | | | | | | | | | | |
| Sample Size: | 8,201 | | | | | | | | | | | |
| Female | Percent of Escapement | 0.0 | 0.6 | 0.0 | 9.7 | 10.1 | 0.0 | 0.0 | 21.2 | 0.1 | 0.1 | 41.7 |
| | Number in Escapement | 0 | 618 | 0 | 10,543 | 11,011 | 0 | 8 | 23,167 | 79 | 101 | 45,527 |
| Male | Percent of Escapement | 0.0 | 5.3 | 0.0 | 6.1 | 31.3 | 0.0 | 0.0 | 15.3 | 0.2 | 0.0 | 58.3 |
| | Number in Escapement | 4 | 5,808 | 43 | 6,691 | 34,170 | 4 | 0 | 16,699 | 223 | 31 | 63,673 |
| Total | Percent of Escapement | 0.0 | 5.9 | 0.0 | 15.8 | 41.4 | 0.0 | 0.0 | 36.5 | 0.3 | 0.1 | 100.0 |
| | Number in Escapement | 4 | 6,426 | 43 | 17,234 | 45,231 | 4 | 8 | 39,866 | 302 | 132 | 109,250 |
| | Standard Error | 5 | 270 | 15 | 425 | 699 | 5 | 9 | 686 | 65 | 45 | |

Appendix D.4. Estimated age and sex composition of the sockeye salmon escapement to Eyak Lake, 1986.

| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 | |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 2.3 | Total |
| Stratum Dates: | 06/06 - 10/24 | | | | | | | | | | | |
| Sample Dates: | 07/05 - 08/01 | | | | | | | | | | | |
| Sample Size: | 616 | | | | | | | | | | | |
| Female | Percent of Escapement | 0.0 | 2.4 | 0.0 | 9.4 | 5.0 | 0.0 | 0.0 | 21.0 | 0.0 | 0.0 | 37.8 |
| | Number in Escapement | 0 | 87 | 0 | 339 | 181 | 0 | 0 | 758 | 0 | 0 | 1,365 |
| Male | Percent of Escapement | 0.0 | 1.8 | 0.0 | 3.4 | 47.9 | 0.0 | 0.0 | 8.9 | 0.2 | 0.0 | 62.2 |
| | Number in Escapement | 0 | 65 | 0 | 123 | 1,729 | 0 | 0 | 321 | 7 | 0 | 2,245 |
| Total | Percent of Escapement | 0.0 | 4.2 | 0.0 | 12.8 | 52.9 | 0.0 | 0.0 | 29.9 | 0.2 | 0.0 | 100.0 |
| | Number in Escapement | 0 | 152 | 0 | 462 | 1,910 | 0 | 0 | 1,079 | 7 | 0 | 3,610 |
| | Standard Error | 0 | 27 | 0 | 45 | 68 | 0 | 0 | 62 | 6 | 0 | |

Appendix D.5. Estimated age and sex composition of the sockeye salmon escapement to McKinley Lake, 1986.

| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 | |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 2.3 | Total |
| Stratum Dates: | 06/06-10/24 | | | | | | | | | | | |
| Sample Dates: | 07/21 | | | | | | | | | | | |
| Sample Size: | 646 | | | | | | | | | | | |
| Female | Percent of Escapement | 0.0 | 0.0 | 0.0 | 9.8 | 5.3 | 0.0 | 0.0 | 18.7 | 0.0 | 0.0 | 33.8 |
| | Number in Escapement | 0 | 0 | 0 | 1,264 | 684 | 0 | 0 | 2,412 | 0 | 0 | 4,360 |
| Male | Percent of Escapement | 0.0 | 7.9 | 0.0 | 6.5 | 41.4 | 0.0 | 0.0 | 10.4 | 0.0 | 0.0 | 66.2 |
| | Number in Escapement | 0 | 1,019 | 0 | 839 | 5,340 | 0 | 0 | 1,342 | 0 | 0 | 8,540 |
| Total | Percent of Escapement | 0.0 | 7.9 | 0.0 | 16.3 | 46.7 | 0.0 | 0.0 | 29.1 | 0.0 | 0.0 | 100.0 |
| | Number in Escapement | 0 | 1,019 | 0 | 2,103 | 6,024 | 0 | 0 | 3,754 | 0 | 0 | 12,900 |
| | Standard Error | 0 | 130 | 0 | 179 | 241 | 0 | 0 | 220 | 0 | 0 | |

Appendix D.6. Estimated age and sex composition of the sockeye salmon escapement to 27-Mile Slough Lake, 1986.

| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 | |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 2.3 | Total |
| Stratum Dates: | 06/18 - 10/04 | | | | | | | | | | | |
| Sample Dates: | 06/26 - 07/15 | | | | | | | | | | | |
| Sample Size: | 847 | | | | | | | | | | | |
| Female | Percent of Escapement | 0.0 | 0.9 | 0.0 | 10.0 | 1.1 | 0.0 | 0.0 | 7.7 | 0.0 | 0.0 | 19.7 |
| | Number in Escapement | 0 | 18 | 0 | 203 | 22 | 0 | 0 | 157 | 0 | 0 | 400 |
| Male | Percent of Escapement | 0.0 | 61.8 | 0.0 | 1.5 | 15.7 | 0.0 | 0.0 | 0.7 | 0.6 | 0.0 | 80.3 |
| | Number in Escapement | 0 | 1,255 | 0 | 30 | 319 | 0 | 0 | 14 | 12 | 0 | 1,630 |
| Total | Percent of Escapement | 0.0 | 62.7 | 0.0 | 11.5 | 16.8 | 0.0 | 0.0 | 8.4 | 0.6 | 0.0 | 100.0 |
| | Number in Escapement | 0 | 1,273 | 0 | 233 | 341 | 0 | 0 | 171 | 12 | 0 | 2,030 |
| | Standard Error | 0 | 37 | 0 | 24 | 28 | 0 | 0 | 21 | 6 | 0 | |

Appendix D.7. Estimated age and sex composition of the sockeye salmon escapement to Ragged Point Lake, 1986.

| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 | |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 2.3 | Total |
| Stratum Dates: | 07/9 - 09/10 | | | | | | | | | | | |
| Sample Dates: | 08/07 | | | | | | | | | | | |
| Sample Size: | 713 | | | | | | | | | | | |
| Female | Percent of Escapement | 0.0 | 5.3 | 0.0 | 34.5 | 11.8 | 0.0 | 0.0 | 11.2 | 0.4 | 0.1 | 63.3 |
| | Number in Escapement | 0 | 207 | 0 | 1,345 | 460 | 0 | 0 | 436 | 16 | 4 | 2,468 |
| Male | Percent of Escapement | 0.1 | 8.2 | 1.1 | 8.8 | 11.8 | 0.1 | 0.0 | 5.5 | 1.0 | 0.1 | 36.7 |
| | Number in Escapement | 4 | 320 | 43 | 343 | 460 | 4 | 0 | 215 | 39 | 4 | 1,432 |
| Total | Percent of Escapement | 0.1 | 13.5 | 1.1 | 43.3 | 23.6 | 0.1 | 0.0 | 16.7 | 1.4 | 0.2 | 100.0 |
| | Number in Escapement | 4 | 527 | 43 | 1,688 | 920 | 4 | 0 | 651 | 55 | 8 | 3,900 |
| | Standard Error | 5 | 50 | 15 | 72 | 62 | 5 | 0 | 55 | 17 | 7 | |

Appendix D.8. Estimated age and sex composition of the sockeye salmon escapement to Martin Lake, 1986.

| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 | |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 2.3 | Total |
| Stratum Dates: | 06/18 - 10/24 | | | | | | | | | | | |
| Sample Dates: | 07/08 - 07/09 | | | | | | | | | | | |
| Sample Size: | 748 | | | | | | | | | | | |
| Female | Percent of Escapement | 0.0 | 0.5 | 0.0 | 4.3 | 9.4 | 0.0 | 0.0 | 15.1 | 0.0 | 0.0 | 29.3 |
| | Number in Escapement | 0 | 56 | 0 | 482 | 1,053 | 0 | 0 | 1,691 | 0 | 0 | 3,282 |
| Male | Percent of Escapement | 0.0 | 4.0 | 0.0 | 1.6 | 54.5 | 0.0 | 0.0 | 10.2 | 0.4 | 0.0 | 70.7 |
| | Number in Escapement | 0 | 448 | 0 | 179 | 6,104 | 0 | 0 | 1,142 | 45 | 0 | 7,918 |
| Total | Percent of Escapement | 0.0 | 4.5 | 0.0 | 5.9 | 63.9 | 0.0 | 0.0 | 25.3 | 0.4 | 0.0 | 100.0 |
| | Number in Escapement | 0 | 504 | 0 | 661 | 7,157 | 0 | 0 | 2,833 | 45 | 0 | 11,200 |
| | Standard Error | 0 | 87 | 0 | 99 | 202 | 0 | 0 | 182 | 26 | 0 | |

Appendix D.9. Estimated age and sex composition of the temporally stratified sockeye salmon escapement to Tokun Lake, 1986.

| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 | |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 2.3 | Total |
| Stratum Dates: | 06/18 - 09/26 | | | | | | | | | | | |
| Sample Dates: | 06/11 | | | | | | | | | | | |
| Sample Size: | 561 | | | | | | | | | | | |
| Female | Percent of Escapement | 0.0 | 0.0 | 0.0 | 0.0 | 12.6 | 0.0 | 0.0 | 25.3 | 0.0 | 0.0 | 37.9 |
| | Number in Escapement | 0 | 0 | 0 | 0 | 1,149 | 0 | 0 | 2,307 | 0 | 0 | 3,456 |
| Male | Percent of Escapement | 0.0 | 0.0 | 0.0 | 0.5 | 48.0 | 0.0 | 0.0 | 13.6 | 0.0 | 0.0 | 62.1 |
| | Number in Escapement | 0 | 0 | 0 | 46 | 4,376 | 0 | 0 | 1,240 | 0 | 0 | 5,662 |
| Total | Percent of Escapement | 0.0 | 0.0 | 0.0 | 0.5 | 60.6 | 0.0 | 0.0 | 38.9 | 0.0 | 0.0 | 100.0 |
| | Number in Escapement | 0 | 0 | 0 | 46 | 5,525 | 0 | 0 | 3,547 | 0 | 0 | 9,118 |
| | Standard Error | 0 | 0 | 0 | 24 | 167 | 0 | 0 | 167 | 0 | 0 | |
| Stratum Dates: | 06/18 - 09/26 | | | | | | | | | | | |
| Sample Dates: | 06/22 | | | | | | | | | | | |
| Sample Size: | 528 | | | | | | | | | | | |
| Female | Percent of Escapement | 0.0 | 0.0 | 0.0 | 0.0 | 16.7 | 0.0 | 0.0 | 34.7 | 0.0 | 0.0 | 51.4 |
| | Number in Escapement | 0 | 0 | 0 | 0 | 1,947 | 0 | 0 | 4,045 | 0 | 0 | 5,992 |
| Male | Percent of Escapement | 0.0 | 0.0 | 0.0 | 0.0 | 23.6 | 0.0 | 0.0 | 25.0 | 0.0 | 0.0 | 48.6 |
| | Number in Escapement | 0 | 0 | 0 | 0 | 2,700 | 0 | 0 | 2,914 | 0 | 0 | 5,614 |
| Total | Percent of Escapement | 0.0 | 0.0 | 0.0 | 0.0 | 40.3 | 0.0 | 0.0 | 59.7 | 0.0 | 0.0 | 100.0 |
| | Number in Escapement | 0 | 0 | 0 | 0 | 4,697 | 0 | 0 | 6,959 | 0 | 0 | 11,656 |
| | Standard Error | 0 | 0 | 0 | 0 | 214 | 0 | 0 | 214 | 0 | 0 | |
| Stratum Dates: | 06/18 09/26 | | | | | | | | | | | |
| Sample Dates: | 07/07 | | | | | | | | | | | |
| Sample Size: | 596 | | | | | | | | | | | |
| Female | Percent of Escapement | 0.0 | 0.3 | 0.0 | 3.5 | 18.3 | 0.0 | 0.0 | 27.4 | 0.0 | 0.0 | 49.5 |
| | Number in Escapement | 0 | 59 | 0 | 690 | 3,611 | 0 | 0 | 5,406 | 0 | 0 | 9,766 |
| Male | Percent of Escapement | 0.0 | 1.2 | 0.0 | 1.3 | 26.7 | 0.0 | 0.0 | 21.3 | 0.0 | 0.0 | 50.5 |
| | Number in Escapement | 0 | 237 | 0 | 257 | 5,268 | 0 | 0 | 4,203 | 0 | 0 | 9,965 |
| Total | Percent of Escapement | 0.0 | 1.5 | 0.0 | 4.8 | 45.0 | 0.0 | 0.0 | 48.7 | 0.0 | 0.0 | 100.0 |
| | Number in Escapement | 0 | 296 | 0 | 947 | 8,879 | 0 | 0 | 9,609 | 0 | 0 | 19,731 |
| | Standard Error | 0 | 90 | 0 | 158 | 368 | 0 | 0 | 370 | 0 | 0 | |

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| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 | |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 2.3 | Total |
| Stratum Dates: | 06/18 - 09/26 | | | | | | | | | | | |
| Sample Dates: | 06/11 + 06/22 + 07/07 | | | | | | | | | | | |
| Sample Size: | 1685 | | | | | | | | | | | |
| Female | Percent of Escapement | 0.0 | 0.1 | 0.0 | 1.7 | 16.6 | 0.0 | 0.0 | 29.0 | 0.0 | 0.0 | 47.4 |
| | Number in Escapement | 0 | 59 | 0 | 690 | 6,707 | 0 | 0 | 11,758 | 0 | 0 | 19,214 |
| Male | Percent of Escapement | 0.0 | 0.6 | 0.0 | 0.7 | 30.6 | 0.0 | 0.0 | 20.7 | 0.0 | 0.0 | 52.6 |
| | Number in Escapement | 0 | 237 | 0 | 303 | 12,344 | 0 | 0 | 8,357 | 0 | 0 | 21,241 |
| Total | Percent of Escapement | 0.0 | 0.7 | 0.0 | 2.4 | 47.2 | 0.0 | 0.0 | 49.7 | 0.0 | 0.0 | 100.0 |
| | Number in Escapement | 0 | 296 | 0 | 993 | 19,101 | 0 | 0 | 20,115 | 0 | 0 | 40,505 |
| | Standard Error | 0 | 90 | 0 | 160 | 457 | 0 | 0 | 459 | 0 | 0 | |

Appendix D.10. Estimated age and sex composition of the sockeye salmon escapement to Martin River Slough, 1986.

| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 | |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 2.3 | Total |
| Stratum Dates: | 06/25 - 09/03 | | | | | | | | | | | |
| Sample Dates: | 06/29 | | | | | | | | | | | |
| Sample Size: | 813 | | | | | | | | | | | |
| Female | Percent of Escapement | 0.0 | 0.2 | 0.0 | 39.1 | 0.7 | 0.0 | 0.1 | 7.8 | 0.0 | 0.1 | 48.0 |
| | Number in Escapement | 0 | 16 | 0 | 3,120 | 56 | 0 | 8 | 622 | 0 | 8 | 3,830 |
| Male | Percent of Escapement | 0.0 | 16.5 | 0.0 | 25.6 | 5.6 | 0.0 | 0.0 | 3.8 | 0.4 | 0.1 | 52.0 |
| | Number in Escapement | 0 | 1,317 | 0 | 2,043 | 447 | 0 | 0 | 303 | 32 | 8 | 4,150 |
| Total | Percent of Escapement | 0.0 | 16.7 | 0.0 | 64.7 | 6.3 | 0.0 | 0.1 | 11.6 | 0.4 | 0.2 | 100.0 |
| | Number in Escapement | 0 | 1,333 | 0 | 5,163 | 503 | 0 | 8 | 925 | 32 | 16 | 7,980 |
| | Standard Error | 0 | 112 | 0 | 143 | 73 | 0 | 9 | 96 | 19 | 13 | |

Appendix D.11. Estimated age and sex composition of the sockeye salmon escapement to 39-Mile Creek, 1986.

| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 | |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 2.3 | Total |
| Stratum Dates: | 07/02 - 10/04 | | | | | | | | | | | |
| Sample Dates: | 07/20 | | | | | | | | | | | |
| Sample Size: | 653 | | | | | | | | | | | |
| Female | Percent of Escapement | 0.0 | 0.0 | 0.0 | 1.2 | 6.7 | 0.0 | 0.0 | 30.2 | 0.2 | 0.5 | 38.8 |
| | Number in Escapement | 0 | 0 | 0 | 114 | 637 | 0 | 0 | 2,869 | 19 | 48 | 3,687 |
| Male | Percent of Escapement | 0.0 | 6.6 | 0.0 | 0.8 | 29.6 | 0.0 | 0.0 | 23.8 | 0.2 | 0.2 | 61.2 |
| | Number in Escapement | 0 | 627 | 0 | 76 | 2,811 | 0 | 0 | 2,261 | 19 | 19 | 5,813 |
| Total | Percent of Escapement | 0.0 | 6.6 | 0.0 | 2.0 | 36.3 | 0.0 | 0.0 | 54.0 | 0.4 | 0.7 | 100.0 |
| | Number in Escapement | 0 | 627 | 0 | 190 | 3,448 | 0 | 0 | 5,130 | 38 | 67 | 9,500 |
| | Standard Error | 0 | 88 | 0 | 50 | 171 | 0 | 0 | 177 | 22 | 30 | |

Appendix D.12. Estimated age and sex composition of the sockeye salmon escapement to Bering Lake, 1986.

| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 | |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 2.3 | Total |
| Stratum Dates: | 06/11 - 09/03 | | | | | | | | | | | |
| Sample Dates: | 07/07 - 07/08 | | | | | | | | | | | |
| Sample Size: | 570 | | | | | | | | | | | |
| Female | Percent of Escapement | 0.0 | 0.7 | 0.0 | 14.2 | 6.5 | 0.0 | 0.0 | 13.2 | 0.2 | 0.2 | 35.0 |
| | Number in Escapement | 0 | 92 | 0 | 1,874 | 858 | 0 | 0 | 1,742 | 26 | 26 | 4,618 |
| Male | Percent of Escapement | 0.0 | 3.2 | 0.0 | 14.5 | 29.4 | 0.0 | 0.0 | 17.5 | 0.4 | 0.0 | 65.0 |
| | Number in Escapement | 0 | 422 | 0 | 1,914 | 3,882 | 0 | 0 | 2,311 | 53 | 0 | 8,582 |
| Total | Percent of Escapement | 0.0 | 3.9 | 0.0 | 28.7 | 35.9 | 0.0 | 0.0 | 30.7 | 0.6 | 0.2 | 100.0 |
| | Number in Escapement | 0 | 514 | 0 | 3,788 | 4,740 | 0 | 0 | 4,053 | 79 | 26 | 13,200 |
| | Standard Error | 0 | 96 | 0 | 224 | 237 | 0 | 0 | 228 | 38 | 22 | |

Appendix D.13. Estimated age and sex composition of the sockeye salmon escapement to Kushtaka Lake, 1986.

| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 | |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 2.3 | Total |
| Stratum Dates: | 07/30 - 09/03 | | | | | | | | | | | |
| Sample Dates: | 07/28 | | | | | | | | | | | |
| Sample Size: | 674 | | | | | | | | | | | |
| Female | Percent of Escapement | 0.0 | 2.7 | 0.0 | 8.6 | 18.8 | 0.0 | 0.0 | 24.7 | 0.4 | 0.1 | 55.3 |
| | Number in Escapement | 0 | 22 | 0 | 71 | 155 | 0 | 0 | 204 | 4 | 1 | 457 |
| Male | Percent of Escapement | 0.0 | 4.5 | 0.0 | 5.8 | 18.7 | 0.0 | 0.0 | 15.4 | 0.3 | 0.0 | 44.7 |
| | Number in Escapement | 0 | 37 | 0 | 48 | 154 | 0 | 0 | 127 | 2 | 0 | 368 |
| Total | Percent of Escapement | 0.0 | 7.2 | 0.0 | 14.4 | 37.5 | 0.0 | 0.0 | 40.1 | 0.7 | 0.1 | 100.0 |
| | Number in Escapement | 0 | 59 | 0 | 119 | 309 | 0 | 0 | 331 | 6 | 1 | 825 |
| | Standard Error | 0 | 8 | 0 | 11 | 15 | 0 | 0 | 15 | 3 | 1 | |

Appendix D.14. Estimated age and sex composition of the sockeye salmon escapement to Shepherd Creek, 1986.

| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 | |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 2.3 | Total |
| Stratum Dates: | 06/18 - 09/03 | | | | | | | | | | | |
| Sample Dates: | 07/06 | | | | | | | | | | | |
| Sample Size: | 236 | | | | | | | | | | | |
| Female | Percent of Escapement | 0.0 | 1.7 | 0.0 | 28.9 | 5.5 | 0.0 | 0.0 | 14.4 | 0.4 | 0.4 | 51.3 |
| | Number in Escapement | 0 | 61 | 0 | 1,041 | 198 | 0 | 0 | 518 | 14 | 14 | 1,846 |
| Male | Percent of Escapement | 0.0 | 1.7 | 0.0 | 22.0 | 16.1 | 0.0 | 0.0 | 8.5 | 0.4 | 0.0 | 48.7 |
| | Number in Escapement | 0 | 61 | 0 | 793 | 580 | 0 | 0 | 306 | 14 | 0 | 1,754 |
| Total | Percent of Escapement | 0.0 | 3.4 | 0.0 | 50.9 | 21.6 | 0.0 | 0.0 | 22.9 | 0.8 | 0.4 | 100.0 |
| | Number in Escapement | 0 | 122 | 0 | 1,834 | 778 | 0 | 0 | 824 | 28 | 14 | 3,600 |
| | Standard Error | 0 | 24 | 0 | 67 | 56 | 0 | 0 | 57 | 12 | 9 | |

Appendix D.15. Aerial escapement indices and weir counts by date and location for coho salmon returning to the Copper River Delta and Bering River, 1986.[a]

| Copper River Delta System/Drainage | Survey Site | Survey Dates 06 Jun | 11 Jun | 16 Jun | 18 Jun | 25 Jun | 2 Jul | 9 Jul | 16 Jul |
|---|---|---|---|---|---|---|---|---|---|
| Eyak River | Eyak River | 0 | 0 | NS | 0 | 0 | 0 | 0 | NS |
| | West Shore Beaches | 0 | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| | Middle Arm Beaches | 0 | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| | North Shore Beaches | 0 | 0 | NS | 0 | 0 | NA | 0 | NS |
| | Hatchery Creek Delta | 0 | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| | Hatchery Creek | 0 | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| | Power Creek Delta | 0 | 0 | NS | 0 | 0 | NS | NS | 0 |
| | Power Creek | 0 | 0 | NS | NS | 0 | NS | NS | NS |
| Ibek Creek | Ibek Creek | NS | NS | NS | NS | 0 | NS | NS | NS |
| Alganik Slough | Alganik Slough | 0 | 0 | NS | 0 | 0 | 0 | 0 | NS |
| | 18/20 Mile Creeks | 0 | 0 | NS | NS | NS | NS | NS | NS |
| | McKinley Lake | 0 | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| | Salmon Creek - West Fork | NS | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| | Salmon Creek - East Fork | NS | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| 26/27 Mile Creek | 26/27 Mile Creek | 0 | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| 39 Mile Ceek | 39 Mile Ceek | NS | NS | NS | 0 | 0 | 0 | 0 | 0 |
| Goat Mountain Creek | Goat Mountain Creek | NS | NS | NS | NS | 0 | 0 | 0 | 0 |
| Pleasant Creek | Pleasant Creek | NS | NS | NS | 0 | 0 | 0 | 0 | 0 |

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| Copper River Delta System/Drainage | Survey Site | 06 Jun | 11 Jun | 16 Jun | 18 Jun | 25 Jun | 2 Jul | 9 Jul | 16 Jul |
|---|---|---|---|---|---|---|---|---|---|
| Martin River | Martin River - Lower | 0 | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| | Ragged Point River | NS | NS | NS | NS | 0 | NS | 0 | 0 |
| | Ragged Point Lake Outlet | NS | NS | NS | NS | NS | NS | 0 | 0 |
| | Ragged Point Lake | NS | NS | NS | NS | NS | NS | 0 | 0 |
| | Martin River - Upper | 0 | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| | Martin Lake Outlet | 0 | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| | Martin Lake | 0 | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| | Martin Lake Feeders | 0 | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| | Pothole River | NS | NS | NS | NS | 0 | 0 | 0 | 0 |
| | Pothole Lake Outlet | NS | NS | NS | NS | 0 | 0 | 0 | 0 |
| | Pothole Lake | NS | NS | NS | NS | 0 | 0 | 0 | 0 |
| | Little Martin Lake Outlet | 0 | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| | Little Martin Lake | 0 | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| | Tokun River | 0 | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| | Tokun Springs | 0 | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| | Tokun Lake Outlet | 0 | 0 | NS | 0 + | 0 | 0 | 0 | 0 |
| | Tokun Lake Aerial Counts | 0 | 0 | NS | 0 | 0 | 0 | 0 | 0 |
| | Tokun Weir (Cummulative) | 0 | 0 | | 0 | 0 | 0 | 0 | 0 |
| Martin River Slough | Martin River Slough | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Copper River Delta Daily Aerial Survey Totals[e] | | 0 | 0 | NA | 0 | 0 | 0 | 0 | 0 |

NS = NO SURVEY

-Continued-

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| Copper River Delta System/Drainage | Survey Site | 06 Jun | 11 Jun | 16 Jun | 18 Jun | 25 Jun | 2 Jul | 9 Jul | 16 Jul |
|---|---|---|---|---|---|---|---|---|---|
| Bering River | Bering River | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Bering Lake | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Dick Creek | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Shepherd Creek - Lagoon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Shepherd Creek | NS | NS | NS | NS | NS | 0 | 0 | NS |
| | Carbon Creek | NS | NS | NS | NS | NS | NS | NS | NS |
| | Maxwell Creek | NS | NS | NS | NS | NS | NS | NS | NS |
| | Trout Creek | NS | NS | NS | NS | NS | NS | NS | NS |
| | Clear Creek | NS | NS | NS | NS | NS | NS | NS | NS |
| | Kushtaka Lake | NS | NS | NS | NS | NS | NS | 0 | 0 |
| | Shokum Creek | NS | NS | NS | NS | NS | NS | 0 | 0 |
| Katalla River | Katalla River | NS | NS | NS | NS | NS | NS | NS | NS |
| Nichawak R. | Nichawak R. | NS | NS | NS | NS | NS | NS | NS | NS |
| Controller Bay Streams | Controller Bay Streams | NS | NS | NS | NS | NS | NS | NS | NS |
| Bering River Area Total | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Copper River Delta/Bering River Area Total | | 0 | 0 | NA | 0 | 0 | 0 | 0 | 0 |

NS = NO SURVEY

-Continued-

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| Copper River Delta System/Drainage | Survey Site | Survey Dates 25 Jul | 30-31 Jul | 6 Aug | 14 Aug | 20 Aug | 3 Sep | 10 Sep |
|---|---|---|---|---|---|---|---|---|
| Eyak River | Eyak River | NS | NS | NS | NS | NS | NS | NS |
| | West Shore Beaches | NS | 0 | 0 | 0 | 0 | 0 | 350 |
| | Middle Arm Beaches | NS | 0 | 0 | 0 | 0 | 0 | 0 |
| | North Shore Beaches | NS | NS | 0 | 0 | 0 | 0 + | 0 |
| | Hatchery Creek Delta | NS | 0 | 0 | 0 | 0 | 300 | 450 SP |
| | Hatchery Creek | NS | 0 | 0 | 0 | 0 | 0 | 0 SP |
| | Power Creek Delta | NS | 0 | NS | NS | NS | NS | NS |
| | Power Creek | NS | 0 | NS | NS | NS | NS | NS |
| Ibek Creek | Ibek Creek | NS | 0 | NS | NS | 0 | 200 | 640 + |
| Alganik Slough | Alganik Slough | NS | NS | NS | NS | NS | NS | NS |
| | 18/20 Mile Creeks | NS | NS | NS | NS | 0 | 75 | 350 |
| | McKinley Lake | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Salmon Creek - West Fork | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Salmon Creek - East Fork | 0 | 0 | 0 | 0 | 0 | 0 | 100 |
| 26/27 Mile Creek | 26/27 Mile Creek | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 39 Mile Ceek | 39 Mile Ceek | NS | 0 | 0 | 0 SP | 0 SP | 5,800 SP | NS |
| Goat Mountain Creek | Goat Mountain Creek | NS | 0 | 0 | 0 | 0 SP | 100 | NS |
| Pleasant Creek | Pleasant Creek | NS | 0 | 0 | 0 | 0 | 0 | 0 |

NS = NO SURVEY, SP = POSSIBLE SPECIES CONFUSION

-Continued-

Appendix D.15. (page 5 of 10)

| Copper River Delta System/Drainage | Survey Site | Survey Dates 25 Jul | 30-31 Jul | 6 Aug | 14 Aug | 20 Aug | 3 Sep | 10 Sep |
|---|---|---|---|---|---|---|---|---|
| Martin River | Martin River - Lower | NS | 0 | 0 | 0 | 150 | 700 | 930 |
| | Ragged Point River | NS | 0 | 0 | 0 | 0 | 0 | 30 |
| | Ragged Point Lake Outlet | NS | 0 | 0 | 0 | 0 | 0 | 0 |
| | Ragged Point Lake | NS | 0 | 0 | 0 | 0 | 0 | 0 |
| | Martin River - Upper | NS | 0 | 0 | 0 | 90 | 130 | 2,450 |
| | Martin Lake Outlet | NS | 0 | 0 | 0 | 0 | 0 | 50 |
| | Martin Lake | NS | 0 | 0 | 0 | 0 | 0 | 10 |
| | Martin Lake Feeders | NS | 0 | 0 | 0 | 0 | 0 | 30 |
| | Pothole River | NS | 0 | 0 | 0 | 0 | 100 | 0 |
| | Pothole Lake Outlet | NS | 0 | 0 | 0 | 0 | 0 | 0 |
| | Pothole Lake | NS | 0 | 0 | 0 | 0 | 0 | 0 |
| | Little Martin Lake Outlet | NS | 0 | 0 | 0 | 0 | 0 | 200 |
| | Little Martin Lake | NS | 0 | 0 | 0 | 0 | 300 | 100 |
| | Tokun River | NS | 0 | 0 | 0 | 0 | 80 | 15 |
| | Tokun Springs | NS | 0 | 0 | 0 | 0 | 150 | 220 SP |
| | Tokun Lake Outlet | NS | 0 | 0 | 0 | 0 | 0 | 0 |
| | Tokun Lake Aerial Counts | NS | 0 | 0 | 0 | 0 | 0 | 0 |
| | Tokun Weir (Cummulative) | 0 | 0 d/ | | | | | |
| Martin River Slough | Martin River Slough | NS | 0 | 0 | 0 SP | 35 SP | 3,500 | 4,350 |
| Copper River Delta Daily Aerial Survey Totals[e] | | 0 | 0 | 0 | 0 | 275 | 11,435 | 10,335 |

NS = NO SURVEY, SP = POSSIBLE SPECIES CONFUSION

-Continued-

Appendix D.15. (page 6 of 10)

| Copper River Delta System/Drainage | Survey Site | Survey Dates 25 Jul | 30-31 Jul | 6 Aug | 14 Aug | 20 Aug | 3 Sep | 10 Sep |
|---|---|---|---|---|---|---|---|---|
| Bering River | Bering River | NS | 0 | 0 | 0 | 0 | 0 | NS |
| | Bering Lake | NS | 0 | 0 | 0 | 0 | 480 | 1,350 |
| | Dick Creek | NS | 0 | 0 | 0 | 0 | 150 | 350 |
| | Shepherd Creek - Lagoon | NS | 0 | 0 | 0 | 0 | 10 | NS |
| | Shepherd Creek | NS | 0 | 0 | 0 | 0 | 0 | NS |
| | Carbon Creek | NS | 0 | 0 | NS | NS | NS | NS |
| | Maxwell Creek | NS | 0 | 0 | NS | NS | NS | NS |
| | Trout Creek | NS | 0 | NS | NS | 0 | NS | 0 |
| | Clear Creek | NS | 0 | NS | NS | 0 | NS | 0 |
| | Kushtaka Lake | NS | 0 | 0 | 0 | 0 | 0 | 0 |
| | Shokum Creek | NS | 0 | NS | NS | NS | NS | NS |
| Katalla River | Katalla River | NS | NS | NS | NS | 0 SP | 300 | 1,800 |
| Nichawak R. | Nichawak R. | NS | NS | NS | NS | 100 | 940 | 1,700 + |
| Controller Bay Streams | Controller Bay Streams | NS | NS | NS | NS | 50 | 2060 | 4,210 |
| Bering River Area Total | | 0 | 0 | 0 | 0 | 150 | 3,940 | 9,410 |
| Copper River Delta/Bering River Area Total | | 0 | 0 | 0 | 0 | 425 | 15,375 | 19,745 |

NS = NO SURVEY, SP = POSSIBLE SPECIES CONFUSION

-Continued-

Appendix D.15. (page 7 of 10)

| Copper River Delta System/Drainage | Survey Site | Survey Dates 18 Sep | 26 Sep | 4 Oct | 24 Oct | Estimated Escapement Site[b] | System[c] |
|---|---|---|---|---|---|---|---|
| Eyak River | Eyak River | NS | NS | NS | NS | 0 | 2,950 |
| | West Shore Beaches | 2,400 | 300 | 350 | 0 | 2,400 | |
| | Middle Arm Beaches | 150 | 0 | 0 | 0 | 150 | |
| | North Shore Beaches | 0 | 0 | 50 | 0 | 0 | |
| | Hatchery Creek Delta | 400 SP | 900 | 1000 | 500 | 400 | |
| | Hatchery Creek | 0 SP | 100 | 0 | 75 | 0 | |
| | Power Creek Delta | NS | 0 | 0 | 0 | 0 | |
| | Power Creek | NS | NS | NS | NS | 0 | |
| Ibek Creek | Ibek Creek | 2,800 | 1,300 | 4200 | NC | 4,200 | 4,200 |
| Alganik Slough | Alganik Slough | NS | NS | NS | NS | 0 | 1,800 |
| | 18/20 Mile Creeks | 550 + | 160 | 300 | 20 | 550 | |
| | McKinley Lake | 1,050 | 70 | 125 | NS | 1050 | |
| | Salmon Creek - West Fork | 0 | 0 | 0 | NC | 0 | |
| | Salmon Creek - East Fork | 200 | 100 | 100 | NC | 200 | |
| 26/27 Mile Creek | 26/27 Mile Creek | 20 | 5 | 40 | 0 | 60 | 60 |
| 39 Mile Ceek | 39 Mile Ceek | 4,000 SP | NS | 3100 | 150 | 5,800 | 5,800 |
| Goat Mountain Creek | Goat Mountain Creek | 80 | 0 | 0 | NS | 100 | 100 |
| Pleasant Creek | Pleasant Creek | 0 | 0 | 0 | NS | 0 | 0 |

NS = NO SURVEY, SP = POSSIBLE SPECIES CONFUSION

-Continued-

Appendix D.15. (page 8 of 10)

| Copper River Delta System/Drainage | Survey Site | 18 Sep | 26 Sep | 4 Oct | 24 Oct | Estimated Escapement Site[b] | Estimated Escapement System[c] |
|---|---|---|---|---|---|---|---|
| Martin River | Martin River - Lower | 1,620 | 160 | 1400 | 0 | 1,620 | 1,620 |
| | Ragged Point River | 20 | 0 | 0 | 0 | 30 | 30 |
| | Ragged Point Lake Outlet | 0 | 0 | 0 | FOG | 0 | |
| | Ragged Point Lake | 0 | 0 | 0 | FOG | 0 | |
| | Martin River - Upper | 3,200 | 125 | 220 | FOG | 3,200 | 3,200 |
| | Martin Lake Outlet | 150 | 0 | 0 | NC | 150 | 275 |
| | Martin Lake | 100 | 0 | 0 | 0 | 100 | |
| | Martin Lake Feeders | 25 | 150 | 55 | 0 | 25 | |
| | Pothole River | 340 | 420 | 350 | 25 | 340 | 640 |
| | Pothole Lake Outlet | 0 | 0 | 20 | 0 | 0 | |
| | Pothole Lake | 300 + | 0 | 0 | 0 | 300 | |
| | Little Martin Lake Outlet | 75 | 500 | 850 | 100 | 75 | 275 |
| | Little Martin Lake | 200 | 75 | 40 | 0 | 200 | |
| | Tokun River | 60 | 0 | 270 | 40 | 270 | 490 |
| | Tokun Springs | 130 | 130 | 0 | NS | 220 | |
| | Tokun Lake Outlet | 0 | 0 | 0 | 0 | 0 | |
| | Tokun Lake Aerial Counts | 0 | 0 | 0 | 0 | 0 | |
| | Tokun Weir (Cummulative) | | | | | 0 | |
| Martin River Slough | Martin River Slough | 3,600 | 3,100 | 4100 | 1,300 | 4,350 | 4,350 |
| Copper River Delta Daily Aerial Survey Totals[e] | | 21,470 | 7,595 | 16,570 | 2,210 | | 25,790 |

NS = NO SURVEY, SP = POSSIBLE SPECIES CONFUSION

-Continued-

| Copper River Delta System/Drainage | Survey Site | 18 Sep | 26 Sep | 4 Oct | 24 Oct | Estimated Escapement Site[b] | Estimated Escapement System[c] |
|---|---|---|---|---|---|---|---|
| Bering River | Bering River | NS | NS | NS | NS | 0 | 1,700 |
| | Bering Lake | 10 | NS | NS | 0 | 1,350 | |
| | Dick Creek | 450 | 160 | 0 | 0 | 350 | |
| | Shepherd Creek - Lagoon | NS | 0 | 0 | NS | 10 | 10 |
| | Shepherd Creek | NS | NS | NS | NS | 0 | |
| | Carbon Creek | NS | NS | NS | NS | 0 | |
| | Maxwell Creek | NS | NS | NS | NS | 0 | |
| | Trout Creek | NS | NS | NS | NS | 0 | 0 |
| | Clear Creek | NS | NS | NS | NS | 0 | 0 |
| | Kushtaka Lake | NS | NS | NS | NS | 0 | 0 |
| | Shokum Creek | NS | NS | NS | NS | 0 | |
| Katalla River | Katalla River | 800 + | 1,100 | 250 | 0 | 1,800 | 1,800 |
| Nichawak R. | Nichawak R. | 520 | 0 | 20 | 0 | 1,700 | 1,700 |
| Controller Bay Streams | Controller Bay Streams | 3,100 + | 2,810 | 3,300 | 55 | 4,210 | 4,210 |
| Bering River Area Total | | 4,880 | 4,070 | 3,570 | 55 | | 9,420 |
| Copper River Delta/Bering River Area Total | | 26,350 | 11,665 | 20,140 | 2,265 | | 35,210 |

NS = NO SURVEY, SP = POSSIBLE SPECIES CONFUSION

-Continued-

[a]The survey sites represent most of the known sockeye salmon spawning locations in the Copper River Delta and Bering River drainages. Weather permitting, the sites are surveyed weekly. The surveys provide information about the relative strength of escapements among years and within a year, time trends for spawning sites and the relative escapement strength among sites. The indices are not intended to provide an actual estimate of escapement for the coastal stocks but they have been used for that purpose in the absence of any other escapement estimating method.

[b]The escapement estimate for each site is the asterisked aerial survey estimate. Where the survey site is a terminal spawning area the peak count is used, however, if the site is a schooling area for migratory fish bound for sites further upstream the count which minimizes possible duplicate counts across dates is selected.

[c]The sum of the estimates by site within a system.

[d]The weir was pulled on 3 August.

[e]Includes aerial survey for Tokun Lake but not the weir.

# APPENDIX E

## Catches from Prince William Sound (Districts 221-228)

Appendix E.1. Weekly catches of salmon by gear and species in the fisheries of Prince William Sound, 1986.

Purse Seine Fisheries

| | | Catch by Species | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Chinook | | Sockeye | | Coho | | Pink | | Chums | | Total | |
| Week | Dates | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 25 | 6/15-6/21 | | | | | | | | | | | | |
| 26 | 6/22-6/28 | | | | | | | | | | | | |
| 27 | 6/29-7/05 | 168 | 1,641 | 11,109 | 67,755 | 129 | 905 | 641,311 | 1,835,116 | 101,758 | 835,803 | 754,475 | 2,741,220 |
| 28 | 7/06-7/12 | 97 | 1,046 | 11,662 | 73,618 | 96 | 712 | 505,853 | 1,383,817 | 262,601 | 2,236,077 | 780,309 | 3,695,270 |
| 29 | 7/13-7/19 | 73 | 1,011 | 15,511 | 95,328 | 208 | 1,524 | 538,099 | 1,555,098 | 243,150 | 2,059,317 | 797,041 | 3,712,278 |
| 30 | 7/20-7/26 | 106 | 1,048 | 12,802 | 80,396 | 918 | 7,932 | 788,082 | 2,261,670 | 242,215 | 2,028,057 | 1,044,123 | 4,379,103 |
| 31 | 7/27-8/02 | 213 | 1,913 | 8,177 | 50,836 | 2,969 | 24,452 | 1,637,116 | 4,887,713 | 270,128 | 2,236,221 | 1,918,603 | 7,201,135 |
| 32 | 8/03-8/09 | 23 | 282 | 4,435 | 27,811 | 2,326 | 20,332 | 1,802,152 | 5,500,290 | 187,923 | 1,577,723 | 1,996,859 | 7,126,438 |
| 33 | 8/10-8/16 | 11 | 179 | 10,313 | 65,994 | 3,520 | 30,882 | 3,275,587 | 226,241 | 95,156 | 777,802 | 3,384,587 | 1,101,098 |
| 34 | 8/17-8/23 | 6 | 14 | 5,364 | 34,236 | 963 | 9,170 | 1,084,007 | 3,554,722 | 30,938 | 250,937 | 1,121,278 | 3,849,079 |
| 35 | 8/24-8/30 | 2 | 28 | 1,122 | 6,819 | 289 | 2,520 | 111,924 | 377,739 | 1,234 | 9,783 | 114,571 | 396,889 |
| Purse Seine Total | | 699 | 7,162 | 80,495 | 502,793 | 11,418 | 98,429 | 10,384,131 | 21,582,406 | 1,435,103 | 12,011,720 | 11,911,846 | 34,202,510 |

Drift Gill Net Fisheries

| | | Catch by Species | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Chinook | | Sockeye | | Coho | | Pink | | Chums | | Total | |
| Week | Dates | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 25 | 6/15-6/21 | 80 | 1,313 | 8,539 | 58,060 | 63 | 570 | 357 | 1,525 | 13,432 | 114,566 | | |
| 26 | 6/22-6/28 | 89 | 1,394 | 57,017 | 382,879 | 51 | 414 | 4,013 | 16,079 | 31,396 | 259,869 | | |
| 27 | 6/29-7/05 | 105 | 1,751 | 155,423 | 1,037,342 | 33 | 238 | 3,415 | 13,312 | 60,589 | 508,758 | 219,565 | 1,561,401 |
| 28 | 7/06-7/12 | 171 | 1,788 | 92,162 | 605,142 | 88 | 690 | 8,047 | 27,470 | 48,835 | 406,375 | 149,303 | 1,041,465 |
| 29 | 7/13-7/19 | 76 | 805 | 55,267 | 365,277 | 79 | 536 | 6,192 | 21,359 | 23,584 | 195,434 | 85,198 | 583,411 |
| 30 | 7/20-7/26 | 71 | 721 | 27,556 | 188,119 | 70 | 486 | 16,586 | 56,612 | 29,611 | 245,881 | 73,894 | 491,819 |
| 31 | 7/27-8/02 | 28 | 254 | 10,499 | 74,026 | 250 | 2,204 | 21,581 | 79,469 | 9,803 | 80,217 | 42,161 | 236,170 |
| 32 | 8/03-8/09 | 2 | 23 | 863 | 6,149 | 156 | 1,432 | 10,812 | 38,228 | 4,228 | 33,891 | 16,061 | 79,723 |
| 33 | 8/10-8/16 | 0 | 0 | 2 | 15 | 1 | 10 | 795 | 2,560 | 21 | 152 | 819 | 2,737 |
| 34 | 8/17-8/23 | | | | | | | | | | | 0 | 0 |
| 35 | 8/24-8/30 | | | | | | | | | | | 0 | 0 |
| Drift Gill Net Total | | 622 | 8,049 | 407,328 | 2,717,009 | 791 | 6,580 | 71,798 | 256,614 | 221,499 | 1,845,143 | 587,001 | 3,996,726 |

-Continued-

Appendix E.1. (page 2 of 2)

Set Gillnet Fisheries

| | | Catch by Species | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Chinook | | Sockeye | | Coho | | Pink | | Chums | | Total | |
| Week | Dates | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 25 | 6/15-6/21 | | | | | | | | | | | 0 | 0 |
| 26 | 6/22-6/28 | | | | | | | | | | | 0 | 0 |
| 27 | 6/29-7/05 | | | | | | | | | | | 0 | 0 |
| 28 | 7/06-7/12 | | | | | | | | | | | 0 | 0 |
| 29 | 7/13-7/19 | | | | | | | | | | | 0 | 0 |
| 30 | 7/20-7/26 | | | | | | | | | | | 0 | 0 |
| 31 | 7/27-8/02 | 3 | 80 | 193 | 1,286 | 3 | 30 | 5,597 | 17,318 | 1,557 | 11,908 | 7,353 | 30,622 |
| 32 | 8/03-8/09 | 1 | 18 | 255 | 1,649 | 1 | 12 | 8,137 | 26,664 | 2,019 | 14,816 | 10,413 | 43,159 |
| 33 | 8/10-8/16 | 2 | 38 | 237 | 1,499 | 41 | 374 | 17,449 | 60,939 | 1,258 | 9,387 | 18,987 | 72,237 |
| 34 | 8/17-8/23 | 3 | 28 | 336 | 2,257 | 39 | 400 | 10,085 | 36,833 | 870 | 6,582 | 11,333 | 46,100 |
| 35 | 8/24-8/30 | | | 22 | 152 | 2 | 22 | 855 | 3,031 | 60 | 416 | 939 | 3,621 |
| Set Gill Net Total | | 9 | 164 | 1,043 | 6,843 | 86 | 838 | 42,123 | 144,785 | 5,764 | 43,109 | 49,025 | 195,739 |

All Fisheries Combined

| | | Catch by Species | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Chinook | | Sockeye | | Coho | | Pink | | Chums | | Total | |
| Week | Dates | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 25 | 6/15-6/21 | 80 | 1,313 | 8,539 | 58,060 | 63 | 570 | 357 | 1,525 | 13,432 | 114,566 | 22,471 | 176,034 |
| 26 | 6/22-6/28 | 89 | 1,394 | 57,017 | 382,879 | 51 | 414 | 4,013 | 16,079 | 31,396 | 259,869 | 92,566 | 660,635 |
| 27 | 6/29-7/05 | 273 | 3,392 | 166,532 | 1,105,097 | 162 | 1,143 | 644,726 | 1,848,428 | 162,347 | 1,344,561 | 974,040 | 4,302,621 |
| 28 | 7/06-7/12 | 268 | 2,834 | 103,824 | 678,760 | 184 | 1,402 | 513,900 | 1,411,287 | 311,436 | 2,642,452 | 929,612 | 4,736,735 |
| 29 | 7/13-7/19 | 149 | 1,816 | 70,778 | 460,605 | 287 | 2,060 | 544,291 | 1,576,457 | 266,734 | 2,254,751 | 882,239 | 4,295,689 |
| 30 | 7/20-7/26 | 177 | 1,769 | 40,358 | 268,515 | 988 | 8,418 | 804,668 | 2,318,282 | 271,826 | 2,273,938 | 1,118,017 | 4,870,922 |
| 31 | 7/27-8/02 | 244 | 2,247 | 18,869 | 126,148 | 3,222 | 26,686 | 1,664,294 | 4,984,500 | 281,488 | 2,328,346 | 1,968,117 | 7,467,927 |
| 32 | 8/03-8/09 | 26 | 323 | 5,553 | 35,609 | 2,483 | 21,776 | 1,821,101 | 5,565,182 | 194,170 | 1,626,430 | 2,023,333 | 7,249,320 |
| 33 | 8/10-8/16 | 13 | 217 | 10,552 | 67,508 | 3,562 | 31,266 | 3,293,831 | 289,740 | 96,435 | 787,341 | 3,404,393 | 1,176,072 |
| 34 | 8/17-8/23 | 9 | 42 | 5,700 | 36,493 | 1,002 | 9,570 | 1,094,092 | 3,591,555 | 31,808 | 257,519 | 1,132,611 | 3,895,179 |
| 35 | 8/24-8/30 | 2 | 28 | 1,144 | 6,971 | 291 | 2,542 | 112,779 | 380,770 | 1,294 | 10,199 | 115,510 | 400,510 |
| Combined Gear Total | | 1,330 | 15,375 | 488,866 | 3,226,645 | 12,295 | 105,847 | 10,498,052 | 21,983,805 | 1,662,366 | 13,899,972 | 12,662,909 | 39,231,644 |

Appendix E.2. Commercial catches of salmon by species and fishing period in the Eastern District (221) purse seine fishery, Prince William Sound, 1986.

| | | | | | CATCH BY SPECIES | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Chinook | | Sockeye | | Coho | | Pink | | Chums | |
| Period | Dates | Hours | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 1 | 6/30-7/01 | 39 | 123 | 201 | 57 | 804 | 1,097 | 6,562 | 120 | 826 | 619,217 | 1,771,422 | 91,341 | 744,945 |
| 2 [a] | 7/09-7/10 | 39 | 142 | 220 | 26 | 434 | 1,835 | 10,844 | 40 | 385 | 405,105 | 1,120,041 | 121,492 | 1,032,930 |
| 3 | 7/17-7/18 | 39 | 144 | 233 | 36 | 701 | 1,506 | 9,152 | 82 | 634 | 255,266 | 739,144 | 131,275 | 1,111,578 |
| 4 | 7/23-7/25 | 63 | 120 | 247 | 66 | 607 | 2,190 | 13,726 | 611 | 5,561 | 208,364 | 598,619 | 132,691 | 1,110,581 |
| 5 | 7/29-7/31 | 63 | 97 | 244 | 175 | 1,569 | 1,011 | 6,306 | 2,034 | 16,612 | 276,061 | 860,194 | 166,942 | 1,395,916 |
| 6 [b] | 8/04-8/08 | 111 | 109 | 299 | 7 | 136 | 282 | 1,931 | 681 | 5,843 | 287,498 | 907,006 | 133,243 | 1,139,502 |
| 7 | 8/11-8/15 | 111 | 65 | 171 | 2 | 76 | 56 | 362 | 401 | 4,292 | 268,057 | 883,085 | 50,181 | 415,178 |
| 8 | 8/18-8/22 | 111 | 39 | 106 | 1 | 2 | 38 | 235 | 298 | 2,861 | 162,504 | 542,191 | 21,169 | 171,903 |
| 9 [c] | 8/25-8/29 | 111 | 8 | 8 | | | 1 | 5 | 37 | 352 | 6,468 | 21,566 | 138 | 1,299 |
| | Total | 687 | 228 | 1,729 | 370 | 4,329 | 8,016 | 49,123 | 4,304 | 37,366 | 2,488,540 | 7,443,268 | 848,472 | 7,123,832 |

[a] A closure of Port Valdez and Valdez Narrows was placed into effect at 6:00 a.m. 9 July and remained in effect through 25 July.

[b] All portions of the Eastern District except the Fidalgo Subdistrict closed with the general closure of the other seine districts at 9:00 p.m. of 6 August. The Fidalgo Subdistrict was kept open for an additional 48 hours until 9:00 p.m. 8 August.

[c] The Fidalgo Subdistrict remained closed during the period from 25 August through 29 August.

Appendix E.3. Commercial catches of salmon by species and date in the Eastern District purse seine fishery, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 06/30 | 80 | 87 | 14 | 151 | 433 | 2,783 | 7 | 44 | 261,056 | 748,113 | 51,238 | 403,510 |
| 07/01 | 102 | 114 | 43 | 653 | 664 | 3,779 | 113 | 782 | 358,161 | 1,023,309 | 40,103 | 341,435 |
| 07/09 | 81 | 90 | 4 | 48 | 731 | 4,305 | 1 | 12 | 127,683 | 364,915 | 57,729 | 490,494 |
| 07/10 | 113 | 130 | 22 | 386 | 1,104 | 6,539 | 39 | 373 | 277,422 | 755,126 | 63,763 | 542,436 |
| 07/17 | 104 | 113 | 5 | 115 | 546 | 3,507 | 1 | 6 | 109,156 | 315,156 | 68,315 | 573,892 |
| 07/18 | 105 | 120 | 31 | 586 | 960 | 5,645 | 81 | 628 | 146,110 | 423,988 | 62,960 | 537,686 |
| 07/23 | 78 | 82 | 9 | 91 | 1,317 | 8,119 | 189 | 1,894 | 76,464 | 215,861 | 50,098 | 417,982 |
| 07/24 | 68 | 72 | 9 | 76 | 396 | 2,541 | 17 | 191 | 50,488 | 147,968 | 34,057 | 284,453 |
| 07/25 | 77 | 93 | 48 | 440 | 477 | 3,066 | 405 | 3,476 | 81,412 | 234,790 | 48,536 | 408,146 |
| 07/29 | 79 | 100 | 8 | 111 | 502 | 3,159 | 1,351 | 10,752 | 116,020 | 370,931 | 72,516 | 611,742 |
| 07/30 | 55 | 61 | 1 | 7 | 237 | 1,610 | 181 | 1,452 | 75,149 | 221,378 | 33,832 | 285,786 |
| 07/31 | 71 | 83 | 166 | 1,451 | 272 | 1,537 | 502 | 4,408 | 84,892 | 267,885 | 60,594 | 498,388 |
| 08/04 | 69 | 73 | 2 | 35 | 74 | 543 | 102 | 770 | 81,897 | 258,356 | 35,436 | 302,552 |
| 08/05 | 65 | 77 | 3 | 93 | 89 | 608 | 121 | 1,115 | 96,055 | 304,739 | 37,046 | 315,981 |
| 08/06 | 66 | 74 | 2 | 8 | 73 | 486 | 381 | 3,383 | 73,131 | 226,708 | 27,525 | 235,136 |
| 08/07 | 41 | 45 | | | 19 | 125 | 62 | 426 | 20,826 | 70,439 | 20,325 | 173,353 |
| 08/08 | 28 | 30 | | | 27 | 169 | 15 | 149 | 15,589 | 46,764 | 12,911 | 112,480 |
| 08/11 | 48 | 48 | 1 | 8 | 12 | 78 | 38 | 436 | 82,616 | 272,854 | 14,674 | 123,576 |
| 08/12 | 41 | 43 | | | 10 | 67 | 77 | 903 | 64,269 | 208,242 | 6,483 | 54,312 |
| 08/13 | 24 | 27 | | | 8 | 52 | 30 | 286 | 48,662 | 156,591 | 10,429 | 83,733 |
| 08/14 | 24 | 25 | 1 | 68 | 19 | 124 | 39 | 439 | 36,862 | 122,614 | 8,779 | 72,404 |
| 08/15 | 27 | 28 | | | 7 | 41 | 217 | 2,228 | 35,648 | 122,784 | 9,816 | 81,153 |
| 08/18 | 22 | 22 | | | 4 | 28 | 26 | 254 | 35,715 | 114,061 | 6,535 | 52,187 |
| 08/19 | 25 | 25 | | | 5 | 35 | 22 | 228 | 38,156 | 126,608 | 5,463 | 43,275 |
| 08/20 | 24 | 26 | | | 3 | 22 | 64 | 618 | 29,063 | 97,631 | 2,965 | 23,936 |
| 08/21 | 16 | 21 | | | 5 | 36 | 118 | 1,143 | 36,065 | 121,641 | 4,046 | 34,309 |
| 08/22 | 11 | 12 | 1 | 2 | 21 | 114 | 68 | 618 | 23,505 | 82,250 | 2,160 | 18,196 |
| 08/25 | 5 | 5 | | | | | | | 2,320 | 8,393 | 85 | 816 |
| 08/26 | 2 | 2 | | | 1 | 5 | 10 | 122 | 1,433 | 4,755 | 6 | 58 |
| 08/29 | 1 | 1 | | | | | 27 | 230 | 2,715 | 8,418 | 47 | 425 |
| Total | 228 | 1,729 | 370 | 4,329 | 8,016 | 49,123 | 4,304 | 37,366 | 2,488,540 | 7,443,268 | 848,472 | 7,123,832 |

Appendix E.4. Commercial catches of salmon by species and date in the Eastern District purse seine fishery, Statistical Area 221-20, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 06/30 | 8 | 9 | 2 | 45 | 6 | 40 | 1 | 6 | 1,801 | 5,509 | 18,629 | 142,867 |
| 07/01 | 11 | 11 | | | 1 | 6 | | | 4,134 | 12,169 | 9,213 | 74,514 |
| 07/09 | 24 | 29 | | | 89 | 587 | | | 11,140 | 32,358 | 24,777 | 222,157 |
| 07/10 | 12 | 12 | | | 93 | 640 | | | 2,155 | 6,339 | 6,278 | 52,427 |
| 07/17 | 17 | 19 | | | 19 | 100 | | | 2,417 | 6,235 | 21,560 | 175,070 |
| 07/18 | 15 | 15 | | | 17 | 120 | | | 5,157 | 16,422 | 4,939 | 42,538 |
| 07/23 | 12 | 12 | | | 8 | 70 | | | 742 | 2,164 | 4,087 | 33,644 |
| 07/24 | 13 | 14 | | | 11 | 87 | 2 | 14 | 3,159 | 8,630 | 6,478 | 52,993 |
| 07/25 | 15 | 15 | | | 52 | 333 | 10 | 96 | 6,662 | 18,749 | 3,282 | 27,932 |
| 07/29 | 10 | 13 | | | 58 | 343 | 27 | 192 | 12,222 | 39,967 | 3,997 | 34,971 |
| 07/30 | 2 | 2 | | | 2 | 10 | | | 469 | 1,429 | 908 | 7,334 |
| 07/31 | 1 | 2 | | | | | 145 | 984 | 3,498 | 9,802 | 396 | 3,081 |
| 08/04 | 3 | 4 | | | 10 | 70 | 20 | 180 | 4,898 | 14,139 | 1,308 | 10,682 |
| 08/05 | 7 | 8 | | | 2 | 17 | 2 | 20 | 3,737 | 11,537 | 1,278 | 11,277 |
| 08/06 | 1 | 1 | | | | | | | 108 | 315 | 22 | 170 |
| 08/12 | 4 | 4 | | | | | | | 6,895 | 23,061 | 69 | 498 |
| 08/13 | 1 | 2 | | | | | | | 4,719 | 14,639 | 35 | 267 |
| 08/15 | 1 | 1 | | | | | | | 3,436 | 12,029 | 10 | 123 |
| 08/18 | 1 | 1 | | | | | | | 1,200 | 4,126 | 6 | 53 |
| 08/19 | 2 | 2 | | | | | | | 4,036 | 12,457 | 20 | 141 |
| 08/20 | 2 | 2 | | | | | 29 | 264 | 3,852 | 11,558 | 10 | 93 |
| Total | 63 | 178 | 2 | 45 | 368 | 2,423 | 236 | 1,756 | 86,437 | 263,634 | 107,302 | 892,832 |

Appendix E.5. Commercial catches of salmon by species and date in the Eastern District purse seine fishery, Statistical Area 221-30, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 06/30 | 20 | 20 | | | 12 | 68 | | | 9,322 | 25,059 | 15,509 | 124,413 |
| 07/01 | 23 | 25 | | | 267 | 1,346 | | | 23,636 | 67,547 | 8,571 | 77,268 |
| 07/09 | 12 | 12 | | | 89 | 522 | | | 10,163 | 26,165 | 7,983 | 64,806 |
| 07/10 | 36 | 43 | | | 238 | 1,190 | | | 30,821 | 83,235 | 23,187 | 201,139 |
| 07/17 | 18 | 18 | 2 | 51 | 136 | 921 | 1 | 6 | 21,331 | 63,550 | 8,855 | 77,805 |
| 07/18 | 39 | 43 | 1 | 15 | 106 | 696 | 1 | 10 | 29,488 | 79,065 | 26,896 | 231,983 |
| 07/23 | 31 | 31 | | | 257 | 1,716 | | | 28,144 | 76,403 | 18,123 | 148,452 |
| 07/24 | 25 | 26 | | | 68 | 429 | | | 17,439 | 50,816 | 12,041 | 100,977 |
| 07/25 | 18 | 19 | | | 55 | 418 | | | 18,449 | 50,713 | 3,687 | 31,004 |
| 07/29 | 16 | 21 | | | 288 | 1,837 | 2 | 15 | 47,013 | 157,143 | 3,987 | 32,949 |
| 07/30 | 15 | 15 | | | 162 | 1,085 | 164 | 1,259 | 32,795 | 93,710 | 4,393 | 38,284 |
| 07/31 | 19 | 19 | | | 72 | 470 | 4 | 31 | 29,303 | 87,053 | 4,839 | 41,241 |
| 08/04 | 20 | 22 | 2 | 35 | 37 | 274 | 62 | 434 | 33,013 | 106,746 | 6,076 | 51,393 |
| 08/05 | 8 | 8 | 1 | 60 | 9 | 71 | | | 7,117 | 22,587 | 1,698 | 14,067 |
| 08/06 | 7 | 7 | | | 6 | 47 | | | 4,325 | 13,183 | 458 | 3,974 |
| 08/11 | 4 | 4 | | | 2 | 14 | 7 | 60 | 3,828 | 11,490 | 163 | 1,475 |
| 08/12 | 4 | 4 | | | 1 | 7 | | | 2,892 | 9,488 | 58 | 495 |
| 08/13 | 1 | 1 | | | | | 3 | 30 | 1,294 | 4,532 | 1 | 6 |
| 08/15 | 3 | 3 | | | | | | | 5,826 | 23,090 | 91 | 660 |
| 08/29 | 1 | 1 | | | | | 27 | 230 | 2,715 | 8,418 | 47 | 425 |
| Total | 110 | 342 | 6 | 161 | 1,805 | 11,111 | 271 | 2,075 | 358,914 | 1,059,993 | 146,663 | 1,242,816 |

Appendix E.6. Commercial catches of salmon by species and date in the Eastern District purse seine fishery, Statistical Area 221-40, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 06/30 | 1 | 1 | | | | | | | 2,592 | 6,481 | 310 | 2,481 |
| 07/01 | 4 | 4 | | | 161 | 940 | | | 12,386 | 32,140 | 1,169 | 9,520 |
| 07/09 | 8 | 8 | 1 | 29 | 42 | 288 | | | 6,157 | 16,850 | 1,098 | 9,918 |
| 07/10 | 3 | 3 | | | 194 | 1,234 | | | 1,729 | 4,738 | 664 | 5,392 |
| 07/17 | 7 | 7 | | | 136 | 833 | | | 3,025 | 9,270 | 7,909 | 65,074 |
| 07/18 | 7 | 7 | | | 73 | 445 | | | 2,114 | 6,574 | 4,224 | 38,455 |
| 07/23 | 13 | 15 | | | | | | | 535 | 1,693 | 5,228 | 44,681 |
| 07/24 | 3 | 4 | | | | | | | 2,189 | 5,965 | 2,090 | 17,295 |
| 07/25 | 15 | 17 | | | 13 | 82 | | | 6,215 | 18,342 | 6,809 | 57,359 |
| 07/29 | 30 | 38 | | | 52 | 324 | 1,306 | 10,422 | 18,032 | 51,569 | 44,352 | 369,057 |
| 07/30 | 14 | 16 | | | 3 | 18 | | | 8,777 | 26,595 | 20,962 | 178,402 |
| 07/31 | 27 | 35 | 1 | 65 | 13 | 69 | | | 8,859 | 26,346 | 28,778 | 240,427 |
| 08/04 | 32 | 33 | | | 10 | 84 | 20 | 156 | 19,996 | 60,541 | 22,076 | 189,796 |
| 08/05 | 32 | 38 | | | 45 | 304 | 25 | 253 | 47,339 | 145,907 | 20,975 | 183,196 |
| 08/06 | 42 | 47 | | | 35 | 213 | 193 | 1,670 | 40,480 | 121,130 | 19,715 | 169,962 |
| 08/07 | 41 | 45 | | | 19 | 125 | 62 | 426 | 20,826 | 70,439 | 20,325 | 173,353 |
| 08/08 | 28 | 30 | | | 27 | 169 | 15 | 149 | 15,589 | 46,764 | 12,911 | 112,480 |
| 08/11 | 30 | 30 | | | 4 | 26 | 3 | 31 | 28,503 | 91,556 | 12,257 | 102,386 |
| 08/12 | 13 | 14 | | | | | 9 | 90 | 9,802 | 30,219 | 3,657 | 30,707 |
| 08/13 | 13 | 14 | | | 2 | 16 | 14 | 146 | 20,905 | 66,182 | 9,014 | 71,530 |
| 08/14 | 14 | 14 | 1 | 68 | 11 | 83 | 1 | 18 | 16,017 | 53,486 | 3,593 | 30,385 |
| 08/15 | 10 | 10 | | | 2 | 16 | | | 12,649 | 43,180 | 5,016 | 42,066 |
| 08/18 | 12 | 12 | | | | | 9 | 80 | 20,280 | 65,975 | 5,834 | 46,094 |

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Appendix E.6. (page 2 of 2)

| Catch MM/DD | Permits | Landings | Catch by Species: Chinook Number | Chinook Pounds | Sockeye Number | Sockeye Pounds | Coho Number | Coho Pounds | Pink Number | Pink Pounds | Chum Number | Chum Pounds |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 08/19 | 17 | 17 | | | 2 | 12 | 21 | 222 | 16,551 | 52,993 | 5,029 | 39,864 |
| 08/20 | 15 | 16 | | | | | 27 | 276 | 10,697 | 36,355 | 2,595 | 20,938 |
| 08/21 | 7 | 8 | | | | | 23 | 250 | 9,614 | 30,735 | 2,357 | 20,292 |
| 08/22 | 7 | 7 | 1 | 2 | 19 | 108 | 50 | 489 | 15,574 | 54,420 | 2,073 | 17,529 |
| Total | 98 | 490 | 4 | 164 | 863 | 5,389 | 1,778 | 14,678 | 377,432 | 1,176,445 | 271,020 | 2,288,639 |

Appendix E.7. Commercial catches of salmon by species and date in the Eastern District purse seine fishery, Statistical Area 221-50, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 06/30 | 47 | 51 | 12 | 106 | 415 | 2,675 | 6 | 38 | 192,893 | 535,375 | 16,108 | 127,930 |
| 07/01 | 56 | 66 | 42 | 616 | 234 | 1,479 | 112 | 774 | 295,802 | 843,112 | 19,944 | 169,395 |
| 07/09 | 38 | 41 | 3 | 19 | 511 | 2,908 | 1 | 12 | 100,223 | 289,542 | 23,871 | 193,613 |
| 07/10 | 64 | 72 | 22 | 386 | 579 | 3,475 | 39 | 373 | 242,717 | 660,814 | 33,634 | 283,478 |
| 07/17 | 64 | 69 | 3 | 64 | 255 | 1,643 | | | 82,383 | 236,101 | 29,991 | 255,943 |
| 07/18 | 50 | 55 | 30 | 571 | 764 | 4,384 | 80 | 618 | 109,351 | 321,927 | 26,901 | 224,710 |
| 07/23 | 23 | 24 | 9 | 91 | 1,052 | 6,333 | 189 | 1,894 | 47,043 | 135,601 | 22,660 | 191,205 |
| 07/24 | 28 | 28 | 9 | 76 | 317 | 2,025 | 15 | 177 | 27,701 | 82,557 | 13,448 | 113,188 |
| 07/25 | 30 | 42 | 48 | 440 | 357 | 2,233 | 395 | 3,380 | 50,086 | 146,986 | 34,758 | 291,851 |
| 07/29 | 23 | 24 | 8 | 111 | 104 | 655 | 16 | 123 | 30,060 | 95,304 | 17,174 | 147,704 |
| 07/30 | 25 | 28 | 1 | 7 | 70 | 497 | 17 | 193 | 33,108 | 99,644 | 7,569 | 61,766 |
| 07/31 | 25 | 27 | 165 | 1,386 | 187 | 998 | 353 | 3,393 | 43,232 | 144,684 | 26,581 | 213,639 |
| 08/04 | 14 | 14 | | | 17 | 115 | | | 23,990 | 76,930 | 5,976 | 50,681 |
| 08/05 | 20 | 23 | 2 | 33 | 33 | 216 | 94 | 842 | 37,862 | 124,708 | 13,095 | 107,441 |
| 08/06 | 17 | 19 | 2 | 8 | 32 | 226 | 188 | 1,713 | 28,218 | 92,080 | 7,330 | 61,030 |
| 08/11 | 14 | 14 | 1 | 8 | 6 | 38 | 28 | 345 | 50,285 | 169,808 | 2,254 | 19,715 |
| 08/12 | 21 | 21 | | | 9 | 60 | 68 | 813 | 44,680 | 145,474 | 2,699 | 22,612 |
| 08/13 | 9 | 10 | | | 6 | 36 | 13 | 110 | 21,744 | 71,238 | 1,379 | 11,930 |
| 08/14 | 10 | 11 | | | 8 | 41 | 38 | 421 | 20,845 | 69,128 | 5,186 | 42,019 |
| 08/15 | 12 | 13 | | | 3 | 15 | 207 | 2,188 | 13,137 | 42,055 | 4,649 | 37,894 |
| 08/18 | 9 | 9 | | | 4 | 28 | 17 | 174 | 14,235 | 43,960 | 695 | 6,040 |
| 08/19 | 6 | 6 | | | 3 | 23 | 1 | 6 | 17,569 | 61,158 | 414 | 3,270 |

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Appendix E.7. (page 2 of 2)

| Catch MM/DD | Permits | Landings | Catch by Species: Chinook Number | Chinook Pounds | Sockeye Number | Sockeye Pounds | Coho Number | Coho Pounds | Pink Number | Pink Pounds | Chum Number | Chum Pounds |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 08/20 | 7 | 8 | | | 3 | 22 | 8 | 78 | 14,514 | 49,718 | 360 | 2,905 |
| 08/21 | 9 | 13 | | | 5 | 36 | 95 | 893 | 26,451 | 90,906 | 1,689 | 14,017 |
| 08/22 | 4 | 5 | | | 2 | 6 | 18 | 129 | 7,931 | 27,830 | 87 | 667 |
| 08/25 | 5 | 5 | | | | | | | 2,320 | 8,393 | 85 | 816 |
| 08/26 | 2 | 2 | | | 1 | 5 | 10 | 122 | 1,433 | 4,755 | 6 | 58 |
| Total | 149 | 700 | 357 | 3,922 | 4,977 | 30,172 | 2,008 | 18,809 | 1,579,813 | 4,669,788 | 318,543 | 2,655,517 |

Appendix E.8. Commercial catches of salmon by species and date in the Eastern District purse seine fishery, Statistical Area 221-60, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 06/30 | 6 | 6 | | | | | | | 54,448 | 175,689 | 682 | 5,819 |
| 07/01 | 8 | 8 | 1 | 37 | 1 | 8 | 1 | 8 | 22,203 | 68,341 | 1,206 | 10,738 |
| 07/29 | 4 | 4 | | | | | | | 8,693 | 26,948 | 3,006 | 27,061 |
| 08/15 | 1 | 1 | | | 2 | 10 | 10 | 40 | 600 | 2,430 | 50 | 410 |
| Total | 17 | 19 | 1 | 37 | 3 | 18 | 11 | 48 | 85,944 | 273,408 | 4,944 | 44,028 |

Appendix E.9. Commercial catches of salmon by species and fishing period in the Northern District purse seine fishery, Prince William Sound, 1986.

| | | | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Chinook | | Sockeye | | Coho | | Pink | | Chums | |
| Period | Dates | Hours | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 2 | 7/09-7/10 | 39 | 85 | 130 | 1 | 8 | 2,291 | 15,027 | 6 | 60 | 34,369 | 94,896 | 127,263 | 1,075,439 |
| 3 | 7/17-7/18 | 39 | 53 | 78 | 8 | 60 | 1,812 | 11,487 | 3 | 27 | 57,615 | 162,977 | 47,881 | 408,164 |
| 4 | 7/23-7/25 | 63 | 50 | 81 | | | 1,111 | 7,295 | 10 | 80 | 152,356 | 433,367 | 32,281 | 267,244 |
| 5 | 7/29-7/31 | 63 | 47 | 93 | 8 | 82 | 854 | 5,229 | 30 | 240 | 268,675 | 753,426 | 25,717 | 224,941 |
| 6 | 8/04-8/06 | 63 | 23 | 54 | 1 | 2 | 298 | 1,909 | 2 | 19 | 170,757 | 496,391 | 12,811 | 111,094 |
| 7 | 8/11-8/15 | 111 | 18 | 57 | 1 | 14 | 142 | 845 | 16 | 140 | 214,005 | 633,978 | 2,976 | 24,405 |
| 8 | 8/18-8/22 | 111 | 4 | 9 | 5 | 12 | 33 | 210 | 9 | 70 | 40,403 | 122,135 | 166 | 1,211 |
| Total | | 489 | 128 | 502 | 24 | 178 | 6,541 | 42,002 | 76 | 636 | 938,180 | 2,697,170 | 249,095 | 2,112,498 |

Appendix E.11. Commercial catches of salmon by species and date in the Northern District purse seine fishery, Statistical Area 222-10, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/09 | 66 | 69 | | | 1,305 | 8,648 | | | 15,212 | 43,102 | 78,079 | 657,838 |
| 07/10 | 47 | 61 | 1 | 8 | 986 | 6,379 | 6 | 60 | 19,157 | 51,794 | 49,184 | 417,601 |
| 07/17 | 41 | 45 | | | 892 | 5,483 | | | 30,324 | 86,313 | 27,609 | 234,434 |
| 07/18 | 28 | 33 | 8 | 60 | 920 | 6,004 | 3 | 27 | 27,291 | 76,664 | 20,272 | 173,730 |
| 07/23 | 24 | 24 | | | 449 | 2,945 | 5 | 40 | 29,657 | 83,316 | 13,644 | 114,147 |
| 07/24 | 22 | 24 | | | 246 | 1,597 | | | 50,223 | 142,637 | 7,559 | 59,287 |
| 07/25 | 27 | 28 | | | 398 | 2,623 | 5 | 40 | 53,356 | 149,894 | 10,304 | 86,835 |
| 07/29 | 30 | 36 | 3 | 45 | 335 | 2,001 | | | 123,398 | 346,413 | 11,939 | 107,158 |
| 07/30 | 29 | 35 | 1 | 20 | 251 | 1,542 | 1 | 12 | 97,738 | 276,200 | 8,280 | 71,168 |
| 07/31 | 24 | 27 | 4 | 17 | 286 | 1,816 | 29 | 228 | 66,659 | 188,333 | 6,272 | 53,590 |
| 08/04 | 16 | 17 | | | 169 | 1,015 | 2 | 19 | 47,863 | 141,213 | 7,315 | 61,915 |
| 08/05 | 11 | 12 | | | 63 | 432 | | | 45,453 | 122,257 | 3,104 | 27,938 |
| 08/06 | 21 | 25 | 1 | 2 | 66 | 462 | | | 77,441 | 232,921 | 2,392 | 21,241 |
| 08/11 | 13 | 15 | | | 55 | 330 | 5 | 39 | 67,252 | 192,631 | 509 | 4,296 |
| 08/12 | 11 | 17 | | | 43 | 246 | 5 | 41 | 64,728 | 196,659 | 842 | 6,870 |
| 08/13 | 7 | 7 | | | 7 | 47 | 2 | 14 | 14,132 | 43,766 | 931 | 7,526 |
| 08/14 | 10 | 10 | | | 18 | 108 | | | 40,104 | 110,666 | 144 | 1,154 |
| 08/15 | 8 | 8 | 1 | 14 | 19 | 114 | 4 | 46 | 27,789 | 90,256 | 550 | 4,559 |
| 08/18 | 3 | 3 | | | 8 | 51 | | | 16,430 | 47,770 | 51 | 372 |
| 08/19 | 3 | 3 | | | 8 | 56 | | | 6,390 | 19,173 | 26 | 198 |
| 08/20 | 1 | 1 | | | | | | | 2,940 | 8,825 | | |
| 08/21 | 1 | 1 | | | 4 | 25 | | | 9,765 | 29,295 | 30 | 225 |
| 08/22 | 1 | 1 | 5 | 12 | 13 | 78 | 9 | 70 | 4,878 | 17,072 | 59 | 416 |
| Total | 128 | 502 | 24 | 178 | 6,541 | 42,002 | 76 | 636 | 938,180 | 2,697,170 | 249,095 | 2,112,498 |

Appendix E.11. Commercial catches of salmon by species and date in the Northern District purse seine fishery, Statistical Area 222-10, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/09 | 15 | 15 | | | 180 | 1,180 | | | 1,007 | 3,086 | 15,458 | 129,521 |
| 07/10 | 16 | 22 | | | 358 | 2,119 | | | 4,910 | 14,374 | 20,782 | 167,407 |
| 07/17 | 17 | 19 | | | 329 | 2,057 | | | 6,819 | 18,612 | 11,642 | 100,139 |
| 07/18 | 3 | 4 | | | 130 | 722 | | | 871 | 2,340 | 3,419 | 28,309 |
| 07/23 | 10 | 10 | | | 152 | 915 | | | 2,064 | 5,376 | 5,483 | 47,854 |
| 07/24 | 4 | 4 | | | 70 | 395 | | | 1,913 | 5,583 | 1,299 | 11,156 |
| 07/25 | 9 | 9 | | | 127 | 849 | | | 7,126 | 21,295 | 3,834 | 33,026 |
| 07/30 | 3 | 3 | | | 9 | 58 | | | 3,396 | 8,592 | 3,204 | 27,848 |
| 07/31 | 2 | 2 | 1 | 11 | 39 | 207 | 10 | 78 | 4,113 | 13,414 | 385 | 3,019 |
| 08/04 | 5 | 5 | | | 97 | 580 | | | 15,186 | 43,274 | 3,908 | 31,124 |
| 08/13 | 2 | 2 | | | 1 | 8 | | | 2,500 | 7,490 | 701 | 5,605 |
| Total | 54 | 95 | 1 | 11 | 1,492 | 9,090 | 10 | 78 | 49,905 | 143,436 | 70,115 | 585,008 |

Appendix E.12. Commercial catches of salmon by species and date in the Northern District purse seine fishery, Statistical Area 222-20, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/09 | 50 | 52 | | | 1,123 | 7,454 | | | 14,035 | 39,602 | 57,874 | 494,983 |
| 07/10 | 30 | 34 | 1 | 8 | 603 | 4,090 | 2 | 26 | 11,355 | 30,524 | 26,810 | 235,197 |
| 07/17 | 14 | 14 | | | 442 | 2,694 | | | 14,395 | 43,604 | 11,633 | 95,759 |
| 07/18 | 23 | 27 | 7 | 54 | 763 | 5,118 | 2 | 18 | 23,950 | 66,902 | 14,294 | 122,387 |
| 07/23 | 13 | 13 | | | 221 | 1,500 | 5 | 40 | 25,677 | 70,277 | 6,137 | 50,099 |
| 07/24 | 18 | 20 | | | 176 | 1,202 | | | 48,310 | 137,054 | 6,260 | 48,131 |
| 07/25 | 10 | 10 | | | 92 | 580 | 1 | 5 | 27,933 | 78,288 | 2,235 | 19,396 |
| 07/29 | 29 | 32 | 3 | 45 | 299 | 1,793 | | | 101,413 | 289,245 | 11,282 | 101,544 |
| 07/30 | 22 | 26 | | | 185 | 1,091 | | | 62,231 | 182,072 | 3,258 | 27,860 |
| 07/31 | 16 | 17 | 3 | 6 | 206 | 1,324 | 19 | 150 | 49,865 | 139,254 | 3,404 | 27,912 |
| 08/04 | 11 | 11 | | | 70 | 425 | 2 | 19 | 31,112 | 93,239 | 3,381 | 30,551 |
| 08/05 | 9 | 10 | | | 62 | 422 | | | 38,990 | 102,852 | 1,490 | 13,353 |
| 08/06 | 17 | 20 | 1 | 2 | 60 | 439 | | | 62,080 | 188,000 | 1,925 | 17,111 |
| 08/11 | 8 | 9 | | | 55 | 330 | 5 | 39 | 38,272 | 115,124 | 477 | 3,976 |
| 08/12 | 7 | 10 | | | 24 | 133 | 5 | 41 | 44,833 | 136,898 | 758 | 6,234 |
| 08/13 | 3 | 3 | | | 3 | 20 | 2 | 14 | 8,142 | 25,800 | 89 | 796 |
| 08/14 | 8 | 8 | | | 17 | 102 | | | 22,314 | 67,493 | 133 | 1,063 |
| 08/15 | 7 | 7 | 1 | 14 | 19 | 114 | 4 | 46 | 27,589 | 89,602 | 550 | 4,559 |
| 08/18 | 3 | 3 | | | 8 | 51 | | | 16,430 | 47,770 | 51 | 372 |
| 08/19 | 3 | 3 | | | 8 | 56 | | | 6,390 | 19,173 | 26 | 198 |
| 08/20 | 1 | 1 | | | | | | | 2,940 | 8,825 | | |
| 08/21 | 1 | 1 | | | 4 | 25 | | | 9,765 | 29,295 | 30 | 225 |
| 08/22 | 1 | 1 | 5 | 12 | 13 | 78 | 9 | 70 | 4,878 | 17,072 | 59 | 416 |
| Total | 101 | 332 | 21 | 141 | 4,453 | 29,041 | 56 | 468 | 692,899 | 2,017,965 | 152,156 | 1,302,122 |

Appendix E.13. Commercial catches of salmon by species and date in the Northern District purse seine fishery, Statistical Area 222-21, Cannery Creek Hatchery terminal harvest area, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 08/11 | 3 | 4 | | | | | | | 25,010 | 66,061 | | |
| 08/12 | 4 | 7 | | | 19 | 113 | | | 19,895 | 59,761 | 84 | 636 |
| 08/13 | 2 | 2 | | | 3 | 19 | | | 3,490 | 10,476 | 141 | 1,125 |
| 08/14 | 2 | 2 | | | 1 | 6 | | | 17,790 | 43,173 | 11 | 91 |
| Total | 4 | 15 | 0 | 0 | 23 | 138 | 0 | 0 | 66,185 | 179,471 | 236 | 1,852 |

Appendix E.14. Commercial catches of salmon by species and date in the Northern District purse seine fishery, Statistical Area 222-30, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/09 | 2 | 2 | | | 2 | 14 | | | 170 | 414 | 4,747 | 33,334 |
| 07/17 | 3 | 3 | | | 86 | 512 | | | 3,073 | 8,977 | 1,157 | 10,416 |
| 07/18 | 1 | 1 | | | 1 | 6 | | | 103 | 320 | 50 | 450 |
| 07/23 | 1 | 1 | | | 76 | 530 | | | 1,916 | 7,663 | 2,024 | 16,194 |
| 07/25 | 2 | 2 | | | 110 | 778 | 2 | 14 | 9,160 | 25,706 | 1,195 | 9,207 |
| 07/29 | 4 | 4 | | | 36 | 208 | | | 21,985 | 57,168 | 657 | 5,614 |
| 07/30 | 5 | 5 | 1 | 20 | 40 | 250 | 1 | 12 | 29,221 | 78,586 | 968 | 8,200 |
| 07/31 | 3 | 3 | | | 14 | 87 | | | 5,539 | 17,490 | 174 | 1,565 |
| 08/04 | 1 | 1 | | | 2 | 10 | | | 1,565 | 4,700 | 26 | 240 |
| 08/05 | 1 | 1 | | | | | | | 4,953 | 14,865 | 218 | 2,025 |
| 08/06 | 1 | 1 | | | | | | | 3,138 | 9,420 | 92 | 820 |
| 08/11 | 2 | 2 | | | | | | | 3,970 | 11,446 | 32 | 320 |
| Total | 19 | 26 | 1 | 20 | 367 | 2,395 | 3 | 26 | 84,793 | 236,755 | 11,340 | 88,385 |

Appendix E.15. Commercial catches of salmon by species and date in the Northern District purse seine fishery, Statistical Area 222-40, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/10 | 5 | 5 | | | 25 | 170 | 4 | 34 | 2,892 | 6,896 | 1,592 | 14,997 |
| 07/17 | 8 | 9 | | | 35 | 220 | | | 6,037 | 15,120 | 3,177 | 28,120 |
| 07/18 | 1 | 1 | 1 | 6 | 26 | 158 | 1 | 9 | 2,367 | 7,102 | 2,509 | 22,584 |
| 07/25 | 7 | 7 | | | 69 | 416 | 2 | 21 | 9,137 | 24,605 | 3,040 | 25,206 |
| 07/30 | 1 | 1 | | | 17 | 143 | | | 2,890 | 6,950 | 850 | 7,260 |
| 07/31 | 5 | 5 | | | 27 | 198 | | | 7,142 | 18,175 | 2,309 | 21,094 |
| 08/05 | 1 | 1 | | | 1 | 10 | | | 1,510 | 4,540 | 1,396 | 12,560 |
| 08/06 | 4 | 4 | | | 6 | 23 | | | 12,223 | 35,501 | 375 | 3,310 |
| 08/15 | 1 | 1 | | | | | | | 200 | 654 | | |
| Total | 28 | 34 | 1 | 6 | 206 | 1,338 | 7 | 64 | 44,398 | 119,543 | 15,248 | 135,131 |

Appendix E.16. Commercial catches of salmon by species, gear, and fishing period in the Unakwik District, Prince William Sound, 1986.

Drift Gill Net Fisheries

| | | | | | CATCH BY SPECIES | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Chinook | | Sockeye | | Coho | | Pink | | Chums | |
| Period | Dates | Hours | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 2 | 6/23-6/26 | 87 | 21 | 66 | 1 | 30 | 4,950 | 33,262 | | | 66 | 257 | 155 | 1,353 |
| 3 | 6/30-7/04 | 111 | 33 | 158 | 2 | 43 | 11,302 | 73,302 | | | 402 | 1,536 | 1,063 | 9,611 |
| 4 | 7/07-7/10 | 87 | 26 | 79 | 2 | 15 | 5,949 | 38,624 | | | 410 | 1,518 | 337 | 3,081 |
| 5 | 7/14-7/16 | 87 | 11 | 37 | | | 2,239 | 14,487 | | | 356 | 1,297 | 519 | 4,380 |
| 6 | 7/22-7/25 | 81 | 7 | 15 | | | 892 | 5,817 | | | 99 | 283 | 97 | 794 |
| 7 | 7/28-8/01 | 111 | 2 | 7 | | | 397 | 2,762 | | | 550 | 1,835 | 253 | 2,189 |
| 8 | 8/04-8/06 | 63 | 2 | 2 | | | 30 | 215 | 1 | 10 | 90 | 235 | 39 | 360 |
| Drift Gill Net Total | | | 46 | 364 | 5 | 88 | 25,759 | 168,469 | 1 | 10 | 1,973 | 6,961 | 2,463 | 21,768 |

Purse Seine Fisheries

| | | | | | CATCH BY SPECIES | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Chinook | | Sockeye | | Coho | | Pink | | Chums | |
| Period | Dates | Hours | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 2 | 6/23-6/26 | | | | | | | | | | | | | |
| 3 | 6/30-7/04 | | | | | | | | | | | | | |
| 4 | 7/09-7/10 | 63 | 1 | 1 | | | 2 | 14 | | | 75 | 215 | 1,100 | 9,625 |
| 5 | 7/16-7/18 | 81 | 1 | 1 | | | 23 | 173 | | | 1,028 | 2,740 | 1,053 | 9,035 |
| 6 | 7/23-7/25 | 111 | 3 | 5 | | | 23 | 178 | | | 2,030 | 5,117 | 2,424 | 19,548 |
| 7 | 7/29-7/31 | 63 | 1 | 1 | | | 28 | 175 | | | 1,585 | 4,750 | 98 | 870 |
| 8 | 8/04-8/06 | | | | | | | | | | | | | |
| Purse Seine Total | | | 6 | 8 | 0 | 0 | 76 | 540 | 0 | 0 | 4,718 | 12,822 | 4,675 | 39,078 |

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All Fisheries Combined

| | | CATCH BY SPECIES | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Chinook | | Sockeye | | Coho | | Pink | | Chums | |
| Period | Dates* | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 2 | 6/23-6/26 | 1 | 30 | 4,950 | 33,262 | 0 | 0 | 66 | 257 | 155 | 1,353 |
| 3 | 6/30-7/04 | 2 | 43 | 11,302 | 73,302 | 0 | 0 | 402 | 1,536 | 1,063 | 9,611 |
| 4 | 7/07-7/10 | 2 | 15 | 5,951 | 38,638 | 0 | 0 | 485 | 1,733 | 1,437 | 12,706 |
| 5 | 7/14-7/18 | 0 | 0 | 2,262 | 14,660 | 0 | 0 | 1,384 | 4,037 | 1,572 | 13,415 |
| 6 | 7/22-7/25 | 0 | 0 | 915 | 5,995 | 0 | 0 | 2,129 | 5,400 | 2,521 | 20,342 |
| 7 | 7/28-8/01 | 0 | 0 | 425 | 2,937 | 0 | 0 | 2,135 | 6,585 | 351 | 3,059 |
| 8 | 8/04-8/06 | 0 | 0 | 30 | 215 | 1 | 10 | 90 | 235 | 39 | 360 |
| Combined Gear Total | | 5 | 88 | 25,835 | 169,009 | 1 | 10 | 6,691 | 19,783 | 7,138 | 60,846 |

Appendix E.17. Commercial catches of salmon by species and date in the Unakwik District drift gill net fishery, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 06/23 | 18 | 42 | | | 2,966 | 19,893 | | | 31 | 123 | 96 | 858 |
| 06/24 | 9 | 10 | | | 549 | 3,661 | | | 4 | 15 | 10 | 54 |
| 06/25 | 6 | 7 | 1 | 30 | 694 | 4,677 | | | 4 | 16 | 5 | 51 |
| 06/26 | 7 | 7 | | | 741 | 5,031 | | | 27 | 103 | 44 | 390 |
| 06/30 | 32 | 94 | 2 | 43 | 7,689 | 49,960 | | | 201 | 803 | 494 | 4,434 |
| 07/01 | 16 | 22 | | | 1,302 | 8,356 | | | 71 | 262 | 157 | 1,443 |
| 07/02 | 10 | 20 | | | 909 | 5,826 | | | 71 | 266 | 256 | 2,284 |
| 07/03 | 7 | 7 | | | 590 | 3,866 | | | 29 | 103 | 85 | 791 |
| 07/04 | 9 | 15 | | | 812 | 5,294 | | | 30 | 102 | 71 | 659 |
| 07/07 | 25 | 59 | | | 4,300 | 28,038 | | | 227 | 870 | 117 | 1,033 |
| 07/08 | 7 | 8 | 2 | 15 | 382 | 2,520 | | | 21 | 67 | 4 | 33 |
| 07/09 | 2 | 3 | | | 286 | 1,898 | | | 26 | 97 | 7 | 59 |
| 07/10 | 9 | 9 | | | 981 | 6,168 | | | 136 | 484 | 209 | 1,956 |
| 07/14 | 11 | 21 | | | 1,657 | 10,661 | | | 178 | 622 | 276 | 2,319 |
| 07/15 | 10 | 15 | | | 557 | 3,655 | | | 178 | 675 | 243 | 2,061 |
| 07/16 | 1 | 1 | | | 25 | 171 | | | | | | |
| 07/22 | 5 | 6 | | | 384 | 2,540 | | | 32 | 119 | 40 | 330 |
| 07/23 | 5 | 5 | | | 404 | 2,633 | | | 58 | 140 | 34 | 270 |
| 07/24 | 4 | 4 | | | 104 | 644 | | | 9 | 24 | 23 | 194 |
| 07/29 | 1 | 1 | | | 89 | 625 | | | 127 | 300 | 43 | 430 |
| 07/30 | 2 | 2 | | | 139 | 970 | | | 165 | 625 | 87 | 765 |
| 07/31 | 2 | 2 | | | 78 | 532 | | | 85 | 252 | 50 | 368 |
| 08/01 | 2 | 2 | | | 91 | 635 | | | 173 | 658 | 73 | 626 |
| 08/05 | 2 | 2 | | | 30 | 215 | 1 | 10 | 90 | 235 | 39 | 360 |
| Total | 46 | 364 | 5 | 88 | 25,759 | 168,469 | 1 | 10 | 1,973 | 6,961 | 2,463 | 21,768 |

Appendix E.18. Commercial catches of salmon by species and date in the Unakwik District purse seine fishery, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/09 | 1 | 1 | | | 2 | 14 | | | 75 | 215 | 1,100 | 9,625 |
| 07/17 | 1 | 1 | | | 23 | 173 | | | 1,028 | 2,740 | 1,053 | 9,035 |
| 07/23 | 2 | 2 | | | 23 | 178 | | | 35 | 80 | 2,200 | 17,745 |
| 07/24 | 3 | 3 | | | | | | | 1,995 | 5,037 | 224 | 1,803 |
| 07/29 | 1 | 1 | | | 28 | 175 | | | 1,585 | 4,750 | 98 | 870 |
| Total | 6 | 8 | 0 | 0 | 76 | 540 | 0 | 0 | 4,718 | 12,822 | 4,675 | 39,078 |

Appendix E.19. Commercial catches of salmon by species, gear, and fishing period in the Coghill District, Prince William Sound, 1986.

Drift Gill Net Fisheries

| | | | | | CATCH BY SPECIES | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Chinook | | Sockeye | | Coho | | Pink | | Chums | |
| Period | Dates | Hours | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 1 | 6/16-6/19 | 87 | 164 | 704 | 80 | 1,313 | 8,539 | 58,060 | 63 | 570 | 357 | 1,525 | 13,432 | 114,566 |
| 2 | 6/23-6/26 | 87 | 244 | 1,331 | 88 | 1,364 | 52,067 | 349,617 | 51 | 414 | 3,947 | 15,822 | 31,241 | 258,516 |
| 3 | 6/30-7/04 | 111 | 340 | 2,147 | 103 | 1,708 | 144,121 | 964,040 | 33 | 238 | 3,013 | 11,776 | 59,526 | 499,147 |
| 4 | 7/07-7/10 | 87 | 344 | 1,618 | 169 | 1,773 | 86,213 | 566,518 | 88 | 690 | 7,637 | 25,952 | 48,498 | 403,294 |
| 5 | 7/14-7/16 | 87 | 289 | 977 | 76 | 805 | 53,028 | 350,790 | 79 | 536 | 5,836 | 20,062 | 23,065 | 191,054 |
| 6 | 7/22-7/25 | 81 | 239 | 850 | 71 | 721 | 26,664 | 182,302 | 70 | 486 | 16,487 | 56,329 | 29,514 | 245,087 |
| 7 | 7/28-8/01 | 111 | 149 | 518 | 28 | 254 | 10,100 | 71,250 | 250 | 2,204 | 20,888 | 77,157 | 9,506 | 77,703 |
| 8 | 8/04-8/06 | 63 | 39 | 118 | 2 | 23 | 833 | 5,934 | 155 | 1,422 | 10,722 | 37,993 | 4,189 | 33,531 |
| Drift Gill Net Total | | | 411 | 8,263 | 617 | 7,961 | 381,565 | 2,548,511 | 789 | 6,560 | 68,887 | 246,616 | 218,971 | 1,822,898 |

Purse Seine Fisheries

| | | | | | CATCH BY SPECIES | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Chinook | | Sockeye | | Coho | | Pink | | Chums | |
| Period | Dates | Hours | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 1 | 6/16-6/19 | | | | | | | | | | | | | |
| 2 | 6/23-6/26 | | | | | | | | | | | | | |
| 3 | 6/30-7/04 | | | | | | | | | | | | | |
| 4 | 7/07-7/10 | 87 | 64 | 90 | 111 | 837 | 10,012 | 61,193 | 9 | 79 | 22,094 | 63,694 | 10,417 | 90,858 |
| 5 | 7/14-7/16 | 64 | 67 | 99 | 70 | 604 | 7,529 | 47,703 | 50 | 267 | 65,440 | 166,071 | 12,601 | 116,665 |
| 6 | 7/22-7/25 | 81 | 6 | 8 | | | 328 | 1,912 | 1 | 10 | 10,119 | 29,999 | 2,305 | 20,846 |
| 7 | 7/28-8/01 | 111 | 19 | 30 | 5 | 101 | 624 | 4,092 | 38 | 354 | 45,398 | 130,820 | 1,640 | 13,552 |
| 8 | 8/04-8/06 | 63 | 1 | 1 | | | 21 | 126 | | | 2,655 | 8,495 | 115 | 1,031 |
| Purse Seine Total | | | 94 | 228 | 186 | 1,542 | 18,514 | 115,026 | 98 | 710 | 145,706 | 399,079 | 27,078 | 242,952 |

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Combined Gear

| | | CATCH BY SPECIES | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Chinook | | Sockeye | | Coho | | Pink | | Chums | |
| Period | Dates | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 1 | 6/16-6/19 | 80 | 1,313 | 8,539 | 58,060 | 63 | 570 | 357 | 1,525 | 13,432 | 114,566 |
| 2 | 6/23-6/26 | 88 | 1,364 | 52,067 | 349,617 | 51 | 414 | 3,947 | 15,822 | 31,241 | 258,516 |
| 3 | 6/30-7/04 | 103 | 1,708 | 144,121 | 964,040 | 33 | 238 | 3,013 | 11,776 | 59,526 | 499,147 |
| 4 | 7/07-7/10 | 280 | 2,610 | 96,225 | 627,711 | 97 | 769 | 29,731 | 89,646 | 58,915 | 494,152 |
| 5 | 7/14-7/16 | 146 | 1,409 | 60,557 | 398,493 | 129 | 803 | 71,276 | 186,133 | 35,666 | 307,719 |
| 6 | 7/22-7/25 | 71 | 721 | 26,992 | 184,214 | 71 | 496 | 26,606 | 86,328 | 31,819 | 265,933 |
| 7 | 7/28-8/01 | 33 | 355 | 10,724 | 75,342 | 288 | 2,558 | 66,286 | 207,977 | 11,146 | 91,255 |
| 8 | 8/04-8/06 | 2 | 23 | 854 | 6,060 | 155 | 1,422 | 13,377 | 46,488 | 4,304 | 34,562 |
| Combined Gear Total | | 803 | 9,503 | 400,079 | 2,663,537 | 887 | 7,270 | 214,593 | 645,695 | 246,049 | 2,065,850 |

Appendix E.20. Commercial catches of salmon by species and date in the Coghill District drift gill net fishery, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 06/16 | 140 | 168 | 25 | 460 | 2,226 | 15,159 | 1 | 8 | 43 | 200 | 4,078 | 34,988 |
| 06/17 | 139 | 195 | 26 | 438 | 2,025 | 13,872 | 62 | 562 | 57 | 237 | 3,446 | 28,994 |
| 06/18 | 124 | 190 | 6 | 87 | 2,178 | 14,542 | | | 132 | 535 | 3,205 | 27,596 |
| 06/19 | 93 | 151 | 23 | 328 | 2,110 | 14,487 | | | 125 | 553 | 2,703 | 22,988 |
| 06/23 | 195 | 259 | 22 | 376 | 12,473 | 83,495 | 5 | 35 | 434 | 1,771 | 6,158 | 51,322 |
| 06/24 | 212 | 335 | 15 | 211 | 13,407 | 89,485 | 16 | 115 | 976 | 3,876 | 7,588 | 63,304 |
| 06/25 | 228 | 380 | 22 | 356 | 13,058 | 87,472 | 15 | 136 | 1,280 | 5,169 | 9,576 | 78,449 |
| 06/26 | 205 | 357 | 29 | 421 | 13,129 | 89,165 | 15 | 128 | 1,257 | 5,006 | 7,919 | 65,441 |
| 06/30 | 294 | 414 | 16 | 221 | 31,236 | 209,935 | 1 | 7 | 566 | 2,252 | 12,569 | 106,568 |
| 07/01 | 311 | 462 | 30 | 433 | 44,345 | 296,797 | 10 | 68 | 587 | 2,302 | 11,168 | 94,672 |
| 07/02 | 311 | 486 | 24 | 412 | 23,937 | 159,469 | 10 | 81 | 750 | 2,986 | 15,625 | 129,286 |
| 07/03 | 251 | 378 | 21 | 404 | 16,184 | 109,098 | 9 | 62 | 498 | 1,852 | 10,519 | 88,522 |
| 07/04 | 228 | 407 | 12 | 238 | 28,419 | 188,741 | 3 | 20 | 612 | 2,384 | 9,645 | 80,099 |
| 07/07 | 283 | 350 | 28 | 359 | 26,672 | 175,109 | 14 | 141 | 900 | 3,129 | 9,916 | 83,637 |
| 07/08 | 303 | 506 | 97 | 898 | 25,412 | 166,676 | 15 | 145 | 2,780 | 9,354 | 18,776 | 155,763 |
| 07/09 | 265 | 366 | 17 | 199 | 15,589 | 102,914 | 52 | 349 | 2,197 | 7,601 | 11,516 | 95,878 |
| 07/10 | 271 | 396 | 27 | 317 | 18,540 | 121,819 | 7 | 55 | 1,760 | 5,868 | 8,290 | 68,016 |
| 07/14 | 251 | 305 | 7 | 80 | 32,427 | 212,908 | 29 | 247 | 1,599 | 5,826 | 7,207 | 60,437 |
| 07/15 | 263 | 384 | 44 | 410 | 13,969 | 93,079 | 39 | 191 | 2,445 | 8,193 | 9,804 | 80,884 |
| 07/16 | 224 | 288 | 25 | 315 | 6,632 | 44,803 | 11 | 98 | 1,792 | 6,043 | 6,054 | 49,733 |
| 07/22 | 143 | 156 | 3 | 27 | 11,150 | 75,770 | | | 1,116 | 3,692 | 2,277 | 20,224 |
| 07/23 | 184 | 243 | 45 | 420 | 8,334 | 57,107 | 11 | 103 | 5,120 | 17,384 | 10,891 | 91,839 |
| 07/24 | 203 | 284 | 19 | 240 | 4,330 | 29,744 | 18 | 155 | 6,517 | 22,077 | 11,707 | 96,022 |
| 07/25 | 118 | 167 | 4 | 34 | 2,850 | 19,681 | 41 | 228 | 3,734 | 13,176 | 4,639 | 37,002 |
| 07/28 | 134 | 178 | 2 | 38 | 4,533 | 32,105 | 16 | 129 | 3,474 | 12,566 | 1,919 | 15,903 |
| 07/29 | 107 | 153 | 16 | 137 | 2,806 | 19,672 | 38 | 324 | 5,292 | 19,569 | 2,844 | 23,265 |
| 07/30 | 65 | 87 | | | 1,495 | 10,567 | 63 | 546 | 5,362 | 20,191 | 2,053 | 17,131 |
| 07/31 | 42 | 64 | 8 | 68 | 858 | 6,037 | 55 | 501 | 4,547 | 16,899 | 1,438 | 11,263 |
| 08/01 | 30 | 36 | 2 | 11 | 408 | 2,869 | 78 | 704 | 2,213 | 7,932 | 1,252 | 10,141 |
| 08/04 | 33 | 42 | 2 | 23 | 399 | 2,880 | 20 | 184 | 3,564 | 12,604 | 1,604 | 12,840 |
| 08/05 | 29 | 47 | | | 298 | 2,119 | 75 | 665 | 4,425 | 15,816 | 1,588 | 12,842 |
| 08/06 | 18 | 29 | | | 136 | 935 | 60 | 573 | 2,733 | 9,573 | 997 | 7,849 |
| Total | 411 | 8,263 | 617 | 7,961 | 381,565 | 2,548,511 | 789 | 6,560 | 68,887 | 246,616 | 218,971 | 1,822,898 |

Appendix E.21. Commercial catches of salmon by species and date in the Coghill District drift gill net fishery, Statistical Area 223-10, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 06/16 | 2 | 2 | | | 14 | 90 | | | | | 45 | 402 |
| 06/17 | 3 | 3 | | | 40 | 311 | | | | | 51 | 488 |
| 06/18 | 17 | 19 | | | 184 | 1,323 | | | 26 | 97 | 522 | 4,238 |
| 06/19 | 20 | 26 | 9 | 116 | 388 | 2,695 | | | 39 | 175 | 541 | 4,515 |
| 06/24 | 2 | 2 | | | 44 | 293 | | | 10 | 43 | 37 | 302 |
| 06/25 | 8 | 8 | 1 | 40 | 228 | 1,597 | | | 9 | 34 | 113 | 964 |
| 06/26 | 13 | 19 | 6 | 74 | 660 | 4,471 | 2 | 12 | 17 | 58 | 191 | 1,575 |
| 06/30 | 11 | 14 | 2 | 35 | 391 | 2,617 | 1 | 7 | 31 | 120 | 264 | 2,223 |
| 07/01 | 6 | 8 | 1 | 15 | 156 | 1,015 | | | | | 288 | 2,467 |
| 07/02 | 12 | 12 | | | 323 | 2,127 | 1 | 9 | 14 | 47 | 297 | 2,370 |
| 07/03 | 13 | 16 | 1 | 16 | 247 | 1,592 | | | 44 | 158 | 389 | 3,370 |
| 07/04 | 4 | 4 | 4 | 77 | 57 | 381 | | | 17 | 70 | 214 | 1,830 |
| 07/07 | 11 | 11 | 4 | 76 | 1,010 | 6,654 | 2 | 13 | 51 | 187 | 442 | 3,845 |
| 07/08 | 15 | 16 | 1 | 10 | 988 | 6,531 | 1 | 5 | 163 | 551 | 503 | 4,241 |
| 07/09 | 11 | 12 | | | 316 | 2,074 | | | 61 | 200 | 339 | 2,820 |
| 07/10 | 16 | 20 | 2 | 16 | 490 | 3,206 | | | 69 | 225 | 235 | 2,038 |
| 07/14 | 6 | 6 | | | 629 | 4,259 | | | 26 | 87 | 161 | 1,374 |
| 07/15 | 21 | 21 | 21 | 168 | 1,543 | 10,228 | 6 | 32 | 173 | 581 | 1,020 | 8,767 |
| 07/16 | 34 | 36 | 4 | 49 | 879 | 5,920 | | | 294 | 985 | 760 | 6,334 |
| 07/22 | 1 | 1 | | | 18 | 120 | | | 105 | 294 | 73 | 570 |
| 07/23 | 32 | 34 | 3 | 18 | 808 | 5,536 | 1 | 16 | 642 | 2,095 | 1,473 | 12,533 |
| 07/24 | 44 | 46 | 5 | 53 | 584 | 4,013 | 7 | 58 | 1,114 | 3,818 | 2,292 | 18,880 |
| 07/25 | 3 | 3 | | | 29 | 212 | | | 12 | 46 | 29 | 232 |
| 07/28 | 7 | 7 | | | 175 | 1,223 | | | 189 | 708 | 106 | 839 |
| 07/29 | 9 | 9 | | | 94 | 684 | | | 245 | 939 | 162 | 1,390 |
| 07/30 | 2 | 3 | | | 12 | 102 | | | 222 | 806 | 107 | 902 |
| 07/31 | 2 | 2 | | | 32 | 257 | | | 12 | 40 | 38 | 309 |
| 08/01 | 3 | 3 | 1 | 3 | 26 | 199 | 8 | 69 | 50 | 186 | 147 | 1,191 |
| 08/04 | 3 | 3 | | | 28 | 188 | 2 | 14 | 169 | 625 | 101 | 859 |
| 08/05 | 1 | 1 | | | | | | | 34 | 124 | 24 | 188 |
| 08/06 | 4 | 6 | | | 12 | 79 | 27 | 254 | 226 | 848 | 355 | 2,764 |
| Total | 177 | 373 | 65 | 766 | 10,405 | 69,997 | 58 | 489 | 4,064 | 14,147 | 11,319 | 94,820 |

Appendix E.22. Commercial catches of salmon by species and date in the Coghill District drift gill net fishery, Statistical Area 223-20, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 06/16 | 24 | 24 | 6 | 100 | 363 | 2,517 | | | 18 | 89 | 965 | 8,457 |
| 06/17 | 27 | 36 | 8 | 165 | 515 | 3,590 | 22 | 185 | 5 | 24 | 643 | 5,451 |
| 06/18 | 27 | 41 | 1 | 15 | 521 | 3,514 | | | 23 | 103 | 686 | 5,926 |
| 06/19 | 24 | 34 | 3 | 50 | 500 | 3,370 | | | 21 | 105 | 724 | 6,122 |
| 06/23 | 32 | 39 | 7 | 142 | 2,514 | 17,075 | | | 68 | 309 | 1,120 | 9,540 |
| 06/24 | 49 | 61 | 1 | 30 | 2,272 | 15,102 | 1 | 11 | 176 | 768 | 1,324 | 11,009 |
| 06/25 | 45 | 63 | 7 | 110 | 1,964 | 13,122 | | | 226 | 1,015 | 1,383 | 11,578 |
| 06/26 | 27 | 37 | 2 | 35 | 1,033 | 6,864 | | | 161 | 774 | 858 | 7,020 |
| 06/30 | 12 | 12 | | | 905 | 5,831 | | | 24 | 88 | 217 | 1,881 |
| 07/01 | 15 | 15 | 3 | 41 | 1,124 | 7,327 | | | 22 | 90 | 88 | 731 |
| 07/02 | 37 | 45 | | | 1,915 | 12,152 | | | 41 | 170 | 317 | 2,737 |
| 07/03 | 7 | 9 | 3 | 56 | 166 | 1,086 | 2 | 17 | 5 | 18 | 151 | 1,242 |
| 07/04 | 9 | 9 | | | 388 | 2,583 | | | 13 | 43 | 48 | 388 |
| 07/07 | 1 | 1 | | | 136 | 906 | | | | | 4 | 44 |
| 07/08 | 30 | 35 | 20 | 161 | 1,786 | 11,440 | | | 141 | 479 | 712 | 6,056 |
| 07/09 | 9 | 9 | 1 | 15 | 286 | 1,837 | | | 53 | 168 | 124 | 1,039 |
| 07/10 | 10 | 11 | | | 447 | 2,960 | | | 66 | 263 | 126 | 1,189 |
| 07/14 | 13 | 13 | 3 | 20 | 584 | 3,830 | 17 | 188 | 115 | 416 | 316 | 2,703 |
| 07/15 | 11 | 11 | 2 | 22 | 238 | 1,659 | 1 | 9 | 32 | 104 | 188 | 1,526 |
| 07/16 | 4 | 4 | | | 39 | 240 | | | 21 | 71 | 60 | 486 |
| 07/22 | 19 | 19 | 1 | 15 | 1,103 | 7,425 | | | 713 | 2,363 | 393 | 3,426 |
| 07/23 | 40 | 44 | 6 | 52 | 1,257 | 8,658 | 2 | 17 | 975 | 3,320 | 1,955 | 16,132 |
| 07/24 | 34 | 35 | 1 | 10 | 434 | 2,841 | | | 1,057 | 3,303 | 1,481 | 12,467 |
| 07/25 | 18 | 21 | | | 381 | 2,489 | 25 | 75 | 578 | 1,887 | 609 | 5,210 |
| 07/28 | 15 | 15 | 1 | 20 | 301 | 2,115 | 4 | 32 | 199 | 716 | 150 | 1,228 |
| 07/29 | 3 | 3 | | | 72 | 542 | | | 204 | 725 | 53 | 495 |
| 07/30 | 5 | 5 | | | 39 | 268 | | | 326 | 1,232 | 111 | 981 |
| 07/31 | 7 | 10 | 3 | 20 | 86 | 571 | 9 | 83 | 536 | 1,938 | 348 | 2,773 |
| 08/01 | 3 | 3 | 1 | 8 | 14 | 88 | 6 | 52 | 90 | 347 | 55 | 425 |
| 08/04 | 4 | 5 | | | 9 | 49 | 3 | 31 | 251 | 936 | 105 | 838 |
| 08/05 | 5 | 5 | | | 48 | 345 | 15 | 122 | 419 | 1,424 | 237 | 1,968 |
| 08/06 | 1 | 1 | | | | | | | 7 | 29 | 14 | 113 |
| Total | 228 | 675 | 80 | 1,087 | 21,440 | 142,396 | 107 | 822 | 6,586 | 23,317 | 15,565 | 131,181 |

Appendix E.23. Commercial catches of salmon by species and date in the Coghill District drift gill net fishery, Statistical Area 223-30, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 06/16 | 42 | 48 | 7 | 142 | 924 | 6,272 | | | 3 | 14 | 543 | 4,719 |
| 06/17 | 45 | 52 | 7 | 112 | 798 | 5,392 | 1 | 7 | 13 | 58 | 410 | 3,454 |
| 06/18 | 27 | 33 | 1 | 7 | 590 | 3,800 | | | | | 131 | 1,049 |
| 06/19 | 5 | 6 | | | 46 | 321 | | | 4 | 20 | 61 | 508 |
| 06/23 | 74 | 94 | 5 | 52 | 4,270 | 28,893 | | | 34 | 132 | 697 | 5,902 |
| 06/24 | 78 | 100 | 6 | 55 | 4,658 | 31,327 | | | 71 | 286 | 737 | 6,392 |
| 06/25 | 54 | 60 | 4 | 30 | 2,234 | 15,026 | 7 | 67 | 76 | 317 | 560 | 4,775 |
| 06/26 | 62 | 81 | | | 3,323 | 22,867 | | | 127 | 500 | 824 | 7,022 |
| 06/30 | 135 | 177 | 6 | 78 | 19,937 | 134,287 | | | 68 | 267 | 1,014 | 9,275 |
| 07/01 | 154 | 201 | 11 | 149 | 31,013 | 207,731 | | | 85 | 320 | 1,058 | 9,474 |
| 07/02 | 55 | 62 | 7 | 112 | 2,030 | 13,217 | | | 57 | 220 | 819 | 7,035 |
| 07/03 | 51 | 65 | 1 | 20 | 1,485 | 9,994 | 1 | 6 | 46 | 167 | 452 | 4,066 |
| 07/04 | 20 | 30 | 3 | 63 | 1,155 | 7,676 | | | 23 | 91 | 214 | 1,848 |
| 07/07 | 174 | 210 | 15 | 171 | 18,238 | 119,738 | 12 | 128 | 114 | 390 | 855 | 8,145 |
| 07/08 | 93 | 111 | 29 | 255 | 5,501 | 35,670 | 9 | 106 | 374 | 1,249 | 1,447 | 12,468 |
| 07/09 | 84 | 98 | 7 | 56 | 4,238 | 27,733 | 49 | 330 | 489 | 1,820 | 2,036 | 18,434 |
| 07/10 | 58 | 67 | 8 | 75 | 2,869 | 18,505 | | | 210 | 723 | 719 | 6,256 |
| 07/14 | 148 | 167 | 4 | 60 | 24,497 | 160,647 | | | 256 | 1,016 | 1,518 | 13,489 |
| 07/15 | 92 | 114 | 13 | 110 | 4,105 | 27,108 | 6 | 44 | 424 | 1,399 | 1,832 | 16,023 |
| 07/16 | 45 | 57 | 10 | 108 | 1,165 | 7,836 | 3 | 25 | 337 | 1,086 | 795 | 6,827 |
| 07/22 | 121 | 127 | | | 9,763 | 66,436 | | | 247 | 837 | 1,629 | 14,659 |
| 07/23 | 111 | 126 | 32 | 305 | 5,382 | 36,727 | 5 | 38 | 2,458 | 8,450 | 5,422 | 46,831 |
| 07/24 | 60 | 67 | 4 | 45 | 945 | 6,464 | 4 | 40 | 1,821 | 6,423 | 2,741 | 23,024 |
| 07/25 | 41 | 44 | | | 613 | 4,214 | 1 | 5 | 655 | 2,338 | 1,033 | 8,488 |
| 07/28 | 86 | 102 | | | 2,861 | 20,351 | 5 | 42 | 1,201 | 4,283 | 635 | 5,542 |
| 07/29 | 58 | 68 | 8 | 64 | 1,113 | 7,747 | 9 | 79 | 1,621 | 5,874 | 1,050 | 8,836 |
| 07/30 | 28 | 35 | | | 437 | 3,094 | 2 | 19 | 1,141 | 4,172 | 565 | 4,993 |
| 07/31 | 4 | 4 | | | 72 | 518 | 2 | 21 | 20 | 71 | 32 | 312 |
| 08/01 | 5 | 5 | | | 54 | 367 | 5 | 39 | 110 | 378 | 65 | 531 |
| 08/04 | 14 | 16 | 1 | 10 | 134 | 986 | 4 | 43 | 801 | 2,646 | 572 | 4,756 |
| 08/05 | 12 | 16 | | | 46 | 316 | | | 1,233 | 4,303 | 634 | 5,225 |
| 08/06 | 8 | 10 | | | 54 | 376 | 4 | 34 | 885 | 3,168 | 276 | 2,195 |
| Total | 364 | 2,453 | 189 | 2,079 | 154,550 | 1,031,636 | 129 | 1,073 | 15,004 | 53,018 | 31,376 | 272,553 |

Appendix E.24. Commercial catches of salmon by species and date in the Coghill District drift gill net fishery, Statistical Area 223-40, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 06/16 | 82 | 94 | 12 | 218 | 925 | 6,280 | 1 | 8 | 22 | 97 | 2,525 | 21,410 |
| 06/17 | 74 | 104 | 11 | 161 | 672 | 4,579 | 39 | 370 | 39 | 155 | 2,342 | 19,601 |
| 06/18 | 68 | 97 | 4 | 65 | 883 | 5,905 | | | 83 | 335 | 1,866 | 16,383 |
| 06/19 | 57 | 85 | 11 | 162 | 1,176 | 8,101 | | | 61 | 253 | 1,377 | 11,843 |
| 06/23 | 101 | 126 | 10 | 182 | 5,689 | 37,527 | 5 | 35 | 332 | 1,330 | 4,341 | 35,880 |
| 06/24 | 120 | 172 | 8 | 126 | 6,433 | 42,763 | 15 | 104 | 719 | 2,779 | 5,490 | 45,601 |
| 06/25 | 153 | 249 | 10 | 176 | 8,632 | 57,727 | 8 | 69 | 969 | 3,803 | 7,520 | 61,132 |
| 06/26 | 140 | 220 | 21 | 312 | 8,113 | 54,963 | 13 | 116 | 952 | 3,674 | 6,046 | 49,824 |
| 06/30 | 156 | 211 | 8 | 108 | 10,003 | 67,200 | | | 443 | 1,777 | 11,074 | 93,189 |
| 07/01 | 161 | 238 | 15 | 228 | 12,052 | 80,724 | 10 | 68 | 480 | 1,892 | 9,734 | 82,000 |
| 07/02 | 241 | 367 | 17 | 300 | 19,669 | 131,973 | 9 | 72 | 638 | 2,549 | 14,192 | 117,144 |
| 07/03 | 194 | 288 | 16 | 312 | 14,286 | 96,426 | 6 | 39 | 403 | 1,509 | 9,527 | 79,844 |
| 07/04 | 212 | 364 | 5 | 98 | 26,819 | 178,101 | 3 | 20 | 559 | 2,180 | 9,169 | 76,033 |
| 07/07 | 109 | 128 | 9 | 112 | 7,288 | 47,811 | | | 735 | 2,552 | 8,615 | 71,603 |
| 07/08 | 221 | 344 | 47 | 472 | 17,137 | 113,035 | 5 | 34 | 2,102 | 7,075 | 16,114 | 132,998 |
| 07/09 | 181 | 247 | 9 | 128 | 10,749 | 71,270 | 3 | 19 | 1,594 | 5,413 | 9,017 | 73,585 |
| 07/10 | 210 | 298 | 17 | 226 | 14,734 | 97,148 | 7 | 55 | 1,415 | 4,657 | 7,210 | 58,533 |
| 07/14 | 97 | 119 | | | 6,717 | 44,172 | 12 | 59 | 1,202 | 4,307 | 5,212 | 42,871 |
| 07/15 | 161 | 238 | 8 | 110 | 8,083 | 54,084 | 26 | 106 | 1,816 | 6,109 | 6,764 | 54,568 |
| 07/16 | 157 | 191 | 11 | 158 | 4,549 | 30,807 | 8 | 73 | 1,140 | 3,901 | 4,439 | 36,086 |
| 07/22 | 8 | 9 | 2 | 12 | 266 | 1,789 | | | 51 | 198 | 182 | 1,569 |
| 07/23 | 36 | 39 | 4 | 45 | 887 | 6,186 | 3 | 32 | 1,045 | 3,519 | 2,041 | 16,343 |
| 07/24 | 99 | 136 | 9 | 132 | 2,367 | 16,426 | 7 | 57 | 2,525 | 8,533 | 5,193 | 41,651 |
| 07/25 | 73 | 99 | 4 | 34 | 1,827 | 12,766 | 15 | 148 | 2,489 | 8,905 | 2,968 | 23,072 |
| 07/28 | 43 | 54 | 1 | 18 | 1,196 | 8,416 | 7 | 55 | 1,885 | 6,859 | 1,028 | 8,294 |
| 07/29 | 50 | 73 | 8 | 73 | 1,527 | 10,699 | 29 | 245 | 3,222 | 12,031 | 1,579 | 12,544 |
| 07/30 | 33 | 44 | | | 1,007 | 7,103 | 61 | 527 | 3,673 | 13,981 | 1,270 | 10,255 |
| 07/31 | 29 | 48 | 5 | 48 | 668 | 4,691 | 44 | 397 | 3,979 | 14,850 | 1,020 | 7,869 |
| 08/01 | 20 | 25 | | | 314 | 2,215 | 59 | 544 | 1,963 | 7,021 | 985 | 7,994 |
| 08/04 | 13 | 18 | 1 | 13 | 228 | 1,657 | 11 | 96 | 2,343 | 8,397 | 826 | 6,387 |
| 08/05 | 16 | 25 | | | 204 | 1,458 | 60 | 543 | 2,739 | 9,965 | 693 | 5,461 |
| 08/06 | 9 | 12 | | | 70 | 480 | 29 | 285 | 1,615 | 5,528 | 352 | 2,777 |
| Total | 378 | 4,762 | 283 | 4,029 | 195,170 | 1,304,482 | 495 | 4,176 | 43,233 | 156,134 | 160,711 | 1,324,344 |

Appendix E.25. Commercial catches of salmon by species and date in the Coghill District purse seine fishery, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/07 | 44 | 45 | 32 | 267 | 5,256 | 32,465 | 7 | 63 | 6,599 | 18,964 | 3,328 | 29,875 |
| 07/08 | 41 | 41 | 79 | 570 | 4,396 | 26,050 | 2 | 16 | 14,631 | 42,173 | 6,604 | 57,099 |
| 07/09 | 3 | 4 | | | 360 | 2,678 | | | 864 | 2,557 | 485 | 3,884 |
| 07/14 | 49 | 50 | 45 | 341 | 1,755 | 10,898 | 36 | 191 | 27,096 | 69,679 | 5,001 | 48,139 |
| 07/15 | 33 | 34 | 16 | 144 | 4,866 | 31,211 | 13 | 66 | 29,260 | 74,033 | 4,208 | 40,841 |
| 07/16 | 15 | 15 | 9 | 119 | 908 | 5,594 | 1 | 10 | 9,084 | 22,359 | 3,392 | 27,685 |
| 07/22 | 4 | 4 | | | 226 | 1,295 | | | 4,041 | 12,125 | 602 | 4,805 |
| 07/23 | 2 | 2 | | | 2 | 16 | 1 | 10 | 841 | 3,347 | 1,255 | 12,300 |
| 07/24 | 1 | 1 | | | | | | | 2,500 | 6,315 | 90 | 702 |
| 07/25 | 1 | 1 | | | 100 | 601 | | | 2,737 | 8,212 | 358 | 3,039 |
| 07/28 | 8 | 8 | 1 | 10 | 226 | 1,573 | 7 | 70 | 10,768 | 31,254 | 437 | 3,460 |
| 07/29 | 4 | 4 | 1 | 21 | 206 | 1,303 | 2 | 15 | 3,763 | 11,471 | 95 | 769 |
| 07/31 | 13 | 18 | 3 | 70 | 192 | 1,216 | 29 | 269 | 30,867 | 88,095 | 1,108 | 9,323 |
| 08/06 | 1 | 1 | | | 21 | 126 | | | 2,655 | 8,495 | 115 | 1,031 |
| Total | 94 | 228 | 186 | 1,542 | 18,514 | 115,026 | 98 | 710 | 145,706 | 399,079 | 27,078 | 242,952 |

Appendix E.26. Commercial catches of salmon by species and date in the Coghill District purse seine fishery, Statistical Area 223-10, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/07 | 18 | 18 | 21 | 150 | 2,115 | 13,630 | 1 | 8 | 2,690 | 7,066 | 1,340 | 12,602 |
| 07/08 | 12 | 12 | 6 | 55 | 305 | 1,837 | | | 1,032 | 2,620 | 657 | 6,549 |
| 07/14 | 13 | 13 | 6 | 68 | 285 | 1,893 | 2 | 14 | 10,560 | 26,717 | 2,582 | 25,558 |
| 07/15 | 8 | 8 | 8 | 86 | 745 | 5,092 | 1 | 6 | 8,751 | 20,261 | 1,549 | 15,547 |
| 07/22 | 3 | 3 | | | 96 | 645 | | | 3,574 | 10,725 | 558 | 4,450 |
| 07/28 | 4 | 4 | | | 17 | 114 | 1 | 10 | 5,626 | 16,356 | 228 | 1,862 |
| Total | 30 | 58 | 41 | 359 | 3,563 | 23,211 | 5 | 38 | 32,233 | 83,745 | 6,914 | 66,568 |

Appendix E.27. Commercial catches of salmon by species and date in the Coghill District purse seine fishery, Statistical Area 223-20, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/07 | 1 | 1 | | | 3 | 17 | | | 8 | 29 | 5 | 44 |
| 07/08 | 3 | 3 | 43 | 260 | 418 | 2,524 | | | 1,656 | 4,382 | 558 | 5,636 |
| 07/14 | 4 | 4 | | | 116 | 768 | | | 694 | 2,030 | 177 | 1,433 |
| 07/15 | 4 | 4 | | | 494 | 3,456 | | | 2,815 | 9,010 | 313 | 2,499 |
| 07/16 | 1 | 1 | | | 5 | 29 | | | 616 | 1,592 | 520 | 4,161 |
| 07/24 | 1 | 1 | | | | | | | 2,500 | 6,315 | 90 | 702 |
| Total | 13 | 14 | 43 | 260 | 1,036 | 6,794 | 0 | 0 | 8,289 | 23,358 | 1,663 | 14,475 |

Appendix E.28. Commercial catches of salmon by species and date in the Coghill District purse seine fishery, Statistical Area 223-30, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/07 | 7 | 7 | 1 | 30 | 1,565 | 9,786 | 6 | 55 | 509 | 1,850 | 311 | 2,889 |
| 07/14 | 6 | 6 | | | 329 | 1,912 | | | 1,611 | 4,825 | 230 | 2,051 |
| 07/15 | 1 | 1 | | | 27 | 190 | | | 240 | 600 | | |
| 07/23 | 1 | 1 | | | | | | | 832 | 3,320 | 1,255 | 12,300 |
| 07/29 | 1 | 1 | | | | | | | 170 | 1,000 | | |
| Total | 14 | 16 | 1 | 30 | 1,921 | 11,888 | 6 | 55 | 3,362 | 11,595 | 1,796 | 17,240 |

Appendix E.29. Commercial catches of salmon by species and date in the Coghill District purse seine fishery, Statistical Area 223-40, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/07 | 19 | 19 | 10 | 87 | 1,573 | 9,032 | | | 3,392 | 10,019 | 1,672 | 14,340 |
| 07/08 | 26 | 26 | 30 | 255 | 3,673 | 21,689 | 2 | 16 | 11,943 | 35,171 | 5,389 | 44,914 |
| 07/09 | 3 | 4 | | | 360 | 2,678 | | | 864 | 2,557 | 485 | 3,884 |
| 07/14 | 27 | 27 | 39 | 273 | 1,025 | 6,325 | 34 | 177 | 14,231 | 36,107 | 2,012 | 19,097 |
| 07/15 | 20 | 21 | 8 | 58 | 3,600 | 22,473 | 12 | 60 | 17,454 | 44,162 | 2,346 | 22,795 |
| 07/16 | 14 | 14 | 9 | 119 | 903 | 5,565 | 1 | 10 | 8,468 | 20,767 | 2,872 | 23,524 |
| 07/22 | 1 | 1 | | | 130 | 650 | | | 467 | 1,400 | 44 | 355 |
| 07/23 | 1 | 1 | | | 2 | 16 | 1 | 10 | 9 | 27 | | |
| 07/25 | 1 | 1 | | | 100 | 601 | | | 2,737 | 8,212 | 358 | 3,039 |
| 07/28 | 4 | 4 | 1 | 10 | 209 | 1,459 | 6 | 60 | 5,142 | 14,898 | 209 | 1,598 |
| 07/29 | 3 | 3 | 1 | 21 | 206 | 1,303 | 2 | 15 | 3,593 | 10,471 | 95 | 769 |
| 07/31 | 13 | 18 | 3 | 70 | 192 | 1,216 | 29 | 269 | 30,867 | 88,095 | 1,108 | 9,323 |
| 08/06 | 1 | 1 | | | 21 | 126 | | | 2,655 | 8,495 | 115 | 1,031 |
| Total | 75 | 140 | 101 | 893 | 11,994 | 73,133 | 87 | 617 | 101,822 | 280,381 | 16,705 | 144,669 |

Appendix E.30. Commercial catches of salmon by species and fishing period in the Northwestern District purse seine fishery, Prince William Sound, 1986.

| | | | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Chinook | | Sockeye | | Coho | | Pink | | Chums | |
| Period | Dates | Hours | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 3 | 7/16-7/18 | 63 | 100 | 113 | 9 | 88 | 1,573 | 9,890 | 27 | 236 | 53,171 | 151,764 | 39,769 | 335,596 |
| 4 | 7/23-7/25 | 63 | 25 | 47 | 10 | 94 | 2,132 | 13,084 | 49 | 390 | 84,051 | 251,545 | 24,057 | 195,563 |
| 5 | 7/29-7/31 | 63 | 25 | 44 | 10 | 82 | 670 | 4,190 | 30 | 284 | 89,938 | 274,357 | 7,163 | 55,508 |
| 6 | 8/04-8/06 | 63 | 9 | 18 | | | 308 | 1,630 | 97 | 796 | 38,760 | 134,897 | 2,975 | 22,029 |
| 7 | 8/11-8/15 | 111 | 5 | 8 | | | 131 | 572 | 63 | 410 | 19,264 | 65,286 | 1,100 | 7,697 |
| Total | | 363 | 115 | 230 | 29 | 264 | 4,814 | 29,366 | 266 | 2,116 | 285,184 | 877,849 | 75,064 | 616,393 |

Appendix E.31. Commercial catches of salmon by species and date in the Northwestern District purse seine fishery, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/16 | 98 | 99 | 6 | 67 | 1,300 | 8,340 | 13 | 79 | 43,699 | 119,221 | 31,042 | 265,409 |
| 07/17 | 6 | 6 | | | 179 | 757 | 9 | 82 | 4,032 | 15,238 | 3,669 | 29,685 |
| 07/18 | 7 | 8 | 3 | 21 | 94 | 793 | 5 | 75 | 5,440 | 17,305 | 5,058 | 40,502 |
| 07/23 | 14 | 16 | 9 | 81 | 466 | 2,595 | 22 | 162 | 22,902 | 63,961 | 7,012 | 54,997 |
| 07/24 | 13 | 14 | | | 667 | 3,482 | 2 | 15 | 28,133 | 80,548 | 10,808 | 89,352 |
| 07/25 | 16 | 17 | 1 | 13 | 999 | 7,007 | 25 | 213 | 33,016 | 107,036 | 6,237 | 51,214 |
| 07/29 | 19 | 23 | 9 | 76 | 321 | 2,067 | 14 | 138 | 46,936 | 135,996 | 3,453 | 27,858 |
| 07/30 | 12 | 15 | 1 | 6 | 245 | 1,459 | 7 | 53 | 35,151 | 109,769 | 2,954 | 22,175 |
| 07/31 | 6 | 6 | | | 104 | 664 | 9 | 93 | 7,851 | 28,592 | 756 | 5,475 |
| 08/04 | 6 | 6 | | | 184 | 948 | 55 | 526 | 21,532 | 74,655 | 1,625 | 12,155 |
| 08/05 | 7 | 7 | | | 90 | 492 | 42 | 270 | 11,976 | 43,136 | 876 | 6,551 |
| 08/06 | 5 | 5 | | | 34 | 190 | | | 5,252 | 17,106 | 474 | 3,323 |
| 08/11 | 5 | 5 | | | 101 | 406 | 63 | 410 | 14,517 | 48,605 | 827 | 5,783 |
| 08/12 | 3 | 3 | | | 30 | 166 | | | 4,747 | 16,681 | 273 | 1,914 |
| Total | 115 | 230 | 29 | 264 | 4,814 | 29,366 | 266 | 2,116 | 285,184 | 877,849 | 75,064 | 616,393 |

Appendix E.32. Commercial catches of salmon by species and date in the Northwestern District purse seine fishery, Statistical Area 224-10, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/16 | 6 | 6 | | | 113 | 744 | | | 3,694 | 11,398 | 2,279 | 20,609 |
| Total | 6 | 6 | 0 | 0 | 113 | 744 | 0 | 0 | 3,694 | 11,398 | 2,279 | 20,609 |

Appendix E.33. Commercial catches of salmon by species and date in the Northwestern District purse seine fishery, Statistical Area 224-20, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/23 | 1 | 1 | | | 22 | 116 | 5 | 24 | 1,423 | 2,883 | 166 | 1,002 |
| 07/24 | 2 | 2 | | | 72 | 433 | | | 2,481 | 6,163 | 710 | 5,678 |
| 07/25 | 4 | 5 | | | 509 | 3,559 | | | 12,927 | 50,507 | 2,252 | 17,922 |
| 07/29 | 14 | 14 | 8 | 36 | 230 | 1,537 | 10 | 103 | 18,788 | 58,480 | 1,250 | 10,167 |
| 07/30 | 4 | 4 | | | 123 | 849 | | | 11,499 | 40,196 | 801 | 6,363 |
| 07/31 | 3 | 3 | | | 61 | 417 | | | 4,217 | 15,536 | 384 | 2,986 |
| 08/04 | 3 | 3 | | | 70 | 496 | 30 | 303 | 12,186 | 44,952 | 739 | 5,911 |
| 08/05 | 4 | 4 | | | 44 | 301 | | | 7,165 | 27,190 | 488 | 3,835 |
| 08/06 | 1 | 1 | | | 2 | 11 | | | 613 | 1,863 | 25 | 184 |
| Total | 18 | 37 | 8 | 36 | 1,133 | 7,719 | 45 | 430 | 71,299 | 247,770 | 6,815 | 54,048 |

Appendix E.34. Commercial catches of salmon by species and date in the Northwestern District purse seine fishery, Statistical Area 224-30, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/23 | 2 | 3 | | | 4 | 24 | | | 3,742 | 11,225 | 2,215 | 17,680 |
| 07/25 | 1 | 1 | | | 110 | 750 | | | 2,172 | 7,169 | 332 | 2,827 |
| Total | 2 | 4 | 0 | 0 | 114 | 774 | 0 | 0 | 5,914 | 18,394 | 2,547 | 20,507 |

Appendix E.35. Commercial catches of salmon by species and date in the Northwestern District purse seine fishery, Statistical Area 224-40, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/16 | 93 | 93 | 6 | 67 | 1,187 | 7,596 | 13 | 79 | 40,005 | 107,823 | 28,763 | 244,800 |
| 07/17 | 6 | 6 | | | 179 | 757 | 9 | 82 | 4,032 | 15,238 | 3,669 | 29,685 |
| 07/18 | 7 | 8 | 3 | 21 | 94 | 793 | 5 | 75 | 5,440 | 17,305 | 5,058 | 40,502 |
| 07/23 | 11 | 12 | 9 | 81 | 440 | 2,455 | 17 | 138 | 17,737 | 49,853 | 4,631 | 36,315 |
| 07/24 | 11 | 12 | | | 595 | 3,049 | 2 | 15 | 25,652 | 74,385 | 10,098 | 83,674 |
| 07/25 | 11 | 11 | 1 | 13 | 380 | 2,698 | 25 | 213 | 17,917 | 49,360 | 3,653 | 30,465 |
| 07/29 | 9 | 9 | 1 | 40 | 91 | 530 | 4 | 35 | 28,148 | 77,516 | 2,203 | 17,691 |
| 07/30 | 8 | 11 | 1 | 6 | 122 | 610 | 7 | 53 | 23,652 | 69,573 | 2,153 | 15,812 |
| 07/31 | 3 | 3 | | | 43 | 247 | 9 | 93 | 3,634 | 13,056 | 372 | 2,489 |
| 08/04 | 3 | 3 | | | 114 | 452 | 25 | 223 | 9,346 | 29,703 | 886 | 6,244 |
| 08/05 | 3 | 3 | | | 46 | 191 | 42 | 270 | 4,811 | 15,946 | 388 | 2,716 |
| 08/06 | 4 | 4 | | | 32 | 179 | | | 4,639 | 15,243 | 449 | 3,139 |
| 08/11 | 5 | 5 | | | 101 | 406 | 63 | 410 | 14,517 | 48,605 | 827 | 5,783 |
| 08/12 | 3 | 3 | | | 30 | 166 | | | 4,747 | 16,681 | 273 | 1,914 |
| Total | 105 | 183 | 21 | 228 | 3,454 | 20,129 | 221 | 1,686 | 204,277 | 600,287 | 63,423 | 521,229 |

Appendix E.36. Commercial catches of salmon by species, gear, and fishing period in the Eshamy District, Prince William Sound, 1986.

Drift Gill Net Fisheries

| | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Chinook | | Sockeye | | Coho | | Pink | | Chums | |
| Period | Dates | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 1 | 7/28-8/02 | | | 2 | 14 | | | 143 | 477 | 44 | 325 |
| 2 | 8/03-8/09 | | | | | | | | | | |
| 3 | 8/10-8/16 | | | 2 | 15 | 1 | 10 | 795 | 2,560 | 21 | 152 |
| 4 | 8/17-8/23 | | | | | | | | | | |
| 5 | 8/24-8/29 | | | | | | | | | | |
| Drift Gill Net Total | | | | 4 | 29 | 1 | 10 | 938 | 3,037 | 65 | 477 |

Set Gill Net Fisheries

| | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Chinook | | Sockeye | | Coho | | Pink | | Chums | |
| Period | Dates | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 1 | 07/28-08/02 | 3 | 80 | 193 | 1,286 | 3 | 30 | 5,597 | 17,318 | 1,557 | 11,908 |
| 2 | 08/03-08/09 | 1 | 18 | 255 | 1,649 | 1 | 12 | 8,137 | 26,664 | 2,019 | 14,816 |
| 3 | 08/10-08/16 | 2 | 38 | 237 | 1,499 | 41 | 374 | 17,449 | 60,939 | 1,258 | 9,387 |
| 4 | 08/17-08/23 | 3 | 28 | 336 | 2,257 | 39 | 400 | 10,085 | 36,833 | 870 | 6,582 |
| 5 | 08/24-08/29 | | | 22 | 152 | 2 | 22 | 855 | 3,031 | 60 | 416 |
| Set Gill Net Total | | 9 | 164 | 1,043 | 6,843 | 86 | 838 | 42,123 | 144,785 | 5,764 | 43,109 |

-Continued-

Appendix E.36. (page 2 of 2)

All Fisheries Combined

| | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Chinook | | Sockeye | | Coho | | Pink | | Chums | |
| Period | Dates | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 1 | 07/28-08/02 | 3 | 80 | 195 | 1,300 | 3 | 30 | 5,740 | 17,795 | 1,601 | 12,233 |
| 2 | 08/03-08/09 | 1 | 18 | 255 | 1,649 | 1 | 12 | 8,137 | 26,664 | 2,019 | 14,816 |
| 3 | 08/10-08/16 | 2 | 38 | 239 | 1,514 | 42 | 384 | 18,244 | 63,499 | 1,279 | 9,539 |
| 4 | 08/17-08/23 | 3 | 28 | 336 | 2,257 | 39 | 400 | 10,085 | 36,833 | 870 | 6,582 |
| 5 | 08/24-08/29 | 0 | 0 | 22 | 152 | 2 | 22 | 855 | 3,031 | 60 | 416 |
| Combined Gear Total | | 9 | 164 | 1,047 | 6,872 | 87 | 848 | 43,061 | 147,822 | 5,829 | 43,586 |

Appendix E.37. Commercial catches of salmon by species and date in the Eshamy District drift gill net fishery, Main Bay Subdistrict, Statistical Area 225-21, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/28 | 1 | 1 | | | 1 | 7 | | | 49 | 180 | 21 | 146 |
| 07/29 | 1 | 1 | | | 1 | 7 | | | 94 | 297 | 23 | 179 |
| 08/12 | 1 | 1 | | | | | | | 152 | 549 | 4 | 28 |
| 08/13 | 1 | 1 | | | | | | | 222 | 653 | 2 | 19 |
| 08/14 | 1 | 1 | | | 2 | 15 | 1 | 10 | 421 | 1,358 | 15 | 105 |
| Total | 2 | 5 | 0 | 0 | 4 | 29 | 1 | 10 | 938 | 3,037 | 65 | 477 |

Appendix E.38. Commercial catches of salmon by species and date in the Eshamy District set gill net fishery, Main Bay Subdistrict, Statistical Area 225-21, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 7/28 | 9 | 10 | 1 | 26 | 30 | 199 | | | 1,217 | 3,715 | 344 | 2,553 |
| 7/29 | 10 | 10 | | | 44 | 293 | 1 | 17 | 1,209 | 3,610 | 239 | 1,822 |
| 7/30 | 11 | 11 | 1 | 11 | 21 | 141 | | | 831 | 2,567 | 245 | 1,818 |
| 7/31 | 11 | 12 | | | 44 | 280 | | | 839 | 2,663 | 314 | 2,466 |
| 8/01 | 11 | 11 | 1 | 43 | 31 | 212 | 2 | 13 | 807 | 2,531 | 243 | 1,892 |
| 8/02 | 11 | 11 | | | 23 | 161 | | | 694 | 2,232 | 172 | 1,357 |
| 8/03 | 11 | 11 | | | 59 | 370 | | | 1,298 | 4,135 | 277 | 2,089 |
| 8/04 | 11 | 11 | | | 38 | 249 | | | 911 | 2,905 | 427 | 3,135 |
| 8/05 | 11 | 11 | 1 | 18 | 40 | 260 | | | 928 | 3,029 | 402 | 2,663 |
| 8/06 | 9 | 10 | | | 30 | 198 | | | 624 | 2,049 | 206 | 1,505 |
| 8/07 | 9 | 9 | | | 18 | 113 | | | 1,185 | 4,091 | 327 | 2,644 |
| 8/08 | 8 | 8 | | | 50 | 327 | | | 1,654 | 5,417 | 202 | 1,456 |
| 8/09 | 9 | 9 | | | 20 | 132 | 1 | 12 | 1,537 | 5,038 | 178 | 1,324 |
| 8/10 | 10 | 10 | | | 30 | 188 | 3 | 29 | 2,511 | 8,688 | 147 | 1,156 |
| 8/11 | 10 | 11 | 1 | 26 | 42 | 253 | 3 | 29 | 1,662 | 5,855 | 142 | 1,049 |
| 8/12 | 9 | 10 | | | 17 | 116 | 7 | 67 | 2,573 | 8,838 | 173 | 1,274 |
| 8/13 | 10 | 10 | | | 40 | 244 | 13 | 119 | 2,304 | 8,104 | 196 | 1,423 |
| 8/14 | 10 | 10 | | | 40 | 273 | 2 | 16 | 2,789 | 9,864 | 226 | 1,625 |
| 8/15 | 9 | 9 | | | 27 | 179 | 3 | 29 | 2,050 | 7,171 | 128 | 1,002 |
| 8/16 | 10 | 11 | 1 | 12 | 41 | 246 | 10 | 85 | 3,560 | 12,419 | 246 | 1,858 |
| 8/17 | 7 | 7 | 2 | 21 | 7 | 51 | | | 482 | 1,697 | 24 | 176 |
| 8/18 | 6 | 6 | | | 25 | 185 | 4 | 39 | 948 | 3,438 | 131 | 1,028 |
| 8/19 | 10 | 24 | | | 105 | 688 | 16 | 183 | 4,590 | 16,729 | 412 | 3,233 |
| 8/20 | 6 | 6 | | | 53 | 348 | 3 | 27 | 1,083 | 3,940 | 59 | 432 |
| 8/21 | 9 | 10 | | | 64 | 415 | 4 | 38 | 1,074 | 4,099 | 102 | 699 |
| 8/22 | 9 | 14 | 1 | 7 | 74 | 509 | 11 | 103 | 1,880 | 6,823 | 130 | 922 |
| 8/23 | 2 | 2 | | | 8 | 61 | 1 | 10 | 28 | 107 | 12 | 92 |
| 8/24 | 3 | 5 | | | 20 | 139 | 2 | 22 | 823 | 2,913 | 57 | 392 |
| 8/25 | 2 | 2 | | | 2 | 13 | | | 32 | 118 | 3 | 24 |
| Total | 16 | 281 | 9 | 164 | 1,043 | 6,843 | 86 | 838 | 42,123 | 144,785 | 5,764 | 43,109 |

Appendix E.39. Commercial catches of salmon by species and fishing period in the Southwestern District purse seine fishery, Prince William Sound, 1986.

| | | | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Chinook | | Sockeye | | Coho | | Pink | | Chums | |
| Period | Dates | Hours | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 3[a] | 7/16-7/18 | 63 | 53 | 95 | 20 | 162 | 10,269 | 62,714 | 95 | 617 | 160,900 | 468,474 | 20,867 | 174,098 |
| 4 | 7/23-7/25 | 63 | 64 | 140 | 25 | 246 | 6,499 | 40,673 | 210 | 1,547 | 258,731 | 732,847 | 31,953 | 271,730 |
| 5 | 7/29-7/31 | 63 | 100 | 254 | 20 | 180 | 5,484 | 34,154 | 718 | 5,801 | 947,692 | 2,832,371 | 59,979 | 484,082 |
| 6 | 8/04-8/06 | 63 | 128 | 313 | 15 | 144 | 3,537 | 22,279 | 1,542 | 13,634 | 1,269,937 | 3,851,668 | 32,137 | 255,179 |
| 7 | 8/11-8/15 | 111 | 165 | 657 | 8 | 89 | 9,984 | 64,215 | 3,034 | 25,978 | 2,754,541 | 8,578,295 | 38,232 | 309,785 |
| 8[b] | 8/18-8/22 | 111 | 139 | 407 | | | 5,286 | 33,749 | 656 | 6,239 | 877,278 | 2,877,961 | 9,552 | 77,400 |
| 9[c] | 8/25-8/29 | 111 | 54 | 83 | 2 | 28 | 1,121 | 6,814 | 252 | 2,168 | 105,456 | 356,173 | 1,096 | 8,484 |
| Total | | | 189 | 1,949 | 90 | 849 | 42,180 | 264,598 | 6,507 | 55,984 | 6,374,535 | 19,697,789 | 193,816 | 1,580,758 |

[a]The Southwestern District was not opened until the third week of the general seine fishery.

[b]The Port San Juan Subdistrict was closed at the opening of this period. The Point Elrington Subdistrict was closed at 12:00 noon on Tuesday, 19 August. These closures were placed into effect to bolster hatchery returns to the Armin F. Koernig hatchery on Evans Island.

[c]The Point Elrington Subdistrict was re-opened at the beginning of period 9. The Port San Juan Subdistrict was opened at 6:00 a.m. on Thursday, 28 August.

Appendix E.40. Commercial catches of salmon by species and date in the Southwestern District purse seine fishery, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/16 | 41 | 46 | 11 | 82 | 4,601 | 28,156 | 7 | 47 | 54,370 | 158,419 | 7,994 | 66,960 |
| 07/17 | 19 | 20 | 1 | 3 | 1,897 | 12,773 | 1 | 8 | 42,334 | 128,294 | 5,410 | 46,029 |
| 07/18 | 27 | 29 | 8 | 77 | 3,771 | 21,785 | 87 | 562 | 64,196 | 181,761 | 7,463 | 61,109 |
| 07/23 | 37 | 39 | 4 | 68 | 1,575 | 9,385 | 15 | 123 | 50,674 | 145,055 | 9,169 | 77,338 |
| 07/24 | 45 | 55 | 1 | 5 | 2,594 | 16,891 | 33 | 260 | 105,025 | 292,060 | 10,619 | 86,845 |
| 07/25 | 46 | 46 | 20 | 173 | 2,330 | 14,397 | 162 | 1,164 | 103,032 | 295,732 | 12,165 | 107,547 |
| 07/29 | 63 | 69 | | | 2,060 | 12,537 | 94 | 774 | 281,844 | 818,450 | 15,714 | 125,997 |
| 07/30 | 72 | 80 | | | 1,585 | 10,097 | 99 | 782 | 274,627 | 828,455 | 17,938 | 145,149 |
| 07/31 | 88 | 105 | 20 | 180 | 1,839 | 11,520 | 525 | 4,245 | 391,221 | 1,185,466 | 26,327 | 212,936 |
| 08/04 | 94 | 105 | 5 | 35 | 1,202 | 7,848 | 338 | 3,185 | 474,340 | 1,449,309 | 13,248 | 104,854 |
| 08/05 | 84 | 93 | 2 | 24 | 931 | 5,726 | 200 | 1,708 | 286,107 | 864,544 | 6,958 | 57,015 |
| 08/06 | 101 | 115 | 8 | 85 | 1,404 | 8,705 | 1,004 | 8,741 | 509,490 | 1,537,815 | 11,931 | 93,310 |
| 08/11 | 111 | 122 | 3 | 39 | 2,518 | 15,515 | 927 | 7,516 | 693,822 | 2,137,512 | 10,515 | 85,966 |
| 08/12 | 111 | 128 | 2 | 14 | 2,334 | 14,985 | 784 | 6,576 | 602,587 | 1,831,644 | 9,440 | 74,312 |
| 08/13 | 115 | 137 | | | 1,986 | 12,894 | 547 | 5,062 | 597,280 | 1,845,943 | 7,921 | 65,509 |
| 08/14 | 115 | 128 | | | 1,331 | 9,137 | 450 | 4,022 | 450,359 | 1,442,732 | 4,741 | 38,796 |
| 08/15 | 131 | 142 | 3 | 36 | 1,815 | 11,684 | 326 | 2,802 | 410,493 | 1,320,464 | 5,615 | 45,202 |
| 08/18 | 113 | 122 | | | 1,531 | 9,686 | 158 | 1,518 | 294,657 | 967,035 | 3,246 | 25,760 |
| 08/19 | 96 | 106 | | | 1,351 | 8,732 | 150 | 1,206 | 215,688 | 696,981 | 2,438 | 19,731 |
| 08/20 | 75 | 77 | | | 1,017 | 6,451 | 160 | 1,565 | 176,182 | 566,264 | 1,712 | 14,084 |
| 08/21 | 50 | 52 | | | 616 | 4,163 | 53 | 526 | 92,768 | 312,903 | 1,076 | 9,175 |
| 08/22 | 49 | 50 | | | 771 | 4,717 | 135 | 1,424 | 97,983 | 334,778 | 1,080 | 8,650 |
| 08/25 | 41 | 41 | | | 611 | 3,621 | 79 | 773 | 46,414 | 157,525 | 416 | 3,363 |
| 08/26 | 15 | 15 | | | 148 | 890 | 15 | 164 | 17,805 | 60,945 | 265 | 1,913 |
| 08/27 | 17 | 17 | 1 | 9 | 228 | 1,470 | 86 | 711 | 25,697 | 82,756 | 180 | 1,337 |
| 08/28 | 8 | 8 | | | 104 | 644 | 63 | 427 | 9,855 | 36,010 | 160 | 1,256 |
| 08/29 | 2 | 2 | 1 | 19 | 30 | 189 | 9 | 93 | 5,685 | 18,937 | 75 | 615 |
| Total | 190 | 1,949 | 90 | 849 | 42,180 | 264,598 | 6,507 | 55,984 | 6,374,535 | 19,697,789 | 193,816 | 1,580,758 |

Appendix E.41. Commercial catches of salmon by species and date in the Southwestern District purse seine fishery, Statistical Area 226-10, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/24 | 1 | 1 | | | 93 | 884 | | | 1,399 | 4,082 | 330 | 2,667 |
| 07/29 | 1 | 1 | | | 44 | 226 | 8 | 54 | 5,860 | 14,676 | 860 | 4,257 |
| 07/30 | 1 | 1 | | | 23 | 115 | 8 | 50 | 2,531 | 6,329 | 414 | 2,485 |
| 08/11 | 1 | 1 | | | 9 | 46 | | | 1,852 | 5,340 | 102 | 688 |
| 08/15 | 1 | 1 | | | 18 | 97 | 5 | 67 | 685 | 2,421 | 100 | 773 |
| Total | 4 | 5 | 0 | 0 | 187 | 1,368 | 21 | 171 | 12,327 | 32,848 | 1,806 | 10,870 |

Appendix E.42. Commercial catchrs of salmon species and date in the Southwestern District purse seine fishery, Statistical Area 226-20, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/16 | 20 | 20 | 10 | 61 | 1,532 | 10,188 | 6 | 35 | 17,455 | 50,094 | 2,202 | 17,258 |
| 07/17 | 8 | 8 | | | 995 | 6,532 | | | 11,961 | 37,209 | 1,492 | 11,764 |
| 07/18 | 8 | 8 | 4 | 30 | 1,238 | 6,957 | 69 | 414 | 16,257 | 45,758 | 2,431 | 18,232 |
| 07/23 | 14 | 15 | 2 | 33 | 617 | 3,698 | 1 | 10 | 18,593 | 54,710 | 3,632 | 30,620 |
| 07/24 | 14 | 19 | | | 843 | 5,108 | | | 36,234 | 99,767 | 2,907 | 22,956 |
| 07/25 | 8 | 8 | 17 | 119 | 769 | 4,442 | 85 | 510 | 25,514 | 77,447 | 2,643 | 24,991 |
| 07/29 | 15 | 17 | | | 970 | 6,053 | 8 | 70 | 74,044 | 210,802 | 3,915 | 32,514 |
| 07/30 | 9 | 10 | | | 344 | 2,109 | | | 25,804 | 79,865 | 1,574 | 12,835 |
| 07/31 | 5 | 5 | | | 110 | 653 | 2 | 16 | 9,170 | 28,817 | 774 | 6,689 |
| 08/04 | 12 | 12 | 2 | 25 | 170 | 1,104 | 35 | 331 | 34,816 | 106,449 | 1,219 | 9,961 |
| 08/05 | 11 | 11 | 1 | 22 | 198 | 1,187 | 12 | 103 | 22,441 | 68,801 | 688 | 5,611 |
| 08/06 | 12 | 12 | 2 | 6 | 422 | 2,505 | 179 | 1,244 | 56,085 | 193,606 | 2,903 | 19,592 |
| 08/11 | 11 | 11 | | | 424 | 2,864 | 72 | 536 | 48,599 | 155,798 | 1,205 | 9,437 |
| 08/12 | 7 | 7 | | | 503 | 3,134 | 173 | 1,393 | 44,284 | 132,444 | 1,239 | 9,502 |
| 08/13 | 10 | 12 | | | 319 | 2,151 | 13 | 110 | 35,221 | 110,102 | 1,117 | 8,611 |
| 08/14 | 7 | 7 | | | 214 | 1,401 | 20 | 200 | 16,708 | 54,286 | 565 | 4,879 |
| 08/15 | 11 | 11 | | | 314 | 2,019 | 3 | 25 | 15,004 | 49,678 | 729 | 5,913 |
| 08/18 | 13 | 14 | | | 264 | 1,738 | 4 | 38 | 22,632 | 73,704 | 539 | 4,277 |
| 08/19 | 9 | 9 | | | 285 | 1,783 | | | 13,308 | 43,491 | 492 | 4,172 |
| 08/20 | 6 | 6 | | | 114 | 796 | | | 5,994 | 19,902 | 165 | 1,248 |
| Total | 73 | 222 | 38 | 296 | 10,645 | 66,422 | 682 | 5,035 | 550,124 | 1,692,730 | 32,431 | 261,062 |

Appendix E.43. Commercial catches of salmon by species and date in the Southwestern District purse seine fishery, Statistical Area 226-30, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/16 | 5 | 6 | | | 752 | 5,014 | | | 5,651 | 17,221 | 1,314 | 11,578 |
| 07/17 | 3 | 3 | | | 382 | 2,644 | | | 4,659 | 16,310 | 1,080 | 9,730 |
| 07/18 | 1 | 1 | | | 27 | 164 | | | 975 | 2,926 | 74 | 597 |
| 07/23 | 2 | 2 | | | 117 | 685 | | | 3,899 | 11,695 | 418 | 3,085 |
| 07/24 | 2 | 2 | | | 264 | 1,840 | | | 8,002 | 23,396 | 1,503 | 11,220 |
| 07/25 | 4 | 4 | | | 281 | 1,920 | | | 7,623 | 24,751 | 1,921 | 16,203 |
| 07/29 | 6 | 6 | | | 94 | 562 | 7 | 50 | 20,432 | 57,169 | 960 | 8,276 |
| 07/30 | 7 | 7 | | | 50 | 317 | | | 11,593 | 35,107 | 1,268 | 10,273 |
| 07/31 | 4 | 4 | | | 113 | 677 | | | 11,328 | 35,116 | 1,223 | 11,015 |
| 08/04 | 8 | 10 | | | 187 | 1,163 | 55 | 433 | 39,852 | 117,027 | 1,648 | 12,986 |
| 08/05 | 6 | 7 | 1 | 2 | 162 | 979 | 7 | 56 | 21,478 | 67,519 | 831 | 7,362 |
| 08/06 | 4 | 4 | | | 135 | 820 | 144 | 1,220 | 22,726 | 68,156 | 479 | 3,961 |
| 08/11 | 5 | 5 | | | 102 | 616 | | | 33,960 | 105,270 | 1,289 | 11,610 |
| 08/12 | 8 | 8 | | | 164 | 976 | | | 32,364 | 100,328 | 868 | 7,812 |
| 08/13 | 7 | 7 | | | 257 | 1,526 | 18 | 123 | 45,006 | 139,526 | 1,264 | 10,899 |
| 08/14 | 6 | 6 | | | 27 | 161 | | | 10,471 | 32,820 | 214 | 1,913 |
| 08/15 | 7 | 7 | | | 41 | 244 | | | 15,549 | 48,205 | 268 | 2,411 |
| 08/18 | 9 | 10 | | | 79 | 476 | | | 36,475 | 113,071 | 474 | 4,273 |
| 08/19 | 7 | 7 | | | 46 | 276 | | | 21,996 | 68,159 | 220 | 1,974 |
| 08/20 | 10 | 11 | | | 67 | 408 | 5 | 36 | 31,862 | 97,546 | 250 | 2,195 |
| 08/21 | 9 | 9 | | | 54 | 311 | 14 | 142 | 18,674 | 60,345 | 229 | 2,139 |
| 08/22 | 4 | 4 | | | 18 | 96 | 24 | 259 | 6,205 | 18,829 | 78 | 735 |
| Total | 44 | 130 | 1 | 2 | 3,419 | 21,875 | 274 | 2,319 | 410,780 | 1,260,492 | 17,873 | 152,247 |

Appendix E.44. Commercial catches of salmon by species and date in the Southwestern District purse seine fishery, Statistical Area 226-40, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/16 | 12 | 15 | 1 | 21 | 1,565 | 8,547 | 1 | 12 | 16,657 | 49,593 | 2,346 | 19,175 |
| 07/17 | 3 | 3 | 1 | 3 | 194 | 1,184 | 1 | 8 | 2,425 | 6,940 | 334 | 2,683 |
| 07/18 | 3 | 3 | 4 | 47 | 679 | 3,661 | 5 | 53 | 9,727 | 29,184 | 612 | 4,957 |
| 07/23 | 10 | 10 | 2 | 35 | 286 | 1,835 | 1 | 6 | 16,220 | 45,019 | 2,892 | 25,157 |
| 07/24 | 22 | 23 | 1 | 5 | 1,322 | 8,591 | 17 | 120 | 54,731 | 151,658 | 5,308 | 44,454 |
| 07/25 | 20 | 20 | 1 | 40 | 721 | 4,717 | 21 | 141 | 40,767 | 112,858 | 5,173 | 45,681 |
| 07/29 | 18 | 21 | | | 455 | 2,748 | 10 | 91 | 81,213 | 223,855 | 4,650 | 36,264 |
| 07/30 | 25 | 26 | | | 517 | 3,224 | 35 | 286 | 72,739 | 216,435 | 5,825 | 47,950 |
| 07/31 | 29 | 29 | 20 | 180 | 495 | 3,170 | 321 | 2,848 | 110,212 | 330,686 | 9,520 | 76,349 |
| 08/04 | 44 | 50 | 3 | 10 | 544 | 3,639 | 63 | 538 | 228,319 | 689,598 | 6,551 | 50,697 |
| 08/05 | 25 | 25 | | | 248 | 1,527 | 36 | 326 | 85,178 | 253,102 | 2,504 | 20,482 |
| 08/06 | 26 | 26 | | | 171 | 1,105 | 154 | 1,438 | 110,304 | 325,606 | 2,299 | 18,711 |
| 08/11 | 40 | 44 | 2 | 30 | 863 | 5,478 | 322 | 2,613 | 248,656 | 773,696 | 4,010 | 33,896 |
| 08/12 | 32 | 33 | 1 | 2 | 490 | 3,288 | 83 | 665 | 110,384 | 333,321 | 2,006 | 15,872 |
| 08/13 | 29 | 32 | | | 391 | 2,613 | 75 | 666 | 104,468 | 335,420 | 2,101 | 18,142 |
| 08/14 | 36 | 37 | | | 415 | 2,964 | 53 | 393 | 110,873 | 359,011 | 1,646 | 13,425 |
| 08/15 | 32 | 35 | | | 574 | 3,947 | 52 | 410 | 97,044 | 315,579 | 1,448 | 12,122 |
| 08/18 | 49 | 53 | | | 609 | 3,773 | 53 | 480 | 115,475 | 395,210 | 1,341 | 10,367 |
| 08/19 | 56 | 61 | | | 697 | 4,590 | 114 | 910 | 125,338 | 410,600 | 1,252 | 9,936 |
| 08/20 | 54 | 54 | | | 742 | 4,635 | 134 | 1,319 | 119,152 | 392,056 | 1,180 | 9,633 |
| 08/21 | 42 | 43 | | | 562 | 3,852 | 39 | 384 | 74,094 | 252,558 | 847 | 7,036 |
| 08/22 | 41 | 42 | | | 723 | 4,413 | 99 | 1,045 | 85,711 | 293,181 | 935 | 7,442 |
| 08/25 | 27 | 27 | | | 501 | 2,956 | 75 | 734 | 31,554 | 110,177 | 274 | 2,123 |
| 08/26 | 6 | 6 | | | 104 | 627 | 11 | 118 | 11,399 | 38,699 | 181 | 1,399 |
| 08/27 | 14 | 14 | 1 | 9 | 228 | 1,470 | 86 | 711 | 25,357 | 81,657 | 175 | 1,294 |
| 08/28 | 7 | 7 | | | 94 | 582 | 60 | 399 | 8,733 | 32,309 | 150 | 1,114 |
| 08/29 | 1 | 1 | 1 | 19 | 25 | 149 | 9 | 93 | 3,199 | 10,237 | 49 | 415 |
| Total | 163 | 740 | 38 | 401 | 14,215 | 89,285 | 1,930 | 16,807 | 2,099,929 | 6,568,245 | 65,609 | 536,776 |

Appendix E.45. Commercial catches of salmon by species and date in the Southwestern District purse seine fishery, Statistical Area 226-50, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/16 | 2 | 2 | | | 433 | 2,162 | | | 2,772 | 8,316 | 240 | 1,916 |
| 07/17 | 1 | 1 | | | 76 | 683 | | | 2,114 | 8,428 | 480 | 4,365 |
| 07/18 | 3 | 3 | | | 638 | 3,192 | 1 | 5 | 5,600 | 16,800 | 633 | 5,218 |
| 07/23 | 3 | 3 | | | 298 | 1,493 | | | 5,403 | 16,208 | 854 | 6,826 |
| 07/25 | 3 | 3 | | | 344 | 1,720 | | | 6,223 | 18,669 | 658 | 5,264 |
| 07/29 | 8 | 8 | | | 323 | 1,766 | | | 44,607 | 134,971 | 2,682 | 22,457 |
| 07/30 | 7 | 7 | | | 129 | 803 | | | 29,283 | 87,282 | 1,303 | 10,431 |
| 07/31 | 6 | 6 | | | 77 | 408 | | | 20,054 | 60,244 | 713 | 5,702 |
| 08/04 | 2 | 2 | | | 42 | 224 | | | 10,372 | 31,117 | 167 | 1,338 |
| 08/05 | 2 | 2 | | | 14 | 85 | 24 | 166 | 4,293 | 13,308 | 196 | 1,770 |
| 08/06 | 5 | 5 | | | 102 | 591 | 3 | 23 | 14,863 | 45,741 | 500 | 4,412 |
| 08/11 | 11 | 12 | | | 279 | 1,387 | 93 | 725 | 74,613 | 227,952 | 604 | 5,052 |
| 08/12 | 18 | 19 | | | 222 | 1,532 | 121 | 1,107 | 73,962 | 229,266 | 519 | 4,090 |
| 08/13 | 13 | 14 | | | 117 | 769 | 75 | 666 | 38,939 | 122,085 | 376 | 3,143 |
| 08/14 | 16 | 17 | | | 74 | 477 | 67 | 598 | 45,369 | 154,917 | 359 | 2,797 |
| 08/15 | 16 | 17 | 1 | 2 | 217 | 1,336 | 72 | 700 | 38,235 | 130,462 | 596 | 4,375 |
| 08/18 | 34 | 34 | | | 424 | 2,712 | 35 | 366 | 80,154 | 263,780 | 538 | 4,008 |
| 08/19 | 24 | 25 | | | 291 | 1,877 | 18 | 168 | 44,547 | 142,041 | 367 | 2,869 |
| 08/20 | 6 | 6 | | | 94 | 612 | 21 | 210 | 19,174 | 56,760 | 117 | 1,008 |
| 08/22 | 4 | 4 | | | 30 | 208 | 12 | 120 | 6,067 | 22,768 | 67 | 473 |
| 08/25 | 3 | 3 | | | 27 | 158 | 3 | 31 | 1,824 | 6,775 | 34 | 283 |
| 08/26 | 1 | 1 | | | | | | | 873 | 3,491 | 10 | 61 |
| Total | 74 | 194 | 1 | 2 | 4,251 | 24,195 | 545 | 4,885 | 569,341 | 1,801,381 | 12,013 | 97,858 |

Appendix E.46. Commercial catches of salmon by species and date in the Southwestern District purse seine fishery, Point Elrington Subdistrict, Statistical Area 226-51, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch[a] MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/16 | 3 | 3 | | | 319 | 2,245 | | | 11,835 | 33,195 | 1,892 | 17,033 |
| 07/17 | 5 | 5 | | | 250 | 1,730 | | | 21,175 | 59,407 | 2,024 | 17,487 |
| 07/18 | 14 | 14 | | | 1,189 | 7,811 | 12 | 90 | 31,637 | 87,093 | 3,713 | 32,105 |
| 07/23 | 9 | 9 | | | 257 | 1,674 | 13 | 107 | 6,559 | 17,423 | 1,373 | 11,650 |
| 07/24 | 10 | 10 | | | 72 | 468 | 16 | 140 | 4,659 | 13,157 | 571 | 5,548 |
| 07/25 | 10 | 10 | 1 | 10 | 168 | 1,247 | 51 | 458 | 16,641 | 46,348 | 1,446 | 12,737 |
| 07/29 | 15 | 16 | | | 174 | 1,182 | 61 | 509 | 55,688 | 176,977 | 2,647 | 22,229 |
| 07/30 | 25 | 28 | | | 487 | 3,319 | 56 | 446 | 128,586 | 390,347 | 7,038 | 57,050 |
| 07/31 | 39 | 48 | | | 896 | 5,680 | 191 | 1,292 | 197,563 | 606,944 | 11,485 | 92,547 |
| 08/04 | 24 | 25 | | | 219 | 1,453 | 161 | 1,525 | 127,710 | 401,770 | 2,885 | 23,290 |
| 08/05 | 38 | 41 | | | 277 | 1,726 | 114 | 1,007 | 124,705 | 375,462 | 2,156 | 17,228 |
| 08/06 | 34 | 43 | 4 | 67 | 218 | 1,430 | 224 | 2,100 | 167,182 | 485,362 | 3,812 | 30,396 |
| 08/11 | 34 | 37 | 1 | 9 | 657 | 4,092 | 401 | 3,319 | 213,266 | 641,553 | 1,997 | 15,161 |
| 08/12 | 30 | 35 | | | 455 | 2,985 | 325 | 2,777 | 194,199 | 575,025 | 1,645 | 13,063 |
| 08/13 | 47 | 57 | | | 708 | 4,668 | 351 | 3,381 | 313,150 | 951,002 | 2,413 | 19,503 |
| 08/14 | 36 | 41 | | | 398 | 2,801 | 273 | 2,522 | 174,172 | 544,318 | 1,206 | 9,526 |
| 08/15 | 41 | 42 | | | 363 | 2,306 | 125 | 1,056 | 150,648 | 469,276 | 1,434 | 11,222 |
| 08/18 | 11 | 11 | | | 155 | 987 | 66 | 634 | 39,921 | 121,270 | 354 | 2,835 |
| 08/19 | 4 | 4 | | | 32 | 206 | 18 | 128 | 10,499 | 32,690 | 107 | 780 |
| 08/25 | 11 | 11 | | | 83 | 507 | 1 | 8 | 13,036 | 40,573 | 108 | 957 |
| 08/26 | 8 | 8 | | | 44 | 263 | 4 | 46 | 5,533 | 18,755 | 74 | 453 |
| 08/27 | 3 | 3 | | | | | | | 340 | 1,099 | 5 | 43 |
| Total | 109 | 501 | 6 | 86 | 7,421 | 48,780 | 2,463 | 21,545 | 2,008,704 | 6,089,046 | 50,385 | 412,843 |

[a]The Point Elrington Subdistrict was closed from 19 August until 22 August to bolster collection and sales harvests at the A.F.K. Hatchery.

Appendix E.47. Commercial catches of salmon by species and date in the Southwestern District purse seine fishery, Port San Juan Subdistrict, Statistical Area 226-60, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch[a] MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/25 | 1 | 1 | 1 | 4 | 47 | 351 | 5 | 55 | 6,264 | 15,659 | 324 | 2,671 |
| 07/30 | 1 | 1 | | | 35 | 210 | | | 4,091 | 13,090 | 516 | 4,125 |
| 07/31 | 10 | 13 | | | 148 | 932 | 11 | 89 | 42,894 | 123,659 | 2,612 | 20,634 |
| 08/04 | 6 | 6 | | | 40 | 265 | 24 | 358 | 33,271 | 103,348 | 778 | 6,582 |
| 08/05 | 6 | 7 | | | 32 | 222 | 7 | 50 | 28,012 | 86,352 | 583 | 4,562 |
| 08/06 | 25 | 25 | 2 | 12 | 356 | 2,254 | 300 | 2,716 | 138,330 | 419,344 | 1,938 | 16,238 |
| 08/11 | 12 | 12 | | | 184 | 1,032 | 39 | 323 | 72,876 | 227,903 | 1,308 | 10,122 |
| 08/12 | 24 | 26 | 1 | 12 | 500 | 3,070 | 82 | 634 | 147,394 | 461,260 | 3,163 | 23,973 |
| 08/13 | 13 | 15 | | | 194 | 1,167 | 15 | 116 | 60,496 | 187,808 | 650 | 5,211 |
| 08/14 | 20 | 20 | | | 203 | 1,333 | 37 | 309 | 92,766 | 297,380 | 751 | 6,256 |
| 08/15 | 27 | 29 | 2 | 34 | 288 | 1,735 | 69 | 544 | 93,328 | 304,843 | 1,040 | 8,386 |
| 08/28 | 1 | 1 | | | 10 | 62 | 3 | 28 | 1,122 | 3,701 | 10 | 142 |
| 08/29 | 1 | 1 | | | 5 | 40 | | | 2,486 | 8,700 | 26 | 200 |
| Total | 68 | 157 | 6 | 62 | 2,042 | 12,673 | 592 | 5,222 | 723,330 | 2,253,047 | 13,699 | 109,102 |

[a]The Port San Juan Subdistrict was closed from 18 August until 28 August to bolster brood stock collection and sales harvests at the A.F.K. Hatchery.

Appendix E.48. Commercial catches of salmon by species and fishing period in the Southeastern District purse seine fishery, Prince William Sound, 1986.

| | | | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Chinook | | Sockeye | | Coho | | Pink | | Chums | |
| Period | Dates | Hours | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 2 | 7/09-7/10 | 39 | 2 | 2 | | | 5 | 30 | | | 864 | 2,594 | 145 | 1,418 |
| 4 | 7/23-7/25 | 63 | 25 | 40 | | | 223 | 1,348 | | | 37,152 | 109,355 | 17,169 | 149,839 |
| 5 | 7/29-7/31 | 63 | 17 | 29 | | | 109 | 656 | 157 | 1,515 | 50,510 | 154,120 | 10,114 | 73,873 |
| 6 | 8/04-8/06 | 63 | 13 | 22 | | | 10 | 62 | 4 | 40 | 35,200 | 110,328 | 6,757 | 49,919 |
| 7 | 8/11-8/15 | 111 | 6 | 13 | | | | | 6 | 62 | 19,720 | 65,597 | 2,667 | 20,737 |
| 8 | 8/18-8/22 | 111 | 5 | 5 | | | 7 | 42 | | | 3,822 | 12,435 | 51 | 423 |
| Total | | 450 | 40 | 111 | 0 | 0 | 354 | 2,138 | 167 | 1,617 | 147,268 | 454,429 | 36,903 | 296,209 |

Appendix E.49. Commercial catches of salmon by species and date in the Southeastern District purse seine fishery, Prince William Sound, 1986.

| | | | Catch by Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/09 | 2 | 2 | | | 5 | 30 | | | 864 | 2,594 | 145 | 1,418 |
| 07/23 | 8 | 9 | | | 19 | 116 | | | 7,153 | 20,088 | 5,148 | 44,205 |
| 07/24 | 13 | 14 | | | 23 | 158 | | | 12,455 | 35,670 | 6,774 | 59,550 |
| 07/25 | 17 | 17 | | | 181 | 1,074 | | | 17,544 | 53,597 | 5,247 | 46,084 |
| 07/29 | 11 | 13 | | | 88 | 525 | | | 18,652 | 66,948 | 3,967 | 28,299 |
| 07/30 | 4 | 5 | | | 2 | 11 | | | 6,224 | 17,427 | 1,904 | 13,335 |
| 07/31 | 11 | 11 | | | 19 | 120 | 157 | 1,515 | 25,634 | 69,745 | 4,243 | 32,239 |
| 08/04 | 4 | 6 | | | | | | | 13,968 | 49,577 | 4,883 | 34,840 |
| 08/05 | 6 | 6 | | | 9 | 60 | 3 | 30 | 8,173 | 23,240 | 655 | 5,319 |
| 08/06 | 9 | 10 | | | 1 | 2 | 1 | 10 | 13,059 | 37,511 | 1,219 | 9,760 |
| 08/11 | 4 | 5 | | | | | 6 | 62 | 12,350 | 41,498 | 1,535 | 10,859 |
| 08/12 | 4 | 4 | | | | | | | 4,673 | 15,074 | 397 | 3,029 |
| 08/13 | 2 | 3 | | | | | | | 2,387 | 7,880 | 237 | 1,869 |
| 08/14 | 1 | 1 | | | | | | | 310 | 1,145 | 498 | 4,980 |
| 08/18 | 1 | 1 | | | | | | | 705 | 2,290 | 27 | 231 |
| 08/19 | 1 | 1 | | | | | | | 150 | 580 | 5 | 40 |
| 08/20 | 3 | 3 | | | 7 | 42 | | | 2,967 | 9,565 | 19 | 152 |
| Total | 40 | 111 | 0 | 0 | 354 | 2,138 | 167 | 1,617 | 147,268 | 454,429 | 36,903 | 296,209 |

Appendix E.50. Commercial catches of salmon by species and date in the Southeastern District purse seine fishery, Statistical Area 228-20, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/31 | 1 | 1 | | | | | | | 2,367 | 7,338 | 551 | 4,956 |
| 08/04 | 1 | 1 | | | | | | | 542 | 1,679 | 1 | 9 |
| 08/06 | 2 | 2 | | | | | | | 1,688 | 5,233 | 22 | 193 |
| 08/11 | 2 | 2 | | | | | 6 | 62 | 664 | 2,046 | 12 | 87 |
| 08/20 | 1 | 1 | | | 4 | 20 | | | 1,117 | 4,000 | | |
| Total | 6 | 7 | 0 | 0 | 4 | 20 | 6 | 62 | 6,378 | 20,296 | 586 | 5,245 |

Appendix E.51. Commercial catches of salmon by species and date in the Southeastern District purse seine fishery, Statistical Area 228-30, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/09 | 2 | 2 | | | 5 | 30 | | | 864 | 2,594 | 145 | 1,418 |
| 07/23 | 5 | 5 | | | 19 | 116 | | | 2,671 | 7,838 | 1,502 | 12,956 |
| 07/24 | 9 | 9 | | | 22 | 152 | | | 7,041 | 20,273 | 2,044 | 17,404 |
| 07/25 | 12 | 12 | | | 181 | 1,074 | | | 12,786 | 40,165 | 2,997 | 26,656 |
| 07/29 | 7 | 9 | | | 88 | 525 | | | 12,780 | 46,305 | 1,483 | 11,498 |
| 07/31 | 7 | 7 | | | 17 | 108 | 157 | 1,515 | 14,263 | 37,195 | 1,268 | 10,315 |
| 08/05 | 3 | 3 | | | 8 | 53 | 3 | 30 | 2,755 | 8,073 | 98 | 882 |
| 08/06 | 5 | 5 | | | 1 | 2 | 1 | 10 | 1,719 | 5,257 | 50 | 397 |
| 08/12 | 1 | 1 | | | | | | | 926 | 2,872 | 8 | 76 |
| 08/13 | 1 | 1 | | | | | | | | | 25 | 285 |
| 08/19 | 1 | 1 | | | | | | | 150 | 580 | 5 | 40 |
| 08/20 | 1 | 1 | | | 1 | 7 | | | 1,200 | 3,610 | 12 | 100 |
| Total | 28 | 56 | 0 | 0 | 342 | 2,067 | 161 | 1,555 | 57,155 | 174,762 | 9,637 | 82,027 |

Appendix E.52. Commercial catches of salmon by species and date in the Southeastern District purse seine fishery, Statistical Area 228-40, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/24 | 1 | 1 | | | 1 | 6 | | | 299 | 777 | 550 | 5,508 |
| Total | 1 | 1 | 0 | 0 | 1 | 6 | 0 | 0 | 299 | 777 | 550 | 5,508 |

Appendix E.53. Commercial catches of salmon by species and date in the Southeastern District purse seine fishery, Statistical Area 228-50, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 08/20 | 1 | 1 | | | 2 | 15 | | | 650 | 1,955 | 7 | 52 |
| Total | 1 | 1 | 0 | 0 | 2 | 15 | 0 | 0 | 650 | 1,955 | 7 | 52 |

Appendix E.54. Commercial catches of salmon by species and date in the Southeastern District purse seine fishery, Statistical Area 228-60, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/23 | 3 | 4 | | | | | | | 4,482 | 12,250 | 3,646 | 31,249 |
| 07/24 | 3 | 4 | | | | | | | 5,115 | 14,620 | 4,180 | 36,638 |
| 07/25 | 5 | 5 | | | | | | | 4,758 | 13,432 | 2,250 | 19,428 |
| 07/29 | 4 | 4 | | | | | | | 5,872 | 20,643 | 2,484 | 16,801 |
| 07/30 | 4 | 5 | | | 2 | 11 | | | 6,224 | 17,427 | 1,904 | 13,335 |
| 07/31 | 3 | 3 | | | 2 | 12 | | | 9,004 | 25,212 | 2,424 | 16,968 |
| 08/04 | 3 | 5 | | | | | | | 13,426 | 47,898 | 4,882 | 34,831 |
| 08/05 | 3 | 3 | | | 1 | 7 | | | 5,418 | 15,167 | 557 | 4,437 |
| 08/06 | 2 | 3 | | | | | | | 9,652 | 27,021 | 1,147 | 9,170 |
| 08/11 | 2 | 3 | | | | | | | 11,686 | 39,452 | 1,523 | 10,772 |
| 08/12 | 3 | 3 | | | | | | | 3,747 | 12,202 | 389 | 2,953 |
| 08/13 | 1 | 2 | | | | | | | 2,387 | 7,880 | 212 | 1,584 |
| 08/14 | 1 | 1 | | | | | | | 310 | 1,145 | 498 | 4,980 |
| 08/18 | 1 | 1 | | | | | | | 705 | 2,290 | 27 | 231 |
| Total | 8 | 46 | 0 | 0 | 5 | 30 | 0 | 0 | 82,786 | 256,639 | 26,123 | 203,377 |

Appendix E.55. Hatchery sales harvest of salmon by species and date for the V.F.D.A. Solomon Gulch Hatchery, Eastern District, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/04 | 1 | 1 | | | | | | | 5,434 | 19,020 | | |
| 07/05 | 1 | 1 | | | | | | | 2,553 | 8,937 | 22 | 198 |
| 07/12 | 1 | 2 | | | | | | | 23,672 | 82,615 | | |
| 07/14 | 1 | 1 | | | | | | | 28,203 | 84,610 | | |
| 07/17 | 1 | 2 | | | | | | | 5,770 | 14,426 | | |
| 07/18 | 1 | 1 | | | | | | | 25,760 | 77,285 | | |
| 09/04 | 1 | 1 | | | | | 45 | 454 | | | | |
| 09/13 | 1 | 1 | | | | | 1,082 | 9,742 | | | | |
| 09/16 | 1 | 1 | | | | | 211 | 1,900 | | | | |
| 09/17 | 1 | 1 | | | | | 146 | 1,318 | | | | |
| 09/19 | 1 | 1 | | | | | 447 | 4,026 | | | | |
| 09/22 | 1 | 1 | | | | | 225 | 2,029 | | | | |
| Total | 2 | 14 | 0 | 0 | 0 | 0 | 2,156 | 19,469 | 91,392 | 286,893 | 22 | 198 |

Appendix E.56. Hatchery sales harvest of salmon by species and date for the P.W.S.A.C. Armin F. Koernig hatchery, Southwestern District, Prince William Sound, 1986.

| | | | Catch by Species | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| Catch MM/DD | Permits | Landings | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| 07/27 | 1 | 1 | | | | | | | 10,726 | 25,743 | 1,884 | 16,390 |
| 07/29 | 1 | 1 | | | | | | | 21,526 | 55,968 | 522 | 4,019 |
| 08/01 | 1 | 1 | | | | | | | 21,499 | 55,898 | 74 | 565 |
| 08/04 | 1 | 3 | | | | | | | 32,605 | 90,027 | 659 | 4,944 |
| 08/05 | 1 | 1 | | | | | | | 27,758 | 80,499 | 1,947 | 14,992 |
| 08/06 | 1 | 1 | | | | | | | 16,357 | 49,072 | 2,488 | 19,656 |
| 08/09 | 1 | 4 | | | | | | | 95,441 | 295,869 | 5,783 | 45,286 |
| 08/10 | 1 | 5 | | | | | | | 88,545 | 280,719 | 1,045 | 7,332 |
| 08/11 | 1 | 1 | | | | | | | 44,922 | 152,735 | 458 | 3,756 |
| 08/12 | 1 | 3 | | | | | | | 104,715 | 345,544 | 2,216 | 16,227 |
| 08/14 | 1 | 2 | | | | | | | 69,813 | 230,382 | 487 | 3,508 |
| 08/15 | 1 | 1 | | | | | | | 17,814 | 60,568 | 167 | 1,236 |
| 08/16 | 1 | 1 | | | | | | | 20,124 | 70,432 | 81 | 640 |
| 08/17 | 1 | 1 | | | | | | | 19,675 | 70,830 | 388 | 2,951 |
| 08/18 | 1 | 3 | | | | | | | 45,967 | 163,000 | 428 | 3,270 |
| 08/19 | 1 | 1 | | | | | | | 17,265 | 63,880 | 78 | 515 |
| 08/20 | 1 | 1 | | | | | | | 20,787 | 76,912 | 105 | 777 |
| 08/21 | 1 | 1 | | | | | | | 72,247 | 267,313 | 1,047 | 8,267 |
| 08/26 | 1 | 1 | | | | | | | 21,624 | 84,334 | 251 | 1,633 |
| 08/31 | 1 | 1 | | | | | | | 18,654 | 69,025 | 232 | 1,625 |
| 09/02 | 1 | 1 | | | | | | | 23,540 | 87,099 | 278 | 1,416 |
| 09/04 | 1 | 1 | | | | | | | 6,223 | 22,313 | 43 | 271 |
| Total | 1 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 817,827 | 2,698,162 | 20,661 | 159,276 |

Appendix E.57. Temporally stratified age and sex composition of sockeye salmon in the commercial catches from the drift gill net fishery in the Unakwik District, Prince William Sound, 1986.

| | | Brood Year and Age Group | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 1982 | | 1981 | | 1980 | | |
| | | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | Total |
| Stratum Dates: | 6/23-6/26 | | | | | | | |
| Sample Dates: | 6/27 | | | | | | | |
| Sample Size: | 606 | | | | | | | |
| Female | Percent of Sample | 0.0 | 2.0 | 50.7 | 0.2 | 0.1 | 3.4 | 56.4 |
| | Number in Catch | 0 | 99 | 2,510 | 10 | 5 | 169 | 2,793 |
| Male | Percent of Sample | 0.2 | 3.3 | 38.6 | 0.1 | 0.2 | 1.2 | 43.6 |
| | Number in Catch | 10 | 163 | 1,910 | 5 | 10 | 59 | 2,157 |
| Total | Percent of Sample | 0.2 | 5.3 | 89.3 | 0.3 | 0.3 | 4.6 | 100.0 |
| | Number in Catch | 10 | 262 | 4,420 | 15 | 15 | 228 | 4,950 |
| | Standard Error | 9 | 45 | 62 | 11 | 11 | 42 | |
| Stratum Dates: | 6/30-7/04 | | | | | | | |
| Sample Dates: | 7/03 | | | | | | | |
| Sample Size: | 573 | | | | | | | |
| Female | Percent of Sample | 0.3 | 2.8 | 52.2 | 0.7 | 0.2 | 3.7 | 59.9 |
| | Number in Catch | 62 | 583 | 10,862 | 146 | 42 | 770 | 12,465 |
| Male | Percent of Sample | 0.5 | 4.4 | 32.8 | 0.5 | 0.2 | 1.7 | 40.1 |
| | Number in Catch | 104 | 915 | 6,825 | 104 | 42 | 354 | 8,344 |
| Total | Percent of Sample | 0.8 | 7.2 | 85.0 | 1.2 | 0.4 | 5.4 | 100.0 |
| | Number in Catch | 166 | 1,498 | 17,687 | 250 | 84 | 1,124 | 20,809 |
| | Standard Error | 78 | 225 | 311 | 95 | 55 | 197 | |
| Combined Strata: | 6/23-7/04 | | | | | | | |
| Sample Dates: | 6/27-7/03 | | | | | | | |
| Sample Size: | 1,179 | | | | | | | |
| Female | Percent of Sample | 0.2 | 2.6 | 51.9 | 0.6 | 0.2 | 3.7 | 59.2 |
| | Number in Catch | 62 | 682 | 13,372 | 156 | 47 | 939 | 15,258 |
| Male | Percent of Sample | 0.5 | 4.2 | 33.9 | 0.4 | 0.2 | 1.6 | 40.8 |
| | Number in Catch | 114 | 1,078 | 8,735 | 109 | 52 | 413 | 10,501 |
| Total | Percent of Sample | 0.7 | 6.8 | 85.8 | 1.0 | 0.4 | 5.3 | 100.0 |
| | Number in Catch | 176 | 1,760 | 22,107 | 265 | 99 | 1,352 | 25,759 |
| | Standard Error | 78 | 229 | 317 | 95 | 56 | 201 | |

Appendix E.58. Temporally stratified age and sex composition of the sockeye salmon in the commercial catches in the Coghill District drift gill net fishery, Prince William Sound, 1986.

| | | Brood Year and Age Group | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1982 | | 1981 | | 1980 | | | |
| | | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | Total |
| Stratum Dates: | 6/16-6/26 | | | | | | | | |
| Sample Dates: | 6/25 | | | | | | | | |
| Sample Size: | 602 | | | | | | | | |
| Female | Percent of Sample | 0.2 | 2.8 | 35.3 | 1.2 | 0.2 | 9.3 | 0.2 | 49.2 |
| | Number in Catch | 121 | 1,697 | 21,395 | 727 | 121 | 5,636 | 121 | 29,818 |
| Male | Percent of Sample | 0.3 | 7.8 | 28.6 | 3.3 | 0.0 | 10.8 | 0.0 | 50.8 |
| | Number in Catch | 182 | 4,727 | 17,333 | 2,000 | 0 | 6,546 | 0 | 30,788 |
| Total | Percent of Sample | 0.5 | 10.6 | 63.9 | 4.5 | 0.2 | 20.1 | 0.2 | 100.0 |
| | Number in Catch | 303 | 6,424 | 38,728 | 2,727 | 121 | 12,182 | 121 | 60,606 |
| | Standard Error | 174 | 761 | 1,187 | 512 | 110 | 991 | 110 | |
| Stratum Dates: | 6/30-7/04 [a] | | | | | | | | |
| Sample Dates: | 7/03 | | | | | | | | |
| Sample Size: | 573 | | | | | | | | |
| Female | Percent of Sample | 0.0 | 5.0 | 51.3 | 1.9 | 0.0 | 5.3 | 0.0 | 63.5 |
| | Number in Catch | 0 | 7,206 | 73,934 | 2,739 | 0 | 7,639 | 0 | 91,518 |
| Male | Percent of Sample | 0.2 | 5.0 | 28.2 | 1.2 | 0.0 | 1.9 | 0.0 | 36.5 |
| | Number in Catch | 288 | 7,206 | 40,642 | 1,729 | 0 | 2,738 | 0 | 52,603 |
| Total | Percent of Sample | 0.2 | 10.0 | 79.5 | 3.1 | 0.0 | 7.2 | 0.0 | 100.0 |
| | Number in Catch | 288 | 14,412 | 114,576 | 4,468 | 0 | 10,377 | 0 | 144,121 |
| | Standard Error | 269 | 1,808 | 2,433 | 1,044 | 0 | 1,558 | 0 | |
| Stratum Dates: | 7/07-7/10 | | | | | | | | |
| Sample Dates: | 7/10 | | | | | | | | |
| Sample Size: | 543 | | | | | | | | |
| Female | Percent of Sample | 0.2 | 5.9 | 49.9 | 0.7 | 0.4 | 2.6 | 0.0 | 59.7 |
| | Number in Catch | 172 | 5,087 | 43,020 | 603 | 345 | 2,242 | 0 | 51,469 |
| Male | Percent of Sample | 0.0 | 5.2 | 30.9 | 2.0 | 0.2 | 2.0 | 0.0 | 40.3 |
| | Number in Catch | 0 | 4,483 | 26,640 | 1,725 | 172 | 1,724 | 0 | 34,744 |
| Total | Percent of Sample | 0.2 | 11.1 | 80.8 | 2.7 | 0.6 | 4.6 | 0.0 | 100.0 |
| | Number in Catch | 172 | 9,570 | 69,660 | 2,328 | 517 | 3,966 | 0 | 86,213 |
| | Standard Error | 165 | 1,163 | 1,459 | 600 | 286 | 776 | 0 | |

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| | | Brood Year and Age Group | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1982 | | 1981 | | 1980 | | | |
| | | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | Total |
| Stratum Dates: | 7/14-8/06 | | | | | | | | |
| Sample Dates: | 7/15-8/06 | | | | | | | | |
| Sample Size: | 634 | | | | | | | | |
| Female | Percent of Sample | 0.0 | 4.4 | 38.5 | 0.3 | 0.0 | 4.4 | 0.0 | 47.6 |
| | Number in Catch | 0 | 3,987 | 34,891 | 272 | 0 | 3,988 | 0 | 43,138 |
| Male | Percent of Sample | 0.2 | 4.3 | 41.1 | 1.1 | 0.2 | 5.5 | 0.0 | 52.4 |
| | Number in Catch | 181 | 3,897 | 37,247 | 997 | 181 | 4,984 | 0 | 47,487 |
| Total | Percent of Sample | 0.2 | 8.7 | 79.6 | 1.4 | 0.2 | 9.9 | 0.0 | 100.0 |
| | Number in Catch | 181 | 7,884 | 72,138 | 1,269 | 181 | 8,972 | 0 | 90,625 |
| | Standard Error | 161 | 1,015 | 1,452 | 423 | 161 | 1,076 | 0 | |
| Combined Strata: | 6/16-8/06 | | | | | | | | |
| Sample Dates: | 6/25-8/06 | | | | | | | | |
| Sample Size: | 2,352 | | | | | | | | |
| Female | Percent of Sample | 0.1 | 4.7 | 45.5 | 1.1 | 0.1 | 5.1 | 0.0 | 56.6 |
| | Number in Catch | 293 | 17,977 | 173,240 | 4,341 | 466 | 19,505 | 121 | 215,943 |
| Male | Percent of Sample | 0.2 | 5.3 | 31.9 | 1.7 | 0.1 | 4.2 | 0.0 | 43.4 |
| | Number in Catch | 651 | 20,313 | 121,862 | 6,451 | 353 | 15,992 | 0 | 165,622 |
| Total | Percent of Sample | 0.3 | 10.0 | 77.4 | 2.8 | 0.2 | 9.3 | 0.0 | 100.0 |
| | Number in Catch | 944 | 38,290 | 295,102 | 10,792 | 819 | 35,497 | 121 | 381,565 |
| | Standard Error | 395 | 2,496 | 3,400 | 1,376 | 346 | 2,273 | 110 | |

[a]Catches after 6 July may contain a small portion of purse seine caught fish.

Appendix E.59. Temporally stratified age and sex composition of the sockeye salmon in commercial catches from the purse seine fishery in the Southwestern District, Prince William Sound, 1986.

| | | Brood Year and Age Group | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | | 1981 | | 1980 | | | 1979 | |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 3.3 | Total |
| Stratum Dates: | 7/16-7/18 | | | | | | | | | | | | |
| Sample Dates: | 7/17 | | | | | | | | | | | | |
| Sample Size: | 641 | | | | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.8 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 |
| | Number in Catch | 0 | 0 | 0 | 51 | 0 | 82 | 21 | 0 | 0 | 0 | 0 | 154 |
| Male | Percent of Sample | 0.0 | 0.8 | 0.2 | 15.8 | 0.0 | 61.3 | 5.0 | 0.0 | 15.4 | 0.0 | 0.0 | 98.5 |
| | Number in Catch | 0 | 82 | 21 | 1,623 | 0 | 6,295 | 513 | 0 | 1,581 | 0 | 0 | 10,115 |
| Total | Percent of Sample | 0.0 | 0.8 | 0.2 | 16.3 | 0.0 | 62.1 | 5.2 | 0.0 | 15.4 | 0.0 | 0.0 | 100.0 |
| | Number in Catch | 0 | 82 | 21 | 1,674 | 0 | 6,377 | 534 | 0 | 1,581 | 0 | 0 | 10,269 |
| | Standard Error | 0 | 36 | 18 | 150 | 0 | 197 | 90 | 0 | 147 | 0 | 0 | |
| Stratum Dates: | 7/23-7/25 | | | | | | | | | | | | |
| Sample Dates: | 7/24-7/26 | | | | | | | | | | | | |
| Sample Size: | 558 | | | | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Number in Catch | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Male | Percent of Sample | 0.0 | 0.0 | 0.2 | 16.3 | 0.0 | 64.6 | 5.6 | 0.0 | 12.9 | 0.4 | 0.0 | 100.0 |
| | Number in Catch | 0 | 0 | 13 | 1,059 | 0 | 4,199 | 364 | 0 | 838 | 26 | 0 | 6,499 |
| Total | Percent of Sample | 0.0 | 0.0 | 0.2 | 16.3 | 0.0 | 64.6 | 5.6 | 0.0 | 12.9 | 0.4 | 0.0 | 100.0 |
| | Number in Catch | 0 | 0 | 13 | 1,059 | 0 | 4,199 | 364 | 0 | 838 | 26 | 0 | 6,499 |
| | Standard Error | 0 | 0 | 12 | 102 | 0 | 132 | 63 | 0 | 92 | 17 | 0 | |
| Stratum Dates: | 7/29-7/31 | | | | | | | | | | | | |
| Sample Dates: | 7/30 | | | | | | | | | | | | |
| Sample Size: | 602 | | | | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Number in Catch | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Male | Percent of Sample | 0.0 | 0.0 | 1.0 | 31.4 | 0.2 | 52.5 | 6.6 | 0.2 | 8.1 | 0.0 | 0.0 | 100.0 |
| | Number in Catch | 0 | 0 | 55 | 1,722 | 11 | 2,879 | 362 | 11 | 444 | 0 | 0 | 5,484 |
| Total | Percent of Sample | 0.0 | 0.0 | 1.0 | 31.4 | 0.2 | 52.5 | 6.6 | 0.2 | 8.1 | 0.0 | 0.0 | 100.0 |
| | Number in Catch | 0 | 0 | 55 | 1,722 | 11 | 2,879 | 362 | 11 | 444 | 0 | 0 | 5,484 |
| | Standard Error | 0 | 0 | 22 | 104 | 10 | 112 | 56 | 10 | 61 | 0 | 0 | |

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| | | Brood Year and Age Group | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | | 1981 | | 1980 | | | 1979 | |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 3.3 | Total |
| Stratum Dates: | 8/04-8/06 | | | | | | | | | | | | |
| Sample Dates: | 8/05-8/06 | | | | | | | | | | | | |
| Sample Size: | 208 | | | | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Number in Catch | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Male | Percent of Sample | 0.0 | 0.0 | 0.0 | 50.2 | 0.0 | 32.4 | 13.5 | 0.0 | 3.9 | 0.0 | 0.0 | 100.0 |
| | Number in Catch | 0 | 0 | 0 | 1,776 | 0 | 1,146 | 477 | 0 | 138 | 0 | 0 | 3,537 |
| Total | Percent of Sample | 0.0 | 0.0 | 0.0 | 50.0 | 0.0 | 32.2 | 13.5 | 0.0 | 3.8 | 0.0 | 0.5 | 100.0 |
| | Number in Catch | 0 | 0 | 0 | 1,776 | 0 | 1,146 | 477 | 0 | 138 | 0 | 0 | 3,537 |
| | Standard Error | 0 | 0 | 0 | 123 | 0 | 115 | 84 | 0 | 47 | 0 | 17 | |
| Stratum Dates: | 8/11-8/15 | | | | | | | | | | | | |
| Sample Dates: | 8/12-8/13 | | | | | | | | | | | | |
| Sample Size: | 566 | | | | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Number in Catch | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Male | Percent of Sample | 0.0 | 0.7 | 0.0 | 73.0 | 0.2 | 9.2 | 14.0 | 0.0 | 2.7 | 0.0 | 0.2 | 100.0 |
| | Number in Catch | 0 | 70 | 0 | 7,288 | 20 | 919 | 1,397 | 0 | 270 | 0 | 20 | 9,984 |
| Total | Percent of Sample | 0.0 | 0.7 | 0.0 | 73.0 | 0.2 | 9.2 | 14.0 | 0.0 | 2.7 | 0.0 | 0.2 | 100.0 |
| | Number in Catch | 0 | 70 | 0 | 7,288 | 20 | 919 | 1,397 | 0 | 270 | 0 | 20 | 9,984 |
| | Standard Error | 0 | 35 | 0 | 186 | 19 | 121 | 146 | 0 | 68 | 0 | 19 | |
| Stratum Dates: | 8/18-8/29 | | | | | | | | | | | | |
| Sample Dates: | 8/19-8/29 | | | | | | | | | | | | |
| Sample Size: | 703 | | | | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Number in Catch | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Male | Percent of Sample | 0.3 | 0.9 | 0.3 | 83.6 | 0.6 | 2.7 | 10.3 | 0.0 | 1.0 | 0.3 | 0.0 | 100.0 |
| | Number in Catch | 19 | 58 | 19 | 5,357 | 38 | 173 | 660 | 0 | 64 | 19 | 0 | 6,407 |
| Total | Percent of Sample | 0.3 | 0.9 | 0.3 | 83.6 | 0.6 | 2.7 | 10.3 | 0.0 | 1.0 | 0.3 | 0.0 | 100.0 |
| | Number in Catch | 19 | 58 | 19 | 5,357 | 38 | 173 | 660 | 0 | 64 | 19 | 0 | 6,407 |
| | Standard Error | 13 | 23 | 13 | 90 | 19 | 39 | 74 | 0 | 24 | 13 | 0 | |

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| | | Brood Year and Age Group | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | | 1981 | | 1980 | | | 1979 | |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 3.3 | Total |
| Combined Strata: | 7/16-8/29 | | | | | | | | | | | | |
| Sample Dates: | 7/17-8/29 | | | | | | | | | | | | |
| Sample Size: | 3,278 | | | | | | | | | | | | |
| Female | Percent of Sample | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 |
| | Number in Catch | 0 | 0 | 0 | 51 | 0 | 82 | 21 | 0 | 0 | 0 | 0 | 154 |
| Male | Percent of Sample | 0.0 | 0.5 | 0.3 | 44.6 | 0.2 | 37.0 | 8.9 | 0.0 | 7.9 | 0.1 | 0.0 | 99.6 |
| | Number in Catch | 19 | 210 | 108 | 18,825 | 69 | 15,611 | 3,773 | 11 | 3,335 | 45 | 20 | 42,026 |
| Total | Percent of Sample | 0.0 | 0.5 | 0.3 | 44.8 | 0.2 | 37.2 | 9.0 | 0.0 | 7.9 | 0.1 | 0.0 | 100.0 |
| | Number in Catch | 19 | 210 | 108 | 18,876 | 69 | 15,693 | 3,794 | 11 | 3,335 | 45 | 20 | 42,180 |
| | Standard Error | 13 | 55 | 34 | 319 | 28 | 313 | 221 | 10 | 203 | 22 | 26 | |

Appendix E.60. Estimated age and sex composition of coho salmon commercial catch in the purse seine fisheries in the combined districts of Prince William Sound, 1986.

| | | Brood Year and Age Group 1983 1.1 | 1982 2.1 | 1981 3.1 | Total |
|---|---|---|---|---|---|
| Stratum Dates: | 6/30-8/29[a] | | | | |
| Sample Dates: | 8/11-8/15 | | | | |
| Sample Size: | 491 | | | | |
| Female | Percent of Sample | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA |
| Total | Percent of Sample | 62.9 | 36.5 | 0.6 | 100.0 |
| | Number in Catch | 7,182 | 4,168 | 69 | 11,418 |
| | Standard Error | 248 | 248 | 40 | |

[a]Due to time constraints fish sampled were not sexed.

Appendix E.61. Temporally stratified age and sex composition of chum salmon in the commercial catches from the Coghill District drift gill net fishery, Prince William Sound, 1986.

| | | Brood Year and Age Group | | | | |
|---|---|---|---|---|---|---|
| | | 1983 | 1982 | 1981 | 1980 | |
| | | 0.2 | 0.3 | 0.4 | 0.5 | Total |
| Stratum Dates: | 6/16-7/04 | | | | | |
| Sample Dates: | 6/25 | | | | | |
| Sample Size: | 378 | | | | | |
| Female | Percent of Sample | 2.1 | 48.7 | 5.6 | 0.3 | 56.7 |
| | Number in Catch | 2,188 | 50,745 | 5,835 | 313 | 59,081 |
| Male | Percent of Sample | 2.7 | 33.8 | 6.8 | 0.0 | 43.3 |
| | Number in Catch | 2,813 | 35,219 | 7,086 | 0 | 45,118 |
| Total | Percent of Sample | 4.8 | 82.5 | 12.4 | 0.3 | 100.0 |
| | Number in Catch | 5,001 | 85,964 | 12,921 | 313 | 104,199 |
| | Standard Error | 1,147 | 2,039 | 1,769 | 293 | |
| Stratum Dates: | 7/07-8/06 | | | | | |
| Sample Dates: | 7/16 | | | | | |
| Sample Size: | 386 | | | | | |
| Female | Percent of Sample | 1.0 | 53.5 | 6.0 | 0.3 | 60.8 |
| | Number in Catch | 1,148 | 61,403 | 6,886 | 344 | 69,781 |
| Male | Percent of Sample | 0.3 | 33.8 | 4.6 | 0.5 | 39.2 |
| | Number in Catch | 344 | 38,793 | 5,280 | 574 | 44,991 |
| Total | Percent of Sample | 1.3 | 87.3 | 10.6 | 0.8 | 100.0 |
| | Number in Catch | 1,492 | 100,196 | 12,166 | 918 | 114,772 |
| | Standard Error | 663 | 1,948 | 1,801 | 521 | |
| Combined Strata: | 6/16-8/06 | | | | | |
| Sample Dates: | 6/25-7/16 | | | | | |
| Sample Size: | 764 | | | | | |
| Female | Percent of Sample | 1.5 | 51.2 | 5.8 | 0.3 | 58.8 |
| | Number in Catch | 3,336 | 112,148 | 12,721 | 657 | 128,862 |
| Male | Percent of Sample | 1.4 | 33.8 | 5.6 | 0.3 | 41.2 |
| | Number in Catch | 3,157 | 74,012 | 12,366 | 574 | 90,109 |
| Total | Percent of Sample | 3.0 | 85.0 | 11.4 | 0.6 | 100.0 |
| | Number in Catch | 6,493 | 186,160 | 25,087 | 1,231 | 218,971 |
| | Standard Error | 1,325 | 2,820 | 2,524 | 598 | |

Appendix E.62. Temporally stratified age and sex composition of chum salmon in the commercial catches from the Eastern District purse seine fishery, Prince William Sound, 1986.

| | | Brood Year and Age Group | | | | |
|---|---|---|---|---|---|---|
| | | 1983 | 1982 | 1981 | 1980 | |
| | | 0.2 | 0.3 | 0.4 | 0.5 | Total |
| Stratum Dates: | 6/30-7/01 | | | | | |
| Sample Dates: | 7/01 | | | | | |
| Sample Size: | 391 | | | | | |
| Female | Percent of Sample | 0.3 | 41.7 | 11.0 | 0.3 | 53.3 |
| | Number in Catch | 274 | 38,089 | 10,048 | 274 | 48,685 |
| Male | Percent of Sample | 0.7 | 35.0 | 10.0 | 1.0 | 46.7 |
| | Number in Catch | 639 | 31,970 | 9,134 | 913 | 42,656 |
| Total | Percent of Sample | 1.0 | 76.7 | 21.0 | 1.3 | 100.0 |
| | Number in Catch | 913 | 70,059 | 19,182 | 1,187 | 91,341 |
| | Standard Error | 460 | 1,955 | 1,884 | 524 | |
| Stratum Dates: | 7/09-7/10 | | | | | |
| Sample Dates: | 7/10 | | | | | |
| Sample Size: | 398 | | | | | |
| Female | Percent of Sample | 0.5 | 42.2 | 9.0 | 0.3 | 52.0 |
| | Number in Catch | 607 | 51,270 | 10,934 | 364 | 63,175 |
| Male | Percent of Sample | 0.5 | 37.4 | 10.1 | 0.0 | 48.0 |
| | Number in Catch | 608 | 45,438 | 12,271 | 0 | 58,317 |
| Total | Percent of Sample | 1.0 | 79.6 | 19.1 | 0.3 | 100.0 |
| | Number in Catch | 1,215 | 96,708 | 23,205 | 364 | 121,492 |
| | Standard Error | 607 | 2,457 | 2,397 | 333 | |
| Stratum Dates: | 7/17-7/25[a] | | | | | |
| Sample Dates: | 7/24 | | | | | |
| Sample Size: | 482 | | | | | |
| Female | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Total | Percent of Sample | 1.2 | 85.3 | 13.3 | 0.2 | 100.0 |
| | Number in Catch | 3,168 | 225,163 | 35,107 | 528 | 263,966 |
| | Standard Error | 1,311 | 4,262 | 4,087 | 538 | |
| Stratum Dates: | 7/29-7/31[a] | | | | | |
| Sample Dates: | 7/30 | | | | | |
| Sample Size: | 488 | | | | | |
| Female | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Total | Percent of Sample | 2.5 | 72.3 | 25.2 | 0.0 | 100.0 |
| | Number in Catch | 4,174 | 120,699 | 42,069 | 0 | 166,942 |
| | Standard Error | 1,181 | 3,385 | 3,284 | 0 | |

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| | | Brood Year and Age Group | | | | |
|---|---|---|---|---|---|---|
| | | 1983 | 1982 | 1981 | 1980 | |
| | | 0.2 | 0.3 | 0.4 | 0.5 | Total |
| Stratum Dates: | 8/04-8/08 [a] | | | | | |
| Sample Dates: | 8/05 | | | | | |
| Sample Size: | 414 | | | | | |
| Female | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Total | Percent of Sample | 1.0 | 79.2 | 19.8 | 0.0 | 100.0 |
| | Number in Catch | 1,332 | 105,529 | 26,382 | 0 | 133,243 |
| | Standard Error | 652 | 2,661 | 2,613 | 0 | |
| Stratum Dates: | 8/11-8/29 [a] | | | | | |
| Sample Dates: | 8/12-8/29 | | | | | |
| Sample Size: | 400 | | | | | |
| Female | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Total | Percent of Sample | 0.3 | 80.4 | 19.3 | 0.0 | 100.0 |
| | Number in Catch | 214 | 57,477 | 13,797 | 0 | 71,488 |
| | Standard Error | 196 | 1,421 | 1,412 | 0 | |
| Combined Strata: | 6/30-8/29 | | | | | |
| Sample Dates: | 7/01-8/29 | | | | | |
| Sample Size: | 2,573 | | | | | |
| Female | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Total | Percent of Sample | 1.3 | 79.7 | 18.8 | 0.2 | 100.0 |
| | Number in Catch | 11,016 | 675,635 | 159,742 | 2,079 | 848,472 |
| | Standard Error | 2,039 | 6,970 | 6,753 | 821 | |

[a] Due to time constraints fish sampled in these strata were not used.

Appendix E.63. Temporally stratified age and sex composition of chum salmon in the commercial catches from the Northern District purse seine fishery, Prince William Sound, 1986.

| | | Brood Year and Age Group 1983 0.2 | 1982 0.3 | 1981 0.4 | Total |
|---|---|---|---|---|---|
| Stratum Dates: | 7/09-7/10 | | | | |
| Sample Dates: | 7/10 | | | | |
| Sample Size: | 414 | | | | |
| Female | Percent of Sample | 0.7 | 44.0 | 1.7 | 46.4 |
| | Number in Catch | 891 | 55,996 | 2,163 | 59,050 |
| Male | Percent of Sample | 3.4 | 45.4 | 4.8 | 53.6 |
| | Number in Catch | 4,327 | 57,777 | 6,109 | 68,213 |
| Total | Percent of Sample | 4.1 | 89.4 | 6.5 | 100.0 |
| | Number in Catch | 5,218 | 113,773 | 8,272 | 127,263 |
| | Standard Error | 1,242 | 1,928 | 1,544 | |
| Stratum Dates: | 7/17-7/18[a] | | | | |
| Sample Dates: | 7/19 | | | | |
| Sample Size: | 424 | | | | |
| Female | Percent of Sample | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA |
| Total | Percent of Sample | 2.4 | 86.8 | 10.8 | 100.0 |
| | Number in Catch | 1,149 | 41,561 | 5,171 | 47,881 |
| | Standard Error | 356 | 788 | 723 | |
| Stratum Dates: | 7/23-7/25[a] | | | | |
| Sample Dates: | 7/24 | | | | |
| Sample Size: | 392 | | | | |
| Female | Percent of Sample | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA |
| Total | Percent of Sample | 7.1 | 78.4 | 14.5 | 100.0 |
| | Number in Catch | 2,292 | 25,308 | 4,681 | 32,281 |
| | Standard Error | 419 | 672 | 575 | |
| Stratum Dates: | 7/29-7/31[a] | | | | |
| Sample Dates: | 7/30 | | | | |
| Sample Size: | 447 | | | | |
| Female | Percent of Sample | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA |
| Total | Percent of Sample | 2.7 | 89.9 | 7.4 | 100.0 |
| | Number in Catch | 694 | 23,120 | 1,903 | 25,717 |
| | Standard Error | 197 | 367 | 319 | |

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| | | Brood Year and Age Group 1983 0.2 | 1982 0.3 | 1981 0.4 | Total |
|---|---|---|---|---|---|
| Stratum Dates: | 8/04-8/22[a] | | | | |
| Sample Dates: | 8/06-8/22 | | | | |
| Sample Size: | 450 | | | | |
| Female | Percent of Sample | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA |
| Total | Percent of Sample | 10.0 | 74.7 | 15.3 | 100.0 |
| | Number in Catch | 1,595 | 11,917 | 2,441 | 15,953 |
| | Standard Error | 226 | 327 | 271 | |
| Combined Strata: | 7/09-8/22 | | | | |
| Sample Dates: | 7/10-8/22 | | | | |
| Sample Size: | 2,127 | | | | |
| Female | Percent of Sample | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA |
| Total | Percent of Sample | 4.4 | 86.6 | 9.0 | 100.0 |
| | Number in Catch | 10,948 | 215,679 | 22,468 | 249,095 |
| | Standard Error | 1,391 | 2,243 | 1,847 | |

[a]Due to time constraints fish sampled in these strata were not used.

Appendix E.64. Temporally stratified age and sex composition of chum salmon in the commercial catches from the Northwestern District purse seine fishery, Prince William Sound, 1986.

| | | Brood Year and Age Group | | | | |
|---|---|---|---|---|---|---|
| | | 1983 | 1982 | 1981 | 1980 | |
| | | 0.2 | 0.3 | 0.4 | 0.5 | Total |
| Stratum Dates: | 7/09-7/10 | | | | | |
| Sample Dates: | 7/10 | | | | | |
| Sample Size: | 372 | | | | | |
| Female | Percent of Sample | 0.3 | 38.6 | 11.8 | 1.1 | 51.8 |
| | Number in Catch | 119 | 15,351 | 4,693 | 437 | 20,600 |
| Male | Percent of Sample | 0.0 | 32.3 | 14.8 | 1.1 | 48.2 |
| | Number in Catch | 0 | 12,845 | 5,886 | 438 | 19,169 |
| Total | Percent of Sample | 0.3 | 70.9 | 26.6 | 2.2 | 100.0 |
| | Number in Catch | 119 | 28,196 | 10,579 | 875 | 39,769 |
| | Standard Error | 113 | 938 | 912 | 303 | |
| Stratum Dates: | 7/17-7/18[a] | | | | | |
| Sample Dates: | 7/19 | | | | | |
| Sample Size: | 368 | | | | | |
| Female | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Total | Percent of Sample | 0.8 | 81.9 | 16.8 | 0.5 | 100.0 |
| | Number in Catch | 192 | 19,703 | 4,042 | 120 | 24,057 |
| | Standard Error | 112 | 483 | 469 | 89 | |
| Stratum Dates: | 7/23-7/25[a] | | | | | |
| Sample Dates: | 7/25 | | | | | |
| Sample Size: | 442 | | | | | |
| Female | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Total | Percent of Sample | 2.0 | 86.7 | 11.1 | 0.2 | 100.0 |
| | Number in Catch | 225 | 9,743 | 1,248 | 22 | 11,238 |
| | Standard Error | 75 | 182 | 168 | 24 | |
| Combined Strata: | 7/29-7/31 | | | | | |
| Sample Dates: | 7/30 | | | | | |
| Sample Size: | 1,182 | | | | | |
| Female | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Total | Percent of Sample | 0.7 | 76.8 | 21.1 | 1.4 | 100.0 |
| | Number in Catch | 536 | 57,642 | 15,869 | 1,017 | 75,064 |
| | Standard Error | 176 | 1,071 | 1,040 | 316 | |

[a]Due to time constraints fish sampled in these strata were not sexed.

Appendix E.65. Temporally stratified age and sex composition of chum salmon in the commercial catches from the Southwestern District purse seine fishery, Prince William Sound, 1986.

| | | Brood Year and Age Group | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | 1982 | 1981 | 1980 | |
| | | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | Total |
| Stratum Dates: | 7/16-7/18 | | | | | | |
| Sample Dates: | 7/17-7/19 | | | | | | |
| Sample Size: | 404 | | | | | | |
| Female | Percent of Sample | 0.0 | 0.5 | 17.1 | 3.5 | 0.0 | 21.1 |
| | Number in Catch | 0 | 104 | 3,568 | 731 | 0 | 4,403 |
| Male | Percent of Sample | 0.0 | 2.5 | 61.3 | 14.9 | 0.2 | 78.9 |
| | Number in Catch | 0 | 522 | 12,791 | 3,109 | 42 | 16,464 |
| Total | Percent of Sample | 0.0 | 3.0 | 78.4 | 18.4 | 0.2 | 100.0 |
| | Number in Catch | 0 | 626 | 16,359 | 3,840 | 42 | 20,867 |
| | Standard Error | 0 | 177 | 428 | 403 | 46 | |
| Stratum Dates: | 7/23-7/25 [a] | | | | | | |
| Sample Dates: | 7/24-7/25 | | | | | | |
| Sample Size: | 441 | | | | | | |
| Female | Percent of Sample | NA | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA | NA |
| Total | Percent of Sample | 0.0 | 1.6 | 79.8 | 18.1 | 0.5 | 100.0 |
| | Number in Catch | 0 | 511 | 25,499 | 5,783 | 160 | 31,953 |
| | Standard Error | 0 | 191 | 612 | 586 | 107 | |
| Stratum Dates: | 7/29-7/31 [a] | | | | | | |
| Sample Dates: | 7/30 | | | | | | |
| Sample Size: | 410 | | | | | | |
| Female | Percent of Sample | NA | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA | NA |
| Total | Percent of Sample | 0.0 | 2.9 | 82.5 | 14.6 | 0.0 | 100.0 |
| | Number in Catch | 0 | 1,739 | 49,483 | 8,757 | 0 | 59,979 |
| | Standard Error | 0 | 498 | 1,127 | 1,047 | 0 | |
| Stratum Dates: | 8/04-8/29 [a] | | | | | | |
| Sample Dates: | 8/05-8/29 | | | | | | |
| Sample Size: | 414 | | | | | | |
| Female | Percent of Sample | NA | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA | NA |
| Total | Percent of Sample | 0.2 | 4.6 | 79.3 | 15.7 | 0.2 | 100.0 |
| | Number in Catch | 162 | 3,727 | 64,246 | 12,720 | 162 | 81,017 |
| | Standard Error | 178 | 835 | 1,615 | 1,450 | 178 | |

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| | | Brood Year and Age Group | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | 1982 | 1981 | 1980 | |
| | | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | Total |
| Combined Strata: | 7/16-8/29[a] | | | | | | |
| Sample Dates: | 7/17-8/29 | | | | | | |
| Sample Size: | 1,669 | | | | | | |
| Female | Percent of Sample | NA | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA | NA |
| Total | Percent of Sample | 0.1 | 3.4 | 80.3 | 16.0 | 0.2 | 100.0 |
| | Number in Catch | 162 | 6,603 | 155,587 | 31,100 | 364 | 193,816 |
| | Standard Error | 178 | 1,007 | 2,106 | 1,925 | 213 | |

[a]Due to time contraints fish sampled in these strata were not sexed.

Appendix E.66. Temporally stratified age and sex composition of chum salmon in the commercial catches from the Southeastern District purse seine fishery, Prince William Sound, 1986.

| | | Brood Year and Age Group | | | | |
|---|---|---|---|---|---|---|
| | | 1983 | 1982 | 1981 | 1980 | |
| | | 0.2 | 0.3 | 0.4 | 0.5 | Total |
| Stratum Dates: | 7/09-7/25 [a] | | | | | |
| Sample Dates: | 7/10-7/25 | | | | | |
| Sample Size: | 411 | | | | | |
| Female | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Total | Percent of Sample | 1.5 | 83.7 | 14.8 | 0.0 | 100.0 |
| | Number in Catch | 260 | 14,492 | 2,562 | 0 | 17,314 |
| | Standard Error | 104 | 316 | 304 | 0 | |
| Stratum Dates: | 7/29-7/31 [a] | | | | | |
| Sample Dates: | 7/30 | | | | | |
| Sample Size: | 416 | | | | | |
| Female | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Total | Percent of Sample | 4.1 | 79.3 | 16.6 | 0.0 | 100.0 |
| | Number in Catch | 415 | 8,020 | 1,679 | 0 | 10,114 |
| | Standard Error | 98 | 201 | 185 | 0 | |
| Stratum Dates: | 8/04-8/22 [a] | | | | | |
| Sample Dates: | 8/05-8/22 | | | | | |
| Sample Size: | 289 | | | | | |
| Female | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Total | Percent of Sample | 4.5 | 71.3 | 23.9 | 0.3 | 100.0 |
| | Number in Catch | 426 | 6,756 | 2,265 | 28 | 9,475 |
| | Standard Error | 116 | 253 | 238 | 31 | |
| Combined Strata: | 7/09-8/22 | | | | | |
| Sample Dates: | 7/10-8/22 | | | | | |
| Sample Size: | 1,116 | | | | | |
| Female | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Male | Percent of Sample | NA | NA | NA | NA | NA |
| | Number in Catch | NA | NA | NA | NA | NA |
| Total | Percent of Sample | 3.0 | 79.3 | 17.6 | 0.1 | 100.0 |
| | Number in Catch | 1,101 | 29,268 | 6,506 | 28 | 36,903 |
| | Standard Error | 184 | 452 | 428 | 31 | |

[a] Due to time constraints fish sampled in these strata were not sexed.

# APPENDIX F

## Escapements to coastal streams around Prince William Sound

Appendix F.1. Daily escapement counts of sockeye, pink, chum, and chinook salmon through the weir below Coghill Lake, 1986.

| | Daily Escapements | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Sockeye | | Pink | | Chum | | Chinook | |
| Date | Daily | Cumulative | Daily | Cumulative | Daily | Cumulative | Daily | Cumulative |
| 6 / 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 / 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 / 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 / 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /16 | 66 | 66 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /17 | 38 | 104 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /18 | 0 | 104 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /19 | 31 | 135 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /20 | 15 | 150 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /21 | 32 | 182 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /22 | 182 | 364 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /23 | 499 | 863 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /24 | 0 | 863 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /25 | 89 | 952 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /26 | 0 | 952 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /27 | 59 | 1,011 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /28 | 412 | 1,423 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 /29 | 617 | 2,040 | 0 | 0 | 0 | 0 | 1 | 1 |
| 6 /30 | 501 | 2,541 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7 / 1 | 6,710 | 9,251 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7 / 2 | 4,820 | 14,071 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7 / 3 | 1,998 | 16,069 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7 / 4 | 901 | 16,970 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7 / 5 | 3,366 | 20,336 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7 / 6 | 5,421 | 25,757 | 0 | 0 | 0 | 0 | 3 | 4 |
| 7 / 7 | 2,779 | 28,536 | 0 | 0 | 0 | 0 | 0 | 4 |
| 7 / 8 | 673 | 29,209 | 0 | 0 | 0 | 0 | 0 | 4 |
| 7 / 9 | 397 | 29,606 | 1 | 1 | 0 | 0 | 0 | 4 |
| 7 /10 | 1,201 | 30,807 | 2 | 3 | 0 | 0 | 0 | 4 |
| 7 /11 | 1,660 | 32,467 | 5 | 8 | 2 | 2 | 0 | 4 |
| 7 /12 | 3,292 | 35,759 | 4 | 12 | 0 | 2 | 1 | 5 |
| 7 /13 | 430 | 36,189 | 2 | 14 | 0 | 2 | 0 | 5 |
| 7 /14 | 1,307 | 37,496 | 9 | 23 | 5 | 7 | 1 | 6 |
| 7 /15 | 724 | 38,220 | 0 | 23 | 0 | 7 | 0 | 6 |
| 7 /16 | 436 | 38,656 | 0 | 23 | 13 | 20 | 0 | 6 |
| 7 /17 | 567 | 39,223 | 11 | 34 | 6 | 26 | 1 | 7 |
| 7 /18 | 1,423 | 40,646 | 38 | 72 | 27 | 53 | 0 | 7 |
| 7 /19 | 2,314 | 42,960 | 37 | 109 | 37 | 90 | 1 | 8 |
| 7 /20 | 14,081 | 57,041 | 128 | 237 | 4 | 94 | 2 | 10 |
| 7 /21 | 8,319 | 65,360 | 193 | 430 | 50 | 144 | 0 | 10 |
| 7 /22 | 3,820 | 69,180 | 145 | 575 | 56 | 200 | 0 | 10 |
| 7 /23 | 395 | 69,575 | 30 | 605 | 21 | 221 | 0 | 10 |
| 7 /24[a] | 0 | 69,575 | 0 | 605 | 0 | 221 | 0 | 10 |
| Totals | | 69,575 | | 605 | | 221 | | 10 |

[a]Weir closed.

Appendix F.2. Daily escapement counts of sockeye, pink, and coho salmon through the weir below Eshamy Lake, 1986.

| | Escapements | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Sockeye | | Pink | | Chum | | Coho | |
| Date | Daily | Cumulative | Daily | Cumulative | Daily | Cumulative | Daily | Cumulative |
| 6/22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6/23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6/24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6/25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6/26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6/27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6/28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6/29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6/30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7/ 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7/ 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7/ 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7/ 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7/ 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7/ 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7/ 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7/ 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7/ 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7/10 | 83 | 83 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7/11 | 52 | 135 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7/12 | 46 | 181 | 3 | 3 | 0 | 0 | 0 | 0 |
| 7/13 | 122 | 303 | 2 | 5 | 2 | 2 | 0 | 0 |
| 7/14 | 95 | 398 | 3 | 8 | 3 | 5 | 0 | 0 |
| 7/15 | 77 | 475 | 3 | 11 | 2 | 7 | 0 | 0 |
| 7/16 | 105 | 580 | 4 | 15 | 5 | 12 | 0 | 0 |
| 7/17 | 32 | 612 | 3 | 18 | 2 | 14 | 0 | 0 |
| 7/18 | 59 | 671 | 2 | 20 | 5 | 19 | 0 | 0 |
| 7/19 | 41 | 712 | 5 | 25 | 3 | 22 | 0 | 0 |
| 7/20 | 91 | 803 | 10 | 35 | 6 | 28 | 0 | 0 |
| 7/21 | 30 | 833 | 0 | 35 | 3 | 31 | 0 | 0 |
| 7/22 | 1 | 834 | 0 | 35 | 0 | 31 | 0 | 0 |
| 7/23 | 4 | 838 | 2 | 37 | 0 | 31 | 0 | 0 |
| 7/24 | 65 | 903 | 7 | 44 | 0 | 31 | 0 | 0 |
| 7/25 | 1 | 904 | 1 | 45 | 0 | 31 | 0 | 0 |
| 7/26 | 30 | 934 | 1 | 46 | 0 | 31 | 0 | 0 |
| 7/27 | 15 | 949 | 1 | 47 | 0 | 31 | 0 | 0 |
| 7/28 | 130 | 1,079 | 2 | 49 | 0 | 31 | 0 | 0 |
| 7/29 | 83 | 1,162 | 13 | 62 | 0 | 31 | 0 | 0 |
| 7/30 | 74 | 1,236 | 15 | 77 | 0 | 31 | 0 | 0 |
| 7/31 | 12 | 1,248 | 8 | 85 | 0 | 31 | 0 | 0 |

-Continued-

Appendix F.2. (page 2 of 2)

| | Escapements | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Sockeye | | Pink | | Chum | | Coho | |
| Date | Daily | Cumulative | Daily | Cumulative | Daily | Cumulative | Daily | Cumulative |
| 8/ 1 | 36 | 1,284 | 27 | 112 | 0 | 31 | 0 | 0 |
| 8/ 2 | 31 | 1,315 | 21 | 133 | 0 | 31 | 0 | 0 |
| 8/ 3 | 43 | 1,358 | 19 | 152 | 0 | 31 | 0 | 0 |
| 8/ 4 | 73 | 1,431 | 66 | 218 | 0 | 31 | 0 | 0 |
| 8/ 5 | 39 | 1,470 | 25 | 243 | 0 | 31 | 0 | 0 |
| 8/ 6 | 149 | 1,619 | 98 | 341 | 0 | 31 | 0 | 0 |
| 8/ 7 | 35 | 1,654 | 21 | 362 | 0 | 31 | 0 | 0 |
| 8/ 8 | 342 | 1,996 | 75 | 437 | 0 | 31 | 0 | 0 |
| 8/ 9 | 184 | 2,180 | 30 | 467 | 0 | 31 | 0 | 0 |
| 8/10 | 136 | 2,316 | 42 | 509 | 0 | 31 | 0 | 0 |
| 8/11 | 260 | 2,576 | 41 | 550 | 0 | 31 | 0 | 0 |
| 8/12 | 486 | 3,062 | 47 | 597 | 0 | 31 | 8 | 8 |
| 8/13 | 362 | 3,424 | 35 | 632 | 0 | 31 | 8 | 16 |
| 8/14 | 192 | 3,616 | 16 | 648 | 0 | 31 | 11 | 27 |
| 8/15 | 233 | 3,849 | 18 | 666 | 0 | 31 | 10 | 37 |
| 8/16 | 143 | 3,992 | 17 | 683 | 0 | 31 | 2 | 39 |
| 8/17 | 63 | 4,055 | 9 | 692 | 0 | 31 | 0 | 39 |
| 8/18 | 99 | 4,154 | 6 | 698 | 0 | 31 | 10 | 49 |
| 8/19 | 135 | 4,289 | 14 | 712 | 0 | 31 | 3 | 52 |
| 8/20 | 135 | 4,424 | 9 | 721 | 0 | 31 | 1 | 53 |
| 8/21 | 223 | 4,647 | 24 | 24 | 0 | 31 | 0 | 0 |
| 8/22 | 323 | 4,970 | 40 | 64 | 0 | 31 | 0 | 0 |
| 8/23 | 167 | 5,137 | 20 | 84 | 0 | 31 | 0 | 0 |
| 8/24 | 199 | 5,336 | 10 | 94 | 0 | 31 | 2 | 2 |
| 8/25 | 279 | 5,615 | 15 | 109 | 0 | 31 | 1 | 3 |
| 8/26 | 717 | 6,332 | 34 | 143 | 0 | 31 | 0 | 3 |
| 8/27 | 118 | 6,450 | 9 | 152 | 0 | 31 | 0 | 3 |
| 8/28 | 106 | 6,556 | 13 | 165 | 0 | 31 | 1 | 4 |
| 8/29 | 35 | 6,591 | 10 | 175 | 0 | 31 | 0 | 4 |
| 8/30 | 8 | 6,599 | 2 | 177 | 0 | 31 | 0 | 4 |
| 8/31 [a] | 0 | 6,599 | 0 | 177 | 0 | 31 | 0 | 4 |
| 9/ 1 | 118 | 6,717 | 17 | 194 | 0 | 31 | 12 | 16 |
| 9/ 2 | 30 | 6,747 | 7 | 201 | 0 | 31 | 1 | 17 |
| 9/ 3 | 75 | 6,822 | 36 | 237 | 0 | 31 | 10 | 27 |
| 9/ 4 | 38 | 6,860 | 11 | 248 | 0 | 31 | 3 | 30 |
| 9/ 5 | 25 | 6,885 | 9 | 257 | 0 | 31 | 2 | 32 |
| 9/ 6 | 60 | 6,945 | 20 | 277 | 0 | 31 | 1 | 33 |
| 9/ 7 | 4 | 6,949 | 7 | 284 | 0 | 31 | 0 | 33 |
| Totals | | 6,949 | | 284 | | 31 | | 86 |

[a]Weir closed.

Appendix F.3. Sockeye salmon aerial escapement indices from selected systems in Prince William Sound, 1986.[a]

| | | Weekly Count (Week Ending Dates) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stream Name | Stream Number | 28-Jun | 05-Jul | 12-Jul | 19-Jul | 26-Jul | 02-Aug | 09-Aug | 16-Aug | 23-Aug | 30-Aug | 06-Sep |
| Robe River | 137 | | | | | | | | | | | |
| Billy's Hole | 218 | 300 | 2,000 | 2,000 | 950 | | 4,000 | 800 | | | | |
| Red Lake | 300 | | 50 | | | 300 | 300 | 100 | 300 | | | |
| Halferty Creek | 454 | | | | | | 50 | | | 450 | | |
| Cochrane Creek | 461 | | | | | | | | 200 | 150 | | |
| Shrode Lake | 476 | | | 50 | 900 | 100 | 1,500 | | | 1,100 | | 150 |
| Jackpot Lakes | 608 | | 600 | 400 | 250 | 300 | 950 | 1,800 | | 450 | | 350 |
| Bainbridge | 630 | | | 200 | 500 | 100 | 180 | | | 150 | | 30 |
| Point Creek | 702 | | | | | | | | | | | |

[a]These surveys are incidental pink salmon escapement surveys and may not represent total live fish present.

Appendix F.4. Weekly aerial estimates of the escapements of pink salmon in Prince William Sound by district, subdistrict, and stream, 1986. Counts are live fish in streams.

EASTERN DISTRICT

WEEK-ENDING DATE

| STREAM NO. | STREAM NAME OR LOCATION | 6/19 | 6/26 | 7/03 | 7/10 | 7/17 | 7/24 | 7/31 | 8/07 | 8/14 | 8/21 | 8/28 | 9/04 | 9/11 | 9/18 | 9/25 | CUM. TOTALS | ADJ. STR. TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | HARTNEY CREEK | 0* | 0* | 0* | 0* | 100* | 200* | 500* | 930* | 1360* | 1600* | 900* | 450* | 220* | 110* | 0* | 6570 | 2700 |
| 5 | ECCLES CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 120* | 250* | 500* | 500* | 250* | 120* | 60* | 0* | 1800 | 800 |
| 8 | FLEMING CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 11 | HUMPY CREEK | 0* | 0* | 0* | 0* | 1300* | 3550* | 5800* | 7500* | 7500* | 7500* | 5250* | 3000* | 1300* | 650* | 0* | 43350 | 18160 |
| SUBDISTRICT 221-10 TOTAL | | 0 | 0 | 0 | 0 | 1400 | 3750 | 6300 | 8550 | 9110 | 9800 | 6650 | 3700 | 1640 | 820 | 0 | 51720 | 21660 |
| 19 | TWIN LAKES CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 50* | 330* | 600* | 600* | 300* | 150* | 80* | 0* | 2110 | 900 |
| 20 | SPRING CREEK | 0* | 0* | 0* | 0* | 0* | 20* | 200* | 100* | 220* | 350* | 350* | 180* | 90* | 40* | 0* | 1550 | 650 |
| 21 | ROGUE CREEK | 0* | 0* | 0* | 0* | 350* | 600* | 1000* | 900* | 700* | 500* | 250* | 120* | 60* | 30* | 0* | 4510 | 2170 |
| 23 | CHASE CREEK | 0* | 0* | 0* | 0* | 150* | 2000* | 4000* | 3000* | 2750* | 2500* | 1630* | 1000* | 1000* | 500* | 250* | 18780 | 7630 |
| 35 | KOPPEN CREEK | 0* | 0* | 2000* | 2000* | 3000* | 2500* | 12000* | 10000* | 8000* | 6000* | 6550* | 7100* | 6000* | 3000* | 1500* | 69650 | 30340 |
| 36 | SHEEP RIVER | 0* | 0* | 0* | 250* | 600* | 2500* | 2500* | 3500* | 3750* | 4000* | 5350* | 6700* | 14700* | 7350* | 3680* | 54880 | 23650 |
| 37 | ALLEN CREEK | 0* | 0* | 0* | 0* | 0* | 20* | 300* | 400* | 230* | 50* | 50* | 20* | 10* | 0* | 0* | 1080 | 470 |
| SUBDISTRICT 221-20 TOTAL | | 0 | 0 | 2000 | 2250 | 4100 | 7640 | 20000 | 17950 | 15980 | 14000 | 14780 | 15420 | 22010 | 11000 | 5430 | 152560 | 66010 |
| 41 | PASS CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 200* | 280* | 350* | 350* | 780* | 90* | 50* | 0* | 2100 | 1000 |
| 45 | PLATEAU CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 46 | COMFORT CREEK | 0* | 0* | 0* | 50* | 600* | 1500* | 1800* | 3900* | 3950* | 4000* | 2500* | 1000* | 500* | 250* | 0* | 20250 | 8140 |
| 48 | BEARTRAP RIVER | 0* | 0* | 400* | 1000* | 4000* | 4500* | 18000* | 15000* | 22000* | 29000* | 25000* | 21000* | 13700* | 6850* | 0* | 160450 | 63950 |
| 49 | CATARACT CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 200* | 300* | 330* | 350* | 350* | 180* | 90* | 50* | 0* | 1850 | 930 |
| 51 | OLSEN CREEK | 0* | 0* | 0* | 1000* | 1500* | 6000* | 4500* | 13000* | 13000* | 13000* | 9750* | 6500* | 6800* | 3400* | 1700* | 80150 | 33390 |
| 52 | CONTROL CREEK | 0* | 0* | 0* | 200* | 850* | 1200* | 3000* | 3500* | 4250* | 5000* | 4200* | 3400* | 1700* | 850* | 0* | 28150 | 11340 |
| 54 | CARLSEN CREEK | 0* | 0* | 0* | 0* | 0* | 50* | 450* | 500* | 480* | 450* | 220* | 110* | 50* | 30* | 0* | 2340 | 1010 |
| 56 | ST. MATTHEWS CREEK | 0* | 0* | 0* | 0* | 300* | 700* | 600* | 2000* | 2050* | 2100* | 1050* | 520* | 260* | 130* | 0* | 9210 | 4260 |
| SUBDISTRICT 221-30 TOTAL | | 0 | 0 | 400 | 2250 | 7450 | 13950 | 28550 | 38600 | 46340 | 54250 | 43420 | 33490 | 23190 | 11610 | 1700 | 302000 | 124020 |
| 71 | TWO MOON CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 200* | 400* | 400* | 200* | 100* | 50* | 0* | 1350 | 700 |
| 73 | TUNDRA CREEK | 0* | 0* | 0* | 0* | 0* | 300* | 50* | 150* | 310* | 450* | 450* | 220* | 110* | 50* | 0* | 2120 | 1090 |
| 76 | IRISH CREEK | 0* | 0* | 0* | 0* | 0* | 400* | 1600* | 4500* | 4500* | 4500* | 3750* | 0* | 1500* | 750* | 370* | 21870 | 10010 |
| 80 | WHALEN CREEK | 0* | 0* | 0* | 100* | 300* | 700* | 2500* | 3000* | 3500* | 4000* | 4000* | 2000* | 1000* | 500* | 0* | 21600 | 9120 |
| 83 | KETA CREEK | 0* | 0* | 0* | 0* | 0* | 300* | 2000* | 3000* | 3000* | 1500* | 1000* | 0* | 2800* | 1400* | 700* | 15700 | 8080 |
| 87 | SUNNY RIVER | 0* | 0* | 0* | 0* | 0* | 100* | 500* | 500* | 1250* | 2000* | 1200* | 0* | 2500* | 1250* | 620* | 9920 | 5790 |
| 88 | SHORT CREEK | 0* | 0* | 0* | 0* | 30* | 150* | 300* | 400* | 450* | 500* | 500* | 250* | 120* | 60* | 0* | 2760 | 1160 |
| 89 | FISH CREEK | 0* | 0* | 0* | 200* | 1000* | 2500* | 4000* | 8500* | 12750* | 17000* | 13100* | 9200* | 11600* | 5800* | 2900* | 88550 | 36510 |
| 92 | SHALE CREEK | 0* | 0* | 0* | 0* | 20* | 200* | 350* | 350* | 380* | 400* | 400* | 200* | 100* | 50* | 0* | 2450 | 1040 |
| 93 | KIRKWOOD CREEK | 0* | 0* | 0* | 0* | 10* | 400* | 400* | 700* | 600* | 500* | 250* | 120* | 60* | 30* | 0* | 3070 | 1290 |
| 94 | ROCK CREEK | 0* | 0* | 0* | 0* | 0* | 20* | 200* | 200* | 350* | 500* | 500* | 250* | 120* | 60* | 0* | 2200 | 950 |
| 99 | LAGOON CREEK | 0* | 0* | 0* | 0* | 200* | 2000* | 2000* | 4500* | 4500* | 4500* | 3550* | 2600* | 2800* | 1600* | 700* | 26750 | 12010 |
| SUBDISTRICT 221-40 TOTAL | | 0 | 0 | 0 | 300 | 1560 | 7070 | 13900 | 25830 | 31790 | 36250 | 29100 | 15040 | 22810 | 11400 | 5290 | 210340 | 88400 |

0 - FOOT COUNTS  * - INTERPOLATIONS

Appendix F.4. (page 2 of 8)

EASTERN DISTRICT

WEEK-ENDING DATE

| STREAM NO. | STREAM NAME OR LOCATION | 6/19 | 6/26 | 7/03 | 7/10 | 7/17 | 7/24 | 7/31 | 8/07 | 8/14 | 8/21 | 8/28 | 9/04 | 9/11 | 9/18 | 9/25 | CUM. TOTALS | ADJ. STR. TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106 | GLADHOUGH CREEK | 0* | 0* | 0* | 0* | 10* | 200* | 500* | 450* | 500* | 550* | 550* | 280* | 140* | 70* | 0* | 3250 | 1360 |
| 107 | BLACK CREEK | 0* | 0* | 0* | 0* | 0* | 10* | 10* | 100* | 130* | 150* | 150* | 80* | 40* | 20* | 0* | 690 | 290 |
| 114 | TURNER CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 10* | 20* | 10* | 0* | 0* | 0* | 0* | 40 | 20 |
| 115 | MILLARD CREEK | 0* | 0* | 0* | 0* | 0* | 300* | 500* | 2000* | 2750* | 3500* | 3350* | 3200* | 1600* | 800* | 400* | 18400 | 7890 |
| 116 | DUCK RIVER | 0* | 0* | 0* | 0* | 0* | 50* | 1000* | 3000* | 9500* | 16000* | 12500* | 9000* | 18800* | 9400* | 4700* | 83950 | 33730 |
| 117 | INDIAN CREEK | 0* | 0* | 0* | 0* | 500* | 800* | 1500* | 3500* | 3250* | 3000* | 3000* | 3000* | 1500* | 750* | 0* | 20800 | 9040 |
| 120 | DONALDSON CREEK | 0* | 0* | 0* | 0* | 50* | 150* | 350* | 300* | 300* | 300* | 150* | 80* | 40* | 20* | 0* | 1740 | 760 |
| 121 | LEVSHAKOFF CREEK | 0* | 0* | 0* | 0* | 10* | 300* | 500* | 850* | 720* | 600* | 850* | 1100* | 1100* | 550* | 280* | 6860 | 2820 |
| 122 | NO NAME | 0* | 0* | 0* | 0* | 0* | 10* | 20* | 20* | 30* | 50* | 50* | 20* | 10* | 0* | 0* | 210 | 90 |
| 123 | GREGORIEFF CREEK | 0* | 0* | 0* | 0* | 200* | 100* | 1000* | 800* | 800* | 800* | 1050* | 1300* | 1300* | 650* | 320* | 8320 | 3560 |
| 127 | NAOMOFF RIVER | 0* | 0* | 0* | 0* | 1250* | 2500* | 6000* | 8000* | 8000* | 8000* | 4200* | 400* | 4100* | 2000* | 1000* | 45450 | 19510 |
| 129 | VLASOFF CREEK | 0* | 0* | 0* | 0* | 300* | 2500* | 4500* | 4000* | 3750* | 3500* | 17500* | 880* | 440* | 220* | 0* | 37590 | 16970 |
| 152 | TWIN FALLS CREEK | 0* | 0* | 0* | 0* | 0* | 500* | 2500* | 3000* | 3500* | 4000* | 2350* | 700* | 3300* | 1650* | 880* | 22380 | 9520 |
| 153 | STELLAR CREEK | 0* | 0* | 0* | 400* | 6000* | 7000* | 7000* | 5000* | 4750* | 4500* | 3350* | 2200* | 1200* | 600* | 300* | 42300 | 17560 |
| SUBDISTRICT 221-50 TOTAL | | 0 | 0 | 0 | 400 | 8320 | 14420 | 25380 | 31020 | 37990 | 44970 | 49060 | 22240 | 33570 | 16730 | 7880 | 291980 | 125120 |
| 131 | GORGE CREEK, PORT VAL | 0* | 0* | 0* | 0* | 100* | 600* | 1000* | 650* | 480* | 300* | 150* | 80* | 40* | 20* | 0* | 3420 | 1500 |
| 133 | SAWMILL CREEK | 0* | 0* | 0* | 0* | 200* | 500* | 2800* | 2500* | 1850* | 1200* | 600* | 300* | 150* | 80* | 0* | 10180 | 4430 |
| 137 | LOWE RIVER | 0* | 0* | 0* | 0* | 3750* | 7500* | 15000* | 15000* | 7500* | 3750* | 1880* | 940* | 470* | 240* | 120* | 56150 | 26070 |
| 143 | SIWASH CREEK | 0* | 0* | 0* | 0* | 50* | 4020* | 8000* | 8000* | 4000* | 2000* | 1000* | 500* | 250* | 120* | 0* | 27940 | 11880 |
| 145 | CROOKED CREEK | 0* | 0* | 0* | 0* | 0* | 150* | 300* | 220* | 140* | 50* | 50* | 30* | 10* | 0* | 0* | 950 | 490 |
| 148 | MINERAL FLATS | 0* | 0* | 0* | 0* | 0* | 50* | 1500* | 500* | 500* | 500* | 250* | 120* | 60* | 30* | 0* | 3510 | 1480 |
| SUBDISTRICT 221-60 TOTAL | | 0 | 0 | 0 | 0 | 4100 | 12820 | 28600 | 26870 | 14470 | 7800 | 3930 | 1970 | 980 | 490 | 120 | 102150 | 45850 |
| EASTERN TOTAL | | 0 | 0 | 2400 | 5200 | 26930 | 59650 | 122730 | 148620 | 155680 | 167070 | 146940 | 91860 | 104200 | 52050 | 20420 | 1103750 | 469080 |

0 - FOOT COUNTS  * - INTERPOLATIONS

Appendix F.4. (page 3 of 8)

NORTHERN DISTRICT

WEEK-ENDING DATE

| STREAM NO. | STREAM NAME OR LOCATION | 6/19 | 6/26 | 7/03 | 7/10 | 7/17 | 7/24 | 7/31 | 8/07 | 8/14 | 8/21 | 8/28 | 9/04 | 9/11 | 9/18 | 9/25 | CUM. TOTALS | ADJ. STR. TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 204 | HEATHER BAY | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 208 | GRANIT COVE | 0* | 0* | 0* | 0* | 0* | 100* | 200* | 200* | 200* | 100* | 50* | 30* | 10* | 0* | 0* | 890 | 440 |
| 209 | USELESS CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 210 | ELF CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 213 | BENCH MARK CREEK | 0* | 0* | 0* | 0* | 0* | 80* | 150* | 200* | 150* | 10* | 0* | 0* | 0* | 0* | 0* | 590 | 290 |
| 214 | LONG CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 1000* | 500* | 2500* | 4500* | 3250* | 2000* | 1000* | 500* | 0* | 15250 | 6690 |
| 216 | VANISHING CREEK | 0* | 0* | 0* | 0* | 0* | 100* | 600* | 800* | 3900* | 7000* | 6850* | 6700* | 3350* | 1680* | 0* | 30980 | 12030 |
| 217 | SPRING CREEK | 0* | 0* | 0* | 0* | 0* | 80* | 150* | 1000* | 1750* | 2500* | 2350* | 2200* | 1000* | 500* | 0* | 11530 | 4560 |
| 218 | BILLY'S CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 221 | EICKELBERG CREEK | 0* | 0* | 0* | 0* | 0* | 30* | 50* | 100* | 800* | 1500* | 750* | 380* | 190* | 100* | 0* | 3900 | 1600 |
| SUBDISTRICT 222-10 TOTAL | | 0 | 0 | 0 | 0 | 0 | 390 | 2150 | 2800 | 9300 | 15610 | 13250 | 11310 | 5550 | 2780 | 0 | 63140 | 25610 |
| 224 | BACKYARD CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 100* | 200* | 1350* | 2500* | 1350* | 200* | 100* | 50* | 0* | 5850 | 2260 |
| 227 | GRANITE CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 50* | 420* | 800* | 400* | 200* | 100* | 50* | 0* | 2020 | 860 |
| 229 | CEDAR CREEK | 0* | 0* | 0* | 0* | 50* | 420* | 800* | 3500* | 3750* | 4000* | 3300* | 2600* | 1300* | 650* | 0* | 20370 | 8140 |
| 232 | DELTA CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 50* | 300* | 550* | 800* | 400* | 200* | 100* | 50* | 0* | 2450 | 1020 |
| 234 | WELLS CREEK | 0* | 0* | 0* | 20* | 500* | 2750* | 5000* | 8000* | 19500* | 31000* | 30150* | 25700* | 12850* | 6420* | 0* | 141890 | 54990 |
| 233 | SURPLUS CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 50* | 500* | 750* | 1000* | 500* | 250* | 120* | 60* | 0* | 3230 | 1380 |
| 257 | COMPLEX CREEK | 0* | 0* | 0* | 0* | 50* | 100* | 200* | 400* | 380* | 350* | 380* | 400* | 200* | 100* | 0* | 2560 | 1040 |
| 258 | WILLIAMS CREEK | 0* | 0* | 0* | 0* | 50* | 100* | 200* | 200* | 200* | 100* | 50* | 30* | 10* | 0* | 0* | 940 | 400 |
| 259 | JONAH CREEK | 0* | 0* | 0* | 0* | 50* | 2200* | 3100* | 11000* | 16000* | 21000* | 16600* | 12200* | 6100* | 3050* | 0* | 91300 | 35500 |
| 263 | WATERFALL CREEK | 0* | 0* | 0* | 0* | 0* | 50* | 100* | 200* | 230* | 250* | 120* | 60* | 30* | 10* | 0* | 1050 | 450 |
| 264 | SIWASH RIVER | 0* | 0* | 0* | 0* | 50* | 300* | 1000* | 5000* | 11000* | 17000* | 15950* | 14900* | 7450* | 3720* | 0* | 76370 | 29510 |
| 265 | TMAKKIK CREEK | 0* | 0* | 0* | 0* | 0* | 100* | 200* | 600* | 750* | 700* | 350* | 180* | 90* | 50* | 0* | 3220 | 1460 |
| SUBDISTRICT 222-20 TOTAL | | 0 | 0 | 0 | 20 | 750 | 6020 | 10800 | 30150 | 54980 | 79500 | 69550 | 56920 | 28450 | 14210 | 0 | 351250 | 136990 |
| 273 | SCHOPPE CREEK | 0* | 0* | 0* | 0* | 150* | 600* | 900* | 1600* | 2300* | 3000* | 1600* | 600* | 300* | 150* | 0* | 11600 | 4510 |
| 276 | BLACK BEAR CREEK | 0* | 0* | 0* | 0* | 0* | 1900* | 900* | 1430* | 1960* | 2500* | 2100* | 1700* | 850* | 430* | 0* | 13320 | 6700 |
| 277 | DEAD CREEK | 0* | 0* | 0* | 0* | 0* | 10* | 20* | 80* | 140* | 200* | 100* | 50* | 30* | 10* | 0* | 640 | 260 |
| 278 | COMEBACK CREEK | 0* | 0* | 0* | 0* | 0* | 1400* | 300* | 310* | 330* | 350* | 180* | 90* | 40* | 20* | 0* | 3020 | 2250 |
| 279 | CANYON CREEK | 0* | 0* | 0* | 100* | 1000* | 200* | 400* | 770* | 1140* | 1500* | 750* | 380* | 190* | 100* | 0* | 6530 | 2770 |
| 282 | GOOD CREEK | 0* | 0* | 0* | 0* | 0* | 50* | 100* | 900* | 1700* | 2500* | 1750* | 1000* | 500* | 250* | 0* | 8750 | 3320 |
| 283 | BAD CREEK | 0* | 0* | 0* | 0* | 0* | 50* | 100* | 730* | 1360* | 2000* | 1450* | 900* | 450* | 220* | 0* | 7260 | 2770 |
| 289 | FERGUSON CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 50* | 100* | 200* | 400* | 200* | 100* | 50* | 30* | 0* | 1130 | 480 |
| SUBDISTRICT 222-30 TOTAL | | 0 | 0 | 0 | 100 | 1150 | 4410 | 2270 | 5920 | 9130 | 12450 | 8330 | 4820 | 2410 | 1210 | 0 | 32700 | 23050 |
| 242 | COWPEN CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 250* | 250* | 120* | 60* | 30* | 10* | 0* | 0* | 720 | 510 |
| SUBDISTRICT 222-50 TOTAL | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 250 | 250 | 120 | 60 | 30 | 10 | 0 | 0 | 720 | 510 |
| NORTHERN TOTAL | | 0 | 0 | 0 | 120 | 1900 | 10820 | 15720 | 39120 | 73560 | 107680 | 91190 | 73080 | 36420 | 18200 | 0 | 467810 | 186130 |

◊ - FOOT COUNTS * - INTERPOLATIONS

Appendix F.4. (page 4 of 8)

COGHILL DISTRICT

WEEK-ENDING DATE

| STREAM NO. | STREAM NAME OR LOCATION | 6/19 | 6/26 | 7/03 | 7/10 | 7/17 | 7/24 | 7/31 | 8/07 | 8/14 | 8/21 | 8/28 | 9/04 | 9/11 | 9/18 | 9/25 | CUM. TOTALS | ADJ. STR. TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 414 | HARRISON CREEK | 0* | 0* | 0* | 0* | 200* | 0* | 450* | 500* | 650* | 400* | 200* | 100* | 50* | 30* | 10* | 2590 | 1540 |
| 417 | HOBO CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 20* | 0* | 450* | 800* | 400* | 200* | 100* | 50* | 20* | 2040 | 1180 |
| 421 | MILL CREEK | 0* | 0* | 0* | 0* | 20* | 350* | 1200* | 5600* | 9000* | 9000* | 8500* | 4800* | 2400* | 1200* | 600* | 42670 | 17460 |
| 424 | OLD CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 200* | 300* | 150* | 80* | 40* | 20* | 10* | 800 | 470 |
| 425 | HUMMER CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 300* | 900* | 2500* | 2500* | 2440* | 2380* | 1190* | 590* | 300* | 13100 | 5540 |
| 428 | PIRATE CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 150* | 200* | 100* | 50* | 30* | 10* | 0* | 540 | 330 |
| 430 | MEACHAM CREEK | 0* | 0* | 0* | 0* | 250* | 50* | 1200* | 8100* | 8000* | 6000* | 3500* | 2200* | 1100* | 550* | 280* | 31230 | 13040 |
| 432 | SWANSON CREEK | 0* | 0* | 0* | 0* | 100* | 400* | 1500* | 4000* | 6000* | 14000* | 5700* | 3150* | 1580* | 790* | 400* | 37620 | 15370 |
| SUBDISTRICT 223-10 TOTAL | | 0 | 0 | 0 | 0 | 570 | 800 | 4670 | 19100 | 26950 | 33200 | 20990 | 12960 | 6490 | 3240 | 1620 | 130590 | 54930 |
| 303 | TRIPLE CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 350* | 1000* | 1750* | 2500* | 1900* | 3800* | 1900* | 950* | 480* | 14630 | 6160 |
| 307 | VILLAGE CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 200* | 400* | 500* | 500* | 250* | 120* | 60* | 30* | 10* | 2070 | 1010 |
| SUBDISTRICT 223-20 TOTAL | | 0 | 0 | 0 | 0 | 0 | 0 | 550 | 1400 | 2250 | 3000 | 2150 | 3920 | 1960 | 980 | 490 | 16700 | 7170 |
| 310 | GOLDEN LAGOON | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 350* | 200* | 150* | 80* | 40* | 20* | 10* | 0* | 850 | 620 |
| 314 | AVERY RIVER | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 322 | COGHILL RIVER - BELOW | 0* | 0* | 0* | 0* | 0* | 0* | 2500* | 4000* | 40000* | 48000* | 10000* | 13000* | 6500* | 3250* | 1620* | 128870 | 52950 |
| | COGHILL RIVER - LAKE | 0* | 0* | 0* | 3* | 31* | 571* | NC | NC | NC | NC | NC | NC | NC | NC | NC | 605 | 130 |
| SUBDISTRICT 223-30 TOTAL | | 0 | 0 | 0 | 3 | 31 | 571 | 2500 | 4350 | 40200 | 48150 | 10080 | 13040 | 6520 | 3260 | 1620 | 130325 | 53700 |
| COGHILL TOTAL | | 0 | 0 | 0 | 3 | 601 | 1371 | 7720 | 24850 | 69400 | 84350 | 33220 | 29920 | 14970 | 7480 | 3730 | 277615 | 115800 |

0 - FOOT COUNTS  * - INTERPOLATIONS

Appendix F.4. (page 5 of 8)

NORTHWESTERN DISTRICT — WEEK-ENDING DATE

| STREAM NO. | STREAM NAME OR LOCATION | 6/19 | 6/26 | 7/03 | 7/10 | 7/17 | 7/24 | 7/31 | 8/07 | 8/14 | 8/21 | 8/28 | 9/04 | 9/11 | 9/18 | 9/25 | CUM. TOTALS | ADJ. STR. TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 435 | LOGGING CAMP CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 300* | 650* | 1000* | 500* | 250* | 120* | 60* | 30* | 2910 | 1410 |
| 450 | TEBENKOFF CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 50* | 400* | 650* | 900* | 450* | 220* | 110* | 50* | 30* | 2860 | 1200 |
| 451 | BLACKSTONE CREEK | 0* | 0* | 0* | 0* | 0* | 800* | 600* | 800* | 630* | 450* | 220* | 110* | 50* | 30* | 0* | 3690 | 2080 |
| 454 | HALFERTY CREEK | 0* | 0* | 0* | 0* | 100* | 1050* | 2000* | 2830* | 3660* | 4500* | 2250* | 1120* | 560* | 280* | 140* | 18490 | 7500 |
| 455 | PAULSON CREEK | 0* | 0* | 0* | 0* | 1400* | 100* | 2500* | 4800* | 4150* | 3500* | 1750* | 880* | 440* | 220* | 110* | 19850 | 9250 |
| 456 | PARKS CREEK | 0* | 0* | 0* | 0* | 250* | 2380* | 4500* | 200* | 600* | 1000* | 500* | 240* | 120* | 60* | 30* | 9880 | 3970 |
| 461 | COCHRANE CREEK | 0* | 0* | 0* | 0* | 50* | 300* | 300* | 500* | 450* | 400* | 200* | 100* | 50* | 30* | 10* | 2390 | 1000 |
| 459 | WICKETT CREEK | 0* | 0* | 0* | 0* | 0* | 1500* | 200* | 460* | 530* | 600* | 300* | 150* | 80* | 40* | 20* | 3880 | 2680 |
| SUBDISTRICT 224-10 TOTAL | | 0 | 0 | 0 | 0 | 1800 | 6130 | 10150 | 10290 | 11320 | 12350 | 6170 | 3070 | 1530 | 770 | 370 | 63950 | 29090 |
| 471 | NARROWS CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 20* | 20* | 140* | 250* | 120* | 60* | 30* | 10* | 0* | 650 | 270 |
| 476 | SHRODE CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 500* | 50* | 13000* | 13000* | 6500* | 3250* | 1620* | 810* | 400* | 39130 | 15980 |
| 479 | CULROSS CREEK | 0* | 0* | 0* | 0* | 0* | 150* | 800* | 200* | 400* | 600* | 300* | 150* | 80* | 40* | 20* | 2740 | 1190 |
| SUBDISTRICT 224-30 TOTAL | | 0 | 0 | 0 | 0 | 0 | 150 | 1320 | 270 | 13540 | 13850 | 6920 | 3460 | 1730 | 860 | 420 | 42520 | 17440 |
| 480 | MINK CREEK | 0* | 0* | 0* | 0* | 50* | 1000* | 3000* | 2800* | 3650* | 4500* | 2250* | 1120* | 560* | 280* | 140* | 19350 | 7790 |
| 484 | FINGER CREEK EAST | 0* | 0* | 0* | 0* | 400* | 1900* | 2000* | 640* | 1320* | 2000* | 1000* | 500* | 250* | 120* | 60* | 10190 | 4270 |
| 485 | FINGER CREEK WEST | 0* | 0* | 0* | 0* | 2500* | 11500* | 10000* | 1900* | 5450* | 9000* | 4500* | 2250* | 1120* | 560* | 280* | 49060 | 20830 |
| 493 | MOST CREEK | 0* | 0* | 0* | 0* | 10* | 500* | 300* | 200* | 200* | 200* | 100* | 50* | 30* | 10* | 0* | 1660 | 620 |
| 495 | CHIMEVISKY LAGOON | 0* | 0* | 0* | 0* | 10* | 150* | 500* | 20* | 610* | 1200* | 600* | 300* | 150* | 60* | 40* | 3660 | 1450 |
| 498 | McCLURE CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 500* | 500* | 500* | 500* | 250* | 120* | 60* | 30* | 10* | 2470 | 1420 |
| SUBDISTRICT 224-40 TOTAL | | 0 | 0 | 0 | 0 | 2970 | 15050 | 16300 | 6060 | 11730 | 17400 | 8700 | 4340 | 2170 | 1050 | 530 | 86330 | 36380 |
| NORTHWESTERN TOTAL | | 0 | 0 | 0 | 0 | 4770 | 21330 | 27770 | 16620 | 36590 | 43600 | 21790 | 10870 | 5430 | 2710 | 1320 | 192800 | 82910 |

0 - FOOT COUNTS  * - INTERPOLATIONS

ESHAMY DISTRICT — WEEK-ENDING DATE

| STREAM NO. | STREAM NAME OR LOCATION | 6/19 | 6/26 | 7/03 | 7/10 | 7/17 | 7/24 | 7/31 | 8/07 | 8/14 | 8/21 | 8/28 | 9/04 | 9/11 | 9/18 | 9/25 | CUM. TOTALS | ADJ. STR. TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 506 | LOOMIS CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 500* | 200* | 100* | 50* | 30* | 10* | 0* | 890 | 740 |
| 507 | GUMBOOT CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 508 | NORTH SHORE, ESHAMY L. | 0* | 0* | 0* | 0* | 0* | 150* | 300* | 400* | 1500* | 900* | 450* | 220* | 110* | 50* | 30* | 4110 | 1740 |
| 510 | ELISHANSKY CREEK | 0* | 0* | 0* | 0* | 200* | 200* | 350* | 600* | 950* | 950* | 460* | 240* | 120* | 60* | 30* | 4260 | 1860 |
| 511 | ESHAMY RIVER - BELOW | 0* | 0* | 0* | 0* | 0* | 30* | 50* | 300* | 400* | 200* | 100* | 50* | 30* | 10* | 0* | 1170 | 500 |
| | ESHAMY RIVER - WEIR | NC | NC | NC | 0* | NC | 26* | 43* | 274* | 286* | 97* | 141* | 83* | 36* | NC | NC | 986 | 400 |
| SUBDISTRICT 225-30 TOTAL | | 0 | 0 | 0 | 0 | 200 | 486 | 743 | 1574 | 3636 | 2347 | 1271 | 643 | 326 | 130 | 60 | 11416 | 5240 |
| ESHAMY TOTAL | | 0 | 0 | 0 | 0 | 200 | 486 | 743 | 1574 | 3636 | 2347 | 1271 | 643 | 326 | 130 | 60 | 11416 | 5240 |

0 - FOOT COUNTS  * - INTERPOLATIONS

Appendix F.4. (page 6 of 8)

SOUTHWESTERN DISTRICT — WEEK-ENDING DATE

| STREAM NO. | STREAM NAME OR LOCATION | 6/19 | 6/26 | 7/03 | 7/10 | 7/17 | 7/24 | 7/31 | 8/07 | 8/14 | 8/21 | 8/28 | 9/04 | 9/11 | 9/18 | 9/25 | CUM. TOTALS | ADJ. STR. TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 601 | PADDY CREEK | 0* | 0* | 0* | 0* | 400* | 800* | 600* | 580* | 560* | 550* | 280* | 140* | 70* | 40* | 0* | 4020 | 1900 |
| 602 | NACKTAN CREEK | 0* | 0* | 0* | 0* | 0* | 50* | 400* | 350* | 300* | 250* | 120* | 60* | 30* | 10* | 0* | 1570 | 660 |
| 603 | EWAN CREEK | 0* | 0* | 0* | 0* | 350* | 300* | 900* | 1930* | 2690* | 4000* | 2000* | 1000* | 500* | 250* | 120* | 14040 | 5890 |
| 604 | ERB CREEK | 0* | 0* | 0* | 0* | 400* | 800* | 1000* | 1000* | 1000* | 1000* | 500* | 250* | 120* | 60* | 0* | 6130 | 2750 |
| 608 | JACKPOT RIVER | 0* | 0* | 0* | 0* | 0* | 0* | 100* | 400* | 700* | 1000* | 500* | 250* | 120* | 60* | 0* | 3130 | 1320 |
| 610 | KOMPKOFF RIVER | 0* | 0* | 0* | 0* | 0* | 400* | 200* | 400* | 600* | 800* | 800* | 400* | 200* | 100* | 50* | 3950 | 1890 |
| 611 | JACKPOT BAY, WEST ARM | 0* | 0* | 0* | 0* | 0* | 0* | 100* | 50* | 30* | 10* | 10* | 0* | 0* | 0* | 0* | 200 | 160 |
| 612 | JACKPOT BAY, WEST ARM | 0* | 0* | 0* | 0* | 0* | 100* | 300* | 220* | 140* | 50* | 30* | 10* | 0* | 0* | 0* | 850 | 410 |
| 613 | JACKSON CREEK | 0* | 0* | 0* | 300* | 1500* | 3500* | 14000* | 10370* | 7460* | 4200* | 2100* | 1050* | 520* | 260* | 0* | 45260 | 18330 |
| 621 | TOTEMOFF CREEK | 0* | 0* | 0* | 0* | 0* | 200* | 300* | 1030* | 1760* | 2500* | 1250* | 620* | 310* | 150* | 0* | 8120 | 3380 |
| 623 | BRIZGALOFF CREEK | 0* | 0* | 0* | 0* | 0* | 400* | 100* | 280* | 460* | 650* | 650* | 320* | 160* | 80* | 0* | 3100 | 1540 |
| 630 | BAINBRIDGE CREEK | 0* | 0* | 0* | 0* | 300* | 1200* | 2000* | 2670* | 3740* | 4600* | 2300* | 1150* | 580* | 290* | 0* | 19030 | 7800 |
| 632 | CLAW CREEK | 0* | 0* | 0* | 0* | 500* | 1800* | 1500* | 1060* | 620* | 180* | 90* | 40* | 20* | 10* | 0* | 5620 | 2680 |
| 633 | PABLO CREEK | 0* | 0* | 0* | 0* | 300* | 800* | 1000* | 1000* | 650* | 300* | 150* | 80* | 40* | 20* | 0* | 4340 | 1960 |
| 634 | WHALE BAY, W. HEAD, S | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 636 | WHALE CREEK | 0* | 0* | 0* | 0* | 100* | 300* | 400* | 320* | 240* | 150* | 80* | 20* | 20* | 10* | 0* | 1640 | 730 |
| SUBDISTRICT 226-20 TOTAL | | 0 | 0 | 0 | 300 | 3650 | 10650 | 22900 | 21860 | 20950 | 20240 | 10860 | 5390 | 2690 | 1340 | 170 | 121200 | 51400 |
| 652 | SNUG HARBOR | 0* | 0* | 0* | 0* | 320* | 650* | 1300* | 2030* | 2760* | 3500* | 3500* | 1750* | 980* | 440* | 0* | 17230 | 7120 |
| SUBDISTRICT 226-30 TOTAL | | 0 | 0 | 0 | 0 | 320 | 650 | 1300 | 2030 | 2760 | 3500 | 3500 | 1750 | 980 | 440 | 0 | 17230 | 7120 |
| 655 | JOHNSON CREEK | 0* | 0* | 0* | 0* | 50* | 100* | 400* | 1000* | 2000* | 4000* | 4000* | 2000* | 1000* | 500* | 250* | 16700 | 6740 |
| 656 | HALVERSON CREEK | 0* | 0* | 0* | 0* | 300* | 200* | 900* | 720* | 540* | 350* | 180* | 90* | 40* | 20* | 0* | 3340 | 1570 |
| 665 | BJORNE CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 666 | O'BRIEN CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 200* | 270* | 340* | 400* | 400* | 200* | 100* | 50* | 0* | 1960 | 940 |
| 670 | MONTGOMERY CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 10* | 30* | 30* | 30* | 10* | 10* | 0* | 0* | 120 | 50 |
| 672 | LATOUCHE ISLAND, S. S | 0* | 0* | 0* | 0* | 0* | 0* | 10* | 10* | 10* | 0* | 0* | 0* | 0* | 0* | 0* | 30 | 10 |
| 673 | FALLS CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 100* | 200* | 200* | 100* | 50* | 30* | 0* | 0* | 680 | 340 |
| 676 | HORSESHOE CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 30* | 50* | 50* | 30* | 10* | 0* | 0* | 0* | 170 | 80 |
| 677 | HAYDEN CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 100* | 200* | 200* | 100* | 50* | 30* | 10* | 0* | 690 | 350 |
| SUBDISTRICT 226-40 TOTAL | | 0 | 0 | 0 | 0 | 350 | 300 | 1510 | 2840 | 4170 | 5230 | 4840 | 2410 | 1210 | 580 | 250 | 23190 | 10160 |
| 653 | HOG CREEK | 0* | 0* | 0* | 0* | 300* | 500* | 1500* | 1200* | 1700* | 2200* | 1400* | 700* | 350* | 180* | 0* | 10510 | 4400 |
| SUBDISTRICT 226-50 TOTAL | | 0 | 0 | 0 | 0 | 300 | 500 | 1500 | 1200 | 1700 | 2200 | 1400 | 700 | 350 | 180 | 0 | 10510 | 4400 |
| SOUTHWESTERN TOTAL | | 0 | 0 | 0 | 300 | 4820 | 12500 | 27210 | 27930 | 29580 | 31170 | 20600 | 10250 | 5230 | 2540 | 420 | 172630 | 73080 |

C - FOOT COUNTS  * - INTERPOLATIONS

Appendix F.4. (page 7 of 8)

MONTAGUE DISTRICT — WEEK-ENDING DATE

| STREAM NO. | STREAM NAME OR LOCATION | 6/19 | 6/26 | 7/03 | 7/10 | 7/17 | 7/24 | 7/31 | 8/07 | 8/14 | 8/21 | 8/28 | 9/04 | 9/11 | 9/18 | 9/25 | CUM. TOTALS | ADJ. STR. TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 702 | POINT CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 20* | 110* | 200* | 350* | 500* | 250* | 120* | 60* | 1610 | 650 |
| 703 | CLAM BEACH CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 20* | 90* | 150* | 530* | 900* | 450* | 220* | 110* | 2470 | 990 |
| 707 | MACLEOD CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 100* | 500* | 1120* | 1750* | 2080* | 2400* | 1200* | 600* | 300* | 10050 | 4080 |
| 710 | HANNING CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 100* | 500* | 430* | 350* | 620* | 900* | 450* | 220* | 110* | 3680 | 1550 |
| 711 | QUADRA CREEK | 0* | 0* | 0* | 0* | 0* | 100* | 200* | 900* | 1580* | 2250* | 2320* | 2400* | 1200* | 600* | 300* | 11850 | 4800 |
| 717 | MONTAGUE ISLAND, WEST | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 20* | 20* | 0* | 100* | 200* | 100* | 50* | 30* | 520 | 290 |
| 718 | MONTAGUE ISLAND, WEST | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 10* | 30* | 50* | 130* | 200* | 100* | 50* | 30* | 600 | 240 |
| 719 | MONTAGUE ISLAND, WEST | 0* | 0* | 0* | 0* | 0* | 0* | 20* | 0* | 110* | 220* | 310* | 400* | 200* | 100* | 50* | 1410 | 650 |
| 722 | MONTAGUE IS., GLACIER | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 724 | MONTAGUE IS., GLACIER | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 725 | MONTAGUE ISLAND, WEST | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 726 | MONTAGUE CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 50* | 200* | 150* | 100* | 50* | 30* | 10* | 0* | 0* | 590 | 270 |
| SUBDISTRICT 227-10 TOTAL | | 0 | 0 | 0 | 0 | 0 | 100 | 470 | 2170 | 3640 | 5070 | 6490 | 7930 | 3960 | 1960 | 990 | 32760 | 13520 |
| 738 | RUSSEL CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 50* | 50* | 30* | 10* | 0* | 140 | 90 |
| 739 | SWAMP CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 900* | 4300* | 2150* | 2220* | 2300* | 1150* | 580* | 290* | 13890 | 6150 |
| 740 | KELEZ CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 50* | 200* | 500* | 450* | 400* | 200* | 100* | 50* | 1950 | 810 |
| 741 | CHALMERS RIVER | 0* | 0* | 0* | 0* | 0* | 250* | 1020* | 1800* | 4700* | 5300* | 4050* | 2800* | 1400* | 700* | 350* | 22370 | 9070 |
| 744 | WILBY CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 1300* | 950* | 600* | 700* | 650* | 600* | 300* | 150* | 80* | 5330 | 3220 |
| 745 | WILD CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 100* | 300* | 400* | 420* | 450* | 220* | 110* | 50* | 2050 | 690 |
| 746 | SCHUMAN CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 500* | 400* | 400* | 380* | 350* | 180* | 90* | 50* | 2350 | 1330 |
| 747 | CABIN CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 1500* | 2500* | 100* | 1050* | 2000* | 1000* | 500* | 250* | 8900 | 4710 |
| 748 | GILMOUR CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 50* | 350* | 300* | 350* | 400* | 200* | 100* | 50* | 1800 | 750 |
| 749 | SHAD CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 350* | 2300* | 1900* | 1850* | 1800* | 900* | 450* | 220* | 9770 | 4140 |
| 752 | STOCKDALE CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 300* | 1400* | 1000* | 1250* | 1500* | 750* | 380* | 190* | 6770 | 2910 |
| 753 | STOCKDALE BAY | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 150* | 300* | 100* | 180* | 250* | 120* | 60* | 30* | 1190 | 590 |
| 754 | DRY CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 300* | 100* | 120* | 150* | 80* | 40* | 20* | 810 | 560 |
| 758 | ROCKY BAY, HEAD | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 50* | 450* | 100* | 900* | 1700* | 850* | 420* | 210* | 4680 | 1870 |
| 759 | ROCKY CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 500* | 200* | 400* | 700* | 1000* | 500* | 250* | 120* | 3670 | 1840 |
| 766 | CARR CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 770 | UVALL CREEK | 0* | 0* | 0* | 0* | 0* | 100* | 200* | 0* | 60* | 150* | 80* | 40* | 20* | 10* | 0* | 660 | 340 |
| 771 | MCKERNAN CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 50* | 30* | 10* | 0* | 0* | 0* | 90 | 70 |
| 774 | ROSSWOG CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 50* | 700* | 600* | 300* | 150* | 80* | 40* | 20* | 1940 | 810 |
| 775 | FAUTZKE CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 200* | 450* | 220* | 110* | 60* | 30* | 10* | 1080 | 590 |
| 755 | GREEN CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 50* | 100* | 50* | 30* | 10* | 0* | 0* | 0* | 240 | 130 |
| SUBDISTRICT 227-20 TOTAL | | 0 | 0 | 0 | 0 | 0 | 350 | 2520 | 7300 | 19360 | 14750 | 15250 | 16670 | 8040 | 4020 | 1990 | 89660 | 40870 |
| MONTAGUE TOTAL | | 0 | 0 | 0 | 0 | 0 | 450 | 2990 | 9470 | 23000 | 19820 | 21770 | 24000 | 12000 | 5980 | 2980 | 122460 | 54390 |

0 - FOOT COUNTS  * - INTERPOLATIONS

Appendix F.4. (page 8 of 8)

SOUTHEASTERN DISTRICT — WEEK-ENDING DATE

| STREAM NO. | STREAM NAME OR LOCATION | 6/19 | 6/26 | 7/03 | 7/10 | 7/17 | 7/24 | 7/31 | 8/07 | 8/14 | 8/21 | 8/28 | 9/04 | 9/11 | 9/18 | 9/25 | CUM. TOTALS | ADJ. STR. TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 843 | OREX CREEK | 0* | 0* | 0* | 0* | 0* | 200* | 200* | 300* | 400* | 200* | 200* | 50* | 30* | 10* | 0* | 1590 | 790 |
| SUBDISTRICT 228-10 TOTAL | | 0 | 0 | 0 | 0 | 0 | 200 | 200 | 300 | 400 | 200 | 200 | 50 | 30 | 10 | 0 | 1590 | 790 |
| 833 | BATES CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 350* | 700* | 400* | 200* | 100* | 50* | 30* | 10* | 1840 | 1010 |
| 834 | HARDY CREEK | 0* | 0* | 0* | 0* | 200* | 700* | 4000* | 4800* | 5600* | 5100* | 2550* | 1280* | 640* | 320* | 160* | 25350 | 10460 |
| 835 | SCOTT CREEK | 0* | 0* | 0* | 0* | 300* | 1400* | 4000* | 4250* | 4500* | 4200* | 2100* | 1050* | 520* | 260* | 130* | 22710 | 9520 |
| 836 | DAN'S CREEK | 0* | 0* | 0* | 0* | 0* | 500* | 500* | 1900* | 3300* | 1000* | 500* | 250* | 120* | 60* | 30* | 8160 | 3650 |
| 837 | WIDGEON CREEK | 0* | 0* | 0* | 0* | 100* | 100* | 200* | 200* | 100* | 50* | 30* | 10* | 0* | 0* | 0* | 790 | 390 |
| 839 | GOOSE CREEK | 0* | 0* | 0* | 0* | 0* | 200* | 200* | 650* | 1300* | 1700* | 850* | 420* | 210* | 100* | 50* | 5610 | 2430 |
| SUBDISTRICT 228-20 TOTAL | | 0 | 0 | 0 | 0 | 600 | 2900 | 6900 | 12150 | 15500 | 12450 | 6230 | 3110 | 1540 | 770 | 360 | 64530 | 27460 |
| 844 | MAKARKA CREEK | 0* | 0* | 0* | 0* | 10* | 600* | 800* | 1300* | 1800* | 2500* | 2000* | 1500* | 750* | 380* | 0* | 11640 | 4660 |
| 847 | HAWKINS CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 1000* | 2350* | 3700* | 2500* | 2250* | 2000* | 1000* | 500* | 0* | 15300 | 6910 |
| 849 | ROLLINS CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 200* | 700* | 1200* | 450* | 220* | 110* | 50* | 30* | 0* | 2960 | 1360 |
| 850 | CANOE CREEK | 0* | 0* | 0* | 0* | 0* | 500* | 3500* | 2250* | 1600* | 1100* | 550* | 280* | 140* | 70* | 0* | 9990 | 4430 |
| 851 | ZILLESENOFF CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 50* | 130* | 200* | 250* | 120* | 60* | 30* | 10* | 0* | 850 | 380 |
| 856 | WEST LAGOON CREEK | 0* | 0* | 0* | 0* | 0* | 200* | 50* | 530* | 1000* | 250* | 120* | 60* | 30* | 10* | 0* | 2250 | 1060 |
| 857 | EAST LAGOON CREEK | 0* | 0* | 0* | 0* | 0* | 20* | 350* | 520* | 700* | 400* | 200* | 100* | 50* | 30* | 0* | 2370 | 970 |
| 858 | NORTH LAGOON CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 250* | 500* | 200* | 100* | 50* | 30* | 10* | 0* | 1140 | 650 |
| 861 | BERNARD CREEK | 0* | 0* | 0* | 0* | 0* | 900* | 2100* | 3550* | 5000* | 2600* | 1550* | 500* | 250* | 120* | 0* | 16570 | 7390 |
| 862 | CLAMDIGGERS CREEK | 0* | 0* | 0* | 0* | 0* | 20* | 50* | 130* | 200* | 100* | 50* | 30* | 10* | 0* | 0* | 590 | 250 |
| SUBDISTRICT 228-30 TOTAL | | 0 | 0 | 0 | 0 | 10 | 2240 | 8100 | 11710 | 15900 | 10350 | 7160 | 4690 | 2340 | 1160 | 0 | 63660 | 28060 |
| 827 | CAPTAIN CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 200* | 550* | 900* | 700* | 350* | 180* | 90* | 50* | 30* | 3050 | 1390 |
| 828 | COOK CREEK | 0* | 0* | 0* | 0* | 300* | 1800* | 2000* | 3150* | 4100* | 4800* | 2400* | 1200* | 600* | 300* | 150* | 20800 | 8740 |
| 829 | KING CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 300* | 500* | 200* | 100* | 50* | 30* | 10* | 0* | 1190 | 710 |
| 831 | DOUBLE CREEK | 0* | 0* | 0* | 0* | 50* | 800* | 900* | 3250* | 5600* | 5000* | 2500* | 1250* | 620* | 310* | 150* | 20430 | 8320 |
| SUBDISTRICT 228-40 TOTAL | | 0 | 0 | 0 | 0 | 350 | 2600 | 3100 | 7250 | 11100 | 10700 | 5350 | 2680 | 1340 | 670 | 330 | 45470 | 19140 |
| 817 | DEER CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 600* | 1200* | 1800* | 1500* | 750* | 380* | 190* | 100* | 50* | 6570 | 3140 |
| 818 | JUANIA CREEK | 0* | 0* | 0* | 0* | 20* | 50* | 250* | 1720* | 3200* | 2200* | 1100* | 550* | 280* | 140* | 70* | 9580 | 3880 |
| 821 | BROWN BEAR CREEK | 0* | 0* | 0* | 30* | 160* | 300* | 300* | 700* | 1100* | 2000* | 1000* | 500* | 250* | 120* | 60* | 6520 | 2630 |
| SUBDISTRICT 228-50 TOTAL | | 0 | 0 | 0 | 30 | 180 | 350 | 1150 | 3620 | 6100 | 5700 | 2850 | 1430 | 720 | 360 | 180 | 22670 | 9650 |
| 805 | PORT ETCHES, SOUTH SH | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 100* | 100* | 0* | 0* | 0* | 0* | 0* | 0* | 200 | 140 |
| 806 | DOG SALMON CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 10* | 410* | 800* | 1600* | 800* | 400* | 200* | 100* | 50* | 4370 | 1750 |
| 807 | BEAVER CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 100* | 200* | 50* | 30* | 10* | 0* | 0* | 0* | 390 | 230 |
| 810 | GARDEN CREEK | 0* | 0* | 0* | 0* | 0* | 500* | 500* | 2250* | 4000* | 3100* | 1550* | 780* | 390* | 200* | 100* | 13370 | 5770 |
| 811 | ETCHES CREEK | 0* | 0* | 0* | 0* | 0* | 50* | 50* | 170* | 300* | 0* | 0* | 0* | 0* | 0* | 0* | 570 | 210 |
| 812 | NUCHEK CREEK | 0* | 0* | 0* | 0* | 600* | 7400* | 9000* | 11750* | 14500* | 10300* | 5150* | 2850* | 1290* | 640* | 320* | 63800 | 26740 |
| 815 | CONSTANTINE CREEK | 0* | 0* | 0* | 0* | 1250* | NC | 2500* | 5250* | 8000* | 16000* | 8000* | 4000* | 2000* | 1000* | 500* | 48500 | 21160 |
| SUBDISTRICT 228-60 TOTAL | | 0 | 0 | 0 | 0 | 1850 | 7950 | 12060 | 20030 | 27900 | 31050 | 15530 | 8040 | 3880 | 1940 | 970 | 131200 | 56100 |
| SOUTHEASTERN TOTAL | | 0 | 0 | 0 | 30 | 2990 | 16240 | 33510 | 55060 | 76900 | 70450 | 37320 | 20000 | 9850 | 4910 | 1860 | 329120 | 141120 |

◇ - FOOT COUNTS  * - INTERPOLATIONS

Appendix F.5. Weekly aerial estimates of the escapements of chum salmon in Prince William Sound by district, subdistrict, and stream, 1986. Counts are live fish in streams.

EASTERN DISTRICT

WEEK-ENDING DATE

| STREAM NO. | STREAM NAME OR LOCATION | 6/19 | 6/26 | 7/03 | 7/10 | 7/17 | 7/24 | 7/31 | 8/07 | 8/14 | 8/21 | 8/28 | 9/04 | 9/11 | 9/18 | 9/25 | CUM. TOTALS | ADJ. STR. TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | HARTNEY CREEK | 0* | 0* | 0* | 10* | 20* | 40* | 80* | 150* | 300* | 300* | 150* | 80* | 40* | 0* | 0* | 1170 | 460 |
| 5 | ECCLES CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 8 | FLEMING CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 11 | HIPPY CREEK | 0* | 0* | 0* | 0* | 20* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 20 | 20 |
| SUBDISTRICT 221-10 TOTAL | | 0 | 0 | 0 | 10 | 40 | 40 | 80 | 150 | 300 | 300 | 150 | 80 | 40 | 0 | 0 | 1190 | 480 |
| 19 | TWIN LAKES CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 20 | SPRING CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 21 | ROGUE CREEK | 0* | 0* | 0* | 0* | 0* | 30* | 250* | 500* | 1000* | 2000* | 1000* | 500* | 250* | 0* | 0* | 5530 | 2200 |
| 23 | CHASE CREEK | 0* | 0* | 0* | 200* | 1600* | 4000* | 4000* | 6000* | 4000* | 2000* | 1600* | 1200* | 600* | 300* | 0* | 25500 | 10710 |
| 35 | KOPPEN CREEK | 0* | 400* | 2000* | 2500* | 4000* | 5600* | 3000* | 3000* | 2480* | 1960* | 1440* | 920* | 400* | 200* | 0* | 28100 | 11650 |
| 36 | SHEEP RIVER | 0* | 0* | 50* | 0* | 50* | 100* | 500* | 400* | 300* | 200* | 100* | 50* | 30* | 0* | 0* | 1750 | 610 |
| 37 | ALLEN CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| SUBDISTRICT 221-20 TOTAL | | 0 | 400 | 2050 | 2700 | 5650 | 9730 | 7750 | 9900 | 7780 | 6160 | 4140 | 2670 | 1280 | 500 | 0 | 60910 | 25370 |
| 41 | PASS CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 45 | PLATEAU CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 46 | COMFORT CREEK | 0* | 0* | 0* | 0* | 100* | 200* | 500* | 500* | 250* | 120* | 60* | 30* | 0* | 0* | 0* | 1760 | 650 |
| 48 | BEARTRAP RIVER | 0* | 250* | 4500* | 3500* | 8000* | 6000* | 16000* | 8000* | 4750* | 1500* | 750* | 360* | 200* | 100* | 0* | 55930 | 23220 |
| 49 | CATARACT CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 51 | OLSEN CREEK | 0* | 300* | 900* | 1500* | 3500* | 5000* | 4500* | 5000* | 2500* | 1250* | 620* | 310* | 150* | 0* | 0* | 25530 | 11010 |
| 52 | CONTROL CREEK | 0* | 0* | 10* | 100* | 250* | 200* | 300* | 250* | 120* | 60* | 30* | 10* | 0* | 0* | 0* | 1330 | 570 |
| 54 | CARLSEN CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 56 | ST. MATTHEWS CREEK | 0* | 0* | 0* | 0* | 0* | 50* | 500* | 200* | 100* | 50* | 30* | 10* | 0* | 0* | 0* | 940 | 440 |
| SUBDISTRICT 221-30 TOTAL | | 0 | 550 | 5410 | 5100 | 11850 | 11450 | 23800 | 13950 | 7720 | 2980 | 1490 | 740 | 350 | 100 | 0 | 85490 | 36090 |
| 71 | TWO MOON CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 73 | TUNDRA CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 76 | IRISH CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 80 | WHALEN CREEK | 0* | 0* | 30* | 10* | 20* | 300* | 300* | 200* | 100* | 50* | 30* | 10* | 0* | 0* | 0* | 1050 | 460 |
| 83 | ETA CREEK | 0* | 0* | 0* | 0* | 50* | 300* | 200* | 200* | 850* | 1500* | 1000* | 500* | 200* | 100* | 50* | 4950 | 1850 |
| 87 | SUNNY RIVER | 0* | 0* | 0* | 0* | 10* | 250* | 500* | 2500* | 3750* | 5000* | 4000* | 3000* | 400* | 200* | 100* | 19710 | 7190 |
| 88 | SHORT CREEK | 0* | 0* | 0* | 0* | 20* | 30* | 40* | 50* | 80* | 100* | 50* | 30* | 0* | 0* | 0* | 400 | 170 |
| 89 | FISH CREEK | 0* | 0* | 30* | 50* | 4000* | 5000* | 7000* | 4500* | 2500* | 500* | 250* | 120* | 60* | 0* | 0* | 24010 | 10060 |
| 92 | SHALE CREEK | 0* | 0* | 0* | 0* | 0* | 20* | 50* | 50* | 30* | 10* | 0* | 0* | 0* | 0* | 0* | 160 | 80 |
| 93 | KIRKWOOD CREEK | 0* | 0* | 0* | 0* | 50* | 100* | 450* | 450* | 220* | 110* | 50* | 30* | 0* | 0* | 0* | 1400 | 680 |
| 94 | ROCK CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 99 | LAGOON CREEK | 0* | 0* | 0* | 20* | 850* | 200* | 600* | 600* | 550* | 500* | 250* | 120* | 60* | 0* | 0* | 3750 | 1580 |
| SUBDISTRICT 221-40 TOTAL | | 0 | 0 | 60 | 80 | 5000 | 6200 | 9140 | 8550 | 8080 | 7770 | 5630 | 3510 | 720 | 300 | 150 | 55490 | 22050 |

◇ - FOOT COUNTS * - INTERPOLATIONS

Appendix F.5. (page 2 of 8)

EASTERN DISTRICT

WEEK-ENDING DATE

| STREAM NO. | STREAM NAME OR LOCATION | 6/19 | 6/26 | 7/03 | 7/10 | 7/17 | 7/24 | 7/31 | 8/07 | 8/14 | 8/21 | 8/28 | 9/04 | 9/11 | 9/18 | 9/25 | CUM. TOTALS | ADJ. STR. TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106 | GLADHOUGH CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 107 | BLACK CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 114 | TURNER CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 115 | MILLARD CREEK | 0• | 0• | 0• | 0• | 30• | 20• | 100• | 100• | 50• | 30• | 10• | 0• | 0• | 0• | 0• | 340 | 170 |
| 116 | DUCK RIVER | 0• | 0• | 0• | 0• | 300• | 500• | 1000• | 4000• | 4500 | 5000• | 2500 | 1250• | 620• | 310• | 150• | 20130 | 8690 |
| 117 | INDIAN CREEK | 0• | 40• | 50• | 1400• | 2800• | 3500• | 2500• | 500• | 250• | 120• | 60• | 30• | 0• | 0• | 0• | 11250 | 4380 |
| 120 | DONALDSON CREEK | 0• | 0• | 0• | 0• | 20• | 50• | 40• | 30• | 10• | 0• | 0• | 0• | 0• | 0• | 0• | 150 | 70 |
| 121 | LEVSHAYOFF CREEK | 0• | 0• | 0• | 20• | 150• | 50• | 300• | 50• | 30• | 10• | 0• | 0• | 0• | 0• | 0• | 610 | 250 |
| 122 | NO NAME | 0• | 0• | 0• | 0• | 20• | 10• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 30 | 20 |
| 123 | GREGORIEFF CREEK | 0• | 0• | 0• | 590• | 770• | 800• | 400• | 100• | 50• | 30• | 10• | 0• | 0• | 0• | 0• | 2750 | 1520 |
| 127 | KAOMOFF RIVER | 0• | 0• | 0• | 20• | 1200• | 3000• | 3000• | 8000• | 6500• | 5000• | 2500• | 1250• | 600• | 0• | 0• | 31070 | 13000 |
| 129 | VLASOFF CREEK | 0• | 0• | 0• | 10• | 120• | 500• | 2500• | 1800• | 1100• | 400• | 200• | 100• | 0• | 0• | 0• | 6730 | 2650 |
| 152 | TWIN FALLS CREEK | 0• | 0• | 0• | 0• | 200• | 2000• | 2000• | 1000• | 1250• | 1500• | 750• | 380• | 190• | 100• | 0• | 9370 | 4000 |
| 153 | STELLAR CREEK | 0• | 0• | 150• | 990• | 4000• | 5000• | 3000• | 500• | 500• | 400• | 300• | 200• | 100• | 50• | 0• | 15190 | 5980 |
| SUBDISTRICT 221-50 TOTAL | | 0 | 40 | 200 | 3030 | 9510 | 15430 | 14840 | 16080 | 14240 | 12490 | 6330 | 3210 | 1510 | 860 | 150 | 97620 | 40930 |
| 131 | GORGE CREEK, PORT VAL | 0• | 0• | 150• | 200• | 600• | 300• | 200• | 100• | 50• | 30• | 0• | 0• | 0• | 0• | 0• | 1630 | 750 |
| 133 | SAWMILL CREEK | 0• | 0• | 200• | 850• | 1500• | 2500• | 3000• | 300• | 200• | 100• | 50• | 30• | 0• | 0• | 0• | 8730 | 3600 |
| 137 | LOWE RIVER | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 143 | SIWASH CREEK | 0• | 0• | 0• | 0• | 100• | 200• | 300• | 300• | 150• | 80• | 40• | 20• | 0• | 0• | 0• | 1190 | 560 |
| 145 | CROOKED CREEK | 0• | 0• | 0• | 0• | 200• | 50• | 800• | 960• | 780• | 600• | 1230• | 1860• | 2500• | 1250• | 620• | 10850 | 4380 |
| 149 | MINERAL FLATS | 0• | 0• | 0• | 0• | 10• | 350• | 2000• | 6500• | 4750• | 5000• | 5200• | 5600• | 5000• | 2800• | 1600• | 37010 | 14780 |
| SUBDISTRICT 221-60 TOTAL | | 0 | 0 | 350 | 1050 | 2410 | 3400 | 6300 | 8160 | 5930 | 5810 | 6520 | 7310 | 8100 | 4050 | 2020 | 59410 | 24070 |
| EASTERN TOTAL | | 0 | 990 | 8070 | 11970 | 34560 | 46450 | 61910 | 54790 | 44050 | 35510 | 24260 | 17820 | 12000 | 5410 | 2320 | 360110 | 146990 |

◊ - FOOT COUNTS • - INTERPOLATIONS

-Continued-

Appendix F.5. (page 3 of 8)

NORTHERN DISTRICT

WEEK-ENDING DATE

| STREAM NO. | STREAM NAME OR LOCATION | 6/19 | 6/26 | 7/03 | 7/10 | 7/17 | 7/24 | 7/31 | 8/07 | 8/14 | 8/21 | 8/28 | 9/04 | 9/11 | 9/18 | 9/25 | CUM. TOTALS | ADJ. STR. TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 204 | HEATHER BAY | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 208 | GRANIT COVE | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 209 | USELESS CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 210 | ELF CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 213 | BENCH MARK CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 214 | LONG CREEK | 0• | 0• | 0• | 0• | 2100• | 0• | 5500• | 4500• | 2500• | 200• | 100• | 50• | 30• | 10• | 0• | 14990 | 12130 |
| 216 | VANISHING CREEK | 0• | 0• | 0• | 50• | 200• | 500• | 650• | 300• | 500• | 250• | 120• | 60• | 30• | 10• | 0• | 2670 | 1140 |
| 217 | SPRING CREEK | 0• | 0• | 0• | 0• | 10• | 400• | 350• | 180• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 940 | 360 |
| 218 | BILLY'S CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 221 | EICKELBERG CREEK | 0• | 0• | 0• | 0• | 0• | 300• | 150• | 80• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 530 | 410 |
| SUBDISTRICT 222-10 TOTAL | | 0 | 0 | 0 | 50 | 2310 | 1200 | 6650 | 5060 | 3000 | 450 | 220 | 110 | 60 | 20 | 0 | 19130 | 14040 |
| 224 | BACKYARD CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 227 | GRANITE CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 229 | CEDAR CREEK | 0• | 0• | 0• | 0• | 250• | 600• | 400• | 500• | 250• | 120• | 60• | 30• | 10• | 0• | 0• | 2220 | 1140 |
| 232 | DELTA CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0• | 0 | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 234 | WELLS CREEK | 0• | 0• | 1200• | 5000• | 20000• | 20000• | 20000• | 12000• | 5000• | 500• | 250• | 120• | 60• | 30• | 0• | 84160 | 35740 |
| 233 | SURPLUS CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 257 | COMPLEX CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 258 | WILLIAMS CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 259 | JOHAN CREEK | 0• | 0• | 0• | 0• | 800• | 550• | 300• | 1000• | 750• | 500• | 400• | 300• | 150• | 0• | 0• | 4750 | 2570 |
| 263 | WATERFALL CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 264 | SIWASH RIVER | 0• | 0• | 0• | 0• | 0• | 100• | 200• | 1000• | 1200• | 1500• | 850• | 200• | 100• | 0• | 0• | 5150 | 2200 |
| 265 | PEAKVIK CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| SUBDISTRICT 222-20 TOTAL | | 0 | 0 | 1200 | 5000 | 21050 | 21250 | 20900 | 14500 | 7200 | 2620 | 1560 | 650 | 320 | 30 | 0 | 96280 | 41650 |
| 273 | SCHOPPE CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 276 | BLACK BEAR CREEK | 0• | 0• | 0• | 10• | 50• | 190• | 200• | 400• | 150• | 0• | 0• | 0• | 0• | 0• | 0• | 1000 | 400 |
| 277 | DEAD CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 278 | COMEBACK CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 279 | CANYON CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 200• | 0• | 500• | 0• | 0• | 0• | 0• | 0• | 0• | 700 | 700 |
| 282 | GOOD CREEK | 0• | 0• | 0• | 0• | 0• | 1000• | 800• | 0• | 600• | 500• | 0• | 0• | 0• | 0• | 0• | 2900 | 2010 |
| 283 | BAD CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 600• | 0• | 1000• | 200• | 0• | 0• | 0• | 0• | 0• | 1800 | 1770 |
| 229 | JERICHSON CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| SUBDISTRICT 222-30 TOTAL | | 0 | 0 | 0 | 10 | 50 | 1190 | 1800 | 400 | 2250 | 700 | 0 | 0 | 0 | 0 | 0 | 6400 | 4510 |
| 242 | COWPEN CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| SUBDISTRICT 222-50 TOTAL | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NORTHERN TOTAL | | 0 | 0 | 1200 | 5060 | 23410 | 23640 | 29350 | 19960 | 12450 | 3770 | 1780 | 760 | 380 | 50 | 0 | 121810 | 60570 |

◊ - FOOT COUNTS • - INTERPOLATIONS

-Continued-

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COGHILL DISTRICT

WEEK-ENDING DATE

| STREAM NO. | STREAM NAME OR LOCATION | 6/19 | 6/26 | 7/03 | 7/10 | 7/17 | 7/24 | 7/31 | 8/07 | 8/14 | 8/21 | 8/28 | 9/04 | 9/11 | 9/18 | 9/25 | CUM. TOTALS | ADJ. STR. TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 414 | HARRISON CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 100* | 200* | 20* | 10* | 0* | 0* | 0* | 0* | 330 | 190 |
| 417 | HOBO CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 421 | MILL CREEK | 0* | 0* | 0* | 0* | 0* | 50* | 200* | 2400* | 2000* | 1000* | 1500* | 1200* | 600* | 300* | 150* | 9400 | 3920 |
| 424 | OLD CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 50* | 20* | 10* | 0* | 0* | 0* | 0* | 80 | 60 |
| 425 | HUMMER CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 20* | 0* | 500* | 300* | 650* | 1000* | 500* | 250* | 120* | 3340 | 1730 |
| 428 | PIRATE CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 430 | MEACHAM CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 400* | 600* | 500* | 400* | 200* | 100* | 50* | 30* | 2280 | 1250 |
| 432 | SWANSON CREEK | 0* | 0* | 0* | 0* | 60* | 100* | 150* | 1100* | 500* | 2000* | 500* | 1600* | 700* | 320* | 150* | 7340 | 3010 |
| SUBDISTRICT 223-10 TOTAL | | 0 | 0 | 0 | 0 | 60 | 150 | 370 | 4000 | 4150 | 3840 | 3070 | 3100 | 1900 | 950 | 460 | 22770 | 10160 |
| 303 | TRIPLE CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 307 | VILLAGE CREEK | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| SUBDISTRICT 223-20 TOTAL | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 310 | GOLDEN LAGOON | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 314 | AVERY RIVER | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | 0 |
| 322 | COGHILL RIVER - BELOW | 0* | 0* | 0* | 0* | 0* | 0* | 500* | 700* | 6000* | 5000* | 4000* | 3000* | 1500* | 750* | 350* | 21830 | 9160 |
| | COGHILL RIVER - LAKE | 0* | 0* | 0* | 0* | NC | NC | NC | NC | NC | NC | NC | NC | NC | NC | 0* | 0 | 0 |
| SUBDISTRICT 223-30 TOTAL | | 0 | 0 | 0 | 0 | 0 | 0 | 500 | 700 | 6000 | 5000 | 4000 | 3000 | 1500 | 750 | 350 | 21830 | 9160 |
| COGHILL TOTAL | | 0 | 0 | 0 | 0 | 60 | 150 | 870 | 4700 | 10150 | 8840 | 7070 | 6800 | 3400 | 1700 | 860 | 44600 | 19320 |

C - FOOT COUNTS * - INTERPOLATIONS

-Continued-

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NORTHWESTERN DISTRICT

WEEK-ENDING DATE

| STREAM NO. | STREAM NAME OR LOCATION | 6/19 | 6/26 | 7/03 | 7/10 | 7/17 | 7/24 | 7/31 | 8/07 | 8/14 | 8/21 | 8/28 | 9/04 | 9/11 | 9/18 | 9/25 | CUM. TOTALS | ADJ. STR. TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 435 | LOGGING CAMP CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 450 | TEBENKOFF CREEK | 0• | 0• | 0• | 0• | 50• | 700• | 950• | 1700• | 500• | 20• | 10• | 0• | 0• | 0• | 0• | 3930 | 1640 |
| 451 | BLACKSTONE CREEK | 0• | 0• | 0• | 0• | 0• | 100• | 50• | 50• | 30• | 10• | 0• | 0• | 0• | 0• | 0• | 240 | 170 |
| 454 | HALFERTY CREEK | 0• | 0• | 0• | 10• | 20• | 300• | 2500• | 4500• | 300• | 500• | 420• | 350• | 180• | 90• | 40• | 9210 | 3870 |
| 455 | PAULSON CREEK | 0• | 0• | 0• | 0• | 300• | 500• | 2500• | 1200• | 400• | 200• | 100• | 0• | 0• | 0• | 0• | 5200 | 2300 |
| 458 | PARKS CREEK | 0• | 0• | 0• | 0• | 0• | 200• | 500• | 200• | 2000• | 1000• | 500• | 250• | 120• | 60• | 30• | 4860 | 2140 |
| 461 | COCHRANE CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 500• | 250• | 250• | 120• | 60• | 30• | 10• | 0• | 1220 | 900 |
| 469 | WICKETT CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 50• | 150• | 80• | 80• | 40• | 20• | 10• | 0• | 0• | 430 | 220 |
| SUBDISTRICT 224-10 TOTAL | | 0 | 0 | 0 | 10 | 370 | 1600 | 6550 | 8300 | 3540 | 2060 | 1190 | 680 | 340 | 160 | 70 | 25090 | 11240 |
| 471 | NARROWS CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 476 | SHRODE CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 479 | CULROSS CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 450• | 1500• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 1950 | 890 |
| SUBDISTRICT 224-20 TOTAL | | 0 | 0 | 0 | 0 | 0 | 0 | 450 | 1500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1950 | 890 |
| 480 | MINK CREEK | 0• | 0• | 0• | 0• | 500• | 500• | 500• | 700• | 700• | 600• | 500• | 500• | 250• | 120• | 60• | 4930 | 2370 |
| 484 | FINGER CREEK EAST | 0• | 0• | 0• | 0• | 50• | 770• | 1500• | 150• | 80• | 40• | 20• | 0• | 0• | 0• | 0• | 2610 | 1000 |
| 485 | FINGER CREEK WEST | 0• | 0• | 0• | 0• | 200• | 1600• | 3000• | 600• | 200• | 200• | 300• | 300• | 150• | 80• | 40• | 6670 | 2680 |
| 493 | MOST CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 50• | 50• | 20• | 10• | 0• | 0• | 0• | 0• | 0• | 130 | 90 |
| 495 | CHIMEWISKY LAGOON | 0• | 0• | 0• | 0• | 200• | 150• | 1500• | 1400• | 400• | 200• | 100• | 50• | 30• | 10• | 0• | 4040 | 1810 |
| 496 | McCLURE CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| SUBDISTRICT 224-40 TOTAL | | 0 | 0 | 0 | 0 | 950 | 3020 | 6550 | 2960 | 1400 | 1050 | 920 | 850 | 430 | 210 | 100 | 18380 | 7950 |
| NORTHWESTERN TOTAL | | 0 | 0 | 0 | 10 | 1320 | 4820 | 13550 | 12700 | 4960 | 3110 | 2110 | 1530 | 770 | 370 | 170 | 45420 | 20080 |

◇ - FOOT COUNTS • - INTERPOLATIONS

-Continued-

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ESHAMY DISTRICT

WEEK-ENDING DATE

| STREAM NO. | STREAM NAME OR LOCATION | 6/19 | 6/26 | 7/03 | 7/10 | 7/17 | 7/24 | 7/31 | 8/07 | 8/14 | 8/21 | 8/28 | 9/04 | 9/11 | 9/18 | 9/25 | CUM. TOTALS | ADJ. STR. TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 506 | LOOMIS CREEK | NC | NC | NC | NC | NC | NC | 0• | NC | NC | 0• | NC | NC | NC | NC | NC | 0 | 0 |
| 507 | GUMBOOT CREEK | NC | NC | NC | NC | NC | NC | 0• | NC | NC | NC | NC | NC | NC | NC | NC | 0 | 0 |
| 508 | NORTH SHORE, ESHAMY L | NC | NC | NC | NC | NC | NC | 0• | NC | NC | 0• | NC | NC | NC | NC | NC | 0 | 0 |
| 510 | ELISHANSKY CREEK | NC | NC | NC | NC | NC | NC | 0• | NC | NC | 0• | NC | NC | NC | NC | NC | 0 | 0 |
| 511 | ESHAMY RIVER - BELOW | NC | NC | NC | NC | NC | NC | 0• | NC | NC | 0• | NC | NC | NC | NC | NC | 0 | 0 |
| | ESHAMY RIVER - WEIR | NC | NC | NC | NC | 5• | 26• | NC | NC | NC | NC | NC | NC | NC | 0• | 0• | 31 | 10 |
| SUBDISTRICT 225-30 TOTAL | | NC | NC | NC | NC | 5 | 26 | 0 | NC | NC | 0 | NC | NC | NC | 0 | 0 | 31 | 10 |
| ESHAMY TOTAL | | NC | NC | NC | NC | 5 | 26 | 0 | NC | NC | 0 | NC | NC | NC | 0 | 0 | 31 | 10 |

0 - FOOT COUNTS • - INTERPOLATIONS

-Continued-

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SOUTHWESTERN DISTRICT — WEEK-ENDING DATE

| STREAM NO. | STREAM NAME OR LOCATION | 6/19 | 6/26 | 7/03 | 7/10 | 7/17 | 7/24 | 7/31 | 8/07 | 8/14 | 8/21 | 8/28 | 9/04 | 9/11 | 9/18 | 9/25 | CUM. TOTALS | ADJ. STR. TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 601 | PADDY CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 602 | NACKTAN CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 200• | 100• | 50• | 30• | 0• | 0• | 0• | 0• | 360 | 300 |
| 603 | EWAN CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 604 | ERB CREEK | 0• | 0• | 0• | 0• | 200• | 200• | 100• | 50• | 30• | 10• | 0• | 0• | 0• | 0• | 0• | 590 | 390 |
| 608 | JACKPOT RIVER | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 610 | KONPKOFF RIVER | 0• | 0• | 0• | 0• | 0• | 0• | 0• | NC | NC | 0• | NC | NC | NC | NC | NC | 0 | 0 |
| 611 | JACKPOT BAY, WEST ARM | NC | NC | NC | 0• | 0• | 0• | 0• | NC | NC | 0• | NC | NC | NC | NC | NC | 0 | 0 |
| 612 | JACKPOT BAY, WEST ARM | NC | NC | NC | 0• | 0• | 0• | 0• | NC | NC | 0• | NC | NC | NC | 0• | 0• | 0 | 0 |
| 613 | JACKSON CREEK | 0• | 0• | 0• | 0• | 500• | 360• | 260• | 500• | 250• | 120• | 60• | 0• | 0• | 0• | 0• | 2070 | 1210 |
| 621 | TOTEKOFF CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 623 | BRIZGALOFF CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 630 | BAINBRIDGE CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 100• | 600• | 1100• | 550• | 0• | 0• | 0• | 0• | 2350 | 900 |
| 632 | CLAW CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | NC | NC | NC | NC | NC | 0 | 0 |
| 633 | PABLO CREEK | NC | NC | NC | 0• | 0• | 0• | 30• | 50• | 50• | 30• | 10• | NC | NC | NC | NC | 170 | 90 |
| 634 | WHALE BAY, W. HEAD, S | NC | NC | NC | 0• | 0• | 0• | 0• | NC | NC | 0• | NC | NC | NC | NC | NC | 0 | 0 |
| 636 | WHALE CREEK | NC | NC | NC | 0• | 0• | 0• | 0• | NC | NC | 0• | NC | NC | NC | NC | NC | 0 | 0 |
| SUBDISTRICT 226-20 TOTAL | | 0 | 0 | 0 | 0 | 700 | 580 | 390 | 900 | 1030 | 1310 | 650 | 0 | 0 | 0 | 0 | 5560 | 2590 |
| 682 | SNUG HARBOR | 0• | 0• | 0• | 0• | 0• | NC | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| SUBDISTRICT 226-30 TOTAL | | 0 | 0 | 0 | 0 | 0 | NC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 655 | JOHNSON CREEK | NC | NC | NC | 0• | 0• | 0• | 0• | NC | NC | 0• | NC | NC | NC | NC | NC | 0 | 0 |
| 656 | HALVERSON CREEK | NC | NC | NC | 0• | 0• | 0• | 0• | NC | NC | 0• | NC | NC | NC | NC | NC | 0 | 0 |
| 665 | BJORNE CREEK | NC | NC | NC | 0• | 0• | 0• | 0• | NC | NC | 0• | NC | NC | NC | NC | NC | 0 | 0 |
| 666 | O'BRIEN CREEK | NC | NC | NC | 0• | 0• | 20• | 20• | 10• | NC | 0• | NC | NC | NC | NC | NC | 50 | 30 |
| 670 | MONTGOMERY CREEK | NC | NC | NC | 0• | 0• | 0• | 0• | NC | NC | 0• | NC | NC | NC | NC | NC | 0 | 0 |
| 672 | LATOUCHE ISLAND, S. S | NC | NC | NC | 0• | 0• | 0• | 0• | NC | NC | 0• | NC | NC | NC | NC | NC | 0 | 0 |
| 673 | FALLS CREEK | NC | NC | NC | 0• | 0• | 0• | 0• | NC | NC | 0• | NC | NC | NC | NC | NC | 0 | 0 |
| 676 | HORSESHOE CREEK | NC | NC | NC | 0• | 0• | 0• | 0• | NC | NC | 0• | NC | NC | NC | NC | NC | 0 | 0 |
| 677 | HAYDEN CREEK | NC | NC | NC | 0• | 0• | 0• | 0• | NC | NC | 0• | NC | NC | NC | NC | NC | 0 | 0 |
| SUBDISTRICT 226-40 TOTAL | | NC | NC | NC | 0 | 0 | 20 | 20 | 10 | NC | 0 | NC | NC | NC | NC | NC | 50 | 30 |
| 653 | HOG CREEK | NC | 0• | 0• | 0• | 0• | NC | NC | 0• | 0• | NC | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| SUBDISTRICT 226-50 TOTAL | | NC | 0 | 0 | 0 | 0 | NC | NC | 0 | 0 | NC | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOUTHWESTERN TOTAL | | 0 | 0 | 0 | 0 | 700 | 600 | 410 | 910 | 1030 | 1310 | 650 | 0 | 0 | 0 | 0 | 5610 | 2920 |

0 - FIRST COUNTS • - INTERPOLATIONS

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SOUTHEASTERN DISTRICT — WEEK-ENDING DATE

| STREAM NO. | STREAM NAME OR LOCATION | 6/19 | 6/26 | 7/03 | 7/10 | 7/17 | 7/24 | 7/31 | 8/07 | 8/14 | 8/21 | 8/28 | 9/04 | 9/11 | 9/18 | 9/25 | CUM. TOTALS | ADJ. STR. TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 863 | ORCA CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| SUBDISTRICT 228-10 TOTAL | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 833 | BATES CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 834 | HARDY CREEK | 0• | 0• | 0• | 0• | 0• | 100• | 200• | 200• | 100• | 50• | 30• | 10• | 0• | 0• | 0• | 690 | 350 |
| 835 | SCOTT CREEK | 0• | 0• | 0• | 0• | 0• | 100• | 200• | 200• | 100• | 50• | 30• | 10• | 0• | 0• | 0• | 690 | 350 |
| 836 | DAN'S CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 837 | WIDGEON CREEK | 0• | 0• | 0• | 0• | 0• | 200• | 400• | 400• | 200• | 100• | 50• | 30• | 10• | 0• | 0• | 1390 | 710 |
| 839 | GOOSE CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 50• | 50• | 30• | 10• | 0• | 0• | 0• | 0• | 0• | 140 | 90 |
| SUBDISTRICT 228-20 TOTAL | | 0 | 0 | 0 | 0 | 0 | 400 | 850 | 850 | 430 | 210 | 110 | 50 | 10 | 0 | 0 | 2910 | 1500 |
| 844 | MAKARKA CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | NC | 0• | 0• | 0• | 0• | 0 | 0 |
| 847 | HAWKINS CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 849 | ROLLINS CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 850 | CANOE CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 851 | ZILLESENOFF CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 856 | WEST LAGOON CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 857 | EAST LAGOON CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 858 | NORTH LAGOON CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 861 | BERNARD CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 862 | CLAMDIGGERS CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| SUBDISTRICT 228-30 TOTAL | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 827 | CAPTAIN CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 828 | COOK CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 250• | 500• | 500• | 250• | 120• | 60• | 30• | 10• | 1720 | 680 |
| 829 | KING CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 831 | DOUBLE CREEK | 0• | 0• | 0• | 0• | 0• | 20• | 20• | 20• | 10• | 0• | 0• | 0• | 0• | 0• | 0• | 70 | 40 |
| SUBDISTRICT 228-40 TOTAL | | 0 | 0 | 0 | 0 | 0 | 20 | 20 | 270 | 510 | 500 | 250 | 120 | 60 | 30 | 10 | 1790 | 920 |
| 817 | DEER CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 818 | JUANITA CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 821 | BROKEN BEAR CREEK | 0• | 0• | 0• | 10• | 150• | 300• | 300• | 300• | 150• | 80• | 40• | 20• | 10• | 0• | 0• | 1360 | 550 |
| SUBDISTRICT 228-50 TOTAL | | 0 | 0 | 0 | 10 | 150 | 300 | 300 | 300 | 150 | 80 | 40 | 20 | 10 | 0 | 0 | 1360 | 550 |
| 805 | PORT ETCHES, SOUTH SH | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 806 | DOG SALMON CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 807 | BEAVER CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 810 | GARDEN CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 811 | ETCHES CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 812 | NUCHEK CREEK | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0• | 0 | 0 |
| 815 | CONSTANTINE CREEK | 0• | 0• | 0• | 50• | 1000• | 5500• | 6000• | 5000• | 4000• | 1300• | 1350• | 1400• | 700• | 350• | 180• | 26830 | 11210 |
| SUBDISTRICT 228-60 TOTAL | | 0 | 0 | 0 | 50 | 1000 | 5500 | 6000 | 5000 | 4000 | 1300 | 1350 | 1400 | 700 | 350 | 180 | 26830 | 11210 |
| SOUTHEASTERN TOTAL | | 0 | 0 | 0 | 60 | 1150 | 6220 | 7170 | 6420 | 5090 | 2090 | 1750 | 1590 | 780 | 380 | 190 | 32890 | 14180 |

0 - FOOT COUNTS • - INTERPOLATIONS

Appendix F.6. Temporally stratified age and sex composition of the sockeye salmon escapement through the weir below Coghill Lake, 1986.

| | | Brood Year and Age Group | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | 1982 | | 1981 | | 1980 | | |
| | | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | Total |
| Stratum Dates: | 6/06-7/05 | | | | | | | | |
| Sample Dates: | 6/28-7/02 | | | | | | | | |
| Sample Size: | 580 | | | | | | | | |
| Female | Percent of Sample | 0.0 | 0.0 | 7.0 | 38.8 | 1.3 | 0.0 | 2.4 | 49.5 |
| | Number in Escapement | 0 | 0 | 1,424 | 7,890 | 264 | 0 | 488 | 10,066 |
| Male | Percent of Sample | 0.0 | 0.0 | 16.5 | 27.6 | 3.1 | 0.0 | 3.3 | 50.5 |
| | Number in Escapement | 0 | 0 | 3,355 | 5,614 | 630 | 0 | 671 | 10,270 |
| Total | Percent of Sample | 0.0 | 0.0 | 23.5 | 66.4 | 4.4 | 0.0 | 5.7 | 100.0 |
| | Number in Escapement | 0 | 0 | 4,779 | 13,504 | 894 | 0 | 1,159 | 20,336 |
| | Standard Error | 0 | 0 | 358 | 399 | 173 | 0 | 196 | |
| Stratum Dates: | 7/06-7/13 | | | | | | | | |
| Sample Dates: | 7/097/10 | | | | | | | | |
| Sample Size: | 572 | | | | | | | | |
| Female | Percent of Sample | 0.2 | 0.3 | 21.7 | 27.6 | 6.3 | 0.2 | 2.4 | 58.7 |
| | Number in Escapement | 32 | 48 | 3,440 | 4,375 | 999 | 32 | 380 | 9,306 |
| Male | Percent of Sample | 0.0 | 0.0 | 23.5 | 13.8 | 2.4 | 0.0 | 1.6 | 41.3 |
| | Number in Escapement | 0 | 0 | 3,725 | 2,188 | 380 | 0 | 254 | 6,547 |
| Total | Percent of Sample | 0.2 | 0.3 | 45.2 | 41.4 | 8.7 | 0.2 | 4.0 | 100.0 |
| | Number in Escapement | 32 | 48 | 7,165 | 6,563 | 1,379 | 32 | 634 | 15,853 |
| | Standard Error | 30 | 36 | 330 | 327 | 187 | 30 | 130 | |
| Stratum Dates: | 7/14-7/24 | | | | | | | | |
| Sample Dates: | 7/17-7//20 | | | | | | | | |
| Sample Size: | 571 | | | | | | | | |
| Female | Percent of Sample | 0.0 | 0.0 | 11.2 | 45.1 | 1.8 | 0.0 | 1.2 | 59.3 |
| | Number in Escapement | 0 | 0 | 3,739 | 15,057 | 601 | 0 | 401 | 19,798 |
| Male | Percent of Sample | 0.2 | 0.0 | 7.4 | 30.3 | 0.7 | 0.2 | 1.9 | 40.7 |
| | Number in Escapement | 67 | 0 | 2,471 | 10,115 | 234 | 67 | 634 | 13,588 |
| Total | Percent of Sample | 0.2 | 0.0 | 18.6 | 75.4 | 2.5 | 0.2 | 3.1 | 100.0 |
| | Number in Escapement | 67 | 0 | 6,210 | 25,172 | 835 | 67 | 1,035 | 33,386 |
| | Standard Error | 62 | 0 | 544 | 602 | 218 | 62 | 242 | |

-Continued-

Appendix F.6. (page 2 of 2)

| | | Brood Year and Age Group | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | 1982 | | 1981 | | 1980 | | |
| | | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | Total |
| Combined Strata: | 6/06-7/24 | | | | | | | | |
| Sample Dates: | 6/28-7/20 | | | | | | | | |
| Sample Size: | 1,723 | | | | | | | | |
| Female | Percent of Sample | 0.0 | 0.1 | 12.4 | 39.3 | 2.7 | 0.0 | 1.8 | 56.3 |
| | Number in Escapement | 32 | 48 | 8,603 | 27,322 | 1,864 | 32 | 1,269 | 39,170 |
| Male | Percent of Sample | 0.1 | 0.0 | 13.7 | 25.8 | 1.8 | 0.1 | 2.2 | 43.7 |
| | Number in Escapement | 67 | 0 | 9,551 | 17,917 | 1,244 | 67 | 1,559 | 30,405 |
| Total | Percent of Sample | 0.1 | 0.1 | 26.1 | 65.0 | 4.5 | 0.1 | 4.1 | 100.0 |
| | Number in Escapement | 99 | 48 | 18,154 | 45,239 | 3,108 | 99 | 2,828 | 69,575 |
| | Standard Error | 69 | 36 | 730 | 793 | 336 | 69 | 338 | |

Appendix F.7. Temporally stratified age and sex composition of the sockeye salmon escapement through the weir below Eshamy Lake, 1986.

| | | Brood Year and Age Group | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 1983 | 1982 | | 1981 | | 1980 | |
| | | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | Total |
| Stratum Dates: | 6/22-8/01 | | | | | | | |
| Sample Dates: | 7/11-7/19 | | | | | | | |
| Sample Size: | 514 | | | | | | | |
| Female | Percent of Sample | 0.0 | 37.6 | 0.0 | 16.5 | 4.5 | 0.4 | 59.0 |
| | Number in Escapement | 0 | 481 | 0 | 212 | 58 | 5 | 756 |
| Male | Percent of Sample | 0.2 | 27.8 | 0.2 | 10.4 | 1.6 | 0.8 | 41.0 |
| | Number in Escapement | 3 | 357 | 3 | 134 | 21 | 10 | 528 |
| Total | Percent of Sample | 0.2 | 65.4 | 0.2 | 26.9 | 6.1 | 1.2 | 100.0 |
| | Number in Escapement | 3 | 838 | 3 | 346 | 79 | 15 | 1,284 |
| | Standard Error | 3 | 27 | 3 | 25 | 14 | 6 | |
| Stratum Dates: | 8/02-8/25 | | | | | | | |
| Sample Dates: | 8/14-8/20 | | | | | | | |
| Sample Size: | 593 | | | | | | | |
| Female | Percent of Sample | 0.5 | 38.3 | 0.0 | 1.0 | 7.8 | 0.7 | 48.3 |
| | Number in Escapement | 22 | 1,659 | 0 | 43 | 338 | 30 | 2,092 |
| Male | Percent of Sample | 0.3 | 39.0 | 0.0 | 1.9 | 10.3 | 0.2 | 51.7 |
| | Number in Escapement | 13 | 1,689 | 0 | 82 | 446 | 9 | 2,239 |
| Total | Percent of Sample | 0.8 | 77.3 | 0.0 | 2.9 | 18.1 | 0.9 | 100.0 |
| | Number in Escapement | 35 | 3,348 | 0 | 125 | 784 | 39 | 4,331 |
| | Standard Error | 16 | 75 | 0 | 30 | 69 | 17 | |
| Stratum Dates: | 8/26-9/7 | | | | | | | |
| Sample Dates: | 9/01-9/04 | | | | | | | |
| Sample Size: | 168 | | | | | | | |
| Female | Percent of Sample | 0.0 | 34.7 | 0.0 | 1.2 | 7.8 | 1.2 | 44.9 |
| | Number in Escapement | 0 | 463 | 0 | 16 | 104 | 16 | 599 |
| Male | Percent of Sample | 4.2 | 35.9 | 1.8 | 1.8 | 10.8 | 0.6 | 55.1 |
| | Number in Escapement | 56 | 479 | 24 | 24 | 144 | 8 | 735 |
| Total | Percent of Sample | 4.2 | 70.6 | 1.8 | 3.0 | 18.6 | 1.8 | 100.0 |
| | Number in Escapement | 56 | 942 | 24 | 40 | 248 | 24 | 1,334 |
| | Standard Error | 21 | 47 | 14 | 18 | 40 | 14 | |
| Combined Strata: | 6/22-9/07 | | | | | | | |
| Sample Dates: | 7/11-9/4 | | | | | | | |
| Sample Size: | 1,275 | | | | | | | |
| Female | Percent of Sample | 0.3 | 37.5 | 0.0 | 3.9 | 7.2 | 0.7 | 49.6 |
| | Number in Escapement | 22 | 2,603 | 0 | 271 | 500 | 51 | 3,447 |
| Male | Percent of Sample | 1.0 | 36.3 | 0.4 | 3.5 | 8.8 | 0.4 | 50.4 |
| | Number in Escapement | 72 | 2,525 | 27 | 240 | 611 | 27 | 3,502 |
| Total | Percent of Sample | 1.3 | 73.8 | 0.4 | 7.4 | 16.0 | 1.1 | 100.0 |
| | Number in Escapement | 94 | 5,128 | 27 | 511 | 1,111 | 78 | 6,949 |
| | Standard Error | 26 | 92 | 14 | 43 | 81 | 23 | |

# APPENDIX G

Lengths of salmon by sex and age in the catches and escapements of the Copper/Bering River and the Prince William Sound area fisheries

Appendix G.1. Estimated mean length by sex and age of sockeye salmon in the commercial catches from the drift gill net fishery in the Copper River and Bering River Districts, 1986.

| | | Brood Year and Age Group | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | 1982 | | 1981 | | | 1980 | | 1979 | |
| | | 0.2 | 0.3 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 2.4 | 3.3 |
| **Copper River District** | | | | | | | | | | | |
| Females | Mean Length | 489 | 558 | 506 | 527 | 557 | 503 | 587 | 532 | 0 | 541 |
| | Std. Error | 18 | 1 | 2 | 0 | 1 | 7 | 12 | 1 | 0 | 0 |
| | Range | 429- 542 | 477- 618 | 401- 586 | 527- 527 | 449- 636 | 464- 552 | 509- 634 | 448- 610 | 0- 0 | 541- 541 |
| | Sample Size | 5 | 295 | 298 | 1 | 1312 | 10 | 10 | 491 | 0 | 1 |
| Males | Mean Length | 477 | 567 | 507 | 0 | 575 | 507 | 592 | 556 | 513 | 0 |
| | Std. Error | 10 | 2 | 2 | 0 | 1 | 11 | 14 | 2 | 0 | 0 |
| | Range | 373- 586 | 419- 646 | 363- 623 | 0- 0 | 413- 678 | 434- 557 | 575- 633 | 434- 640 | 513- 513 | 0- 0 |
| | Sample Size | 25 | 281 | 409 | 0 | 1367 | 12 | 4 | 374 | 1 | 0 |
| All Fish | Mean Length | 479 | 562 | 506 | 527 | 566 | 505 | 589 | 543 | 513 | 541 |
| | Std. Error | 9 | 1 | 1 | 0 | 1 | 7 | 9 | 1 | 0 | 0 |
| | Range | 373- 586 | 419- 646 | 363- 623 | 527- 527 | 413- 678 | 434- 557 | 509- 634 | 434- 640 | 513- 513 | 541- 541 |
| | Sample Size | 30 | 577 | 709 | 1 | 2681 | 22 | 14 | 869 | 1 | 1 |
| **Bering River District**[a] | | | | | | | | | | | |
| Females | Mean Length | 0 | 565 | 507 | 0 | 563 | 502 | 0 | 0 | 0 | 0 |
| | Std. Error | 0 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | Range | 0- 0 | 523- 617 | 446- 555 | 0- 0 | 494- 626 | 502- 502 | 0- 0 | 0- 0 | 0- 0 | 0- 0 |
| | Sample Size | 0 | 225 | 103 | 0 | 264 | 1 | 0 | 0 | 0 | 0 |
| Males | Mean Length | 476 | 583 | 501 | 0 | 571 | 0 | 603 | 597 | 0 | 0 |
| | Std. Error | 17 | 2 | 3 | 0 | 2 | 0 | 19 | 0 | 0 | 0 |
| | Range | 419- 549 | 447- 644 | 402- 587 | 0- 0 | 491- 724 | 0- 0 | 584- 622 | 597- 597 | 0- 0 | 0- 0 |
| | Sample Size | 7 | 195 | 165 | 0 | 213 | 0 | 2 | 1 | 0 | 0 |
| All Fish | Mean Length | 476 | 573 | 503 | 0 | 566 | 502 | 603 | 597 | 0 | 0 |
| | Std. Error | 17 | 1 | 2 | 0 | 1 | 0 | 19 | 0 | 0 | 0 |
| | Range | 419- 549 | 447- 644 | 402- 587 | 0- 0 | 491- 724 | 502- 502 | 584- 622 | 597- 597 | 0- 0 | 0- 0 |
| | Sample Size | 7 | 420 | 268 | 0 | 477 | 1 | 2 | 1 | 0 | 0 |

[a]Catches were from the nearshore waters west of Kayak Island. The waters to the east of Kayak Island are closed to commercial drift gillnet fishing.

Appendix G.2. Estimated mean length by sex and age of chinook salmon in the commercial catches from drift gill net fishery in the Copper River District, 1986.

| | | Brood Year and Age Group | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | 1982 | 1981 | | | 1980 | | 1979 | | |
| | | 0.2 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 1.5 | 2.4 | 3.3 |
| Females | Mean Length | 655 | 653 | 912 | 847 | 635 | 928 | 860 | 957 | 932 | 849 |
| | Std. Error | 0 | 6 | 0 | 2 | 9 | 2 | 5 | 15 | 10 | 42 |
| | Range | 655- 655 | 553- 892 | 912- 912 | 639-1038 | 621- 652 | 683-1045 | 754- 932 | 918-1007 | 851-1007 | 807- 890 |
| | Sample Size | 1 | 71 | 1 | 895 | 3 | 468 | 62 | 6 | 22 | 2 |
| Males | Mean Length | 510 | 623 | 1020 | 875 | 551 | 978 | 880 | 1060 | 974 | 0 |
| | Std. Error | 0 | 6 | 0 | 3 | 88 | 2 | 9 | 20 | 7 | 0 |
| | Range | 510- 510 | 472- 750 | 1020-1020 | 601-1944 | 463- 638 | 717-1160 | 705- 976 | 925-1176 | 895-1032 | 0- 0 |
| | Sample Size | 1 | 86 | 1 | 542 | 2 | 526 | 40 | 11 | 25 | 0 |
| All Fish | Mean Length | 583 | 636 | 966 | 858 | 601 | 954 | 868 | 1023 | 954 | 849 |
| | Std. Error | 73 | 5 | 54 | 2 | 35 | 2 | 5 | 19 | 7 | 42 |
| | Range | 510- 655 | 472- 892 | 912-1020 | 601-1944 | 463- 652 | 683-1160 | 705- 976 | 918-1176 | 851-1032 | 807- 890 |
| | Sample Size | 2 | 157 | 2 | 1437 | 5 | 995 | 102 | 17 | 47 | 2 |

Appendix G.3. Estimated mean length by sex and age of coho salmon in the commercial catches from the drift gill net fishery in the Copper and Bering River Districts, 1986.

| | | Brood Year and Age Group | | | |
|---|---|---|---|---|---|
| | | 1983 | | 1982 | 1981 |
| | | 1.1 | 2.0 | 2.1 | 3.1 |
| **Copper River District** | | | | | |
| Females | Mean Length | 639 | 0 | 663 | 670 |
| | Std. Error | 4 | 0 | 2 | 8 |
| | Range | 550- 710 | 0- 0 | 489- 755 | 595- 732 |
| | Sample Size | 107 | 0 | 479 | 21 |
| Males | Mean Length | 640 | 344 | 657 | 673 |
| | Std. Error | 5 | 0 | 3 | 16 |
| | Range | 415- 761 | 344- 344 | 325- 776 | 537- 740 |
| | Sample Size | 136 | 1 | 495 | 15 |
| All Fish | Mean Length | 640 | 344 | 660 | 671 |
| | Std. Error | 3 | 0 | 2 | 8 |
| | Range | 415- 761 | 344- 344 | 325- 776 | 537- 740 |
| | Sample Size | 243 | 1 | 975 | 36 |
| **Bering River District** | | | | | |
| Females | Mean Length | 650 | 0 | 649 | 661 |
| | Std. Error | 4 | 0- 0 | 2 | 5 |
| | Range | 595- 708 | 0 | 524- 740 | 584- 744 |
| | Sample Size | 52 | 0 | 280 | 47 |
| Males | Mean Length | 636 | 0 | 651 | 666 |
| | Std. Error | 7 | 0- 0 | 3 | 8 |
| | Range | 561- 726 | 0 | 480- 745 | 535- 736 |
| | Sample Size | 46 | 0 | 269 | 29 |
| All Fish | Mean Length | 644 | 0 | 650 | 663 |
| | Std. Error | 4 | 0- 0 | 2 | 4 |
| | Range | 561- 726 | 0 | 480- 745 | 535- 744 |
| | Sample Size | 98 | 0 | 549 | 76 |

Appendix G.4. Estimated mean length by sex and age of sockeye salmon from the dip net and fish wheel catches of the upper Copper River subsistence and personal use fisheries at Chitina, Alaska, 1986.

| | | Brood Year and Age Group | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | 1981 | | 1980 | |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 |
| Females | Mean Length | 446 | 0 | 534 | 481 | 544 | 493 | 604 | 529 |
| | Std. Error | 23 | 0 | 3 | 2 | 1 | 5 | 0 | 2 |
| | Range | 386- 547 | 0- 0 | 423- 592 | 372- 612 | 412- 669 | 442- 556 | 604- 604 | 450- 620 |
| | Sample Size | 6 | 0 | 91 | 377 | 879 | 24 | 1 | 211 |
| Males | Mean Length | 470 | 291 | 557 | 496 | 565 | 480 | 580 | 547 |
| | Std. Error | 31 | 15 | 3 | 3 | 1 | 20 | 14 | 3 |
| | Range | 430- 563 | 261- 311 | 446- 631 | 413- 612 | 426- 710 | 292- 564 | 534- 611 | 414- 652 |
| | Sample Size | 4 | 3 | 113 | 181 | 963 | 12 | 5 | 188 |
| All Fish | Mean Length | 456 | 291 | 547 | 486 | 555 | 489 | 584 | 538 |
| | Std. Error | 18 | 15 | 2 | 2 | 1 | 7 | 12 | 2 |
| | Range | 386- 563 | 261- 311 | 423- 631 | 372- 612 | 412- 710 | 292- 564 | 534- 611 | 414- 652 |
| | Sample Size | 10 | 3 | 204 | 562 | 1846 | 36 | 6 | 400 |

Appendix G.5. Estimated mean length by sex and age of sockeye salmon in the escapements to the Copper River Delta and Bering River drainages, 1986.

| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 2.3 |
| **Eyak Lake** | | | | | | | | | | | |
| Females | Mean Length | 0 | 469 | 0 | 536 | 478 | 0 | 0 | 546 | 0 | 0 |
| | Std. Error | 0 | 6 | 0 | 6 | 6 | 0 | 0 | 3 | 0 | 0 |
| | Range | 0 -0 | 420- 498 | 0 -0 | 425- 609 | 398- 517 | 0 -0 | 0 -0 | 436- 605 | 0 -0 | 0 -0 |
| | Sample Size | 0 | 15 | 0 | 56 | 28 | 0 | 0 | 125 | 0 | 0 |
| Males | Mean Length | 0 | 437 | 0 | 515 | 425 | 0 | 0 | 550 | 0 | 0 |
| | Std. Error | 0 | 13 | 0 | 33 | 1 | 0 | 0 | 9 | 0 | 0 |
| | Range | 0 -0 | 340- 482 | 0 -0 | 10- 615 | 350- 502 | 0 -0 | 0 -0 | 397- 667 | 0 -0 | 0 -0 |
| | Sample Size | 0 | 10 | 0 | 19 | 281 | 0 | 0 | 49 | 0 | 0 |
| All Fish | Mean Length | 0 | 456 | 0 | 531 | 430 | 0 | 0 | 547 | 0 | 0 |
| | Std. Error | 0 | 7 | 0 | 9 | 2 | 0 | 0 | 3 | 0 | 0 |
| | Range | 0 -0 | 340- 498 | 0 -0 | 10- 615 | 350- 517 | 0 -0 | 0 -0 | 397- 667 | 0 -0 | 0 -0 |
| | Sample Size | 0 | 25 | 0 | 75 | 309 | 0 | 0 | 174 | 0 | 0 |
| **McKinley Lake** | | | | | | | | | | | |
| Females | Mean Length | 0 | 0 | 0 | 572 | 507 | 0 | 0 | 573 | 0 | 0 |
| | Std. Error | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 2 | 0 | 0 |
| | Range | 0 -0 | 0- 0 | 0 -0 | 540- 625 | 464- 539 | 0 -0 | 0 -0 | 534- 618 | 0 -0 | 0 -0 |
| | Sample Size | 0 | 0 | 0 | 63 | 34 | 0 | 0 | 121 | 0 | 0 |
| | 0 Males | | | | | | | | | | |
| Males | Mean Length | 0 | 439 | 0 | 581 | 447 | 0 | 0 | 582 | 0 | 0 |
| | Std. Error | 0 | 3 | 0 | 5 | 1 | 0 | 0 | 4 | 0 | 0 |
| | Range | 0 -0 | 391- 516 | 0 -0 | 505- 636 | 384- 529 | 0 -0 | 0 -0 | 513- 655 | 0 -0 | 0 -0 |
| | Sample Size | 0 | 51 | 0 | 42 | 268 | 0 | 0 | 67 | 0 | 0 |
| | 0 All Fish | | | | | | | | | | |
| All Fish | Mean Length | 0 | 439 | 0 | 576 | 454 | 0 | 0 | 576 | 0 | 0 |
| | Std. Error | 0 | 3 | 0 | 3 | 2 | 0 | 0 | 2 | 0 | 0 |
| | Range | 0 -0 | 391- 516 | 0 -0 | 505- 636 | 384- 539 | 0 -0 | 0 -0 | 513- 655 | 0 -0 | 0 -0 |
| | Sample Size | 0 | 51 | 0 | 105 | 302 | 0 | 0 | 188 | 0 | 0 |

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Appendix G.5. (page 2 of 6)

| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 2.3 |
| **Twenty-Seven Mile Slough** | | | | | | | | | | | |
| Females | Mean Length | 0 | 489 | 0 | 567 | 498 | 0 | 0 | 572 | 0 | 0 |
| | Std. Error | 0 | 25 | 0 | 2 | 7 | 0 | 0 | 2 | 0 | 0 |
| | Range | 0 -0 | 395- 561 | 0 -0 | 502- 623 | 460- 528 | 0 -0 | 0 -0 | 535- 617 | 0- 0 | 0 -0 |
| | Sample Size | 0 | 8 | 0 | 85 | 9 | 0 | 0 | 65 | 0 | 0 |
| Males | Mean Length | 0 | 434 | 0 | 529 | 444 | 0 | 0 | 584 | 438 | 0 |
| | Std. Error | 0 | 1 | 0 | 8 | 2 | 0 | 0 | 19 | 9 | 0 |
| | Range | 0 -0 | 352- 543 | 0 -0 | 485- 592 | 349- 621 | 0 -0 | 0 -0 | 519- 642 | 421- 467 | 0 -0 |
| | Sample Size | 0 | 522 | 0 | 13 | 133 | 0 | 0 | 6 | 5 | 0 |
| All Fish | Mean Length | 0 | 435 | 0 | 562 | 447 | 0 | 0 | 573 | 438 | 0 |
| | Std. Error | 0 | 1 | 0 | 3 | 3 | 0 | 0 | 3 | 9 | 0 |
| | Range | 0 -0 | 352- 561 | 0 -0 | 485- 623 | 349- 621 | 0 -0 | 0 -0 | 519- 642 | 421- 467 | 0 -0 |
| | Sample Size | 0 | 530 | 0 | 98 | 142 | 0 | 0 | 71 | 5 | 0 |
| **Thirty-Nine Mile Creek** | | | | | | | | | | | |
| Females | Mean Length | 0 | 0 | 0 | 580 | 514 | 0 | 0 | 583 | 494 | 569 |
| | Std. Error | 0 | 0 | 0 | 8 | 3 | 0 | 0 | 1 | 0 | 11 |
| | Range | 0 -0 | 0- 0 | 0 -0 | 536- 606 | 451- 546 | 0 -0 | 0 -0 | 500- 629 | 494- 494 | 548- 583 |
| | Sample Size | 0 | 0 | 0 | 8 | 44 | 0 | 0 | 198 | 1 | 3 |
| Males | Mean Length | 0 | 431 | 0 | 580 | 453 | 0 | 0 | 602 | 460 | 570 |
| | Std. Error | 0 | 3 | 0 | 22 | 2 | 0 | 0 | 3 | 0 | 0 |
| | Range | 0 -0 | 394- 472 | 0 -0 | 494- 625 | 396- 602 | 0 -0 | 0 -0 | 442- 671 | 460- 460 | 570- 570 |
| | Sample Size | 0 | 43 | 0 | 5 | 193 | 0 | 0 | 156 | 1 | 1 |
| All Fish | Mean Length | 0 | 431 | 0 | 580 | 465 | 0 | 0 | 591 | 477 | 570 |
| | Std. Error | 0 | 3 | 0 | 9 | 2 | 0 | 0 | 2 | 17 | 8 |
| | Range | 0 -0 | 394- 472 | 0 -0 | 494- 625 | 396- 602 | 0 -0 | 0 -0 | 442- 671 | 460- 494 | 548- 583 |
| | Sample Size | 0 | 43 | 0 | 13 | 237 | 0 | 0 | 354 | 2 | 4 |

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| | | Brood Year and Age Group | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | 1980 | |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | | 1.3 | 2.2 | 2.3 |
| **Ragged Point Lake** | | | | | | | | | | | |
| Females | Mean Length | 0 | 508 | 0 | 572 | 498 | 0 | 0 | 566 | 462 | 576 |
| | Std. Error | 0 | 5 | 0 | 1 | 3 | 0 | 0 | 2 | 23 | 0 |
| | Range | 0- 0 | 450- 573 | 0- 0 | 531- 633 | 425- 544 | 0- 0 | 0 -0 | 469- 615 | 422- 500 | 576- 576 |
| | Sample Size | 0 | 38 | 0 | 246 | 84 | 0 | 0 | 80 | 3 | 1 |
| Males | Mean Length | 273 | 428 | 300 | 585 | 437 | 290 | 0 | 569 | 455 | 531 |
| | Std. Error | 0 | 3 | 7 | 4 | 2 | 0 | 0 | 7 | 13 | 0 |
| | Range | 273- 273 | 398- 495 | 273- 322 | 507- 628 | 383- 489 | 290- 290 | 0 -0 | 454- 642 | 433- 531 | 531- 531 |
| | Sample Size | 1 | 58 | 8 | 62 | 84 | 1 | 0 | 39 | 7 | 1 |
| All Fish | Mean Length | 273 | 460 | 300 | 575 | 467 | 290 | 0 | 567 | 457 | 554 |
| | Std. Error | 0 | 5 | 7 | 1 | 3 | 0 | 0 | 3 | 11 | 23 |
| | Range | 273- 273 | 398- 573 | 273- 322 | 507- 633 | 383- 544 | 290- 290 | 0 -0 | 454- 642 | 422- 531 | 531- 576 |
| | Sample Size | 1 | 96 | 8 | 308 | 168 | 1 | 0 | 119 | 10 | 2 |
| **Martin Lake** | | | | | | | | | | | |
| Females | Mean Length | 0 | 505 | 0 | 553 | 483 | 0 | 0 | 557 | 0 | 0 |
| | Std. Error | 0 | 16 | 0 | 3 | 4 | 0 | 0 | 2 | 0 | 0 |
| | Range | 0 -0 | 463- 536 | 0 -0 | 522- 583 | 281- 526 | 0 -0 | 0 -0 | 485- 616 | 0- 0 | 0 -0 |
| | Sample Size | 0 | 4 | 0 | 32 | 70 | 0 | 0 | 113 | 0 | 0 |
| Males | Mean Length | 0 | 428 | 0 | 567 | 435 | 0 | 0 | 554 | 427 | 0 |
| | Std. Error | 0 | 5 | 0 | 14 | 1 | 0 | 0 | 4 | 11 | 0 |
| | Range | 0 -0 | 385- 495 | 0 -0 | 432- 625 | 370- 514 | 0 -0 | 0 -0 | 500- 636 | 414- 449 | 0 -0 |
| | Sample Size | 0 | 30 | 0 | 12 | 408 | 0 | 0 | 76 | 3 | 0 |
| All Fish | Mean Length | 0 | 437 | 0 | 557 | 442 | 0 | 0 | 556 | 427 | 0 |
| | Std. Error | 0 | 6 | 0 | 5 | 1 | 0 | 0 | 2 | 11 | 0 |
| | Range | 0 -0 | 385- 536 | 0 -0 | 432- 625 | 281- 526 | 0 -0 | 0 -0 | 485- 636 | 414- 449 | 0 -0 |
| | Sample Size | 0 | 34 | 0 | 44 | 478 | 0 | 0 | 189 | 3 | 0 |

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Appendix G.5. (page 4 of 6)

| | | Brood Year and Age Group | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 2.3 |
| **Tokun Lake Weir** | | | | | | | | | | | |
| Females | Mean Length | 0 | 517 | 0 | 569 | 506 | 0 | 0 | 569 | 0 | 0 |
| | Std. Error | 0 | 6 | 0 | 3 | 2 | 0 | 0 | 1 | 0 | 0 |
| | Range | 0 -0 | 511- 522 | 0 -0 | 539- 592 | 408- 603 | 0 -0 | 0 -0 | 437- 630 | 0 -0 | 0 -0 |
| | Sample Size | 0 | 2 | 0 | 21 | 267 | 0 | 0 | 487 | 0 | 0 |
| Males | Mean Length | 0 | 455 | 0 | 574 | 477 | 0 | 0 | 602 | 0 | 0 |
| | Std. Error | 0 | 14 | 0 | 17 | 2 | 0 | 0 | 2 | 0 | 0 |
| | Range | 0 -0 | 403- 516 | 0 -0 | 451- 643 | 323- 654 | 0 -0 | 0 -0 | 466- 668 | 0 -0 | 0 -0 |
| | Sample Size | 0 | 7 | 0 | 11 | 551 | 0 | 0 | 335 | 0 | 0 |
| All Fish | Mean Length | 0 | 469 | 0 | 571 | 487 | 0 | 0 | 582 | 0 | 0 |
| | Std. Error | 0 | 14 | 0 | 6 | 2 | 0 | 0 | 1 | 0 | 0 |
| | Range | 0 -0 | 403- 522 | 0 -0 | 451- 643 | 323- 654 | 0 -0 | 0 -0 | 437- 668 | 0 -0 | 0 -0 |
| | Sample Size | 0 | 9 | 0 | 32 | 818 | 0 | 0 | 822 | 0 | 0 |
| **Martin River Slough** | | | | | | | | | | | |
| Females | Mean Length | 0 | 521 | 0 | 551 | 500 | 0 | 610 | 557 | 0 | 582 |
| | Std. Error | 0 | 12 | 0 | 1 | 7 | 0 | 0 | 2 | 0 | 0 |
| | Range | 0 -0 | 509- 532 | 0 -0 | 495- 604 | 475- 521 | 0 -0 | 610- 610 | 510- 595 | 0- 0 | 582- 582 |
| | Sample Size | 0 | 2 | 0 | 318 | 6 | 0 | 1 | 63 | 0 | 1 |
| Males | Mean Length | 0 | 436 | 0 | 580 | 448 | 0 | 0 | 583 | 452 | 574 |
| | Std. Error | 0 | 2 | 0 | 2 | 5 | 0 | 0 | 5 | 12 | 0 |
| | Range | 0 -0 | 370- 515 | 0 -0 | 410- 642 | 395- 570 | 0 -0 | 0- 0 | 509- 648 | 440- 475 | 574- 574 |
| | Sample Size | 0 | 134 | 0 | 208 | 45 | 0 | 0 | 31 | 3 | 1 |
| All Fish | Mean Length | 0 | 437 | 0 | 563 | 454 | 0 | 610 | 565 | 452 | 578 |
| | Std. Error | 0 | 2 | 0 | 1 | 5 | 0 | 0 | 3 | 12 | 4 |
| | Range | 0 -0 | 370- 532 | 0 -0 | 410- 642 | 395- 570 | 0 -0 | 610- 610 | 509- 648 | 440- 475 | 574- 582 |
| | Sample Size | 0 | 136 | 0 | 526 | 51 | 0 | 1 | 94 | 3 | 2 |

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| | | Brood Year and Age Group | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 2.3 |
| **Bering Lake** | | | | | | | | | | | |
| Females | Mean Length | 0 | 533 | 0 | 552 | 493 | 0 | 0 | 554 | 472 | 569 |
| | Std. Error | 0 | 6 | 0 | 2 | 3 | 0 | 0 | 2 | 0 | 0 |
| | Range | 0 -0 | 520- 548 | 0 -0 | 520- 604 | 454- 538 | 0 -0 | 0 -0 | 435- 593 | 472- 472 | 569- 569 |
| | Sample Size | 0 | 4 | 0 | 81 | 37 | 0 | 0 | 75 | 1 | 1 |
| Males | Mean Length | 0 | 430 | 0 | 578 | 442 | 0 | 0 | 570 | 400 | 0 |
| | Std. Error | 0 | 6 | 0 | 3 | 2 | 0 | 0 | 3 | 5 | 0 |
| | Range | 0 -0 | 400- 519 | 0 -0 | 435- 626 | 378- 550 | 0 -0 | 0 -0 | 485- 632 | 395- 405 | 0- 0 |
| | Sample Size | 0 | 18 | 0 | 83 | 168 | 0 | 0 | 100 | 2 | 0 |
| All Fish | Mean Length | 0 | 449 | 0 | 565 | 451 | 0 | 0 | 563 | 424 | 569 |
| | Std. Error | 0 | 10 | 0 | 2 | 3 | 0 | 0 | 2 | 24 | 0 |
| | Range | 0 -0 | 400- 548 | 0 -0 | 435- 626 | 378- 550 | 0 -0 | 0 -0 | 435- 632 | 395- 472 | 569- 569 |
| | Sample Size | 0 | 22 | 0 | 164 | 205 | 0 | 0 | 175 | 3 | 1 |
| **Shepherd Creek** | | | | | | | | | | | |
| Females | Mean Length | 0 | 507 | 0 | 554 | 495 | 0 | 0 | 551 | 427 | 564 |
| | Std. Error | 0 | 7 | 0 | 2 | 3 | 0 | 0 | 4 | 0 | 0 |
| | Range | 0 -0 | 486- 518 | 0 -0 | 527- 586 | 471- 506 | 0 -0 | 0 -0 | 509- 592 | 427- 427 | 564- 564 |
| | Sample Size | 0 | 4 | 0 | 68 | 13 | 0 | 0 | 34 | 1 | 1 |
| Males | Mean Length | 0 | 438 | 0 | 583 | 437 | 0 | 0 | 576 | 414 | 0 |
| | Std. Error | 0 | 25 | 0 | 3 | 5 | 0 | 0 | 6 | 0 | 0 |
| | Range | 0 -0 | 393- 500 | 0 -0 | 504- 621 | 343- 507 | 0 -0 | 0 -0 | 528- 608 | 414- 414 | 0- 0 |
| | Sample Size | 0 | 4 | 0 | 52 | 38 | 0 | 0 | 20 | 1 | 0 |
| All Fish | Mean Length | 0 | 473 | 0 | 567 | 452 | 0 | 0 | 560 | 421 | 564 |
| | Std. Error | 0 | 18 | 0 | 2 | 5 | 0 | 0 | 4 | 7 | 0 |
| | Range | 0 -0 | 393- 518 | 0 -0 | 504- 621 | 343- 507 | 0 -0 | 0 -0 | 509- 608 | 414- 427 | 564- 564 |
| | Sample Size | 0 | 8 | 0 | 120 | 51 | 0 | 0 | 54 | 2 | 1 |

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Appendix G.5. (page 6 of 6)

| | | Brood Year and Age Group | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 2.3 |
| Kushtaka Lake | | | | | | | | | | | |
| Females | Mean Length | 0 | 471 | 0 | 536 | 476 | 0 | 0 | 535 | 503 | 532 |
| | Std. Error | 0 | 5 | 0 | 2 | 2 | 0 | 0 | 1 | 9 | 0 |
| | Range | 0 -0 | 439- 517 | 0 -0 | 490- 581 | 408- 552 | 0 -0 | 0 -0 | 475- 604 | 494- 520 | 532- 532 |
| | Sample Size | 0 | 18 | 0 | 58 | 127 | 0 | 0 | 166 | 3 | 1 |
| Males | Mean Length | 0 | 457 | 0 | 539 | 466 | 0 | 0 | 536 | 460 | 0 |
| | Std. Error | 0 | 6 | 0 | 5 | 3 | 0 | 0 | 2 | 23 | 0 |
| | Range | 0 -0 | 396- 524 | 0 -0 | 485- 600 | 399- 535 | 0 -0 | 0 -0 | 488- 587 | 437- 483 | 0- 0 |
| | Sample Size | 0 | 30 | 0 | 39 | 126 | 0 | 0 | 104 | 2 | 0 |
| All Fish | Mean Length | 0 | 462 | 0 | 537 | 471 | 0 | 0 | 536 | 486 | 532 |
| | Std. Error | 0 | 4 | 0 | 2 | 2 | 0 | 0 | 1 | 14 | 0 |
| | Range | 0 -0 | 396- 524 | 0 -0 | 485- 600 | 399- 552 | 0 -0 | 0 -0 | 475- 604 | 437- 520 | 532- 532 |
| | Sample Size | 0 | 48 | 0 | 97 | 253 | 0 | 0 | 270 | 5 | 1 |

Appendix G.6. Estimated mean length by sex and age of sockeye salmon in the commercial catches from the drift gill net fishery in the Coghill and Unakwik Districts of Prince William Sound, 1986.

| | | Brood Year and Age Group | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 1982 | | 1981 | | 1980 | | |
| | | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 |
| **Coghill District** | | | | | | | | |
| Females | Mean Length | 592.5 | 516.8 | 577.8 | 525 | 595 | 574.3 | 551 |
| | Std. Error | 12.5 | 2.83 | 0.69 | 7.87 | 13.61 | 2.51 | 0 |
| | Range | 580- 605 | 448- 581 | 505- 645 | 461- 620 | 575- 621 | 473- 618 | 551- 551 |
| | Sample Size | 2 | 77 | 774 | 22 | 3 | 100 | 1 |
| Males | Mean Length | 597.3 | 520.9 | 594 | 514.3 | 636 | 592.7 | 0 |
| | Std. Error | 22.82 | 3.15 | 1.14 | 6.05 | 0 | 2.58 | 0 |
| | Range | 564- 641 | 438- 610 | 465- 660 | 437- 583 | 636- 636 | 540- 640 | 0- 0 |
| | Sample Size | 3 | 103 | 499 | 38 | 1 | 87 | 0 |
| All Fish | Mean Length | 595.4 | 519 | 584 | 518 | 605 | 583 | 551 |
| | Std. Error | 13.16 | 2 | 1 | 5 | 14 | 2 | 0 |
| | Range | 564- 641 | 438- 610 | 465- 660 | 437- 620 | 575- 636 | 473- 640 | 551- 551 |
| | Sample Size | 5 | 181 | 1280 | 60 | 4 | 187 | 1 |
| **Unakwik District** | | | | | | | | |
| Females | Mean Length | 578 | 517.3 | 569.7 | 519 | 599 | 571.1 | 0 |
| | Std. Error | 5 | 8.24 | 1.02 | 8.42 | 0 | 3.56 | 0 |
| | Range | 573- 583 | 440- 575 | 503- 618 | 505- 542 | 599- 599 | 526- 611 | 0- 0 |
| | Sample Size | 2 | 18 | 399 | 4 | 1 | 26 | 0 |
| Males | Mean Length | 589.7 | 511.4 | 588.7 | 518.7 | 560 | 590.6 | 0 |
| | Std. Error | 9.87 | 6.26 | 1.42 | 24.67 | 0 | 9.03 | 0 |
| | Range | 570- 601 | 435- 553 | 503- 657 | 493- 568 | 560- 560 | 536- 650 | 0- 0 |
| | Sample Size | 3 | 27 | 265 | 3 | 1 | 11 | 0 |
| All Fish | Mean Length | 585 | 514 | 577 | 519 | 580 | 577 | 0 |
| | Std. Error | 6.32 | 5 | 1 | 10 | 20 | 4 | 0 |
| | Range | 570- 601 | 435- 575 | 503- 657 | 493- 568 | 560- 599 | 526- 650 | 0- 0 |
| | Sample Size | 5 | 45 | 664 | 7 | 2 | 37 | 0 |

Appendix G.7. Estimated mean length by sex and age of sockeye salmon through the weirs below Coghill and Eshamy Lakes, Prince William Sound, 1986.

| | | Brood Year and Age Group | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | 1982 | | | 1981 | | 1980 | |
| | | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 |
| **Coghill Weir** | | | | | | | | | |
| Females | Mean Length | 310 | 528 | 491 | 0 | 559 | 493 | 597 | 560 |
| | Std. Error | 0 | 22 | 2 | 0- 0 | 1 | 4 | 0 | 6 |
| | Range | 310- 310 | 506- 549 | 390- 590 | 0 | 425- 630 | 429- 592 | 597- 597 | 450- 632 |
| | Sample Size | 1 | 2 | 225 | 0 | 626 | 53 | 1 | 34 |
| Males | Mean Length | 310 | 0 | 464 | 0 | 589 | 473 | 622 | 586 |
| | Std. Error | 0 | 0 | 3 | 0- 0 | 2 | 9 | 0 | 4 |
| | Range | 310- 310 | 0- 0 | 347- 633 | 0 | 428- 670 | 387- 615 | 622- 622 | 505- 635 |
| | Sample Size | 1 | 0 | 265 | 0 | 402 | 35 | 1 | 38 |
| All Fish | Mean Length | 310 | 528 | 476 | 0 | 571 | 485 | 610 | 574 |
| | Std. Error | 0 | 22 | 2 | 0- 0 | 1 | 4 | 13 | 4 |
| | Range | 310- 310 | 506- 549 | 347- 633 | 0 | 425- 670 | 387- 615 | 597- 622 | 450- 635 |
| | Sample Size | 2 | 2 | 490 | 0 | 1028 | 88 | 2 | 72 |
| **Eshamy Weir** | | | | | | | | | |
| Females | Mean Length | 552 | 0 | 550 | 0 | 572 | 558 | 0 | 589 |
| | Std. Error | 9 | 0 | 1 | 0 | 3 | 3 | 0 | 13 |
| | Range | 540- 570 | 0- 0 | 430- 625 | 0- 0 | 520- 645 | 460- 655 | 0- 0 | 530- 640 |
| | Sample Size | 3 | 0 | 477 | 0 | 92 | 82 | 0 | 8 |
| Males | Mean Length | 472 | 0 | 573 | 410 | 607 | 579 | 0 | 626 |
| | Std. Error | 27 | 0 | 2 | 24 | 4 | 4 | 0 | 18 |
| | Range | 360- 590 | 0- 0 | 385- 690 | 340- 445 | 520- 670 | 405- 665 | 0- 0 | 540- 660 |
| | Sample Size | 10 | 0 | 432 | 4 | 67 | 87 | 0 | 6 |
| All Fish | Mean Length | 490 | 0 | 561 | 410 | 587 | 569 | 0 | 605 |
| | Std. Error | 23 | 0 | 1 | 24 | 3 | 3 | 0 | 11 |
| | Range | 360- 590 | 0- 0 | 385- 690 | 340- 445 | 520- 670 | 405- 665 | 0- 0 | 530- 660 |
| | Sample Size | 13 | 0 | 909 | 4 | 159 | 170 | 0 | 14 |

# APPENDIX H

## Commercial Catch Weight Data for Copper/Bering River and Prince William Sound area fisheries

Appendix H.1. Average weights in pounds of salmon in the commercial catches from the gill net and purse seine fisheries in the Copper/Bering and Prince William Sound areas, 1986.[a]

| | Average Weight (in pounds) by Species | | | | |
|---|---|---|---|---|---|
| | Chinook | Sockeye | Coho | Pink | Chum |
| **Area and Fisheries** | | | | | |
| Copper/Bering Drift Gill Net | 26.26 | 5.82 | 9.63 | 3.60 | 7.18 |
| Prince William Sound Drift Gill Net | 12.94 | 6.67 | 8.32 | 3.57 | 8.33 |
| Prince William Sound Set Gill Net | 18.22 | 6.54 | 9.32 | 3.41 | 7.44 |
| Prince William Sound Purse Seine | 10.25 | 6.25 | 8.62 | 3.04 | 8.37 |

[a]Based on fish ticket summaries. Typically during each fishing period a portion of each delivery to a tender boat is counted into a brailer, weighed, and the average weight per fish is computed. This average weight is used to compute the number of fish in the total delivery. The average weights in this table are the total weight of the catch by species, gear, and fishery divided the estimated total number of fish by species, gear, and fishery as computed from fish tickets.

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